

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: P331687-930

Luminaire Tested: **SA2XXRDIP-C675D725U930-4F0-1E-UDD-A**

Issue Date: 10/7/2019

Test Information

Test Method: LM-79-08
Report Number: P331687-930
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-C675D725U930-4F0-1E-UDD-A
Description: DEFINE 2 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 675 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING
UPLIGHT 725 LUMENS PER FOOT, NO LENS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

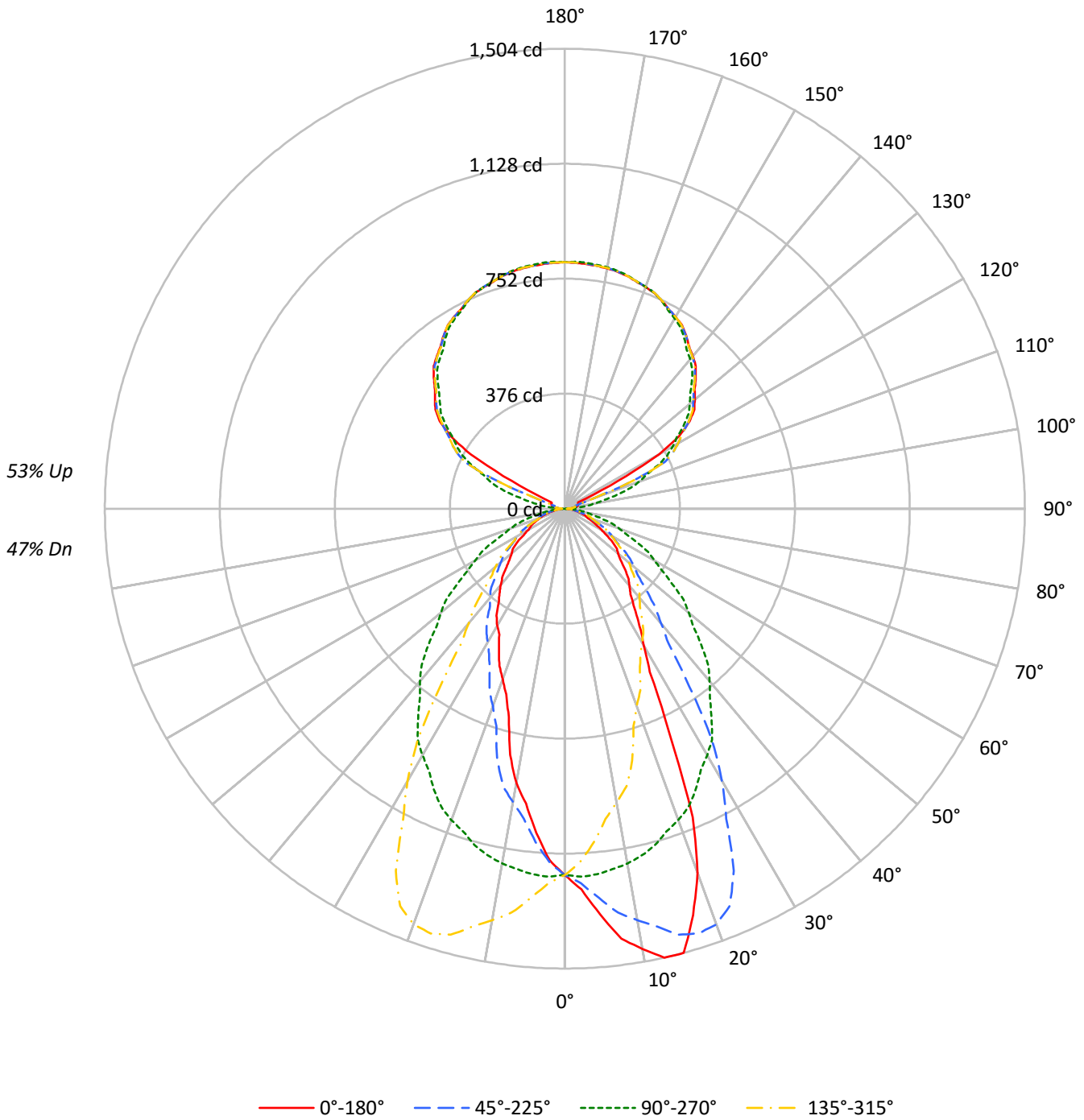
Lumens per Lamp: N/A
Luminaire Lumens: 4434.0 lumens
Efficiency: N/A
Efficacy: 96.6 lumens/watt
Spacing Criteria (0/90/45): 0.86 / 1.16 / 1.02
Luminous Opening: Rectangular (W 4' x L: 0.17' x H: 0')
CIE Type: General Diffuse

Input Watts (W): 45.9
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: P331687-930
CATALOG NUMBER: SA2XXRDIP-C675D725U930-4F0-1E-UDD-A

Luminous Intensity Polar Plot





TEST NUMBER: P331687-930

CATALOG NUMBER: SA2XXRDIP-C675D725U930-4F0-1E-UDD-A

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

| | | | | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| RF | 20 | | | | | 20 | | | | | 20 | | | | | 20 | | | | | 20 | |
| RC | 80 | | | | | 70 | | | | | 50 | | | | | 30 | | | | | 10 | 0 |
| RW | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0 | |
| RCR | | | | | | | | | | | | | | | | | | | | | | |
| 0 | 106 | 106 | 106 | 106 | 98 | 98 | 98 | 98 | 82 | 82 | 82 | 67 | 67 | 67 | 53 | 53 | 53 | 47 | | | | 47 |
| 1 | 98 | 94 | 90 | 87 | 90 | 86 | 83 | 80 | 72 | 70 | 68 | 60 | 58 | 57 | 48 | 47 | 46 | | | | 41 | |
| 2 | 90 | 83 | 77 | 72 | 82 | 76 | 71 | 67 | 64 | 61 | 58 | 53 | 51 | 49 | 43 | 42 | 40 | | | | 35 | |
| 3 | 82 | 73 | 67 | 61 | 75 | 68 | 62 | 57 | 58 | 53 | 50 | 48 | 45 | 42 | 39 | 37 | 35 | | | | 31 | |
| 4 | 76 | 66 | 58 | 52 | 69 | 61 | 54 | 49 | 52 | 47 | 43 | 43 | 40 | 37 | 35 | 33 | 31 | | | | 27 | |
| 5 | 70 | 59 | 51 | 45 | 64 | 55 | 48 | 43 | 47 | 42 | 38 | 39 | 35 | 33 | 32 | 30 | 28 | | | | 24 | |
| 6 | 65 | 53 | 45 | 40 | 59 | 49 | 43 | 38 | 42 | 37 | 33 | 36 | 32 | 29 | 30 | 27 | 25 | | | | 22 | |
| 7 | 60 | 48 | 41 | 35 | 55 | 45 | 38 | 33 | 39 | 33 | 30 | 33 | 29 | 26 | 27 | 25 | 22 | | | | 20 | |
| 8 | 56 | 44 | 37 | 32 | 51 | 41 | 35 | 30 | 36 | 30 | 27 | 30 | 26 | 23 | 25 | 22 | 20 | | | | 18 | |
| 9 | 52 | 40 | 33 | 28 | 48 | 38 | 31 | 27 | 33 | 28 | 24 | 28 | 24 | 21 | 24 | 21 | 19 | | | | 16 | |
| 10 | 49 | 37 | 30 | 26 | 45 | 35 | 29 | 24 | 30 | 25 | 22 | 26 | 22 | 20 | 22 | 19 | 17 | | | | 15 | |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 19339 | 19339 | 19339 | 19339 |
| 5° | 21598 | 19460 | 17253 | 19460 |
| 10° | 23963 | 19323 | 14955 | 19323 |
| 15° | 25142 | 19041 | 11784 | 19041 |
| 20° | 21795 | 18620 | 10198 | 18620 |
| 25° | 14295 | 18045 | 9103 | 18045 |
| 30° | 9622 | 17350 | 8240 | 17350 |
| 35° | 7792 | 16472 | 7433 | 16472 |
| 40° | 6930 | 15517 | 6877 | 15517 |
| 45° | 6272 | 14397 | 6140 | 14397 |
| 50° | 5707 | 13288 | 5687 | 13288 |
| 55° | 5365 | 12056 | 5295 | 12056 |
| 60° | 4489 | 10924 | 4434 | 10924 |
| 65° | 3786 | 9922 | 4290 | 9922 |
| 70° | 3498 | 8861 | 4050 | 8861 |
| 75° | 3269 | 7711 | 3737 | 7711 |
| 80° | 3013 | 6341 | 3329 | 6341 |
| 85° | 2779 | 5020 | 2927 | 5020 |



TEST NUMBER: P331687-930

CATALOG NUMBER: SA2XXRDIP-C675D725U930-4F0-1E-UDD-A

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 113.5 | 2.6 |
| 10°-20° | 316.4 | 7.1 |
| 20°-30° | 407.7 | 9.2 |
| 30°-40° | 387.4 | 8.7 |
| 40°-50° | 331.9 | 7.5 |
| 50°-60° | 252.7 | 5.7 |
| 60°-70° | 159.8 | 3.6 |
| 70°-80° | 79.8 | 1.8 |
| 80°-90° | 22.8 | 0.5 |
| 90°-100° | 26.9 | 0.6 |
| 100°-110° | 98.6 | 2.2 |
| 110°-120° | 263.5 | 5.9 |
| 120°-130° | 435.0 | 9.8 |
| 130°-140° | 462.7 | 10.4 |
| 140°-150° | 430.0 | 9.7 |
| 150°-160° | 345.7 | 7.8 |
| 160°-170° | 222.8 | 5.0 |
| 170°-180° | 76.7 | 1.7 |
| 0°-30° | 837.6 | 18.9 |
| 0°-40° | 1225.0 | 27.6 |
| 0°-60° | 1809.6 | 40.8 |
| 0°-90° | 2071.9 | 46.7 |
| 90°-120° | 389.0 | 8.8 |
| 90°-150° | 1716.8 | 38.7 |
| 90°-180° | 2362.0 | 53.3 |
| 0°-180° | 4434.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 1198 | 1198 | 1198 | 1198 | 1198 | |
| 5° | 1333 | 1201 | 1064 | 1201 | 1333 | 132 |
| 15° | 1504 | 1139 | 705 | 1139 | 1504 | 406 |
| 25° | 802 | 1013 | 511 | 1013 | 802 | 381 |
| 35° | 395 | 836 | 377 | 836 | 395 | 253 |
| 45° | 275 | 630 | 269 | 630 | 275 | 213 |
| 55° | 191 | 428 | 188 | 428 | 191 | 167 |
| 65° | 99 | 260 | 112 | 260 | 99 | 101 |
| 75° | 52 | 124 | 60 | 124 | 52 | 56 |
| 85° | 15 | 27 | 16 | 27 | 15 | 16 |
| 90° | 16 | 1 | 16 | 1 | 16 | 8 |
| 95° | 25 | 38 | 25 | 38 | 25 | 23 |
| 105° | 44 | 177 | 44 | 177 | 44 | 46 |
| 115° | 48 | 335 | 48 | 335 | 48 | 120 |
| 125° | 499 | 474 | 499 | 474 | 499 | 431 |
| 135° | 606 | 587 | 606 | 587 | 606 | 467 |
| 145° | 691 | 681 | 691 | 681 | 691 | 432 |
| 155° | 750 | 749 | 750 | 749 | 750 | 346 |
| 165° | 788 | 790 | 788 | 790 | 788 | 222 |
| 175° | 803 | 808 | 803 | 808 | 803 | 76 |
| 180° | 806 | 806 | 806 | 806 | 806 | |



TEST NUMBER: P331687-930

CATALOG NUMBER: SA2XXRDIP-C675D725U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1197.8 | 1197.8 | 1197.8 | 1197.8 | 1197.8 | 1197.8 | 1197.8 | 1197.8 | 1197.8 | 1197.8 | 1197.8 |
| 2.5° | 1246.3 | 1247.3 | 1248.4 | 1246.0 | 1246.0 | 1244.0 | 1239.7 | 1236.4 | 1227.0 | 1225.7 | 1225.7 |
| 5° | 1332.6 | 1331.7 | 1333.4 | 1328.0 | 1320.5 | 1318.8 | 1310.9 | 1300.6 | 1289.7 | 1277.7 | 1275.1 |
| 7.5° | 1418.3 | 1417.1 | 1413.7 | 1412.8 | 1407.0 | 1394.5 | 1381.8 | 1368.2 | 1350.2 | 1332.7 | 1323.9 |
| 10° | 1461.6 | 1475.4 | 1467.0 | 1452.5 | 1455.4 | 1435.8 | 1425.4 | 1407.5 | 1392.5 | 1366.3 | 1360.5 |
| 12.5° | 1504.2 | 1509.6 | 1507.0 | 1498.7 | 1494.9 | 1481.4 | 1467.4 | 1451.8 | 1424.2 | 1400.6 | 1380.1 |
| 15° | 1504.1 | 1512.0 | 1514.0 | 1511.6 | 1513.6 | 1512.8 | 1505.3 | 1492.4 | 1468.3 | 1442.4 | 1420.0 |
| 17.5° | 1393.0 | 1398.5 | 1412.2 | 1421.4 | 1433.1 | 1457.7 | 1469.8 | 1474.6 | 1471.0 | 1456.3 | 1440.5 |
| 20° | 1268.5 | 1259.3 | 1297.6 | 1317.2 | 1333.8 | 1375.4 | 1411.2 | 1425.0 | 1447.0 | 1446.6 | 1442.4 |
| 22.5° | 1092.0 | 1094.2 | 1130.5 | 1153.7 | 1202.3 | 1243.9 | 1284.7 | 1336.4 | 1379.1 | 1407.3 | 1423.8 |
| 25° | 802.4 | 818.2 | 854.4 | 886.1 | 940.1 | 1017.6 | 1087.9 | 1169.5 | 1246.4 | 1307.2 | 1365.1 |
| 27.5° | 602.6 | 603.8 | 632.5 | 661.7 | 693.8 | 757.2 | 845.8 | 943.2 | 1053.0 | 1143.5 | 1247.7 |
| 30° | 516.1 | 513.6 | 525.6 | 543.6 | 571.0 | 620.1 | 686.6 | 782.4 | 891.9 | 1028.3 | 1149.9 |
| 32.5° | 454.8 | 454.9 | 464.1 | 477.3 | 500.1 | 533.2 | 578.8 | 656.6 | 760.0 | 894.2 | 1036.7 |
| 35° | 395.3 | 394.9 | 401.6 | 411.2 | 420.8 | 442.0 | 473.2 | 514.0 | 585.1 | 710.4 | 856.1 |
| 37.5° | 352.8 | 354.6 | 357.8 | 363.8 | 374.4 | 386.2 | 405.0 | 432.4 | 483.0 | 557.1 | 679.6 |
| 40° | 328.8 | 329.6 | 334.2 | 339.2 | 345.4 | 354.6 | 370.0 | 392.0 | 429.1 | 488.2 | 577.6 |
| 42.5° | 306.8 | 307.6 | 310.9 | 315.5 | 320.4 | 329.6 | 342.3 | 361.4 | 391.4 | 437.6 | 511.4 |
| 45° | 274.7 | 274.7 | 277.6 | 279.6 | 285.1 | 293.4 | 303.8 | 319.6 | 340.5 | 374.5 | 423.6 |
| 47.5° | 244.5 | 244.6 | 246.5 | 250.1 | 253.6 | 260.0 | 270.3 | 283.2 | 298.3 | 324.7 | 366.6 |
| 50° | 227.2 | 227.6 | 228.9 | 231.8 | 233.9 | 239.7 | 247.6 | 258.9 | 274.7 | 295.1 | 330.0 |
| 52.5° | 213.3 | 213.0 | 214.6 | 215.8 | 217.3 | 221.4 | 227.3 | 237.3 | 251.4 | 269.1 | 298.1 |
| 55° | 190.6 | 188.9 | 191.4 | 193.6 | 194.8 | 196.4 | 199.7 | 206.0 | 218.1 | 233.1 | 254.7 |
| 57.5° | 162.3 | 161.7 | 163.4 | 165.3 | 169.3 | 173.7 | 176.5 | 180.5 | 186.8 | 197.5 | 219.0 |
| 60° | 139.0 | 139.0 | 142.8 | 144.0 | 148.5 | 154.4 | 160.2 | 163.5 | 169.8 | 176.8 | 192.7 |
| 62.5° | 118.4 | 118.7 | 120.4 | 121.7 | 124.3 | 131.4 | 139.6 | 146.9 | 152.8 | 159.6 | 170.1 |
| 65° | 99.1 | 99.9 | 99.9 | 100.7 | 102.4 | 104.0 | 107.4 | 113.2 | 123.6 | 133.1 | 141.0 |
| 67.5° | 84.1 | 84.3 | 84.5 | 85.4 | 85.9 | 87.6 | 88.9 | 91.6 | 94.0 | 103.1 | 112.8 |
| 70° | 74.1 | 75.3 | 74.9 | 75.7 | 76.1 | 77.0 | 78.7 | 79.9 | 83.6 | 85.8 | 91.6 |
| 72.5° | 64.7 | 65.6 | 65.6 | 66.1 | 67.2 | 67.3 | 68.6 | 70.0 | 72.3 | 74.1 | 77.2 |
| 75° | 52.4 | 52.0 | 52.4 | 53.2 | 53.6 | 54.1 | 54.1 | 55.8 | 57.0 | 58.7 | 60.7 |
| 77.5° | 40.4 | 40.8 | 40.8 | 40.8 | 40.9 | 41.7 | 41.6 | 42.4 | 43.6 | 44.4 | 45.4 |
| 80° | 32.4 | 32.9 | 32.4 | 32.9 | 33.3 | 33.7 | 33.3 | 33.7 | 35.0 | 35.8 | 35.8 |
| 82.5° | 25.1 | 25.2 | 25.4 | 25.5 | 25.6 | 25.7 | 26.3 | 26.4 | 27.3 | 27.1 | 27.5 |
| 85° | 15.0 | 14.6 | 14.6 | 14.6 | 15.0 | 15.4 | 15.0 | 15.0 | 15.4 | 15.4 | 15.4 |
| 87.5° | 8.5 | 8.7 | 8.7 | 8.6 | 8.6 | 8.5 | 8.4 | 8.6 | 8.2 | 8.3 | 7.7 |
| 90° | 15.7 | 15.5 | 15.2 | 15.0 | 14.7 | 14.3 | 13.6 | 13.0 | 12.3 | 11.7 | 10.6 |
| 92.5° | 15.7 | 15.6 | 15.4 | 15.2 | 15.2 | 14.8 | 14.5 | 14.2 | 13.9 | 13.5 | 13.0 |
| 95° | 25.1 | 25.2 | 25.4 | 25.4 | 25.6 | 25.4 | 24.7 | 24.1 | 23.4 | 22.7 | 21.9 |
| 97.5° | 33.5 | 33.3 | 33.2 | 33.0 | 32.9 | 32.5 | 32.0 | 31.5 | 31.0 | 30.4 | 28.4 |
| 100° | 39.1 | 38.8 | 38.6 | 38.3 | 38.1 | 37.4 | 36.4 | 35.3 | 34.2 | 33.3 | 31.1 |
| 102.5° | 41.9 | 41.5 | 41.2 | 40.8 | 40.4 | 39.5 | 38.2 | 36.9 | 35.5 | 34.2 | 52.6 |
| 105° | 44.4 | 43.8 | 43.3 | 42.8 | 42.2 | 41.3 | 39.9 | 38.4 | 37.0 | 35.5 | 70.9 |
| 107.5° | 45.6 | 45.1 | 44.6 | 44.0 | 43.5 | 44.0 | 45.4 | 46.9 | 48.3 | 49.8 | 92.2 |
| 110° | 46.1 | 45.6 | 45.0 | 44.5 | 44.0 | 50.2 | 63.2 | 76.1 | 89.1 | 102.1 | 139.5 |



TEST NUMBER: P331687-930

CATALOG NUMBER: SA2XXRDIP-C675D725U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 46.6 | 46.1 | 45.7 | 45.3 | 44.8 | 68.3 | 115.6 | 162.9 | 210.2 | 257.4 | 266.7 |
| 115° | 47.9 | 57.2 | 66.4 | 75.8 | 85.1 | 119.8 | 179.9 | 239.9 | 299.9 | 359.9 | 356.6 |
| 117.5° | 195.3 | 225.9 | 256.6 | 287.2 | 317.9 | 340.5 | 355.0 | 369.6 | 384.1 | 398.6 | 396.3 |
| 120° | 355.8 | 373.2 | 390.8 | 408.2 | 425.7 | 433.7 | 432.2 | 430.6 | 429.0 | 427.5 | 425.2 |
| 122.5° | 443.9 | 447.4 | 450.7 | 454.1 | 457.5 | 458.8 | 457.8 | 456.9 | 455.9 | 455.0 | 452.5 |
| 125° | 498.6 | 498.2 | 497.9 | 497.5 | 497.1 | 496.4 | 495.5 | 494.6 | 493.7 | 492.8 | 490.3 |
| 127.5° | 533.2 | 533.1 | 533.0 | 533.0 | 532.9 | 532.1 | 530.8 | 529.5 | 528.2 | 526.8 | 525.1 |
| 130° | 554.6 | 554.7 | 554.9 | 555.1 | 555.1 | 554.5 | 553.1 | 551.6 | 550.2 | 548.8 | 547.4 |
| 132.5° | 575.6 | 575.8 | 575.9 | 576.0 | 576.2 | 575.6 | 574.4 | 573.2 | 571.9 | 570.7 | 569.3 |
| 135° | 605.9 | 606.2 | 606.5 | 606.7 | 607.0 | 606.5 | 605.2 | 603.9 | 602.6 | 601.3 | 600.1 |
| 137.5° | 633.6 | 634.1 | 634.5 | 635.0 | 635.4 | 635.0 | 633.7 | 632.4 | 631.1 | 629.9 | 628.5 |
| 140° | 650.9 | 651.5 | 652.2 | 652.8 | 653.5 | 653.2 | 652.0 | 650.9 | 649.7 | 648.6 | 647.1 |
| 142.5° | 667.6 | 668.3 | 669.0 | 669.6 | 670.3 | 670.0 | 669.0 | 667.9 | 666.8 | 665.8 | 664.1 |
| 145° | 691.1 | 691.8 | 692.4 | 693.1 | 693.7 | 693.6 | 692.7 | 691.8 | 690.9 | 689.9 | 687.7 |
| 147.5° | 711.8 | 712.3 | 712.8 | 713.4 | 714.0 | 713.9 | 713.2 | 712.5 | 711.8 | 711.2 | 709.0 |
| 150° | 724.3 | 725.0 | 725.6 | 726.3 | 726.9 | 726.8 | 726.1 | 725.3 | 724.6 | 723.7 | 721.7 |
| 152.5° | 735.1 | 736.0 | 736.8 | 737.7 | 738.5 | 738.6 | 737.8 | 736.9 | 736.2 | 735.4 | 733.4 |
| 155° | 750.0 | 751.1 | 752.1 | 753.1 | 754.2 | 754.3 | 753.5 | 752.8 | 752.0 | 751.1 | 749.6 |
| 157.5° | 763.7 | 764.7 | 765.6 | 766.7 | 767.7 | 767.8 | 766.9 | 766.0 | 765.2 | 764.3 | 763.1 |
| 160° | 771.6 | 772.5 | 773.4 | 774.3 | 775.2 | 775.3 | 774.5 | 773.7 | 773.0 | 772.2 | 771.4 |
| 162.5° | 778.1 | 779.3 | 780.3 | 781.5 | 782.6 | 782.7 | 781.8 | 780.9 | 780.1 | 779.2 | 778.5 |
| 165° | 787.9 | 788.8 | 789.7 | 790.7 | 791.6 | 791.6 | 790.7 | 789.7 | 788.8 | 787.9 | 787.5 |
| 167.5° | 794.1 | 795.2 | 796.5 | 797.6 | 798.7 | 798.9 | 798.0 | 797.1 | 796.1 | 795.2 | 794.9 |
| 170° | 797.9 | 799.0 | 800.1 | 801.4 | 802.5 | 802.7 | 801.7 | 800.8 | 799.9 | 799.0 | 798.7 |
| 172.5° | 800.6 | 801.8 | 803.0 | 804.1 | 805.3 | 805.4 | 804.5 | 803.6 | 802.7 | 801.8 | 801.5 |
| 175° | 803.1 | 804.4 | 805.7 | 807.0 | 808.3 | 808.5 | 807.6 | 806.7 | 805.8 | 804.9 | 804.5 |
| 177.5° | 804.6 | 805.5 | 806.5 | 807.4 | 808.4 | 808.5 | 807.7 | 807.0 | 806.2 | 805.5 | 805.4 |
| 180° | 806.0 | 806.0 | 806.0 | 806.0 | 806.0 | 806.0 | 806.0 | 806.0 | 806.0 | 806.0 | 806.0 |



TEST NUMBER: P331687-930

CATALOG NUMBER: SA2XXRDIP-C675D725U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1197.8 | 1197.8 | 1197.8 | 1197.8 | 1197.8 | 1197.8 | 1197.8 | 1197.8 | 1197.8 | 1197.8 | 1197.8 |
| 2.5° | 1226.4 | 1223.7 | 1221.4 | 1215.4 | 1212.4 | 1205.7 | 1204.8 | 1204.4 | 1195.7 | 1187.4 | 1185.1 |
| 5° | 1268.5 | 1261.8 | 1251.8 | 1240.2 | 1228.1 | 1215.6 | 1207.3 | 1200.7 | 1184.0 | 1168.2 | 1159.0 |
| 7.5° | 1310.9 | 1296.7 | 1279.4 | 1257.4 | 1238.9 | 1218.3 | 1203.0 | 1189.3 | 1165.6 | 1143.0 | 1127.7 |
| 10° | 1342.6 | 1319.2 | 1296.4 | 1266.0 | 1242.3 | 1219.0 | 1197.3 | 1178.6 | 1151.9 | 1122.0 | 1100.7 |
| 12.5° | 1362.2 | 1336.6 | 1305.0 | 1275.3 | 1244.6 | 1215.0 | 1186.0 | 1162.0 | 1130.7 | 1099.7 | 1074.5 |
| 15° | 1388.8 | 1361.3 | 1323.0 | 1280.6 | 1241.0 | 1202.3 | 1169.1 | 1139.1 | 1098.3 | 1061.3 | 1030.5 |
| 17.5° | 1410.5 | 1372.7 | 1331.5 | 1282.5 | 1236.7 | 1187.5 | 1144.6 | 1106.4 | 1060.9 | 1016.3 | 980.0 |
| 20° | 1417.5 | 1380.1 | 1332.6 | 1283.4 | 1229.4 | 1171.5 | 1125.4 | 1083.7 | 1035.0 | 986.3 | 944.7 |
| 22.5° | 1413.2 | 1384.1 | 1331.2 | 1272.5 | 1217.1 | 1156.5 | 1104.3 | 1056.1 | 1002.1 | 952.4 | 904.1 |
| 25° | 1383.8 | 1373.8 | 1323.9 | 1259.7 | 1196.5 | 1126.2 | 1065.8 | 1012.9 | 951.4 | 898.1 | 845.6 |
| 27.5° | 1315.2 | 1336.8 | 1305.9 | 1237.6 | 1167.3 | 1091.8 | 1024.0 | 963.8 | 899.9 | 840.0 | 787.7 |
| 30° | 1249.4 | 1298.9 | 1285.6 | 1222.3 | 1143.6 | 1069.6 | 993.4 | 930.6 | 862.3 | 800.7 | 749.1 |
| 32.5° | 1159.1 | 1241.0 | 1253.9 | 1201.0 | 1119.7 | 1038.3 | 958.5 | 895.9 | 824.7 | 759.8 | 709.5 |
| 35° | 1015.5 | 1137.8 | 1194.0 | 1160.3 | 1078.7 | 990.9 | 908.5 | 835.7 | 764.1 | 700.0 | 650.0 |
| 37.5° | 844.1 | 1010.7 | 1104.3 | 1106.8 | 1031.8 | 940.5 | 850.8 | 778.5 | 705.2 | 642.3 | 588.3 |
| 40° | 732.9 | 913.5 | 1035.4 | 1062.5 | 999.2 | 900.6 | 809.8 | 736.2 | 664.6 | 603.0 | 541.0 |
| 42.5° | 633.0 | 812.9 | 962.9 | 1009.9 | 959.6 | 861.6 | 770.6 | 693.6 | 624.0 | 565.7 | 502.4 |
| 45° | 511.9 | 669.2 | 834.5 | 918.5 | 890.6 | 799.9 | 703.8 | 630.5 | 565.2 | 514.8 | 454.0 |
| 47.5° | 431.8 | 542.7 | 702.5 | 816.3 | 815.8 | 733.0 | 638.4 | 568.3 | 507.7 | 460.5 | 411.2 |
| 50° | 386.2 | 482.7 | 618.0 | 747.1 | 757.8 | 688.4 | 598.4 | 529.0 | 472.4 | 422.8 | 383.3 |
| 52.5° | 345.3 | 424.9 | 546.4 | 670.1 | 700.9 | 640.7 | 553.5 | 489.3 | 434.4 | 388.9 | 355.0 |
| 55° | 291.7 | 353.4 | 445.7 | 561.4 | 608.1 | 565.6 | 488.2 | 428.3 | 383.7 | 345.4 | 316.3 |
| 57.5° | 246.8 | 293.0 | 367.1 | 460.3 | 514.5 | 487.9 | 424.0 | 375.3 | 337.2 | 302.6 | 279.6 |
| 60° | 218.5 | 256.3 | 319.2 | 397.1 | 457.0 | 438.2 | 383.7 | 338.3 | 305.9 | 275.9 | 254.3 |
| 62.5° | 191.8 | 224.4 | 278.3 | 341.4 | 396.4 | 388.7 | 344.1 | 306.1 | 277.6 | 250.3 | 232.0 |
| 65° | 154.4 | 178.1 | 220.1 | 269.7 | 313.8 | 317.6 | 285.5 | 259.7 | 234.3 | 212.6 | 196.4 |
| 67.5° | 122.9 | 138.4 | 168.0 | 209.8 | 242.8 | 254.6 | 235.1 | 215.3 | 195.2 | 178.5 | 164.4 |
| 70° | 103.6 | 116.1 | 137.8 | 171.5 | 201.9 | 214.3 | 203.1 | 187.7 | 170.2 | 156.5 | 144.4 |
| 72.5° | 84.0 | 96.1 | 112.1 | 136.8 | 162.9 | 176.3 | 172.4 | 161.4 | 147.2 | 135.8 | 124.4 |
| 75° | 63.3 | 67.0 | 77.9 | 94.5 | 114.9 | 126.5 | 129.5 | 123.6 | 112.3 | 103.6 | 96.9 |
| 77.5° | 46.8 | 49.0 | 54.2 | 62.9 | 76.2 | 86.7 | 90.9 | 90.3 | 82.5 | 77.4 | 71.2 |
| 80° | 37.4 | 38.7 | 41.2 | 44.9 | 55.0 | 65.3 | 68.2 | 68.2 | 62.9 | 60.7 | 54.5 |
| 82.5° | 28.5 | 29.4 | 30.9 | 32.9 | 37.6 | 46.7 | 50.0 | 50.6 | 47.2 | 44.4 | 39.5 |
| 85° | 16.2 | 15.8 | 16.6 | 17.9 | 18.8 | 21.2 | 26.3 | 27.1 | 26.3 | 22.9 | 21.6 |
| 87.5° | 7.6 | 7.7 | 7.5 | 6.9 | 6.9 | 7.0 | 8.4 | 9.8 | 8.7 | 8.0 | 7.7 |
| 90° | 9.6 | 8.6 | 7.5 | 6.3 | 4.9 | 3.4 | 2.0 | 0.6 | 2.0 | 3.4 | 4.9 |
| 92.5° | 12.5 | 12.0 | 11.5 | 11.3 | 11.4 | 11.5 | 11.7 | 11.7 | 11.7 | 11.5 | 11.4 |
| 95° | 21.0 | 20.1 | 19.1 | 20.8 | 25.1 | 29.4 | 33.7 | 37.9 | 33.7 | 29.4 | 25.1 |
| 97.5° | 26.3 | 24.1 | 22.0 | 27.0 | 39.1 | 51.1 | 63.2 | 75.3 | 63.2 | 51.1 | 39.1 |
| 100° | 28.9 | 26.7 | 24.5 | 32.2 | 50.0 | 67.8 | 85.4 | 103.2 | 85.4 | 67.8 | 50.0 |
| 102.5° | 71.0 | 89.4 | 107.9 | 119.0 | 122.8 | 126.5 | 130.3 | 134.0 | 130.3 | 126.5 | 122.8 |
| 105° | 106.3 | 141.7 | 177.1 | 192.8 | 189.0 | 185.1 | 181.2 | 177.3 | 181.2 | 185.1 | 189.0 |
| 107.5° | 134.7 | 177.1 | 219.6 | 239.2 | 236.0 | 232.9 | 229.8 | 226.7 | 229.8 | 232.9 | 236.0 |
| 110° | 177.0 | 214.4 | 251.8 | 269.2 | 266.5 | 263.8 | 261.1 | 258.4 | 261.1 | 263.8 | 266.5 |



TEST NUMBER: P331687-930

CATALOG NUMBER: SA2XXRDIP-C675D725U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 275.9 | 285.2 | 294.4 | 297.8 | 295.5 | 293.0 | 290.7 | 288.2 | 290.7 | 293.0 | 295.5 |
| 115° | 353.4 | 350.1 | 346.9 | 344.1 | 341.9 | 339.7 | 337.5 | 335.3 | 337.5 | 339.7 | 341.9 |
| 117.5° | 394.1 | 391.9 | 389.6 | 387.3 | 384.8 | 382.4 | 379.9 | 377.5 | 379.9 | 382.4 | 384.8 |
| 120° | 422.8 | 420.5 | 418.2 | 416.0 | 414.1 | 412.1 | 410.2 | 408.2 | 410.2 | 412.1 | 414.1 |
| 122.5° | 450.0 | 447.4 | 444.8 | 442.5 | 440.5 | 438.5 | 436.4 | 434.4 | 436.4 | 438.5 | 440.5 |
| 125° | 487.9 | 485.4 | 483.0 | 480.9 | 479.2 | 477.5 | 475.8 | 474.2 | 475.8 | 477.5 | 479.2 |
| 127.5° | 523.2 | 521.4 | 519.5 | 517.6 | 515.8 | 514.0 | 512.1 | 510.2 | 512.1 | 514.0 | 515.8 |
| 130° | 545.9 | 544.5 | 543.1 | 541.4 | 539.2 | 537.2 | 535.2 | 533.0 | 535.2 | 537.2 | 539.2 |
| 132.5° | 567.9 | 566.5 | 565.0 | 563.5 | 561.7 | 559.9 | 558.2 | 556.4 | 558.2 | 559.9 | 561.7 |
| 135° | 598.9 | 597.8 | 596.6 | 595.0 | 593.0 | 590.8 | 588.8 | 586.7 | 588.8 | 590.8 | 593.0 |
| 137.5° | 627.2 | 625.9 | 624.6 | 623.2 | 621.7 | 620.3 | 618.8 | 617.4 | 618.8 | 620.3 | 621.7 |
| 140° | 645.7 | 644.2 | 642.9 | 641.6 | 640.6 | 639.5 | 638.5 | 637.5 | 638.5 | 639.5 | 640.6 |
| 142.5° | 662.5 | 660.9 | 659.3 | 657.9 | 657.0 | 656.2 | 655.2 | 654.3 | 655.2 | 656.2 | 657.0 |
| 145° | 685.5 | 683.3 | 681.1 | 680.1 | 680.2 | 680.4 | 680.4 | 680.6 | 680.4 | 680.4 | 680.2 |
| 147.5° | 706.8 | 704.7 | 702.5 | 701.6 | 702.1 | 702.6 | 703.1 | 703.6 | 703.1 | 702.6 | 702.1 |
| 150° | 719.6 | 717.5 | 715.5 | 714.9 | 715.8 | 716.7 | 717.6 | 718.5 | 717.6 | 716.7 | 715.8 |
| 152.5° | 731.5 | 729.5 | 727.6 | 727.1 | 728.1 | 729.1 | 730.1 | 731.1 | 730.1 | 729.1 | 728.1 |
| 155° | 748.0 | 746.5 | 744.9 | 744.8 | 745.9 | 747.1 | 748.3 | 749.4 | 748.3 | 747.1 | 745.9 |
| 157.5° | 762.1 | 761.0 | 759.9 | 759.9 | 760.8 | 761.8 | 762.8 | 763.8 | 762.8 | 761.8 | 760.8 |
| 160° | 770.6 | 769.8 | 769.1 | 769.1 | 769.8 | 770.6 | 771.4 | 772.2 | 771.4 | 770.6 | 769.8 |
| 162.5° | 777.8 | 777.1 | 776.5 | 776.5 | 777.3 | 778.1 | 778.9 | 779.7 | 778.9 | 778.1 | 777.3 |
| 165° | 787.2 | 786.8 | 786.4 | 786.5 | 787.3 | 788.1 | 788.9 | 789.7 | 788.9 | 788.1 | 787.3 |
| 167.5° | 794.5 | 794.2 | 793.8 | 794.0 | 794.8 | 795.6 | 796.4 | 797.1 | 796.4 | 795.6 | 794.8 |
| 170° | 798.5 | 798.3 | 797.9 | 798.3 | 799.0 | 799.8 | 800.5 | 801.4 | 800.5 | 799.8 | 799.0 |
| 172.5° | 801.3 | 801.0 | 800.8 | 801.0 | 801.8 | 802.6 | 803.3 | 804.1 | 803.3 | 802.6 | 801.8 |
| 175° | 804.3 | 804.0 | 803.8 | 804.1 | 805.0 | 805.9 | 806.8 | 807.7 | 806.8 | 805.9 | 805.0 |
| 177.5° | 805.4 | 805.2 | 805.1 | 805.4 | 806.2 | 806.9 | 807.6 | 808.4 | 807.6 | 806.9 | 806.2 |
| 180° | 806.0 | 806.0 | 806.0 | 806.0 | 806.0 | 806.0 | 806.0 | 806.0 | 806.0 | 806.0 | 806.0 |



TEST NUMBER: P331687-930

CATALOG NUMBER: SA2XXRDIP-C675D725U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1197.8 | 1197.8 | 1197.8 | 1197.8 | 1197.8 | 1197.8 | 1197.8 | 1197.8 | 1197.8 | 1197.8 | 1197.8 |
| 2.5° | 1180.8 | 1178.4 | 1174.1 | 1167.4 | 1163.4 | 1156.4 | 1151.8 | 1154.5 | 1155.1 | 1154.5 | 1153.8 |
| 5° | 1149.1 | 1140.3 | 1128.2 | 1116.6 | 1105.8 | 1094.1 | 1087.4 | 1084.5 | 1078.7 | 1075.4 | 1073.7 |
| 7.5° | 1110.7 | 1095.6 | 1078.6 | 1058.3 | 1041.0 | 1023.0 | 1013.7 | 1009.1 | 997.2 | 990.8 | 985.0 |
| 10° | 1082.1 | 1058.3 | 1041.3 | 1014.6 | 998.4 | 974.7 | 958.5 | 958.9 | 942.6 | 933.4 | 926.8 |
| 12.5° | 1050.4 | 1024.3 | 996.0 | 972.0 | 949.4 | 930.4 | 910.9 | 902.9 | 885.7 | 876.9 | 858.9 |
| 15° | 998.0 | 967.6 | 937.7 | 905.1 | 882.3 | 852.7 | 824.4 | 789.9 | 762.0 | 737.8 | 731.2 |
| 17.5° | 940.7 | 903.1 | 873.0 | 834.9 | 795.7 | 746.0 | 713.2 | 693.2 | 676.4 | 663.7 | 654.1 |
| 20° | 901.4 | 863.2 | 831.1 | 773.6 | 720.8 | 687.1 | 663.0 | 647.6 | 630.1 | 616.4 | 608.9 |
| 22.5° | 860.1 | 820.2 | 776.5 | 712.4 | 671.2 | 644.2 | 622.6 | 605.0 | 593.1 | 582.4 | 575.6 |
| 25° | 801.5 | 757.8 | 685.8 | 641.7 | 608.5 | 580.2 | 565.2 | 554.3 | 541.8 | 527.3 | 520.7 |
| 27.5° | 739.6 | 670.1 | 618.4 | 585.6 | 553.8 | 535.4 | 522.0 | 505.8 | 494.6 | 488.1 | 481.2 |
| 30° | 693.3 | 623.9 | 583.5 | 547.7 | 525.2 | 504.8 | 489.0 | 479.9 | 469.0 | 457.8 | 453.2 |
| 32.5° | 641.7 | 586.2 | 547.6 | 517.7 | 494.9 | 477.5 | 465.0 | 450.2 | 442.4 | 435.5 | 425.9 |
| 35° | 577.6 | 535.7 | 500.3 | 476.1 | 454.4 | 440.3 | 425.7 | 417.0 | 402.8 | 397.1 | 393.3 |
| 37.5° | 523.3 | 486.9 | 460.6 | 435.0 | 417.9 | 402.3 | 393.4 | 379.4 | 373.3 | 365.3 | 357.3 |
| 40° | 492.8 | 457.0 | 431.5 | 410.7 | 391.6 | 379.9 | 368.8 | 357.5 | 348.3 | 344.6 | 335.0 |
| 42.5° | 461.5 | 432.4 | 406.9 | 384.1 | 371.3 | 359.0 | 344.8 | 336.6 | 327.0 | 321.0 | 315.0 |
| 45° | 418.2 | 392.5 | 370.8 | 352.0 | 337.9 | 325.1 | 315.8 | 302.1 | 296.8 | 284.6 | 279.6 |
| 47.5° | 380.3 | 356.3 | 335.7 | 317.9 | 304.0 | 295.6 | 282.3 | 271.5 | 262.9 | 255.4 | 249.1 |
| 50° | 353.4 | 333.4 | 313.4 | 297.6 | 285.1 | 273.0 | 259.3 | 253.9 | 240.5 | 236.8 | 233.1 |
| 52.5° | 328.7 | 309.7 | 291.4 | 275.9 | 263.4 | 251.7 | 239.6 | 232.5 | 223.6 | 219.8 | 217.1 |
| 55° | 294.2 | 275.9 | 258.4 | 244.7 | 232.2 | 220.1 | 212.6 | 203.9 | 199.7 | 196.8 | 193.6 |
| 57.5° | 259.6 | 243.1 | 229.8 | 215.8 | 203.3 | 193.7 | 185.0 | 179.8 | 175.5 | 171.6 | 167.6 |
| 60° | 237.7 | 221.8 | 209.8 | 196.8 | 183.9 | 176.0 | 169.4 | 163.1 | 158.2 | 152.3 | 150.7 |
| 62.5° | 214.3 | 200.5 | 189.5 | 176.8 | 165.7 | 158.4 | 152.1 | 146.2 | 140.1 | 131.7 | 129.3 |
| 65° | 182.3 | 171.5 | 159.8 | 149.4 | 139.4 | 132.3 | 123.2 | 116.5 | 114.1 | 113.2 | 112.8 |
| 67.5° | 153.4 | 143.1 | 133.1 | 122.5 | 113.3 | 106.8 | 102.2 | 101.1 | 99.4 | 98.9 | 97.8 |
| 70° | 134.0 | 124.4 | 114.5 | 104.4 | 95.7 | 94.5 | 92.8 | 91.2 | 89.0 | 88.2 | 87.4 |
| 72.5° | 116.7 | 106.8 | 96.8 | 88.8 | 85.0 | 83.5 | 81.9 | 80.1 | 78.8 | 77.9 | 77.4 |
| 75° | 89.4 | 80.3 | 73.7 | 70.8 | 68.6 | 67.4 | 64.9 | 63.7 | 62.9 | 61.6 | 61.1 |
| 77.5° | 64.4 | 59.3 | 56.2 | 54.4 | 52.2 | 50.9 | 49.4 | 48.2 | 47.3 | 47.0 | 46.4 |
| 80° | 49.1 | 46.6 | 44.5 | 42.1 | 41.2 | 39.5 | 39.1 | 37.9 | 38.3 | 37.0 | 37.0 |
| 82.5° | 38.2 | 35.0 | 33.2 | 32.0 | 31.2 | 29.9 | 29.4 | 28.9 | 28.9 | 28.0 | 28.0 |
| 85° | 19.6 | 18.8 | 17.9 | 17.0 | 17.0 | 15.8 | 16.2 | 15.8 | 15.8 | 15.0 | 14.6 |
| 87.5° | 7.6 | 7.5 | 7.0 | 7.3 | 7.4 | 7.3 | 7.4 | 7.3 | 7.4 | 7.5 | 7.3 |
| 90° | 6.3 | 7.5 | 8.6 | 9.6 | 10.6 | 11.7 | 12.3 | 13.0 | 13.6 | 14.3 | 14.7 |
| 92.5° | 11.3 | 11.5 | 12.0 | 12.5 | 13.0 | 13.5 | 13.9 | 14.2 | 14.5 | 14.8 | 15.2 |
| 95° | 20.8 | 19.1 | 20.1 | 21.0 | 21.9 | 22.7 | 23.4 | 24.1 | 24.7 | 25.4 | 25.6 |
| 97.5° | 27.0 | 22.0 | 24.1 | 26.3 | 28.4 | 30.4 | 31.0 | 31.5 | 32.0 | 32.5 | 32.9 |
| 100° | 32.2 | 24.5 | 26.7 | 28.9 | 31.1 | 33.3 | 34.2 | 35.3 | 36.4 | 37.4 | 38.1 |
| 102.5° | 119.0 | 107.9 | 89.4 | 71.0 | 52.6 | 34.2 | 35.5 | 36.9 | 38.2 | 39.5 | 40.4 |
| 105° | 192.8 | 177.1 | 141.7 | 106.3 | 70.9 | 35.5 | 37.0 | 38.4 | 39.9 | 41.3 | 42.2 |
| 107.5° | 239.2 | 219.6 | 177.1 | 134.7 | 92.2 | 49.8 | 48.3 | 46.9 | 45.4 | 44.0 | 43.5 |
| 110° | 269.2 | 251.8 | 214.4 | 177.0 | 139.5 | 102.1 | 89.1 | 76.1 | 63.2 | 50.2 | 44.0 |



TEST NUMBER: P331687-930

CATALOG NUMBER: SA2XXRDIP-C675D725U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 297.8 | 294.4 | 285.2 | 275.9 | 266.7 | 257.4 | 210.2 | 162.9 | 115.6 | 68.3 | 44.8 |
| 115° | 344.1 | 346.9 | 350.1 | 353.4 | 356.6 | 359.9 | 299.9 | 239.9 | 179.9 | 119.8 | 85.1 |
| 117.5° | 387.3 | 389.6 | 391.9 | 394.1 | 396.3 | 398.6 | 384.1 | 369.6 | 355.0 | 340.5 | 317.9 |
| 120° | 416.0 | 418.2 | 420.5 | 422.8 | 425.2 | 427.5 | 429.0 | 430.6 | 432.2 | 433.7 | 425.7 |
| 122.5° | 442.5 | 444.8 | 447.4 | 450.0 | 452.5 | 455.0 | 455.9 | 456.9 | 457.8 | 458.8 | 457.5 |
| 125° | 480.9 | 483.0 | 485.4 | 487.9 | 490.3 | 492.8 | 493.7 | 494.6 | 495.5 | 496.4 | 497.1 |
| 127.5° | 517.6 | 519.5 | 521.4 | 523.2 | 525.1 | 526.8 | 528.2 | 529.5 | 530.8 | 532.1 | 532.9 |
| 130° | 541.4 | 543.1 | 544.5 | 545.9 | 547.4 | 548.8 | 550.2 | 551.6 | 553.1 | 554.5 | 555.1 |
| 132.5° | 563.5 | 565.0 | 566.5 | 567.9 | 569.3 | 570.7 | 571.9 | 573.2 | 574.4 | 575.6 | 576.2 |
| 135° | 595.0 | 596.6 | 597.8 | 598.9 | 600.1 | 601.3 | 602.6 | 603.9 | 605.2 | 606.5 | 607.0 |
| 137.5° | 623.2 | 624.6 | 625.9 | 627.2 | 628.5 | 629.9 | 631.1 | 632.4 | 633.7 | 635.0 | 635.4 |
| 140° | 641.6 | 642.9 | 644.2 | 645.7 | 647.1 | 648.6 | 649.7 | 650.9 | 652.0 | 653.2 | 653.5 |
| 142.5° | 657.9 | 659.3 | 660.9 | 662.5 | 664.1 | 665.8 | 666.8 | 667.9 | 669.0 | 670.0 | 670.3 |
| 145° | 680.1 | 681.1 | 683.3 | 685.5 | 687.7 | 689.9 | 690.9 | 691.8 | 692.7 | 693.6 | 693.7 |
| 147.5° | 701.6 | 702.5 | 704.7 | 706.8 | 709.0 | 711.2 | 711.8 | 712.5 | 713.2 | 713.9 | 714.0 |
| 150° | 714.9 | 715.5 | 717.5 | 719.6 | 721.7 | 723.7 | 724.6 | 725.3 | 726.1 | 726.8 | 726.9 |
| 152.5° | 727.1 | 727.6 | 729.5 | 731.5 | 733.4 | 735.4 | 736.2 | 736.9 | 737.8 | 738.6 | 738.5 |
| 155° | 744.8 | 744.9 | 746.5 | 748.0 | 749.6 | 751.1 | 752.0 | 752.8 | 753.5 | 754.3 | 754.2 |
| 157.5° | 759.9 | 759.9 | 761.0 | 762.1 | 763.1 | 764.3 | 765.2 | 766.0 | 766.9 | 767.8 | 767.7 |
| 160° | 769.1 | 769.1 | 769.8 | 770.6 | 771.4 | 772.2 | 773.0 | 773.7 | 774.5 | 775.3 | 775.2 |
| 162.5° | 776.5 | 776.5 | 777.1 | 777.8 | 778.5 | 779.2 | 780.1 | 780.9 | 781.8 | 782.7 | 782.6 |
| 165° | 786.5 | 786.4 | 786.8 | 787.2 | 787.5 | 787.9 | 788.8 | 789.7 | 790.7 | 791.6 | 791.6 |
| 167.5° | 794.0 | 793.8 | 794.2 | 794.5 | 794.9 | 795.2 | 796.1 | 797.1 | 798.0 | 798.9 | 798.7 |
| 170° | 798.3 | 797.9 | 798.3 | 798.5 | 798.7 | 799.0 | 799.9 | 800.8 | 801.7 | 802.7 | 802.5 |
| 172.5° | 801.0 | 800.8 | 801.0 | 801.3 | 801.5 | 801.8 | 802.7 | 803.6 | 804.5 | 805.4 | 805.3 |
| 175° | 804.1 | 803.8 | 804.0 | 804.3 | 804.5 | 804.9 | 805.8 | 806.7 | 807.6 | 808.5 | 808.3 |
| 177.5° | 805.4 | 805.1 | 805.2 | 805.4 | 805.4 | 805.5 | 806.2 | 807.0 | 807.7 | 808.5 | 808.4 |
| 180° | 806.0 | 806.0 | 806.0 | 806.0 | 806.0 | 806.0 | 806.0 | 806.0 | 806.0 | 806.0 | 806.0 |



TEST NUMBER: P331687-930

CATALOG NUMBER: SA2XXRDIP-C675D725U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1197.8 | 1197.8 | 1197.8 | 1197.8 | 1197.8 | 1197.8 | 1197.8 | 1197.8 | 1197.8 | 1197.8 | 1197.8 |
| 2.5° | 1150.1 | 1150.8 | 1149.8 | 1150.5 | 1149.8 | 1150.8 | 1150.1 | 1153.8 | 1154.5 | 1155.1 | 1154.5 |
| 5° | 1071.6 | 1066.7 | 1065.8 | 1064.5 | 1065.8 | 1066.7 | 1071.6 | 1073.7 | 1075.4 | 1078.7 | 1084.5 |
| 7.5° | 978.0 | 977.1 | 975.1 | 972.2 | 975.1 | 977.1 | 978.0 | 985.0 | 990.8 | 997.2 | 1009.1 |
| 10° | 917.6 | 915.6 | 915.2 | 912.2 | 915.2 | 915.6 | 917.6 | 926.8 | 933.4 | 942.6 | 958.9 |
| 12.5° | 847.1 | 833.6 | 832.3 | 825.0 | 832.3 | 833.6 | 847.1 | 858.9 | 876.9 | 885.7 | 902.9 |
| 15° | 721.2 | 718.8 | 710.4 | 705.0 | 710.4 | 718.8 | 721.2 | 731.2 | 737.8 | 762.0 | 789.9 |
| 17.5° | 649.3 | 641.2 | 638.5 | 637.4 | 638.5 | 641.2 | 649.3 | 654.1 | 663.7 | 676.4 | 693.2 |
| 20° | 603.0 | 595.6 | 594.3 | 593.5 | 594.3 | 595.6 | 603.0 | 608.9 | 616.4 | 630.1 | 647.6 |
| 22.5° | 571.0 | 563.2 | 560.0 | 557.5 | 560.0 | 563.2 | 571.0 | 575.6 | 582.4 | 593.1 | 605.0 |
| 25° | 516.5 | 513.6 | 511.9 | 511.0 | 511.9 | 513.6 | 516.5 | 520.7 | 527.3 | 541.8 | 554.3 |
| 27.5° | 473.8 | 467.3 | 466.1 | 464.0 | 466.1 | 467.3 | 473.8 | 481.2 | 488.1 | 494.6 | 505.8 |
| 30° | 449.5 | 447.4 | 444.5 | 442.0 | 444.5 | 447.4 | 449.5 | 453.2 | 457.8 | 469.0 | 479.9 |
| 32.5° | 420.9 | 419.1 | 416.5 | 415.3 | 416.5 | 419.1 | 420.9 | 425.9 | 435.5 | 442.4 | 450.2 |
| 35° | 389.1 | 383.3 | 380.8 | 377.1 | 380.8 | 383.3 | 389.1 | 393.3 | 397.1 | 402.8 | 417.0 |
| 37.5° | 355.6 | 352.5 | 349.0 | 350.3 | 349.0 | 352.5 | 355.6 | 357.3 | 365.3 | 373.3 | 379.4 |
| 40° | 329.6 | 327.5 | 326.7 | 326.3 | 326.7 | 327.5 | 329.6 | 335.0 | 344.6 | 348.3 | 357.5 |
| 42.5° | 309.0 | 303.2 | 301.1 | 301.0 | 301.1 | 303.2 | 309.0 | 315.0 | 321.0 | 327.0 | 336.6 |
| 45° | 277.6 | 272.1 | 268.4 | 268.9 | 268.4 | 272.1 | 277.6 | 279.6 | 284.6 | 296.8 | 302.1 |
| 47.5° | 245.5 | 245.3 | 243.0 | 243.7 | 243.0 | 245.3 | 245.5 | 249.1 | 255.4 | 262.9 | 271.5 |
| 50° | 230.2 | 227.6 | 226.0 | 226.4 | 226.0 | 227.6 | 230.2 | 233.1 | 236.8 | 240.5 | 253.9 |
| 52.5° | 215.5 | 213.4 | 212.0 | 213.8 | 212.0 | 213.4 | 215.5 | 217.1 | 219.8 | 223.6 | 232.5 |
| 55° | 191.4 | 188.9 | 188.5 | 188.1 | 188.5 | 188.9 | 191.4 | 193.6 | 196.8 | 199.7 | 203.9 |
| 57.5° | 164.5 | 162.9 | 160.4 | 159.3 | 160.4 | 162.9 | 164.5 | 167.6 | 171.6 | 175.5 | 179.8 |
| 60° | 145.2 | 141.9 | 137.8 | 137.3 | 137.8 | 141.9 | 145.2 | 150.7 | 152.3 | 158.2 | 163.1 |
| 62.5° | 127.6 | 126.9 | 126.1 | 126.0 | 126.1 | 126.9 | 127.6 | 129.3 | 131.7 | 140.1 | 146.2 |
| 65° | 111.9 | 111.5 | 111.9 | 112.3 | 111.9 | 111.5 | 111.9 | 112.8 | 113.2 | 114.1 | 116.5 |
| 67.5° | 97.6 | 96.8 | 96.0 | 96.4 | 96.0 | 96.8 | 97.6 | 97.8 | 98.9 | 99.4 | 101.1 |
| 70° | 86.6 | 86.2 | 85.8 | 85.8 | 85.8 | 86.2 | 86.6 | 87.4 | 88.2 | 89.0 | 91.2 |
| 72.5° | 75.9 | 75.8 | 75.4 | 75.1 | 75.4 | 75.8 | 75.9 | 77.4 | 77.9 | 78.8 | 80.1 |
| 75° | 60.7 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 60.7 | 61.1 | 61.6 | 62.9 | 63.7 |
| 77.5° | 46.3 | 45.9 | 45.4 | 45.1 | 45.4 | 45.9 | 46.3 | 46.4 | 47.0 | 47.3 | 48.2 |
| 80° | 36.6 | 36.2 | 35.8 | 35.8 | 35.8 | 36.2 | 36.6 | 37.0 | 37.0 | 38.3 | 37.9 |
| 82.5° | 28.0 | 27.6 | 27.5 | 27.1 | 27.5 | 27.6 | 28.0 | 28.0 | 28.0 | 28.9 | 28.9 |
| 85° | 15.0 | 15.4 | 15.0 | 15.8 | 15.0 | 15.4 | 15.0 | 14.6 | 15.0 | 15.8 | 15.8 |
| 87.5° | 7.3 | 7.0 | 7.4 | 7.2 | 7.4 | 7.0 | 7.3 | 7.3 | 7.5 | 7.4 | 7.3 |
| 90° | 15.0 | 15.2 | 15.5 | 15.7 | 15.5 | 15.2 | 15.0 | 14.7 | 14.3 | 13.6 | 13.0 |
| 92.5° | 15.2 | 15.4 | 15.6 | 15.7 | 15.6 | 15.4 | 15.2 | 15.2 | 14.8 | 14.5 | 14.2 |
| 95° | 25.4 | 25.4 | 25.2 | 25.1 | 25.2 | 25.4 | 25.4 | 25.6 | 25.4 | 24.7 | 24.1 |
| 97.5° | 33.0 | 33.2 | 33.3 | 33.5 | 33.3 | 33.2 | 33.0 | 32.9 | 32.5 | 32.0 | 31.5 |
| 100° | 38.3 | 38.6 | 38.8 | 39.1 | 38.8 | 38.6 | 38.3 | 38.1 | 37.4 | 36.4 | 35.3 |
| 102.5° | 40.8 | 41.2 | 41.5 | 41.9 | 41.5 | 41.2 | 40.8 | 40.4 | 39.5 | 38.2 | 36.9 |
| 105° | 42.8 | 43.3 | 43.8 | 44.4 | 43.8 | 43.3 | 42.8 | 42.2 | 41.3 | 39.9 | 38.4 |
| 107.5° | 44.0 | 44.6 | 45.1 | 45.6 | 45.1 | 44.6 | 44.0 | 43.5 | 44.0 | 45.4 | 46.9 |
| 110° | 44.5 | 45.0 | 45.6 | 46.1 | 45.6 | 45.0 | 44.5 | 44.0 | 50.2 | 63.2 | 76.1 |



TEST NUMBER: P331687-930

CATALOG NUMBER: SA2XXRDIP-C675D725U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 45.3 | 45.7 | 46.1 | 46.6 | 46.1 | 45.7 | 45.3 | 44.8 | 68.3 | 115.6 | 162.9 |
| 115° | 75.8 | 66.4 | 57.2 | 47.9 | 57.2 | 66.4 | 75.8 | 85.1 | 119.8 | 179.9 | 239.9 |
| 117.5° | 287.2 | 256.6 | 225.9 | 195.3 | 225.9 | 256.6 | 287.2 | 317.9 | 340.5 | 355.0 | 369.6 |
| 120° | 408.2 | 390.8 | 373.2 | 355.8 | 373.2 | 390.8 | 408.2 | 425.7 | 433.7 | 432.2 | 430.6 |
| 122.5° | 454.1 | 450.7 | 447.4 | 443.9 | 447.4 | 450.7 | 454.1 | 457.5 | 458.8 | 457.8 | 456.9 |
| 125° | 497.5 | 497.9 | 498.2 | 498.6 | 498.2 | 497.9 | 497.5 | 497.1 | 496.4 | 495.5 | 494.6 |
| 127.5° | 533.0 | 533.0 | 533.1 | 533.2 | 533.1 | 533.0 | 533.0 | 532.9 | 532.1 | 530.8 | 529.5 |
| 130° | 555.1 | 554.9 | 554.7 | 554.6 | 554.7 | 554.9 | 555.1 | 555.1 | 554.5 | 553.1 | 551.6 |
| 132.5° | 576.0 | 575.9 | 575.8 | 575.6 | 575.8 | 575.9 | 576.0 | 576.2 | 575.6 | 574.4 | 573.2 |
| 135° | 606.7 | 606.5 | 606.2 | 605.9 | 606.2 | 606.5 | 606.7 | 607.0 | 606.5 | 605.2 | 603.9 |
| 137.5° | 635.0 | 634.5 | 634.1 | 633.6 | 634.1 | 634.5 | 635.0 | 635.4 | 635.0 | 633.7 | 632.4 |
| 140° | 652.8 | 652.2 | 651.5 | 650.9 | 651.5 | 652.2 | 652.8 | 653.5 | 653.2 | 652.0 | 650.9 |
| 142.5° | 669.6 | 669.0 | 668.3 | 667.6 | 668.3 | 669.0 | 669.6 | 670.3 | 670.0 | 669.0 | 667.9 |
| 145° | 693.1 | 692.4 | 691.8 | 691.1 | 691.8 | 692.4 | 693.1 | 693.7 | 693.6 | 692.7 | 691.8 |
| 147.5° | 713.4 | 712.8 | 712.3 | 711.8 | 712.3 | 712.8 | 713.4 | 714.0 | 713.9 | 713.2 | 712.5 |
| 150° | 726.3 | 725.6 | 725.0 | 724.3 | 725.0 | 725.6 | 726.3 | 726.9 | 726.8 | 726.1 | 725.3 |
| 152.5° | 737.7 | 736.8 | 736.0 | 735.1 | 736.0 | 736.8 | 737.7 | 738.5 | 738.6 | 737.8 | 736.9 |
| 155° | 753.1 | 752.1 | 751.1 | 750.0 | 751.1 | 752.1 | 753.1 | 754.2 | 754.3 | 753.5 | 752.8 |
| 157.5° | 766.7 | 765.6 | 764.7 | 763.7 | 764.7 | 765.6 | 766.7 | 767.7 | 767.8 | 766.9 | 766.0 |
| 160° | 774.3 | 773.4 | 772.5 | 771.6 | 772.5 | 773.4 | 774.3 | 775.2 | 775.3 | 774.5 | 773.7 |
| 162.5° | 781.5 | 780.3 | 779.3 | 778.1 | 779.3 | 780.3 | 781.5 | 782.6 | 782.7 | 781.8 | 780.9 |
| 165° | 790.7 | 789.7 | 788.8 | 787.9 | 788.8 | 789.7 | 790.7 | 791.6 | 791.6 | 790.7 | 789.7 |
| 167.5° | 797.6 | 796.5 | 795.2 | 794.1 | 795.2 | 796.5 | 797.6 | 798.7 | 798.9 | 798.0 | 797.1 |
| 170° | 801.4 | 800.1 | 799.0 | 797.9 | 799.0 | 800.1 | 801.4 | 802.5 | 802.7 | 801.7 | 800.8 |
| 172.5° | 804.1 | 803.0 | 801.8 | 800.6 | 801.8 | 803.0 | 804.1 | 805.3 | 805.4 | 804.5 | 803.6 |
| 175° | 807.0 | 805.7 | 804.4 | 803.1 | 804.4 | 805.7 | 807.0 | 808.3 | 808.5 | 807.6 | 806.7 |
| 177.5° | 807.4 | 806.5 | 805.5 | 804.6 | 805.5 | 806.5 | 807.4 | 808.4 | 808.5 | 807.7 | 807.0 |
| 180° | 806.0 | 806.0 | 806.0 | 806.0 | 806.0 | 806.0 | 806.0 | 806.0 | 806.0 | 806.0 | 806.0 |



TEST NUMBER: P331687-930

CATALOG NUMBER: SA2XXRDIP-C675D725U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1197.8 | 1197.8 | 1197.8 | 1197.8 | 1197.8 | 1197.8 | 1197.8 | 1197.8 | 1197.8 | 1197.8 | 1197.8 |
| 2.5° | 1151.8 | 1156.4 | 1163.4 | 1167.4 | 1174.1 | 1178.4 | 1180.8 | 1185.1 | 1187.4 | 1195.7 | 1204.4 |
| 5° | 1087.4 | 1094.1 | 1105.8 | 1116.6 | 1128.2 | 1140.3 | 1149.1 | 1159.0 | 1168.2 | 1184.0 | 1200.7 |
| 7.5° | 1013.7 | 1023.0 | 1041.0 | 1058.3 | 1078.6 | 1095.6 | 1110.7 | 1127.7 | 1143.0 | 1165.6 | 1189.3 |
| 10° | 958.5 | 974.7 | 998.4 | 1014.6 | 1041.3 | 1058.3 | 1082.1 | 1100.7 | 1122.0 | 1151.9 | 1178.6 |
| 12.5° | 910.9 | 930.4 | 949.4 | 972.0 | 996.0 | 1024.3 | 1050.4 | 1074.5 | 1099.7 | 1130.7 | 1162.0 |
| 15° | 824.4 | 852.7 | 882.3 | 905.1 | 937.7 | 967.6 | 998.0 | 1030.5 | 1061.3 | 1098.3 | 1139.1 |
| 17.5° | 713.2 | 746.0 | 795.7 | 834.9 | 873.0 | 903.1 | 940.7 | 980.0 | 1016.3 | 1060.9 | 1106.4 |
| 20° | 663.0 | 687.1 | 720.8 | 773.6 | 831.1 | 863.2 | 901.4 | 944.7 | 986.3 | 1035.0 | 1083.7 |
| 22.5° | 622.6 | 644.2 | 671.2 | 712.4 | 776.5 | 820.2 | 860.1 | 904.1 | 952.4 | 1002.1 | 1056.1 |
| 25° | 565.2 | 580.2 | 608.5 | 641.7 | 685.8 | 757.8 | 801.5 | 845.6 | 898.1 | 951.4 | 1012.9 |
| 27.5° | 522.0 | 535.4 | 553.8 | 585.6 | 618.4 | 670.1 | 739.6 | 787.7 | 840.0 | 899.9 | 963.8 |
| 30° | 489.0 | 504.8 | 525.2 | 547.7 | 583.5 | 623.9 | 693.3 | 749.1 | 800.7 | 862.3 | 930.6 |
| 32.5° | 465.0 | 477.5 | 494.9 | 517.7 | 547.6 | 586.2 | 641.7 | 709.5 | 759.8 | 824.7 | 895.9 |
| 35° | 425.7 | 440.3 | 454.4 | 476.1 | 500.3 | 535.7 | 577.6 | 650.0 | 700.0 | 764.1 | 835.7 |
| 37.5° | 393.4 | 402.3 | 417.9 | 435.0 | 460.6 | 486.9 | 523.3 | 588.3 | 642.3 | 705.2 | 778.5 |
| 40° | 368.8 | 379.9 | 391.6 | 410.7 | 431.5 | 457.0 | 492.8 | 541.0 | 603.0 | 664.6 | 736.2 |
| 42.5° | 344.8 | 359.0 | 371.3 | 384.1 | 406.9 | 432.4 | 461.5 | 502.4 | 565.7 | 624.0 | 693.6 |
| 45° | 315.8 | 325.1 | 337.9 | 352.0 | 370.8 | 392.5 | 418.2 | 454.0 | 514.8 | 565.2 | 630.5 |
| 47.5° | 282.3 | 295.6 | 304.0 | 317.9 | 335.7 | 356.3 | 380.3 | 411.2 | 460.5 | 507.7 | 568.3 |
| 50° | 259.3 | 273.0 | 285.1 | 297.6 | 313.4 | 333.4 | 353.4 | 383.3 | 422.8 | 472.4 | 529.0 |
| 52.5° | 239.6 | 251.7 | 263.4 | 275.9 | 291.4 | 309.7 | 328.7 | 355.0 | 388.9 | 434.4 | 489.3 |
| 55° | 212.6 | 220.1 | 232.2 | 244.7 | 258.4 | 275.9 | 294.2 | 316.3 | 345.4 | 383.7 | 428.3 |
| 57.5° | 185.0 | 193.7 | 203.3 | 215.8 | 229.8 | 243.1 | 259.6 | 279.6 | 302.6 | 337.2 | 375.3 |
| 60° | 169.4 | 176.0 | 183.9 | 196.8 | 209.8 | 221.8 | 237.7 | 254.3 | 275.9 | 305.9 | 338.3 |
| 62.5° | 152.1 | 158.4 | 165.7 | 176.8 | 189.5 | 200.5 | 214.3 | 232.0 | 250.3 | 277.6 | 306.1 |
| 65° | 123.2 | 132.3 | 139.4 | 149.4 | 159.8 | 171.5 | 182.3 | 196.4 | 212.6 | 234.3 | 259.7 |
| 67.5° | 102.2 | 106.8 | 113.3 | 122.5 | 133.1 | 143.1 | 153.4 | 164.4 | 178.5 | 195.2 | 215.3 |
| 70° | 92.8 | 94.5 | 95.7 | 104.4 | 114.5 | 124.4 | 134.0 | 144.4 | 156.5 | 170.2 | 187.7 |
| 72.5° | 81.9 | 83.5 | 85.0 | 88.8 | 96.8 | 106.8 | 116.7 | 124.4 | 135.8 | 147.2 | 161.4 |
| 75° | 64.9 | 67.4 | 68.6 | 70.8 | 73.7 | 80.3 | 89.4 | 96.9 | 103.6 | 112.3 | 123.6 |
| 77.5° | 49.4 | 50.9 | 52.2 | 54.4 | 56.2 | 59.3 | 64.4 | 71.2 | 77.4 | 82.5 | 90.3 |
| 80° | 39.1 | 39.5 | 41.2 | 42.1 | 44.5 | 46.6 | 49.1 | 54.5 | 60.7 | 62.9 | 68.2 |
| 82.5° | 29.4 | 29.9 | 31.2 | 32.0 | 33.2 | 35.0 | 38.2 | 39.5 | 44.4 | 47.2 | 50.6 |
| 85° | 16.2 | 15.8 | 17.0 | 17.0 | 17.9 | 18.8 | 19.6 | 21.6 | 22.9 | 26.3 | 27.1 |
| 87.5° | 7.4 | 7.3 | 7.4 | 7.3 | 7.0 | 7.5 | 7.6 | 7.7 | 8.0 | 8.7 | 9.8 |
| 90° | 12.3 | 11.7 | 10.6 | 9.6 | 8.6 | 7.5 | 6.3 | 4.9 | 3.4 | 2.0 | 0.6 |
| 92.5° | 13.9 | 13.5 | 13.0 | 12.5 | 12.0 | 11.5 | 11.3 | 11.4 | 11.5 | 11.7 | 11.7 |
| 95° | 23.4 | 22.7 | 21.9 | 21.0 | 20.1 | 19.1 | 20.8 | 25.1 | 29.4 | 33.7 | 37.9 |
| 97.5° | 31.0 | 30.4 | 28.4 | 26.3 | 24.1 | 22.0 | 27.0 | 39.1 | 51.1 | 63.2 | 75.3 |
| 100° | 34.2 | 33.3 | 31.1 | 28.9 | 26.7 | 24.5 | 32.2 | 50.0 | 67.8 | 85.4 | 103.2 |
| 102.5° | 35.5 | 34.2 | 52.6 | 71.0 | 89.4 | 107.9 | 119.0 | 122.8 | 126.5 | 130.3 | 134.0 |
| 105° | 37.0 | 35.5 | 70.9 | 106.3 | 141.7 | 177.1 | 192.8 | 189.0 | 185.1 | 181.2 | 177.3 |
| 107.5° | 48.3 | 49.8 | 92.2 | 134.7 | 177.1 | 219.6 | 239.2 | 236.0 | 232.9 | 229.8 | 226.7 |
| 110° | 89.1 | 102.1 | 139.5 | 177.0 | 214.4 | 251.8 | 269.2 | 266.5 | 263.8 | 261.1 | 258.4 |



TEST NUMBER: P331687-930

CATALOG NUMBER: SA2XXRDIP-C675D725U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 210.2 | 257.4 | 266.7 | 275.9 | 285.2 | 294.4 | 297.8 | 295.5 | 293.0 | 290.7 | 288.2 |
| 115° | 299.9 | 359.9 | 356.6 | 353.4 | 350.1 | 346.9 | 344.1 | 341.9 | 339.7 | 337.5 | 335.3 |
| 117.5° | 384.1 | 398.6 | 396.3 | 394.1 | 391.9 | 389.6 | 387.3 | 384.8 | 382.4 | 379.9 | 377.5 |
| 120° | 429.0 | 427.5 | 425.2 | 422.8 | 420.5 | 418.2 | 416.0 | 414.1 | 412.1 | 410.2 | 408.2 |
| 122.5° | 455.9 | 455.0 | 452.5 | 450.0 | 447.4 | 444.8 | 442.5 | 440.5 | 438.5 | 436.4 | 434.4 |
| 125° | 493.7 | 492.8 | 490.3 | 487.9 | 485.4 | 483.0 | 480.9 | 479.2 | 477.5 | 475.8 | 474.2 |
| 127.5° | 528.2 | 526.8 | 525.1 | 523.2 | 521.4 | 519.5 | 517.6 | 515.8 | 514.0 | 512.1 | 510.2 |
| 130° | 550.2 | 548.8 | 547.4 | 545.9 | 544.5 | 543.1 | 541.4 | 539.2 | 537.2 | 535.2 | 533.0 |
| 132.5° | 571.9 | 570.7 | 569.3 | 567.9 | 566.5 | 565.0 | 563.5 | 561.7 | 559.9 | 558.2 | 556.4 |
| 135° | 602.6 | 601.3 | 600.1 | 598.9 | 597.8 | 596.6 | 595.0 | 593.0 | 590.8 | 588.8 | 586.7 |
| 137.5° | 631.1 | 629.9 | 628.5 | 627.2 | 625.9 | 624.6 | 623.2 | 621.7 | 620.3 | 618.8 | 617.4 |
| 140° | 649.7 | 648.6 | 647.1 | 645.7 | 644.2 | 642.9 | 641.6 | 640.6 | 639.5 | 638.5 | 637.5 |
| 142.5° | 666.8 | 665.8 | 664.1 | 662.5 | 660.9 | 659.3 | 657.9 | 657.0 | 656.2 | 655.2 | 654.3 |
| 145° | 690.9 | 689.9 | 687.7 | 685.5 | 683.3 | 681.1 | 680.1 | 680.2 | 680.4 | 680.4 | 680.6 |
| 147.5° | 711.8 | 711.2 | 709.0 | 706.8 | 704.7 | 702.5 | 701.6 | 702.1 | 702.6 | 703.1 | 703.6 |
| 150° | 724.6 | 723.7 | 721.7 | 719.6 | 717.5 | 715.5 | 714.9 | 715.8 | 716.7 | 717.6 | 718.5 |
| 152.5° | 736.2 | 735.4 | 733.4 | 731.5 | 729.5 | 727.6 | 727.1 | 728.1 | 729.1 | 730.1 | 731.1 |
| 155° | 752.0 | 751.1 | 749.6 | 748.0 | 746.5 | 744.9 | 744.8 | 745.9 | 747.1 | 748.3 | 749.4 |
| 157.5° | 765.2 | 764.3 | 763.1 | 762.1 | 761.0 | 759.9 | 759.9 | 760.8 | 761.8 | 762.8 | 763.8 |
| 160° | 773.0 | 772.2 | 771.4 | 770.6 | 769.8 | 769.1 | 769.1 | 769.8 | 770.6 | 771.4 | 772.2 |
| 162.5° | 780.1 | 779.2 | 778.5 | 777.8 | 777.1 | 776.5 | 776.5 | 777.3 | 778.1 | 778.9 | 779.7 |
| 165° | 788.8 | 787.9 | 787.5 | 787.2 | 786.8 | 786.4 | 786.5 | 787.3 | 788.1 | 788.9 | 789.7 |
| 167.5° | 796.1 | 795.2 | 794.9 | 794.5 | 794.2 | 793.8 | 794.0 | 794.8 | 795.6 | 796.4 | 797.1 |
| 170° | 799.9 | 799.0 | 798.7 | 798.5 | 798.3 | 797.9 | 798.3 | 799.0 | 799.8 | 800.5 | 801.4 |
| 172.5° | 802.7 | 801.8 | 801.5 | 801.3 | 801.0 | 800.8 | 801.0 | 801.8 | 802.6 | 803.3 | 804.1 |
| 175° | 805.8 | 804.9 | 804.5 | 804.3 | 804.0 | 803.8 | 804.1 | 805.0 | 805.9 | 806.8 | 807.7 |
| 177.5° | 806.2 | 805.5 | 805.4 | 805.4 | 805.2 | 805.1 | 805.4 | 806.2 | 806.9 | 807.6 | 808.4 |
| 180° | 806.0 | 806.0 | 806.0 | 806.0 | 806.0 | 806.0 | 806.0 | 806.0 | 806.0 | 806.0 | 806.0 |



TEST NUMBER: P331687-930
 CATALOG NUMBER: SA2XXRDIP-C675D725U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1197.8 | 1197.8 | 1197.8 | 1197.8 | 1197.8 | 1197.8 | 1197.8 | 1197.8 | 1197.8 | 1197.8 | 1197.8 |
| 2.5° | 1204.8 | 1205.7 | 1212.4 | 1215.4 | 1221.4 | 1223.7 | 1226.4 | 1225.7 | 1225.7 | 1227.0 | 1236.4 |
| 5° | 1207.3 | 1215.6 | 1228.1 | 1240.2 | 1251.8 | 1261.8 | 1268.5 | 1275.1 | 1277.7 | 1289.7 | 1300.6 |
| 7.5° | 1203.0 | 1218.3 | 1238.9 | 1257.4 | 1279.4 | 1296.7 | 1310.9 | 1323.9 | 1332.7 | 1350.2 | 1368.2 |
| 10° | 1197.3 | 1219.0 | 1242.3 | 1266.0 | 1296.4 | 1319.2 | 1342.6 | 1360.5 | 1366.3 | 1392.5 | 1407.5 |
| 12.5° | 1186.0 | 1215.0 | 1244.6 | 1275.3 | 1305.0 | 1336.6 | 1362.2 | 1380.1 | 1400.6 | 1424.2 | 1451.8 |
| 15° | 1169.1 | 1202.3 | 1241.0 | 1280.6 | 1323.0 | 1361.3 | 1388.8 | 1420.0 | 1442.4 | 1468.3 | 1492.4 |
| 17.5° | 1144.6 | 1187.5 | 1236.7 | 1282.5 | 1331.5 | 1372.7 | 1410.5 | 1440.5 | 1456.3 | 1471.0 | 1474.6 |
| 20° | 1125.4 | 1171.5 | 1229.4 | 1283.4 | 1332.6 | 1380.1 | 1417.5 | 1442.4 | 1446.6 | 1447.0 | 1425.0 |
| 22.5° | 1104.3 | 1156.5 | 1217.1 | 1272.5 | 1331.2 | 1384.1 | 1413.2 | 1423.8 | 1407.3 | 1379.1 | 1336.4 |
| 25° | 1065.8 | 1126.2 | 1196.5 | 1259.7 | 1323.9 | 1373.8 | 1383.8 | 1365.1 | 1307.2 | 1246.4 | 1169.5 |
| 27.5° | 1024.0 | 1091.8 | 1167.3 | 1237.6 | 1305.9 | 1336.8 | 1315.2 | 1247.7 | 1143.5 | 1053.0 | 943.2 |
| 30° | 993.4 | 1069.6 | 1143.6 | 1222.3 | 1285.6 | 1298.9 | 1249.4 | 1149.9 | 1028.3 | 891.9 | 782.4 |
| 32.5° | 958.5 | 1038.3 | 1119.7 | 1201.0 | 1253.9 | 1241.0 | 1159.1 | 1036.7 | 894.2 | 760.0 | 656.6 |
| 35° | 908.5 | 990.9 | 1078.7 | 1160.3 | 1194.0 | 1137.8 | 1015.5 | 856.1 | 710.4 | 585.1 | 514.0 |
| 37.5° | 850.8 | 940.5 | 1031.8 | 1106.8 | 1104.3 | 1010.7 | 844.1 | 679.6 | 557.1 | 483.0 | 432.4 |
| 40° | 809.8 | 900.6 | 999.2 | 1062.5 | 1035.4 | 913.5 | 732.9 | 577.6 | 488.2 | 429.1 | 392.0 |
| 42.5° | 770.6 | 861.6 | 959.6 | 1009.9 | 962.9 | 812.9 | 633.0 | 511.4 | 437.6 | 391.4 | 361.4 |
| 45° | 703.8 | 799.9 | 890.6 | 918.5 | 834.5 | 669.2 | 511.9 | 423.6 | 374.5 | 340.5 | 319.6 |
| 47.5° | 638.4 | 733.0 | 815.8 | 816.3 | 702.5 | 542.7 | 431.8 | 366.6 | 324.7 | 298.3 | 283.2 |
| 50° | 598.4 | 688.4 | 757.8 | 747.1 | 618.0 | 482.7 | 386.2 | 330.0 | 295.1 | 274.7 | 258.9 |
| 52.5° | 553.5 | 640.7 | 700.9 | 670.1 | 546.4 | 424.9 | 345.3 | 298.1 | 269.1 | 251.4 | 237.3 |
| 55° | 488.2 | 565.6 | 608.1 | 561.4 | 445.7 | 353.4 | 291.7 | 254.7 | 233.1 | 218.1 | 206.0 |
| 57.5° | 424.0 | 487.9 | 514.5 | 460.3 | 367.1 | 293.0 | 246.8 | 219.0 | 197.5 | 186.8 | 180.5 |
| 60° | 383.7 | 438.2 | 457.0 | 397.1 | 319.2 | 256.3 | 218.5 | 192.7 | 176.8 | 169.8 | 163.5 |
| 62.5° | 344.1 | 388.7 | 396.4 | 341.4 | 278.3 | 224.4 | 191.8 | 170.1 | 159.6 | 152.8 | 146.9 |
| 65° | 285.5 | 317.6 | 313.8 | 269.7 | 220.1 | 178.1 | 154.4 | 141.0 | 133.1 | 123.6 | 113.2 |
| 67.5° | 235.1 | 254.6 | 242.8 | 209.8 | 168.0 | 138.4 | 122.9 | 112.8 | 103.1 | 94.0 | 91.6 |
| 70° | 203.1 | 214.3 | 201.9 | 171.5 | 137.8 | 116.1 | 103.6 | 91.6 | 85.8 | 83.6 | 79.9 |
| 72.5° | 172.4 | 176.3 | 162.9 | 136.8 | 112.1 | 96.1 | 84.0 | 77.2 | 74.1 | 72.3 | 70.0 |
| 75° | 129.5 | 126.5 | 114.9 | 94.5 | 77.9 | 67.0 | 63.3 | 60.7 | 58.7 | 57.0 | 55.8 |
| 77.5° | 90.9 | 86.7 | 76.2 | 62.9 | 54.2 | 49.0 | 46.8 | 45.4 | 44.4 | 43.6 | 42.4 |
| 80° | 68.2 | 65.3 | 55.0 | 44.9 | 41.2 | 38.7 | 37.4 | 35.8 | 35.8 | 35.0 | 33.7 |
| 82.5° | 50.0 | 46.7 | 37.6 | 32.9 | 30.9 | 29.4 | 28.5 | 27.5 | 27.1 | 27.3 | 26.4 |
| 85° | 26.3 | 21.2 | 18.8 | 17.9 | 16.6 | 15.8 | 16.2 | 15.4 | 15.4 | 15.4 | 15.0 |
| 87.5° | 8.4 | 7.0 | 6.9 | 6.9 | 7.5 | 7.7 | 7.6 | 7.7 | 8.3 | 8.2 | 8.6 |
| 90° | 2.0 | 3.4 | 4.9 | 6.3 | 7.5 | 8.6 | 9.6 | 10.6 | 11.7 | 12.3 | 13.0 |
| 92.5° | 11.7 | 11.5 | 11.4 | 11.3 | 11.5 | 12.0 | 12.5 | 13.0 | 13.5 | 13.9 | 14.2 |
| 95° | 33.7 | 29.4 | 25.1 | 20.8 | 19.1 | 20.1 | 21.0 | 21.9 | 22.7 | 23.4 | 24.1 |
| 97.5° | 63.2 | 51.1 | 39.1 | 27.0 | 22.0 | 24.1 | 26.3 | 28.4 | 30.4 | 31.0 | 31.5 |
| 100° | 85.4 | 67.8 | 50.0 | 32.2 | 24.5 | 26.7 | 28.9 | 31.1 | 33.3 | 34.2 | 35.3 |
| 102.5° | 130.3 | 126.5 | 122.8 | 119.0 | 107.9 | 89.4 | 71.0 | 52.6 | 34.2 | 35.5 | 36.9 |
| 105° | 181.2 | 185.1 | 189.0 | 192.8 | 177.1 | 141.7 | 106.3 | 70.9 | 35.5 | 37.0 | 38.4 |
| 107.5° | 229.8 | 232.9 | 236.0 | 239.2 | 219.6 | 177.1 | 134.7 | 92.2 | 49.8 | 48.3 | 46.9 |
| 110° | 261.1 | 263.8 | 266.5 | 269.2 | 251.8 | 214.4 | 177.0 | 139.5 | 102.1 | 89.1 | 76.1 |



TEST NUMBER: P331687-930

CATALOG NUMBER: SA2XXRDIP-C675D725U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 290.7 | 293.0 | 295.5 | 297.8 | 294.4 | 285.2 | 275.9 | 266.7 | 257.4 | 210.2 | 162.9 |
| 115° | 337.5 | 339.7 | 341.9 | 344.1 | 346.9 | 350.1 | 353.4 | 356.6 | 359.9 | 299.9 | 239.9 |
| 117.5° | 379.9 | 382.4 | 384.8 | 387.3 | 389.6 | 391.9 | 394.1 | 396.3 | 398.6 | 384.1 | 369.6 |
| 120° | 410.2 | 412.1 | 414.1 | 416.0 | 418.2 | 420.5 | 422.8 | 425.2 | 427.5 | 429.0 | 430.6 |
| 122.5° | 436.4 | 438.5 | 440.5 | 442.5 | 444.8 | 447.4 | 450.0 | 452.5 | 455.0 | 455.9 | 456.9 |
| 125° | 475.8 | 477.5 | 479.2 | 480.9 | 483.0 | 485.4 | 487.9 | 490.3 | 492.8 | 493.7 | 494.6 |
| 127.5° | 512.1 | 514.0 | 515.8 | 517.6 | 519.5 | 521.4 | 523.2 | 525.1 | 526.8 | 528.2 | 529.5 |
| 130° | 535.2 | 537.2 | 539.2 | 541.4 | 543.1 | 544.5 | 545.9 | 547.4 | 548.8 | 550.2 | 551.6 |
| 132.5° | 558.2 | 559.9 | 561.7 | 563.5 | 565.0 | 566.5 | 567.9 | 569.3 | 570.7 | 571.9 | 573.2 |
| 135° | 588.8 | 590.8 | 593.0 | 595.0 | 596.6 | 597.8 | 598.9 | 600.1 | 601.3 | 602.6 | 603.9 |
| 137.5° | 618.8 | 620.3 | 621.7 | 623.2 | 624.6 | 625.9 | 627.2 | 628.5 | 629.9 | 631.1 | 632.4 |
| 140° | 638.5 | 639.5 | 640.6 | 641.6 | 642.9 | 644.2 | 645.7 | 647.1 | 648.6 | 649.7 | 650.9 |
| 142.5° | 655.2 | 656.2 | 657.0 | 657.9 | 659.3 | 660.9 | 662.5 | 664.1 | 665.8 | 666.8 | 667.9 |
| 145° | 680.4 | 680.4 | 680.2 | 680.1 | 681.1 | 683.3 | 685.5 | 687.7 | 689.9 | 690.9 | 691.8 |
| 147.5° | 703.1 | 702.6 | 702.1 | 701.6 | 702.5 | 704.7 | 706.8 | 709.0 | 711.2 | 711.8 | 712.5 |
| 150° | 717.6 | 716.7 | 715.8 | 714.9 | 715.5 | 717.5 | 719.6 | 721.7 | 723.7 | 724.6 | 725.3 |
| 152.5° | 730.1 | 729.1 | 728.1 | 727.1 | 727.6 | 729.5 | 731.5 | 733.4 | 735.4 | 736.2 | 736.9 |
| 155° | 748.3 | 747.1 | 745.9 | 744.8 | 744.9 | 746.5 | 748.0 | 749.6 | 751.1 | 752.0 | 752.8 |
| 157.5° | 762.8 | 761.8 | 760.8 | 759.9 | 759.9 | 761.0 | 762.1 | 763.1 | 764.3 | 765.2 | 766.0 |
| 160° | 771.4 | 770.6 | 769.8 | 769.1 | 769.1 | 769.8 | 770.6 | 771.4 | 772.2 | 773.0 | 773.7 |
| 162.5° | 778.9 | 778.1 | 777.3 | 776.5 | 776.5 | 777.1 | 777.8 | 778.5 | 779.2 | 780.1 | 780.9 |
| 165° | 788.9 | 788.1 | 787.3 | 786.5 | 786.4 | 786.8 | 787.2 | 787.5 | 787.9 | 788.8 | 789.7 |
| 167.5° | 796.4 | 795.6 | 794.8 | 794.0 | 793.8 | 794.2 | 794.5 | 794.9 | 795.2 | 796.1 | 797.1 |
| 170° | 800.5 | 799.8 | 799.0 | 798.3 | 797.9 | 798.3 | 798.5 | 798.7 | 799.0 | 799.9 | 800.8 |
| 172.5° | 803.3 | 802.6 | 801.8 | 801.0 | 800.8 | 801.0 | 801.3 | 801.5 | 801.8 | 802.7 | 803.6 |
| 175° | 806.8 | 805.9 | 805.0 | 804.1 | 803.8 | 804.0 | 804.3 | 804.5 | 804.9 | 805.8 | 806.7 |
| 177.5° | 807.6 | 806.9 | 806.2 | 805.4 | 805.1 | 805.2 | 805.4 | 805.4 | 805.5 | 806.2 | 807.0 |
| 180° | 806.0 | 806.0 | 806.0 | 806.0 | 806.0 | 806.0 | 806.0 | 806.0 | 806.0 | 806.0 | 806.0 |



TEST NUMBER: P331687-930

CATALOG NUMBER: SA2XXRDIP-C675D725U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1197.8 | 1197.8 | 1197.8 | 1197.8 | 1197.8 | 1197.8 | 1197.8 |
| 2.5° | 1239.7 | 1244.0 | 1246.0 | 1246.0 | 1248.4 | 1247.3 | 1246.3 |
| 5° | 1310.9 | 1318.8 | 1320.5 | 1328.0 | 1333.4 | 1331.7 | 1332.6 |
| 7.5° | 1381.8 | 1394.5 | 1407.0 | 1412.8 | 1413.7 | 1417.1 | 1418.3 |
| 10° | 1425.4 | 1435.8 | 1455.4 | 1452.5 | 1467.0 | 1475.4 | 1461.6 |
| 12.5° | 1467.4 | 1481.4 | 1494.9 | 1498.7 | 1507.0 | 1509.6 | 1504.2 |
| 15° | 1505.3 | 1512.8 | 1513.6 | 1511.6 | 1514.0 | 1512.0 | 1504.1 |
| 17.5° | 1469.8 | 1457.7 | 1433.1 | 1421.4 | 1412.2 | 1398.5 | 1393.0 |
| 20° | 1411.2 | 1375.4 | 1333.8 | 1317.2 | 1297.6 | 1259.3 | 1268.5 |
| 22.5° | 1284.7 | 1243.9 | 1202.3 | 1153.7 | 1130.5 | 1094.2 | 1092.0 |
| 25° | 1087.9 | 1017.6 | 940.1 | 886.1 | 854.4 | 818.2 | 802.4 |
| 27.5° | 845.8 | 757.2 | 693.8 | 661.7 | 632.5 | 603.8 | 602.6 |
| 30° | 686.6 | 620.1 | 571.0 | 543.6 | 525.6 | 513.6 | 516.1 |
| 32.5° | 578.8 | 533.2 | 500.1 | 477.3 | 464.1 | 454.9 | 454.8 |
| 35° | 473.2 | 442.0 | 420.8 | 411.2 | 401.6 | 394.9 | 395.3 |
| 37.5° | 405.0 | 386.2 | 374.4 | 363.8 | 357.8 | 354.6 | 352.8 |
| 40° | 370.0 | 354.6 | 345.4 | 339.2 | 334.2 | 329.6 | 328.8 |
| 42.5° | 342.3 | 329.6 | 320.4 | 315.5 | 310.9 | 307.6 | 306.8 |
| 45° | 303.8 | 293.4 | 285.1 | 279.6 | 277.6 | 274.7 | 274.7 |
| 47.5° | 270.3 | 260.0 | 253.6 | 250.1 | 246.5 | 244.6 | 244.5 |
| 50° | 247.6 | 239.7 | 233.9 | 231.8 | 228.9 | 227.6 | 227.2 |
| 52.5° | 227.3 | 221.4 | 217.3 | 215.8 | 214.6 | 213.0 | 213.3 |
| 55° | 199.7 | 196.4 | 194.8 | 193.6 | 191.4 | 188.9 | 190.6 |
| 57.5° | 176.5 | 173.7 | 169.3 | 165.3 | 163.4 | 161.7 | 162.3 |
| 60° | 160.2 | 154.4 | 148.5 | 144.0 | 142.8 | 139.0 | 139.0 |
| 62.5° | 139.6 | 131.4 | 124.3 | 121.7 | 120.4 | 118.7 | 118.4 |
| 65° | 107.4 | 104.0 | 102.4 | 100.7 | 99.9 | 99.9 | 99.1 |
| 67.5° | 88.9 | 87.6 | 85.9 | 85.4 | 84.5 | 84.3 | 84.1 |
| 70° | 78.7 | 77.0 | 76.1 | 75.7 | 74.9 | 75.3 | 74.1 |
| 72.5° | 68.6 | 67.3 | 67.2 | 66.1 | 65.6 | 65.6 | 64.7 |
| 75° | 54.1 | 54.1 | 53.6 | 53.2 | 52.4 | 52.0 | 52.4 |
| 77.5° | 41.6 | 41.7 | 40.9 | 40.8 | 40.8 | 40.8 | 40.4 |
| 80° | 33.3 | 33.7 | 33.3 | 32.9 | 32.4 | 32.9 | 32.4 |
| 82.5° | 26.3 | 25.7 | 25.6 | 25.5 | 25.4 | 25.2 | 25.1 |
| 85° | 15.0 | 15.4 | 15.0 | 14.6 | 14.6 | 14.6 | 15.0 |
| 87.5° | 8.4 | 8.5 | 8.6 | 8.6 | 8.7 | 8.7 | 8.5 |
| 90° | 13.6 | 14.3 | 14.7 | 15.0 | 15.2 | 15.5 | 15.7 |
| 92.5° | 14.5 | 14.8 | 15.2 | 15.2 | 15.4 | 15.6 | 15.7 |
| 95° | 24.7 | 25.4 | 25.6 | 25.4 | 25.4 | 25.2 | 25.1 |
| 97.5° | 32.0 | 32.5 | 32.9 | 33.0 | 33.2 | 33.3 | 33.5 |
| 100° | 36.4 | 37.4 | 38.1 | 38.3 | 38.6 | 38.8 | 39.1 |
| 102.5° | 38.2 | 39.5 | 40.4 | 40.8 | 41.2 | 41.5 | 41.9 |
| 105° | 39.9 | 41.3 | 42.2 | 42.8 | 43.3 | 43.8 | 44.4 |
| 107.5° | 45.4 | 44.0 | 43.5 | 44.0 | 44.6 | 45.1 | 45.6 |
| 110° | 63.2 | 50.2 | 44.0 | 44.5 | 45.0 | 45.6 | 46.1 |



TEST NUMBER: P331687-930

CATALOG NUMBER: SA2XXRDIP-C675D725U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 115.6 | 68.3 | 44.8 | 45.3 | 45.7 | 46.1 | 46.6 |
| 115° | 179.9 | 119.8 | 85.1 | 75.8 | 66.4 | 57.2 | 47.9 |
| 117.5° | 355.0 | 340.5 | 317.9 | 287.2 | 256.6 | 225.9 | 195.3 |
| 120° | 432.2 | 433.7 | 425.7 | 408.2 | 390.8 | 373.2 | 355.8 |
| 122.5° | 457.8 | 458.8 | 457.5 | 454.1 | 450.7 | 447.4 | 443.9 |
| 125° | 495.5 | 496.4 | 497.1 | 497.5 | 497.9 | 498.2 | 498.6 |
| 127.5° | 530.8 | 532.1 | 532.9 | 533.0 | 533.0 | 533.1 | 533.2 |
| 130° | 553.1 | 554.5 | 555.1 | 555.1 | 554.9 | 554.7 | 554.6 |
| 132.5° | 574.4 | 575.6 | 576.2 | 576.0 | 575.9 | 575.8 | 575.6 |
| 135° | 605.2 | 606.5 | 607.0 | 606.7 | 606.5 | 606.2 | 605.9 |
| 137.5° | 633.7 | 635.0 | 635.4 | 635.0 | 634.5 | 634.1 | 633.6 |
| 140° | 652.0 | 653.2 | 653.5 | 652.8 | 652.2 | 651.5 | 650.9 |
| 142.5° | 669.0 | 670.0 | 670.3 | 669.6 | 669.0 | 668.3 | 667.6 |
| 145° | 692.7 | 693.6 | 693.7 | 693.1 | 692.4 | 691.8 | 691.1 |
| 147.5° | 713.2 | 713.9 | 714.0 | 713.4 | 712.8 | 712.3 | 711.8 |
| 150° | 726.1 | 726.8 | 726.9 | 726.3 | 725.6 | 725.0 | 724.3 |
| 152.5° | 737.8 | 738.6 | 738.5 | 737.7 | 736.8 | 736.0 | 735.1 |
| 155° | 753.5 | 754.3 | 754.2 | 753.1 | 752.1 | 751.1 | 750.0 |
| 157.5° | 766.9 | 767.8 | 767.7 | 766.7 | 765.6 | 764.7 | 763.7 |
| 160° | 774.5 | 775.3 | 775.2 | 774.3 | 773.4 | 772.5 | 771.6 |
| 162.5° | 781.8 | 782.7 | 782.6 | 781.5 | 780.3 | 779.3 | 778.1 |
| 165° | 790.7 | 791.6 | 791.6 | 790.7 | 789.7 | 788.8 | 787.9 |
| 167.5° | 798.0 | 798.9 | 798.7 | 797.6 | 796.5 | 795.2 | 794.1 |
| 170° | 801.7 | 802.7 | 802.5 | 801.4 | 800.1 | 799.0 | 797.9 |
| 172.5° | 804.5 | 805.4 | 805.3 | 804.1 | 803.0 | 801.8 | 800.6 |
| 175° | 807.6 | 808.5 | 808.3 | 807.0 | 805.7 | 804.4 | 803.1 |
| 177.5° | 807.7 | 808.5 | 808.4 | 807.4 | 806.5 | 805.5 | 804.6 |
| 180° | 806.0 | 806.0 | 806.0 | 806.0 | 806.0 | 806.0 | 806.0 |

(END OF REPORT)