

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: P331675-830

Luminaire Tested: **S122RDIP-S675D330U830-4F0-1E-UDD-A**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P331675-830
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-2,
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: S122RDIP-S675D330U830-4F0-1E-UDD-A
Description: DEFINE 2 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 675 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING
UPLIGHT 330 LUMENS PER FOOT, NO LENS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3628.3 lumens
Efficiency: N/A
Efficacy: 103.7 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: Semi-Direct

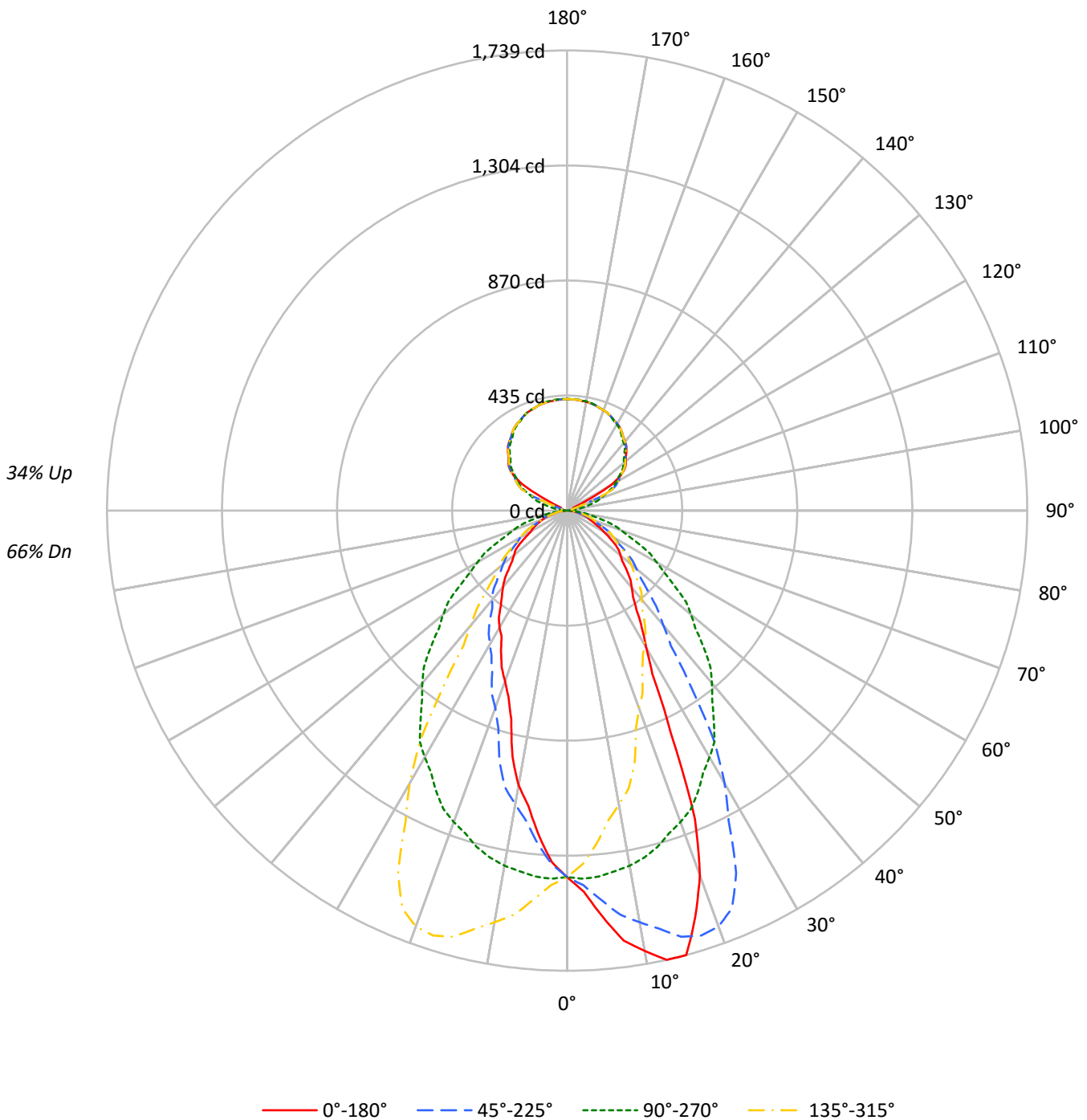
Input Watts (W): 35
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P331675-830

CATALOG NUMBER: S122RDIP-S675D330U830-4F0-1E-UDD-A

Luminous Intensity Polar Plot





TEST NUMBER: P331675-830

CATALOG NUMBER: S122RDIP-S675D330U830-4F0-1E-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 | 0 |
| RCR | | | | | | | | | | | | | | | | | | |
| 0 | 111 | 111 | 111 | 111 | 104 | 104 | 104 | 104 | 92 | 92 | 92 | 81 | 81 | 81 | 71 | 71 | 71 | 66 |
| 1 | 102 | 98 | 95 | 91 | 96 | 93 | 90 | 87 | 82 | 80 | 78 | 73 | 71 | 70 | 64 | 63 | 62 | 58 |
| 2 | 94 | 87 | 81 | 77 | 88 | 82 | 77 | 73 | 74 | 70 | 66 | 65 | 62 | 60 | 58 | 56 | 54 | 50 |
| 3 | 87 | 78 | 71 | 65 | 81 | 74 | 67 | 62 | 66 | 61 | 57 | 59 | 55 | 52 | 52 | 49 | 47 | 44 |
| 4 | 80 | 70 | 62 | 56 | 75 | 66 | 59 | 54 | 59 | 54 | 50 | 53 | 49 | 46 | 48 | 44 | 42 | 39 |
| 5 | 74 | 63 | 55 | 49 | 70 | 60 | 53 | 47 | 54 | 48 | 44 | 49 | 44 | 40 | 43 | 40 | 37 | 34 |
| 6 | 69 | 57 | 49 | 44 | 65 | 54 | 47 | 42 | 49 | 43 | 39 | 44 | 40 | 36 | 40 | 36 | 33 | 31 |
| 7 | 64 | 52 | 44 | 39 | 60 | 50 | 43 | 38 | 45 | 39 | 35 | 41 | 36 | 33 | 37 | 33 | 30 | 28 |
| 8 | 60 | 48 | 40 | 35 | 56 | 46 | 39 | 34 | 42 | 36 | 32 | 38 | 33 | 30 | 34 | 30 | 28 | 25 |
| 9 | 56 | 44 | 37 | 32 | 53 | 42 | 35 | 31 | 38 | 33 | 29 | 35 | 30 | 27 | 32 | 28 | 25 | 23 |
| 10 | 52 | 41 | 34 | 29 | 50 | 39 | 32 | 28 | 36 | 30 | 26 | 33 | 28 | 25 | 30 | 26 | 23 | 21 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 22357 | 22357 | 22357 | 22357 |
| 5° | 24969 | 22498 | 19947 | 22498 |
| 10° | 27702 | 22338 | 17290 | 22338 |
| 15° | 29065 | 22011 | 13623 | 22011 |
| 20° | 25197 | 21526 | 11789 | 21526 |
| 25° | 16527 | 20861 | 10525 | 20861 |
| 30° | 11123 | 20057 | 9527 | 20057 |
| 35° | 9008 | 19042 | 8592 | 19042 |
| 40° | 8011 | 17939 | 7950 | 17939 |
| 45° | 7250 | 16643 | 7099 | 16643 |
| 50° | 6599 | 15360 | 6574 | 15360 |
| 55° | 6204 | 13937 | 6120 | 13937 |
| 60° | 5189 | 12633 | 5125 | 12633 |
| 65° | 4374 | 11469 | 4963 | 11469 |
| 70° | 4046 | 10244 | 4683 | 10244 |
| 75° | 3780 | 8914 | 4323 | 8914 |
| 80° | 3487 | 7336 | 3849 | 7336 |
| 85° | 3205 | 5798 | 3390 | 5798 |



TEST NUMBER: P331675-830

CATALOG NUMBER: S122RDIP-S675D330U830-4F0-1E-UDD-A

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 131.3 | 3.6 |
| 10°-20° | 365.7 | 10.1 |
| 20°-30° | 471.3 | 13.0 |
| 30°-40° | 447.9 | 12.3 |
| 40°-50° | 383.7 | 10.6 |
| 50°-60° | 292.2 | 8.1 |
| 60°-70° | 184.7 | 5.1 |
| 70°-80° | 92.2 | 2.5 |
| 80°-90° | 25.0 | 0.7 |
| 90°-100° | 14.0 | 0.4 |
| 100°-110° | 51.5 | 1.4 |
| 110°-120° | 137.7 | 3.8 |
| 120°-130° | 227.3 | 6.3 |
| 130°-140° | 241.8 | 6.7 |
| 140°-150° | 224.7 | 6.2 |
| 150°-160° | 180.7 | 5.0 |
| 160°-170° | 116.4 | 3.2 |
| 170°-180° | 40.1 | 1.1 |
| 0°-30° | 968.3 | 26.7 |
| 0°-40° | 1416.2 | 39.0 |
| 0°-60° | 2092.1 | 57.7 |
| 0°-90° | 2394.1 | 66.0 |
| 90°-120° | 203.3 | 5.6 |
| 90°-150° | 897.1 | 24.7 |
| 90°-180° | 1234.0 | 34.0 |
| 0°-180° | 3628.3 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 1385 | 1385 | 1385 | 1385 | 1385 | |
| 5° | 1541 | 1388 | 1231 | 1388 | 1541 | 152 |
| 15° | 1739 | 1317 | 815 | 1317 | 1739 | 469 |
| 25° | 928 | 1171 | 591 | 1171 | 928 | 440 |
| 35° | 457 | 966 | 436 | 966 | 457 | 292 |
| 45° | 318 | 729 | 311 | 729 | 318 | 246 |
| 55° | 220 | 495 | 217 | 495 | 220 | 193 |
| 65° | 114 | 300 | 130 | 300 | 114 | 117 |
| 75° | 61 | 143 | 69 | 143 | 61 | 64 |
| 85° | 17 | 31 | 18 | 31 | 17 | 19 |
| 90° | 8 | 0 | 8 | 0 | 8 | 4 |
| 95° | 13 | 20 | 13 | 20 | 13 | 12 |
| 105° | 23 | 93 | 23 | 93 | 23 | 24 |
| 115° | 25 | 175 | 25 | 175 | 25 | 63 |
| 125° | 260 | 248 | 260 | 248 | 260 | 225 |
| 135° | 317 | 307 | 317 | 307 | 317 | 244 |
| 145° | 361 | 356 | 361 | 356 | 361 | 226 |
| 155° | 392 | 392 | 392 | 392 | 392 | 181 |
| 165° | 412 | 413 | 412 | 413 | 412 | 116 |
| 175° | 420 | 422 | 420 | 422 | 420 | 40 |
| 180° | 421 | 421 | 421 | 421 | 421 | |



TEST NUMBER: P331675-830

CATALOG NUMBER: S122RDIP-S675D330U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1384.7 | 1384.7 | 1384.7 | 1384.7 | 1384.7 | 1384.7 | 1384.7 | 1384.7 | 1384.7 | 1384.7 | 1384.7 |
| 2.5° | 1440.9 | 1442.0 | 1443.2 | 1440.5 | 1440.5 | 1438.1 | 1433.1 | 1429.4 | 1418.5 | 1417.0 | 1417.0 |
| 5° | 1540.6 | 1539.5 | 1541.5 | 1535.3 | 1526.6 | 1524.7 | 1515.5 | 1503.5 | 1491.0 | 1477.1 | 1474.1 |
| 7.5° | 1639.6 | 1638.2 | 1634.4 | 1633.3 | 1626.6 | 1612.1 | 1597.4 | 1581.8 | 1560.9 | 1540.7 | 1530.5 |
| 10° | 1689.7 | 1705.6 | 1695.9 | 1679.1 | 1682.5 | 1659.9 | 1647.8 | 1627.2 | 1609.9 | 1579.5 | 1572.8 |
| 12.5° | 1739.0 | 1745.2 | 1742.2 | 1732.6 | 1728.2 | 1712.6 | 1696.4 | 1678.4 | 1646.4 | 1619.2 | 1595.5 |
| 15° | 1738.8 | 1747.9 | 1750.3 | 1747.5 | 1749.8 | 1748.9 | 1740.2 | 1725.3 | 1697.4 | 1667.5 | 1641.6 |
| 17.5° | 1610.4 | 1616.7 | 1632.6 | 1643.2 | 1656.7 | 1685.2 | 1699.2 | 1704.7 | 1700.5 | 1683.6 | 1665.3 |
| 20° | 1466.5 | 1455.9 | 1500.2 | 1522.8 | 1542.0 | 1590.1 | 1631.4 | 1647.4 | 1672.8 | 1672.4 | 1667.5 |
| 22.5° | 1262.4 | 1265.0 | 1306.9 | 1333.8 | 1390.0 | 1438.0 | 1485.3 | 1545.0 | 1594.3 | 1626.9 | 1646.1 |
| 25° | 927.7 | 945.9 | 987.8 | 1024.4 | 1086.8 | 1176.4 | 1257.6 | 1352.0 | 1441.0 | 1511.2 | 1578.1 |
| 27.5° | 696.6 | 698.0 | 731.2 | 765.0 | 802.1 | 875.4 | 977.8 | 1090.4 | 1217.3 | 1322.0 | 1442.5 |
| 30° | 596.6 | 593.7 | 607.7 | 628.4 | 660.1 | 716.9 | 793.8 | 904.6 | 1031.0 | 1188.8 | 1329.4 |
| 32.5° | 525.8 | 525.9 | 536.5 | 551.8 | 578.2 | 616.4 | 669.1 | 759.0 | 878.6 | 1033.8 | 1198.4 |
| 35° | 457.0 | 456.6 | 464.3 | 475.3 | 486.4 | 511.0 | 547.1 | 594.2 | 676.5 | 821.2 | 989.7 |
| 37.5° | 407.8 | 409.9 | 413.7 | 420.6 | 432.8 | 446.5 | 468.2 | 499.8 | 558.4 | 644.0 | 785.6 |
| 40° | 380.1 | 381.1 | 386.3 | 392.1 | 399.4 | 409.9 | 427.7 | 453.2 | 496.1 | 564.4 | 667.8 |
| 42.5° | 354.7 | 355.6 | 359.4 | 364.8 | 370.4 | 381.1 | 395.8 | 417.8 | 452.5 | 505.9 | 591.2 |
| 45° | 317.5 | 317.5 | 320.9 | 323.3 | 329.6 | 339.2 | 351.2 | 369.5 | 393.6 | 433.0 | 489.7 |
| 47.5° | 282.7 | 282.8 | 285.0 | 289.2 | 293.1 | 300.6 | 312.5 | 327.3 | 344.9 | 375.4 | 423.9 |
| 50° | 262.7 | 263.2 | 264.6 | 268.0 | 270.4 | 277.1 | 286.3 | 299.3 | 317.5 | 341.1 | 381.5 |
| 52.5° | 246.6 | 246.2 | 248.1 | 249.5 | 251.2 | 256.0 | 262.8 | 274.3 | 290.6 | 311.1 | 344.6 |
| 55° | 220.4 | 218.4 | 221.3 | 223.8 | 225.2 | 227.1 | 230.9 | 238.2 | 252.1 | 269.5 | 294.5 |
| 57.5° | 187.7 | 186.9 | 188.9 | 191.1 | 195.7 | 200.9 | 204.1 | 208.7 | 215.9 | 228.4 | 253.2 |
| 60° | 160.7 | 160.7 | 165.0 | 166.5 | 171.7 | 178.5 | 185.2 | 189.1 | 196.3 | 204.4 | 222.7 |
| 62.5° | 136.9 | 137.2 | 139.2 | 140.7 | 143.6 | 151.9 | 161.4 | 169.8 | 176.6 | 184.5 | 196.6 |
| 65° | 114.5 | 115.5 | 115.5 | 116.4 | 118.4 | 120.3 | 124.1 | 130.8 | 142.9 | 153.9 | 163.1 |
| 67.5° | 97.2 | 97.5 | 97.7 | 98.7 | 99.2 | 101.3 | 102.8 | 105.8 | 108.7 | 119.1 | 130.4 |
| 70° | 85.7 | 87.1 | 86.6 | 87.6 | 88.0 | 89.0 | 91.0 | 92.4 | 96.7 | 99.2 | 105.8 |
| 72.5° | 74.8 | 75.9 | 75.8 | 76.4 | 77.7 | 77.9 | 79.4 | 80.9 | 83.6 | 85.7 | 89.3 |
| 75° | 60.6 | 60.1 | 60.6 | 61.5 | 62.0 | 62.6 | 62.6 | 64.5 | 65.9 | 67.9 | 70.2 |
| 77.5° | 46.8 | 47.2 | 47.1 | 47.2 | 47.3 | 48.2 | 48.1 | 49.0 | 50.4 | 51.4 | 52.5 |
| 80° | 37.5 | 38.0 | 37.5 | 38.0 | 38.5 | 38.9 | 38.5 | 38.9 | 40.4 | 41.4 | 41.4 |
| 82.5° | 29.0 | 29.1 | 29.4 | 29.5 | 29.6 | 29.7 | 30.4 | 30.5 | 31.6 | 31.4 | 31.8 |
| 85° | 17.3 | 16.9 | 16.9 | 16.9 | 17.3 | 17.8 | 17.3 | 17.3 | 17.8 | 17.8 | 17.8 |
| 87.5° | 7.8 | 8.2 | 8.1 | 8.1 | 8.1 | 8.0 | 8.0 | 8.3 | 7.8 | 8.1 | 7.6 |
| 90° | 8.2 | 8.1 | 7.9 | 7.8 | 7.7 | 7.4 | 7.1 | 6.8 | 6.4 | 6.1 | 5.6 |
| 92.5° | 8.2 | 8.1 | 8.1 | 8.0 | 7.9 | 7.7 | 7.6 | 7.4 | 7.3 | 7.1 | 6.8 |
| 95° | 13.1 | 13.2 | 13.2 | 13.3 | 13.4 | 13.2 | 12.9 | 12.5 | 12.3 | 11.9 | 11.4 |
| 97.5° | 17.5 | 17.4 | 17.3 | 17.2 | 17.2 | 17.0 | 16.7 | 16.5 | 16.2 | 15.9 | 14.8 |
| 100° | 20.5 | 20.3 | 20.2 | 20.0 | 19.9 | 19.5 | 19.0 | 18.5 | 17.9 | 17.3 | 16.2 |
| 102.5° | 21.9 | 21.7 | 21.5 | 21.3 | 21.1 | 20.6 | 20.0 | 19.2 | 18.6 | 17.8 | 27.5 |
| 105° | 23.2 | 22.9 | 22.6 | 22.3 | 22.1 | 21.6 | 20.8 | 20.1 | 19.3 | 18.6 | 37.0 |
| 107.5° | 23.8 | 23.6 | 23.3 | 23.0 | 22.7 | 23.0 | 23.8 | 24.5 | 25.3 | 26.0 | 48.2 |
| 110° | 24.0 | 23.8 | 23.6 | 23.3 | 23.0 | 26.2 | 33.0 | 39.8 | 46.6 | 53.3 | 72.9 |



TEST NUMBER: P331675-830

CATALOG NUMBER: S122RDIP-S675D330U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 24.3 | 24.1 | 23.8 | 23.7 | 23.5 | 35.7 | 60.4 | 85.1 | 109.8 | 134.5 | 139.3 |
| 115° | 25.0 | 29.9 | 34.8 | 39.6 | 44.5 | 62.6 | 94.0 | 125.4 | 156.7 | 188.0 | 186.3 |
| 117.5° | 102.1 | 118.1 | 134.1 | 150.1 | 166.2 | 178.0 | 185.5 | 193.1 | 200.7 | 208.3 | 207.1 |
| 120° | 185.9 | 195.0 | 204.2 | 213.3 | 222.4 | 226.6 | 225.8 | 225.0 | 224.2 | 223.4 | 222.2 |
| 122.5° | 232.0 | 233.8 | 235.5 | 237.3 | 239.0 | 239.7 | 239.2 | 238.7 | 238.3 | 237.8 | 236.5 |
| 125° | 260.5 | 260.3 | 260.1 | 260.0 | 259.8 | 259.4 | 258.9 | 258.4 | 258.0 | 257.5 | 256.2 |
| 127.5° | 278.6 | 278.5 | 278.5 | 278.5 | 278.4 | 278.1 | 277.4 | 276.7 | 276.0 | 275.3 | 274.4 |
| 130° | 289.8 | 289.9 | 289.9 | 290.0 | 290.1 | 289.7 | 289.0 | 288.2 | 287.5 | 286.8 | 286.1 |
| 132.5° | 300.8 | 300.9 | 301.0 | 301.0 | 301.0 | 300.8 | 300.1 | 299.5 | 298.9 | 298.2 | 297.5 |
| 135° | 316.6 | 316.8 | 316.9 | 317.1 | 317.2 | 316.9 | 316.2 | 315.6 | 314.9 | 314.2 | 313.6 |
| 137.5° | 331.1 | 331.3 | 331.6 | 331.8 | 332.0 | 331.8 | 331.1 | 330.5 | 329.8 | 329.1 | 328.5 |
| 140° | 340.1 | 340.4 | 340.8 | 341.1 | 341.5 | 341.3 | 340.7 | 340.1 | 339.5 | 338.8 | 338.2 |
| 142.5° | 348.8 | 349.2 | 349.6 | 349.9 | 350.2 | 350.2 | 349.6 | 349.0 | 348.5 | 347.9 | 347.0 |
| 145° | 361.1 | 361.5 | 361.8 | 362.1 | 362.5 | 362.4 | 361.9 | 361.5 | 361.0 | 360.5 | 359.4 |
| 147.5° | 371.9 | 372.2 | 372.5 | 372.8 | 373.1 | 373.1 | 372.7 | 372.3 | 371.9 | 371.6 | 370.5 |
| 150° | 378.5 | 378.8 | 379.2 | 379.6 | 379.8 | 379.8 | 379.4 | 379.0 | 378.6 | 378.2 | 377.1 |
| 152.5° | 384.1 | 384.6 | 385.0 | 385.4 | 385.9 | 385.9 | 385.5 | 385.1 | 384.7 | 384.3 | 383.2 |
| 155° | 391.9 | 392.5 | 393.0 | 393.5 | 394.1 | 394.2 | 393.7 | 393.3 | 392.9 | 392.5 | 391.7 |
| 157.5° | 399.1 | 399.5 | 400.1 | 400.6 | 401.1 | 401.1 | 400.8 | 400.3 | 399.8 | 399.4 | 398.8 |
| 160° | 403.2 | 403.7 | 404.2 | 404.6 | 405.1 | 405.1 | 404.7 | 404.4 | 403.9 | 403.5 | 403.1 |
| 162.5° | 406.6 | 407.2 | 407.7 | 408.3 | 409.0 | 409.0 | 408.5 | 408.0 | 407.6 | 407.2 | 406.8 |
| 165° | 411.7 | 412.2 | 412.6 | 413.1 | 413.6 | 413.6 | 413.1 | 412.6 | 412.2 | 411.7 | 411.5 |
| 167.5° | 414.9 | 415.6 | 416.1 | 416.8 | 417.4 | 417.5 | 417.0 | 416.5 | 416.0 | 415.6 | 415.4 |
| 170° | 416.9 | 417.5 | 418.1 | 418.8 | 419.3 | 419.4 | 419.0 | 418.5 | 418.0 | 417.5 | 417.4 |
| 172.5° | 418.4 | 419.0 | 419.6 | 420.2 | 420.8 | 420.8 | 420.4 | 419.9 | 419.4 | 419.0 | 418.9 |
| 175° | 419.6 | 420.3 | 421.0 | 421.7 | 422.4 | 422.4 | 422.0 | 421.5 | 421.0 | 420.6 | 420.5 |
| 177.5° | 420.5 | 420.9 | 421.4 | 421.9 | 422.4 | 422.4 | 422.1 | 421.7 | 421.3 | 420.9 | 420.8 |
| 180° | 421.1 | 421.1 | 421.1 | 421.1 | 421.1 | 421.1 | 421.1 | 421.1 | 421.1 | 421.1 | 421.1 |



TEST NUMBER: P331675-830

CATALOG NUMBER: S122RDIP-S675D330U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1384.7 | 1384.7 | 1384.7 | 1384.7 | 1384.7 | 1384.7 | 1384.7 | 1384.7 | 1384.7 | 1384.7 | 1384.7 |
| 2.5° | 1417.8 | 1414.7 | 1412.0 | 1405.0 | 1401.7 | 1393.9 | 1392.8 | 1392.4 | 1382.3 | 1372.7 | 1370.1 |
| 5° | 1466.5 | 1458.8 | 1447.2 | 1433.7 | 1419.8 | 1405.3 | 1395.7 | 1388.1 | 1368.8 | 1350.5 | 1339.9 |
| 7.5° | 1515.5 | 1499.0 | 1479.0 | 1453.6 | 1432.3 | 1408.4 | 1390.7 | 1374.9 | 1347.6 | 1321.4 | 1303.7 |
| 10° | 1552.1 | 1525.1 | 1498.7 | 1463.6 | 1436.2 | 1409.2 | 1384.2 | 1362.5 | 1331.7 | 1297.1 | 1272.5 |
| 12.5° | 1574.8 | 1545.2 | 1508.7 | 1474.3 | 1438.9 | 1404.6 | 1371.1 | 1343.3 | 1307.1 | 1271.3 | 1242.2 |
| 15° | 1605.5 | 1573.8 | 1529.5 | 1480.5 | 1434.7 | 1390.0 | 1351.5 | 1316.8 | 1269.7 | 1226.9 | 1191.3 |
| 17.5° | 1630.6 | 1587.0 | 1539.4 | 1482.6 | 1429.7 | 1372.8 | 1323.2 | 1279.0 | 1226.5 | 1174.9 | 1132.9 |
| 20° | 1638.7 | 1595.4 | 1540.6 | 1483.8 | 1421.3 | 1354.3 | 1301.0 | 1252.8 | 1196.6 | 1140.3 | 1092.1 |
| 22.5° | 1633.7 | 1600.1 | 1539.0 | 1471.1 | 1407.0 | 1337.0 | 1276.7 | 1220.9 | 1158.5 | 1101.0 | 1045.2 |
| 25° | 1599.8 | 1588.2 | 1530.5 | 1456.3 | 1383.3 | 1301.9 | 1232.2 | 1171.0 | 1099.9 | 1038.3 | 977.6 |
| 27.5° | 1520.5 | 1545.5 | 1509.7 | 1430.8 | 1349.4 | 1262.3 | 1183.8 | 1114.3 | 1040.4 | 971.1 | 910.7 |
| 30° | 1444.4 | 1501.6 | 1486.2 | 1413.1 | 1322.1 | 1236.5 | 1148.5 | 1075.8 | 996.9 | 925.7 | 866.0 |
| 32.5° | 1340.0 | 1434.6 | 1449.6 | 1388.5 | 1294.4 | 1200.3 | 1108.1 | 1035.8 | 953.4 | 878.4 | 820.2 |
| 35° | 1173.9 | 1315.4 | 1380.4 | 1341.3 | 1247.1 | 1145.6 | 1050.3 | 966.1 | 883.4 | 809.3 | 751.5 |
| 37.5° | 975.8 | 1168.5 | 1276.7 | 1279.5 | 1192.9 | 1087.3 | 983.6 | 900.0 | 815.3 | 742.5 | 680.1 |
| 40° | 847.3 | 1056.0 | 1197.0 | 1228.3 | 1155.2 | 1041.1 | 936.2 | 851.1 | 768.4 | 697.1 | 625.5 |
| 42.5° | 731.8 | 939.8 | 1113.1 | 1167.5 | 1109.4 | 996.1 | 890.9 | 801.8 | 721.4 | 654.0 | 580.8 |
| 45° | 591.8 | 773.6 | 964.7 | 1061.9 | 1029.6 | 924.7 | 813.6 | 728.9 | 653.4 | 595.1 | 524.9 |
| 47.5° | 499.2 | 627.4 | 812.2 | 943.7 | 943.1 | 847.3 | 738.0 | 657.0 | 586.9 | 532.3 | 475.4 |
| 50° | 446.5 | 558.1 | 714.4 | 863.7 | 876.1 | 795.8 | 691.8 | 611.5 | 546.1 | 488.8 | 443.1 |
| 52.5° | 399.2 | 491.2 | 631.7 | 774.7 | 810.3 | 740.7 | 639.9 | 565.7 | 502.2 | 449.6 | 410.4 |
| 55° | 337.2 | 408.5 | 515.3 | 649.0 | 702.9 | 653.8 | 564.4 | 495.1 | 443.6 | 399.4 | 365.6 |
| 57.5° | 285.3 | 338.7 | 424.4 | 532.2 | 594.8 | 564.0 | 490.1 | 433.9 | 389.8 | 349.8 | 323.2 |
| 60° | 252.6 | 296.3 | 369.0 | 459.0 | 528.3 | 506.6 | 443.6 | 391.2 | 353.6 | 319.0 | 294.0 |
| 62.5° | 221.8 | 259.4 | 321.7 | 394.7 | 458.3 | 449.3 | 397.8 | 353.8 | 320.9 | 289.4 | 268.2 |
| 65° | 178.5 | 205.9 | 254.5 | 311.8 | 362.8 | 367.1 | 330.1 | 300.2 | 270.9 | 245.8 | 227.1 |
| 67.5° | 142.1 | 160.0 | 194.3 | 242.5 | 280.7 | 294.4 | 271.7 | 248.9 | 225.6 | 206.3 | 190.0 |
| 70° | 119.8 | 134.2 | 159.3 | 198.2 | 233.4 | 247.8 | 234.8 | 217.0 | 196.8 | 180.9 | 166.9 |
| 72.5° | 97.1 | 111.1 | 129.6 | 158.2 | 188.3 | 203.9 | 199.3 | 186.6 | 170.2 | 157.0 | 143.8 |
| 75° | 73.1 | 77.5 | 90.0 | 109.2 | 132.8 | 146.3 | 149.7 | 142.9 | 129.9 | 119.8 | 112.1 |
| 77.5° | 54.1 | 56.6 | 62.7 | 72.8 | 88.1 | 100.2 | 105.1 | 104.3 | 95.4 | 89.4 | 82.3 |
| 80° | 43.3 | 44.8 | 47.6 | 51.9 | 63.5 | 75.5 | 78.9 | 78.9 | 72.7 | 70.2 | 63.1 |
| 82.5° | 32.9 | 33.9 | 35.7 | 38.1 | 43.5 | 54.0 | 57.8 | 58.5 | 54.6 | 51.4 | 45.7 |
| 85° | 18.8 | 18.3 | 19.2 | 20.6 | 21.7 | 24.5 | 30.3 | 31.3 | 30.3 | 26.5 | 25.0 |
| 87.5° | 7.5 | 7.8 | 7.7 | 7.2 | 7.4 | 7.6 | 9.4 | 11.2 | 9.8 | 8.9 | 8.2 |
| 90° | 5.0 | 4.4 | 4.0 | 3.3 | 2.5 | 1.8 | 1.0 | 0.3 | 1.0 | 1.8 | 2.5 |
| 92.5° | 6.5 | 6.2 | 6.0 | 5.8 | 5.9 | 6.0 | 6.1 | 6.1 | 6.1 | 6.0 | 5.9 |
| 95° | 10.9 | 10.5 | 10.0 | 10.8 | 13.1 | 15.4 | 17.5 | 19.8 | 17.5 | 15.4 | 13.1 |
| 97.5° | 13.7 | 12.6 | 11.5 | 14.1 | 20.5 | 26.7 | 33.0 | 39.3 | 33.0 | 26.7 | 20.5 |
| 100° | 15.1 | 13.9 | 12.7 | 16.9 | 26.1 | 35.3 | 44.7 | 53.9 | 44.7 | 35.3 | 26.1 |
| 102.5° | 37.1 | 46.8 | 56.4 | 62.2 | 64.2 | 66.1 | 68.1 | 70.0 | 68.1 | 66.1 | 64.2 |
| 105° | 55.6 | 74.1 | 92.6 | 100.8 | 98.8 | 96.7 | 94.6 | 92.7 | 94.6 | 96.7 | 98.8 |
| 107.5° | 70.4 | 92.6 | 114.7 | 125.0 | 123.4 | 121.7 | 120.1 | 118.4 | 120.1 | 121.7 | 123.4 |
| 110° | 92.5 | 112.1 | 131.6 | 140.7 | 139.3 | 137.9 | 136.4 | 135.0 | 136.4 | 137.9 | 139.3 |



TEST NUMBER: P331675-830

CATALOG NUMBER: S122RDIP-S675D330U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 144.2 | 149.0 | 153.8 | 155.6 | 154.4 | 153.2 | 151.8 | 150.6 | 151.8 | 153.2 | 154.4 |
| 115° | 184.6 | 182.9 | 181.3 | 179.8 | 178.7 | 177.6 | 176.3 | 175.2 | 176.3 | 177.6 | 178.7 |
| 117.5° | 205.9 | 204.8 | 203.6 | 202.4 | 201.1 | 199.8 | 198.5 | 197.3 | 198.5 | 199.8 | 201.1 |
| 120° | 220.9 | 219.7 | 218.5 | 217.4 | 216.4 | 215.4 | 214.3 | 213.3 | 214.3 | 215.4 | 216.4 |
| 122.5° | 235.1 | 233.8 | 232.4 | 231.3 | 230.2 | 229.1 | 228.1 | 227.0 | 228.1 | 229.1 | 230.2 |
| 125° | 255.0 | 253.6 | 252.4 | 251.3 | 250.4 | 249.5 | 248.6 | 247.8 | 248.6 | 249.5 | 250.4 |
| 127.5° | 273.4 | 272.4 | 271.5 | 270.5 | 269.6 | 268.5 | 267.6 | 266.6 | 267.6 | 268.5 | 269.6 |
| 130° | 285.3 | 284.6 | 283.8 | 282.9 | 281.8 | 280.7 | 279.7 | 278.5 | 279.7 | 280.7 | 281.8 |
| 132.5° | 296.7 | 296.0 | 295.2 | 294.5 | 293.5 | 292.6 | 291.6 | 290.8 | 291.6 | 292.6 | 293.5 |
| 135° | 313.0 | 312.4 | 311.8 | 310.9 | 309.8 | 308.8 | 307.6 | 306.6 | 307.6 | 308.8 | 309.8 |
| 137.5° | 327.7 | 327.1 | 326.4 | 325.6 | 324.9 | 324.1 | 323.4 | 322.6 | 323.4 | 324.1 | 324.9 |
| 140° | 337.4 | 336.7 | 335.9 | 335.3 | 334.7 | 334.1 | 333.7 | 333.1 | 333.7 | 334.1 | 334.7 |
| 142.5° | 346.2 | 345.3 | 344.5 | 343.8 | 343.4 | 342.8 | 342.3 | 341.9 | 342.3 | 342.8 | 343.4 |
| 145° | 358.3 | 357.0 | 355.9 | 355.3 | 355.4 | 355.5 | 355.6 | 355.6 | 355.6 | 355.5 | 355.4 |
| 147.5° | 369.4 | 368.2 | 367.0 | 366.6 | 366.8 | 367.1 | 367.4 | 367.7 | 367.4 | 367.1 | 366.8 |
| 150° | 376.1 | 374.9 | 373.9 | 373.5 | 374.0 | 374.5 | 374.9 | 375.4 | 374.9 | 374.5 | 374.0 |
| 152.5° | 382.2 | 381.2 | 380.1 | 379.9 | 380.4 | 381.0 | 381.5 | 382.0 | 381.5 | 381.0 | 380.4 |
| 155° | 390.9 | 390.1 | 389.3 | 389.2 | 389.7 | 390.4 | 391.0 | 391.6 | 391.0 | 390.4 | 389.7 |
| 157.5° | 398.2 | 397.7 | 397.1 | 397.0 | 397.6 | 398.0 | 398.6 | 399.1 | 398.6 | 398.0 | 397.6 |
| 160° | 402.7 | 402.3 | 401.9 | 401.9 | 402.3 | 402.7 | 403.1 | 403.5 | 403.1 | 402.7 | 402.3 |
| 162.5° | 406.4 | 406.0 | 405.8 | 405.8 | 406.1 | 406.6 | 407.0 | 407.4 | 407.0 | 406.6 | 406.1 |
| 165° | 411.3 | 411.1 | 410.9 | 411.0 | 411.4 | 411.8 | 412.3 | 412.6 | 412.3 | 411.8 | 411.4 |
| 167.5° | 415.2 | 415.0 | 414.8 | 414.9 | 415.3 | 415.8 | 416.1 | 416.5 | 416.1 | 415.8 | 415.3 |
| 170° | 417.3 | 417.1 | 417.0 | 417.1 | 417.5 | 417.9 | 418.3 | 418.8 | 418.3 | 417.9 | 417.5 |
| 172.5° | 418.7 | 418.6 | 418.4 | 418.6 | 419.0 | 419.3 | 419.8 | 420.2 | 419.8 | 419.3 | 419.0 |
| 175° | 420.3 | 420.2 | 420.0 | 420.2 | 420.7 | 421.1 | 421.6 | 422.1 | 421.6 | 421.1 | 420.7 |
| 177.5° | 420.8 | 420.8 | 420.8 | 420.8 | 421.2 | 421.6 | 422.0 | 422.4 | 422.0 | 421.6 | 421.2 |
| 180° | 421.1 | 421.1 | 421.1 | 421.1 | 421.1 | 421.1 | 421.1 | 421.1 | 421.1 | 421.1 | 421.1 |



TEST NUMBER: P331675-830

CATALOG NUMBER: S122RDIP-S675D330U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1384.7 | 1384.7 | 1384.7 | 1384.7 | 1384.7 | 1384.7 | 1384.7 | 1384.7 | 1384.7 | 1384.7 | 1384.7 |
| 2.5° | 1365.1 | 1362.4 | 1357.4 | 1349.6 | 1345.0 | 1336.9 | 1331.5 | 1334.6 | 1335.4 | 1334.6 | 1333.9 |
| 5° | 1328.4 | 1318.2 | 1304.3 | 1290.8 | 1278.4 | 1264.9 | 1257.2 | 1253.8 | 1247.1 | 1243.2 | 1241.3 |
| 7.5° | 1284.0 | 1266.6 | 1246.9 | 1223.4 | 1203.4 | 1182.6 | 1172.0 | 1166.6 | 1152.8 | 1145.4 | 1138.8 |
| 10° | 1250.9 | 1223.5 | 1203.8 | 1173.0 | 1154.2 | 1126.8 | 1108.1 | 1108.5 | 1089.8 | 1079.1 | 1071.5 |
| 12.5° | 1214.4 | 1184.2 | 1151.4 | 1123.7 | 1097.6 | 1075.6 | 1053.0 | 1043.9 | 1023.9 | 1013.7 | 993.0 |
| 15° | 1153.8 | 1118.6 | 1084.0 | 1046.4 | 1020.0 | 985.8 | 953.1 | 913.1 | 880.9 | 853.0 | 845.4 |
| 17.5° | 1087.5 | 1044.1 | 1009.3 | 965.3 | 919.9 | 862.4 | 824.5 | 801.3 | 781.9 | 767.2 | 756.2 |
| 20° | 1042.1 | 997.9 | 960.8 | 894.4 | 833.3 | 794.4 | 766.5 | 748.7 | 728.4 | 712.6 | 703.9 |
| 22.5° | 994.4 | 948.2 | 897.7 | 823.6 | 776.0 | 744.7 | 719.8 | 699.4 | 685.7 | 673.3 | 665.4 |
| 25° | 926.6 | 876.1 | 792.9 | 741.9 | 703.4 | 670.7 | 653.4 | 640.8 | 626.4 | 609.5 | 601.9 |
| 27.5° | 855.1 | 774.7 | 714.9 | 677.0 | 640.3 | 619.0 | 603.4 | 584.8 | 571.8 | 564.3 | 556.3 |
| 30° | 801.5 | 721.2 | 674.6 | 633.2 | 607.2 | 583.6 | 565.3 | 554.8 | 542.2 | 529.2 | 524.0 |
| 32.5° | 741.9 | 677.7 | 633.0 | 598.5 | 572.1 | 552.0 | 537.6 | 520.5 | 511.4 | 503.4 | 492.4 |
| 35° | 667.8 | 619.3 | 578.3 | 550.4 | 525.4 | 509.1 | 492.2 | 482.1 | 465.7 | 459.0 | 454.7 |
| 37.5° | 605.0 | 562.9 | 532.4 | 502.9 | 483.1 | 465.1 | 454.8 | 438.7 | 431.6 | 422.3 | 413.1 |
| 40° | 569.7 | 528.3 | 498.9 | 474.9 | 452.7 | 439.2 | 426.3 | 413.3 | 402.7 | 398.4 | 387.3 |
| 42.5° | 533.5 | 499.8 | 470.4 | 444.0 | 429.2 | 415.0 | 398.6 | 389.1 | 378.1 | 371.1 | 364.2 |
| 45° | 483.5 | 453.7 | 428.7 | 407.0 | 390.7 | 375.8 | 365.1 | 349.3 | 343.1 | 329.0 | 323.3 |
| 47.5° | 439.7 | 411.9 | 388.0 | 367.5 | 351.5 | 341.8 | 326.3 | 313.9 | 303.9 | 295.3 | 287.9 |
| 50° | 408.5 | 385.4 | 362.3 | 344.0 | 329.6 | 315.7 | 299.7 | 293.5 | 278.1 | 273.7 | 269.5 |
| 52.5° | 380.0 | 358.1 | 336.9 | 319.0 | 304.5 | 291.0 | 277.0 | 268.8 | 258.4 | 254.1 | 251.0 |
| 55° | 340.2 | 319.0 | 298.8 | 282.9 | 268.4 | 254.5 | 245.8 | 235.7 | 230.9 | 227.5 | 223.8 |
| 57.5° | 300.1 | 281.1 | 265.6 | 249.5 | 235.0 | 223.9 | 213.9 | 207.8 | 202.8 | 198.4 | 193.8 |
| 60° | 274.8 | 256.5 | 242.5 | 227.5 | 212.6 | 203.5 | 195.9 | 188.6 | 182.9 | 176.1 | 174.2 |
| 62.5° | 247.8 | 231.8 | 219.0 | 204.4 | 191.5 | 183.1 | 175.8 | 169.0 | 162.0 | 152.2 | 149.5 |
| 65° | 210.8 | 198.2 | 184.7 | 172.8 | 161.2 | 153.0 | 142.4 | 134.7 | 131.9 | 130.8 | 130.4 |
| 67.5° | 177.3 | 165.4 | 153.8 | 141.6 | 131.0 | 123.5 | 118.1 | 116.9 | 114.9 | 114.3 | 113.0 |
| 70° | 155.0 | 143.8 | 132.3 | 120.7 | 110.7 | 109.2 | 107.3 | 105.4 | 102.9 | 102.0 | 101.0 |
| 72.5° | 134.9 | 123.5 | 111.9 | 102.6 | 98.3 | 96.5 | 94.6 | 92.7 | 91.0 | 90.1 | 89.4 |
| 75° | 103.4 | 92.8 | 85.2 | 81.8 | 79.4 | 77.9 | 75.0 | 73.6 | 72.7 | 71.2 | 70.7 |
| 77.5° | 74.5 | 68.5 | 64.9 | 62.9 | 60.3 | 58.8 | 57.1 | 55.7 | 54.7 | 54.4 | 53.6 |
| 80° | 56.7 | 53.9 | 51.5 | 48.6 | 47.6 | 45.7 | 45.2 | 43.8 | 44.3 | 42.8 | 42.8 |
| 82.5° | 44.1 | 40.4 | 38.4 | 37.0 | 36.1 | 34.6 | 34.0 | 33.4 | 33.5 | 32.4 | 32.4 |
| 85° | 22.6 | 21.7 | 20.6 | 19.7 | 19.7 | 18.3 | 18.8 | 18.3 | 18.3 | 17.3 | 16.9 |
| 87.5° | 8.0 | 7.7 | 7.1 | 7.2 | 7.3 | 7.0 | 7.1 | 6.8 | 6.8 | 6.9 | 6.5 |
| 90° | 3.3 | 4.0 | 4.4 | 5.0 | 5.6 | 6.1 | 6.4 | 6.8 | 7.1 | 7.4 | 7.7 |
| 92.5° | 5.8 | 6.0 | 6.2 | 6.5 | 6.8 | 7.1 | 7.3 | 7.4 | 7.6 | 7.7 | 7.9 |
| 95° | 10.8 | 10.0 | 10.5 | 10.9 | 11.4 | 11.9 | 12.3 | 12.5 | 12.9 | 13.2 | 13.4 |
| 97.5° | 14.1 | 11.5 | 12.6 | 13.7 | 14.8 | 15.9 | 16.2 | 16.5 | 16.7 | 17.0 | 17.2 |
| 100° | 16.9 | 12.7 | 13.9 | 15.1 | 16.2 | 17.3 | 17.9 | 18.5 | 19.0 | 19.5 | 19.9 |
| 102.5° | 62.2 | 56.4 | 46.8 | 37.1 | 27.5 | 17.8 | 18.6 | 19.2 | 20.0 | 20.6 | 21.1 |
| 105° | 100.8 | 92.6 | 74.1 | 55.6 | 37.0 | 18.6 | 19.3 | 20.1 | 20.8 | 21.6 | 22.1 |
| 107.5° | 125.0 | 114.7 | 92.6 | 70.4 | 48.2 | 26.0 | 25.3 | 24.5 | 23.8 | 23.0 | 22.7 |
| 110° | 140.7 | 131.6 | 112.1 | 92.5 | 72.9 | 53.3 | 46.6 | 39.8 | 33.0 | 26.2 | 23.0 |



TEST NUMBER: P331675-830

CATALOG NUMBER: S122RDIP-S675D330U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 155.6 | 153.8 | 149.0 | 144.2 | 139.3 | 134.5 | 109.8 | 85.1 | 60.4 | 35.7 | 23.5 |
| 115° | 179.8 | 181.3 | 182.9 | 184.6 | 186.3 | 188.0 | 156.7 | 125.4 | 94.0 | 62.6 | 44.5 |
| 117.5° | 202.4 | 203.6 | 204.8 | 205.9 | 207.1 | 208.3 | 200.7 | 193.1 | 185.5 | 178.0 | 166.2 |
| 120° | 217.4 | 218.5 | 219.7 | 220.9 | 222.2 | 223.4 | 224.2 | 225.0 | 225.8 | 226.6 | 222.4 |
| 122.5° | 231.3 | 232.4 | 233.8 | 235.1 | 236.5 | 237.8 | 238.3 | 238.7 | 239.2 | 239.7 | 239.0 |
| 125° | 251.3 | 252.4 | 253.6 | 255.0 | 256.2 | 257.5 | 258.0 | 258.4 | 258.9 | 259.4 | 259.8 |
| 127.5° | 270.5 | 271.5 | 272.4 | 273.4 | 274.4 | 275.3 | 276.0 | 276.7 | 277.4 | 278.1 | 278.4 |
| 130° | 282.9 | 283.8 | 284.6 | 285.3 | 286.1 | 286.8 | 287.5 | 288.2 | 289.0 | 289.7 | 290.1 |
| 132.5° | 294.5 | 295.2 | 296.0 | 296.7 | 297.5 | 298.2 | 298.9 | 299.5 | 300.1 | 300.8 | 301.0 |
| 135° | 310.9 | 311.8 | 312.4 | 313.0 | 313.6 | 314.2 | 314.9 | 315.6 | 316.2 | 316.9 | 317.2 |
| 137.5° | 325.6 | 326.4 | 327.1 | 327.7 | 328.5 | 329.1 | 329.8 | 330.5 | 331.1 | 331.8 | 332.0 |
| 140° | 335.3 | 335.9 | 336.7 | 337.4 | 338.2 | 338.8 | 339.5 | 340.1 | 340.7 | 341.3 | 341.5 |
| 142.5° | 343.8 | 344.5 | 345.3 | 346.2 | 347.0 | 347.9 | 348.5 | 349.0 | 349.6 | 350.2 | 350.2 |
| 145° | 355.3 | 355.9 | 357.0 | 358.3 | 359.4 | 360.5 | 361.0 | 361.5 | 361.9 | 362.4 | 362.5 |
| 147.5° | 366.6 | 367.0 | 368.2 | 369.4 | 370.5 | 371.6 | 371.9 | 372.3 | 372.7 | 373.1 | 373.1 |
| 150° | 373.5 | 373.9 | 374.9 | 376.1 | 377.1 | 378.2 | 378.6 | 379.0 | 379.4 | 379.8 | 379.8 |
| 152.5° | 379.9 | 380.1 | 381.2 | 382.2 | 383.2 | 384.3 | 384.7 | 385.1 | 385.5 | 385.9 | 385.9 |
| 155° | 389.2 | 389.3 | 390.1 | 390.9 | 391.7 | 392.5 | 392.9 | 393.3 | 393.7 | 394.2 | 394.1 |
| 157.5° | 397.0 | 397.1 | 397.7 | 398.2 | 398.8 | 399.4 | 399.8 | 400.3 | 400.8 | 401.1 | 401.1 |
| 160° | 401.9 | 401.9 | 402.3 | 402.7 | 403.1 | 403.5 | 403.9 | 404.4 | 404.7 | 405.1 | 405.1 |
| 162.5° | 405.8 | 405.8 | 406.0 | 406.4 | 406.8 | 407.2 | 407.6 | 408.0 | 408.5 | 409.0 | 409.0 |
| 165° | 411.0 | 410.9 | 411.1 | 411.3 | 411.5 | 411.7 | 412.2 | 412.6 | 413.1 | 413.6 | 413.6 |
| 167.5° | 414.9 | 414.8 | 415.0 | 415.2 | 415.4 | 415.6 | 416.0 | 416.5 | 417.0 | 417.5 | 417.4 |
| 170° | 417.1 | 417.0 | 417.1 | 417.3 | 417.4 | 417.5 | 418.0 | 418.5 | 419.0 | 419.4 | 419.3 |
| 172.5° | 418.6 | 418.4 | 418.6 | 418.7 | 418.9 | 419.0 | 419.4 | 419.9 | 420.4 | 420.8 | 420.8 |
| 175° | 420.2 | 420.0 | 420.2 | 420.3 | 420.5 | 420.6 | 421.0 | 421.5 | 422.0 | 422.4 | 422.4 |
| 177.5° | 420.8 | 420.8 | 420.8 | 420.8 | 420.8 | 420.9 | 421.3 | 421.7 | 422.1 | 422.4 | 422.4 |
| 180° | 421.1 | 421.1 | 421.1 | 421.1 | 421.1 | 421.1 | 421.1 | 421.1 | 421.1 | 421.1 | 421.1 |



TEST NUMBER: P331675-830

CATALOG NUMBER: S122RDIP-S675D330U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1384.7 | 1384.7 | 1384.7 | 1384.7 | 1384.7 | 1384.7 | 1384.7 | 1384.7 | 1384.7 | 1384.7 | 1384.7 |
| 2.5° | 1329.6 | 1330.4 | 1329.3 | 1330.0 | 1329.3 | 1330.4 | 1329.6 | 1333.9 | 1334.6 | 1335.4 | 1334.6 |
| 5° | 1238.9 | 1233.1 | 1232.2 | 1230.7 | 1232.2 | 1233.1 | 1238.9 | 1241.3 | 1243.2 | 1247.1 | 1253.8 |
| 7.5° | 1130.6 | 1129.6 | 1127.3 | 1123.9 | 1127.3 | 1129.6 | 1130.6 | 1138.8 | 1145.4 | 1152.8 | 1166.6 |
| 10° | 1060.8 | 1058.5 | 1058.0 | 1054.6 | 1058.0 | 1058.5 | 1060.8 | 1071.5 | 1079.1 | 1089.8 | 1108.5 |
| 12.5° | 979.3 | 963.7 | 962.1 | 953.8 | 962.1 | 963.7 | 979.3 | 993.0 | 1013.7 | 1023.9 | 1043.9 |
| 15° | 833.8 | 830.9 | 821.2 | 815.0 | 821.2 | 830.9 | 833.8 | 845.4 | 853.0 | 880.9 | 913.1 |
| 17.5° | 750.6 | 741.2 | 738.2 | 736.9 | 738.2 | 741.2 | 750.6 | 756.2 | 767.2 | 781.9 | 801.3 |
| 20° | 697.1 | 688.5 | 687.0 | 686.1 | 687.0 | 688.5 | 697.1 | 703.9 | 712.6 | 728.4 | 748.7 |
| 22.5° | 660.2 | 651.1 | 647.4 | 644.5 | 647.4 | 651.1 | 660.2 | 665.4 | 673.3 | 685.7 | 699.4 |
| 25° | 597.1 | 593.7 | 591.8 | 590.8 | 591.8 | 593.7 | 597.1 | 601.9 | 609.5 | 626.4 | 640.8 |
| 27.5° | 547.7 | 540.3 | 538.9 | 536.4 | 538.9 | 540.3 | 547.7 | 556.3 | 564.3 | 571.8 | 584.8 |
| 30° | 519.6 | 517.2 | 513.9 | 511.0 | 513.9 | 517.2 | 519.6 | 524.0 | 529.2 | 542.2 | 554.8 |
| 32.5° | 486.5 | 484.5 | 481.5 | 480.1 | 481.5 | 484.5 | 486.5 | 492.4 | 503.4 | 511.4 | 520.5 |
| 35° | 449.9 | 443.1 | 440.3 | 435.9 | 440.3 | 443.1 | 449.9 | 454.7 | 459.0 | 465.7 | 482.1 |
| 37.5° | 411.0 | 407.6 | 403.5 | 404.9 | 403.5 | 407.6 | 411.0 | 413.1 | 422.3 | 431.6 | 438.7 |
| 40° | 381.1 | 378.6 | 377.7 | 377.2 | 377.7 | 378.6 | 381.1 | 387.3 | 398.4 | 402.7 | 413.3 |
| 42.5° | 357.2 | 350.5 | 348.1 | 348.0 | 348.1 | 350.5 | 357.2 | 364.2 | 371.1 | 378.1 | 389.1 |
| 45° | 320.9 | 314.6 | 310.3 | 310.9 | 310.3 | 314.6 | 320.9 | 323.3 | 329.0 | 343.1 | 349.3 |
| 47.5° | 283.8 | 283.6 | 280.9 | 281.7 | 280.9 | 283.6 | 283.8 | 287.9 | 295.3 | 303.9 | 313.9 |
| 50° | 266.1 | 263.2 | 261.3 | 261.7 | 261.3 | 263.2 | 266.1 | 269.5 | 273.7 | 278.1 | 293.5 |
| 52.5° | 249.1 | 246.7 | 245.1 | 247.1 | 245.1 | 246.7 | 249.1 | 251.0 | 254.1 | 258.4 | 268.8 |
| 55° | 221.3 | 218.4 | 217.9 | 217.4 | 217.9 | 218.4 | 221.3 | 223.8 | 227.5 | 230.9 | 235.7 |
| 57.5° | 190.2 | 188.3 | 185.4 | 184.2 | 185.4 | 188.3 | 190.2 | 193.8 | 198.4 | 202.8 | 207.8 |
| 60° | 167.9 | 164.1 | 159.3 | 158.7 | 159.3 | 164.1 | 167.9 | 174.2 | 176.1 | 182.9 | 188.6 |
| 62.5° | 147.5 | 146.8 | 145.8 | 145.7 | 145.8 | 146.8 | 147.5 | 149.5 | 152.2 | 162.0 | 169.0 |
| 65° | 129.4 | 128.9 | 129.4 | 129.9 | 129.4 | 128.9 | 129.4 | 130.4 | 130.8 | 131.9 | 134.7 |
| 67.5° | 112.8 | 111.9 | 111.0 | 111.4 | 111.0 | 111.9 | 112.8 | 113.0 | 114.3 | 114.9 | 116.9 |
| 70° | 100.1 | 99.6 | 99.2 | 99.2 | 99.2 | 99.6 | 100.1 | 101.0 | 102.0 | 102.9 | 105.4 |
| 72.5° | 87.8 | 87.7 | 87.2 | 86.8 | 87.2 | 87.7 | 87.8 | 89.4 | 90.1 | 91.0 | 92.7 |
| 75° | 70.2 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 70.2 | 70.7 | 71.2 | 72.7 | 73.6 |
| 77.5° | 53.5 | 53.1 | 52.5 | 52.1 | 52.5 | 53.1 | 53.5 | 53.6 | 54.4 | 54.7 | 55.7 |
| 80° | 42.3 | 41.8 | 41.4 | 41.4 | 41.4 | 41.8 | 42.3 | 42.8 | 42.8 | 44.3 | 43.8 |
| 82.5° | 32.3 | 31.9 | 31.8 | 31.4 | 31.8 | 31.9 | 32.3 | 32.4 | 32.4 | 33.5 | 33.4 |
| 85° | 17.3 | 17.8 | 17.3 | 18.3 | 17.3 | 17.8 | 17.3 | 16.9 | 17.3 | 18.3 | 18.3 |
| 87.5° | 6.6 | 6.2 | 6.6 | 6.2 | 6.6 | 6.2 | 6.6 | 6.5 | 6.9 | 6.8 | 6.8 |
| 90° | 7.8 | 7.9 | 8.1 | 8.2 | 8.1 | 7.9 | 7.8 | 7.7 | 7.4 | 7.1 | 6.8 |
| 92.5° | 8.0 | 8.1 | 8.1 | 8.2 | 8.1 | 8.1 | 8.0 | 7.9 | 7.7 | 7.6 | 7.4 |
| 95° | 13.3 | 13.2 | 13.2 | 13.1 | 13.2 | 13.2 | 13.3 | 13.4 | 13.2 | 12.9 | 12.5 |
| 97.5° | 17.2 | 17.3 | 17.4 | 17.5 | 17.4 | 17.3 | 17.2 | 17.2 | 17.0 | 16.7 | 16.5 |
| 100° | 20.0 | 20.2 | 20.3 | 20.5 | 20.3 | 20.2 | 20.0 | 19.9 | 19.5 | 19.0 | 18.5 |
| 102.5° | 21.3 | 21.5 | 21.7 | 21.9 | 21.7 | 21.5 | 21.3 | 21.1 | 20.6 | 20.0 | 19.2 |
| 105° | 22.3 | 22.6 | 22.9 | 23.2 | 22.9 | 22.6 | 22.3 | 22.1 | 21.6 | 20.8 | 20.1 |
| 107.5° | 23.0 | 23.3 | 23.6 | 23.8 | 23.6 | 23.3 | 23.0 | 22.7 | 23.0 | 23.8 | 24.5 |
| 110° | 23.3 | 23.6 | 23.8 | 24.0 | 23.8 | 23.6 | 23.3 | 23.0 | 26.2 | 33.0 | 39.8 |



TEST NUMBER: P331675-830

CATALOG NUMBER: S122RDIP-S675D330U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 23.7 | 23.8 | 24.1 | 24.3 | 24.1 | 23.8 | 23.7 | 23.5 | 35.7 | 60.4 | 85.1 |
| 115° | 39.6 | 34.8 | 29.9 | 25.0 | 29.9 | 34.8 | 39.6 | 44.5 | 62.6 | 94.0 | 125.4 |
| 117.5° | 150.1 | 134.1 | 118.1 | 102.1 | 118.1 | 134.1 | 150.1 | 166.2 | 178.0 | 185.5 | 193.1 |
| 120° | 213.3 | 204.2 | 195.0 | 185.9 | 195.0 | 204.2 | 213.3 | 222.4 | 226.6 | 225.8 | 225.0 |
| 122.5° | 237.3 | 235.5 | 233.8 | 232.0 | 233.8 | 235.5 | 237.3 | 239.0 | 239.7 | 239.2 | 238.7 |
| 125° | 260.0 | 260.1 | 260.3 | 260.5 | 260.3 | 260.1 | 260.0 | 259.8 | 259.4 | 258.9 | 258.4 |
| 127.5° | 278.5 | 278.5 | 278.5 | 278.6 | 278.5 | 278.5 | 278.5 | 278.4 | 278.1 | 277.4 | 276.7 |
| 130° | 290.0 | 289.9 | 289.9 | 289.8 | 289.9 | 289.9 | 290.0 | 290.1 | 289.7 | 289.0 | 288.2 |
| 132.5° | 301.0 | 301.0 | 300.9 | 300.8 | 300.9 | 301.0 | 301.0 | 301.0 | 300.8 | 300.1 | 299.5 |
| 135° | 317.1 | 316.9 | 316.8 | 316.6 | 316.8 | 316.9 | 317.1 | 317.2 | 316.9 | 316.2 | 315.6 |
| 137.5° | 331.8 | 331.6 | 331.3 | 331.1 | 331.3 | 331.6 | 331.8 | 332.0 | 331.8 | 331.1 | 330.5 |
| 140° | 341.1 | 340.8 | 340.4 | 340.1 | 340.4 | 340.8 | 341.1 | 341.5 | 341.3 | 340.7 | 340.1 |
| 142.5° | 349.9 | 349.6 | 349.2 | 348.8 | 349.2 | 349.6 | 349.9 | 350.2 | 350.2 | 349.6 | 349.0 |
| 145° | 362.1 | 361.8 | 361.5 | 361.1 | 361.5 | 361.8 | 362.1 | 362.5 | 362.4 | 361.9 | 361.5 |
| 147.5° | 372.8 | 372.5 | 372.2 | 371.9 | 372.2 | 372.5 | 372.8 | 373.1 | 373.1 | 372.7 | 372.3 |
| 150° | 379.6 | 379.2 | 378.8 | 378.5 | 378.8 | 379.2 | 379.6 | 379.8 | 379.8 | 379.4 | 379.0 |
| 152.5° | 385.4 | 385.0 | 384.6 | 384.1 | 384.6 | 385.0 | 385.4 | 385.9 | 385.9 | 385.5 | 385.1 |
| 155° | 393.5 | 393.0 | 392.5 | 391.9 | 392.5 | 393.0 | 393.5 | 394.1 | 394.2 | 393.7 | 393.3 |
| 157.5° | 400.6 | 400.1 | 399.5 | 399.1 | 399.5 | 400.1 | 400.6 | 401.1 | 401.1 | 400.8 | 400.3 |
| 160° | 404.6 | 404.2 | 403.7 | 403.2 | 403.7 | 404.2 | 404.6 | 405.1 | 405.1 | 404.7 | 404.4 |
| 162.5° | 408.3 | 407.7 | 407.2 | 406.6 | 407.2 | 407.7 | 408.3 | 409.0 | 409.0 | 408.5 | 408.0 |
| 165° | 413.1 | 412.6 | 412.2 | 411.7 | 412.2 | 412.6 | 413.1 | 413.6 | 413.6 | 413.1 | 412.6 |
| 167.5° | 416.8 | 416.1 | 415.6 | 414.9 | 415.6 | 416.1 | 416.8 | 417.4 | 417.5 | 417.0 | 416.5 |
| 170° | 418.8 | 418.1 | 417.5 | 416.9 | 417.5 | 418.1 | 418.8 | 419.3 | 419.4 | 419.0 | 418.5 |
| 172.5° | 420.2 | 419.6 | 419.0 | 418.4 | 419.0 | 419.6 | 420.2 | 420.8 | 420.8 | 420.4 | 419.9 |
| 175° | 421.7 | 421.0 | 420.3 | 419.6 | 420.3 | 421.0 | 421.7 | 422.4 | 422.4 | 422.0 | 421.5 |
| 177.5° | 421.9 | 421.4 | 420.9 | 420.5 | 420.9 | 421.4 | 421.9 | 422.4 | 422.4 | 422.1 | 421.7 |
| 180° | 421.1 | 421.1 | 421.1 | 421.1 | 421.1 | 421.1 | 421.1 | 421.1 | 421.1 | 421.1 | 421.1 |



TEST NUMBER: P331675-830

CATALOG NUMBER: S122RDIP-S675D330U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1384.7 | 1384.7 | 1384.7 | 1384.7 | 1384.7 | 1384.7 | 1384.7 | 1384.7 | 1384.7 | 1384.7 | 1384.7 |
| 2.5° | 1331.5 | 1336.9 | 1345.0 | 1349.6 | 1357.4 | 1362.4 | 1365.1 | 1370.1 | 1372.7 | 1382.3 | 1392.4 |
| 5° | 1257.2 | 1264.9 | 1278.4 | 1290.8 | 1304.3 | 1318.2 | 1328.4 | 1339.9 | 1350.5 | 1368.8 | 1388.1 |
| 7.5° | 1172.0 | 1182.6 | 1203.4 | 1223.4 | 1246.9 | 1266.6 | 1284.0 | 1303.7 | 1321.4 | 1347.6 | 1374.9 |
| 10° | 1108.1 | 1126.8 | 1154.2 | 1173.0 | 1203.8 | 1223.5 | 1250.9 | 1272.5 | 1297.1 | 1331.7 | 1362.5 |
| 12.5° | 1053.0 | 1075.6 | 1097.6 | 1123.7 | 1151.4 | 1184.2 | 1214.4 | 1242.2 | 1271.3 | 1307.1 | 1343.3 |
| 15° | 953.1 | 985.8 | 1020.0 | 1046.4 | 1084.0 | 1118.6 | 1153.8 | 1191.3 | 1226.9 | 1269.7 | 1316.8 |
| 17.5° | 824.5 | 862.4 | 919.9 | 965.3 | 1009.3 | 1044.1 | 1087.5 | 1132.9 | 1174.9 | 1226.5 | 1279.0 |
| 20° | 766.5 | 794.4 | 833.3 | 894.4 | 960.8 | 997.9 | 1042.1 | 1092.1 | 1140.3 | 1196.6 | 1252.8 |
| 22.5° | 719.8 | 744.7 | 776.0 | 823.6 | 897.7 | 948.2 | 994.4 | 1045.2 | 1101.0 | 1158.5 | 1220.9 |
| 25° | 653.4 | 670.7 | 703.4 | 741.9 | 792.9 | 876.1 | 926.6 | 977.6 | 1038.3 | 1099.9 | 1171.0 |
| 27.5° | 603.4 | 619.0 | 640.3 | 677.0 | 714.9 | 774.7 | 855.1 | 910.7 | 971.1 | 1040.4 | 1114.3 |
| 30° | 565.3 | 583.6 | 607.2 | 633.2 | 674.6 | 721.2 | 801.5 | 866.0 | 925.7 | 996.9 | 1075.8 |
| 32.5° | 537.6 | 552.0 | 572.1 | 598.5 | 633.0 | 677.7 | 741.9 | 820.2 | 878.4 | 953.4 | 1035.8 |
| 35° | 492.2 | 509.1 | 525.4 | 550.4 | 578.3 | 619.3 | 667.8 | 751.5 | 809.3 | 883.4 | 966.1 |
| 37.5° | 454.8 | 465.1 | 483.1 | 502.9 | 532.4 | 562.9 | 605.0 | 680.1 | 742.5 | 815.3 | 900.0 |
| 40° | 426.3 | 439.2 | 452.7 | 474.9 | 498.9 | 528.3 | 569.7 | 625.5 | 697.1 | 768.4 | 851.1 |
| 42.5° | 398.6 | 415.0 | 429.2 | 444.0 | 470.4 | 499.8 | 533.5 | 580.8 | 654.0 | 721.4 | 801.8 |
| 45° | 365.1 | 375.8 | 390.7 | 407.0 | 428.7 | 453.7 | 483.5 | 524.9 | 595.1 | 653.4 | 728.9 |
| 47.5° | 326.3 | 341.8 | 351.5 | 367.5 | 388.0 | 411.9 | 439.7 | 475.4 | 532.3 | 586.9 | 657.0 |
| 50° | 299.7 | 315.7 | 329.6 | 344.0 | 362.3 | 385.4 | 408.5 | 443.1 | 488.8 | 546.1 | 611.5 |
| 52.5° | 277.0 | 291.0 | 304.5 | 319.0 | 336.9 | 358.1 | 380.0 | 410.4 | 449.6 | 502.2 | 565.7 |
| 55° | 245.8 | 254.5 | 268.4 | 282.9 | 298.8 | 319.0 | 340.2 | 365.6 | 399.4 | 443.6 | 495.1 |
| 57.5° | 213.9 | 223.9 | 235.0 | 249.5 | 265.6 | 281.1 | 300.1 | 323.2 | 349.8 | 389.8 | 433.9 |
| 60° | 195.9 | 203.5 | 212.6 | 227.5 | 242.5 | 256.5 | 274.8 | 294.0 | 319.0 | 353.6 | 391.2 |
| 62.5° | 175.8 | 183.1 | 191.5 | 204.4 | 219.0 | 231.8 | 247.8 | 268.2 | 289.4 | 320.9 | 353.8 |
| 65° | 142.4 | 153.0 | 161.2 | 172.8 | 184.7 | 198.2 | 210.8 | 227.1 | 245.8 | 270.9 | 300.2 |
| 67.5° | 118.1 | 123.5 | 131.0 | 141.6 | 153.8 | 165.4 | 177.3 | 190.0 | 206.3 | 225.6 | 248.9 |
| 70° | 107.3 | 109.2 | 110.7 | 120.7 | 132.3 | 143.8 | 155.0 | 166.9 | 180.9 | 196.8 | 217.0 |
| 72.5° | 94.6 | 96.5 | 98.3 | 102.6 | 111.9 | 123.5 | 134.9 | 143.8 | 157.0 | 170.2 | 186.6 |
| 75° | 75.0 | 77.9 | 79.4 | 81.8 | 85.2 | 92.8 | 103.4 | 112.1 | 119.8 | 129.9 | 142.9 |
| 77.5° | 57.1 | 58.8 | 60.3 | 62.9 | 64.9 | 68.5 | 74.5 | 82.3 | 89.4 | 95.4 | 104.3 |
| 80° | 45.2 | 45.7 | 47.6 | 48.6 | 51.5 | 53.9 | 56.7 | 63.1 | 70.2 | 72.7 | 78.9 |
| 82.5° | 34.0 | 34.6 | 36.1 | 37.0 | 38.4 | 40.4 | 44.1 | 45.7 | 51.4 | 54.6 | 58.5 |
| 85° | 18.8 | 18.3 | 19.7 | 19.7 | 20.6 | 21.7 | 22.6 | 25.0 | 26.5 | 30.3 | 31.3 |
| 87.5° | 7.1 | 7.0 | 7.3 | 7.2 | 7.1 | 7.7 | 8.0 | 8.2 | 8.9 | 9.8 | 11.2 |
| 90° | 6.4 | 6.1 | 5.6 | 5.0 | 4.4 | 4.0 | 3.3 | 2.5 | 1.8 | 1.0 | 0.3 |
| 92.5° | 7.3 | 7.1 | 6.8 | 6.5 | 6.2 | 6.0 | 5.8 | 5.9 | 6.0 | 6.1 | 6.1 |
| 95° | 12.3 | 11.9 | 11.4 | 10.9 | 10.5 | 10.0 | 10.8 | 13.1 | 15.4 | 17.5 | 19.8 |
| 97.5° | 16.2 | 15.9 | 14.8 | 13.7 | 12.6 | 11.5 | 14.1 | 20.5 | 26.7 | 33.0 | 39.3 |
| 100° | 17.9 | 17.3 | 16.2 | 15.1 | 13.9 | 12.7 | 16.9 | 26.1 | 35.3 | 44.7 | 53.9 |
| 102.5° | 18.6 | 17.8 | 27.5 | 37.1 | 46.8 | 56.4 | 62.2 | 64.2 | 66.1 | 68.1 | 70.0 |
| 105° | 19.3 | 18.6 | 37.0 | 55.6 | 74.1 | 92.6 | 100.8 | 98.8 | 96.7 | 94.6 | 92.7 |
| 107.5° | 25.3 | 26.0 | 48.2 | 70.4 | 92.6 | 114.7 | 125.0 | 123.4 | 121.7 | 120.1 | 118.4 |
| 110° | 46.6 | 53.3 | 72.9 | 92.5 | 112.1 | 131.6 | 140.7 | 139.3 | 137.9 | 136.4 | 135.0 |



TEST NUMBER: P331675-830

CATALOG NUMBER: S122RDIP-S675D330U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 109.8 | 134.5 | 139.3 | 144.2 | 149.0 | 153.8 | 155.6 | 154.4 | 153.2 | 151.8 | 150.6 |
| 115° | 156.7 | 188.0 | 186.3 | 184.6 | 182.9 | 181.3 | 179.8 | 178.7 | 177.6 | 176.3 | 175.2 |
| 117.5° | 200.7 | 208.3 | 207.1 | 205.9 | 204.8 | 203.6 | 202.4 | 201.1 | 199.8 | 198.5 | 197.3 |
| 120° | 224.2 | 223.4 | 222.2 | 220.9 | 219.7 | 218.5 | 217.4 | 216.4 | 215.4 | 214.3 | 213.3 |
| 122.5° | 238.3 | 237.8 | 236.5 | 235.1 | 233.8 | 232.4 | 231.3 | 230.2 | 229.1 | 228.1 | 227.0 |
| 125° | 258.0 | 257.5 | 256.2 | 255.0 | 253.6 | 252.4 | 251.3 | 250.4 | 249.5 | 248.6 | 247.8 |
| 127.5° | 276.0 | 275.3 | 274.4 | 273.4 | 272.4 | 271.5 | 270.5 | 269.6 | 268.5 | 267.6 | 266.6 |
| 130° | 287.5 | 286.8 | 286.1 | 285.3 | 284.6 | 283.8 | 282.9 | 281.8 | 280.7 | 279.7 | 278.5 |
| 132.5° | 298.9 | 298.2 | 297.5 | 296.7 | 296.0 | 295.2 | 294.5 | 293.5 | 292.6 | 291.6 | 290.8 |
| 135° | 314.9 | 314.2 | 313.6 | 313.0 | 312.4 | 311.8 | 310.9 | 309.8 | 308.8 | 307.6 | 306.6 |
| 137.5° | 329.8 | 329.1 | 328.5 | 327.7 | 327.1 | 326.4 | 325.6 | 324.9 | 324.1 | 323.4 | 322.6 |
| 140° | 339.5 | 338.8 | 338.2 | 337.4 | 336.7 | 335.9 | 335.3 | 334.7 | 334.1 | 333.7 | 333.1 |
| 142.5° | 348.5 | 347.9 | 347.0 | 346.2 | 345.3 | 344.5 | 343.8 | 343.4 | 342.8 | 342.3 | 341.9 |
| 145° | 361.0 | 360.5 | 359.4 | 358.3 | 357.0 | 355.9 | 355.3 | 355.4 | 355.5 | 355.6 | 355.6 |
| 147.5° | 371.9 | 371.6 | 370.5 | 369.4 | 368.2 | 367.0 | 366.6 | 366.8 | 367.1 | 367.4 | 367.7 |
| 150° | 378.6 | 378.2 | 377.1 | 376.1 | 374.9 | 373.9 | 373.5 | 374.0 | 374.5 | 374.9 | 375.4 |
| 152.5° | 384.7 | 384.3 | 383.2 | 382.2 | 381.2 | 380.1 | 379.9 | 380.4 | 381.0 | 381.5 | 382.0 |
| 155° | 392.9 | 392.5 | 391.7 | 390.9 | 390.1 | 389.3 | 389.2 | 389.7 | 390.4 | 391.0 | 391.6 |
| 157.5° | 399.8 | 399.4 | 398.8 | 398.2 | 397.7 | 397.1 | 397.0 | 397.6 | 398.0 | 398.6 | 399.1 |
| 160° | 403.9 | 403.5 | 403.1 | 402.7 | 402.3 | 401.9 | 401.9 | 402.3 | 402.7 | 403.1 | 403.5 |
| 162.5° | 407.6 | 407.2 | 406.8 | 406.4 | 406.0 | 405.8 | 405.8 | 406.1 | 406.6 | 407.0 | 407.4 |
| 165° | 412.2 | 411.7 | 411.5 | 411.3 | 411.1 | 410.9 | 411.0 | 411.4 | 411.8 | 412.3 | 412.6 |
| 167.5° | 416.0 | 415.6 | 415.4 | 415.2 | 415.0 | 414.8 | 414.9 | 415.3 | 415.8 | 416.1 | 416.5 |
| 170° | 418.0 | 417.5 | 417.4 | 417.3 | 417.1 | 417.0 | 417.1 | 417.5 | 417.9 | 418.3 | 418.8 |
| 172.5° | 419.4 | 419.0 | 418.9 | 418.7 | 418.6 | 418.4 | 418.6 | 419.0 | 419.3 | 419.8 | 420.2 |
| 175° | 421.0 | 420.6 | 420.5 | 420.3 | 420.2 | 420.0 | 420.2 | 420.7 | 421.1 | 421.6 | 422.1 |
| 177.5° | 421.3 | 420.9 | 420.8 | 420.8 | 420.8 | 420.8 | 420.8 | 421.2 | 421.6 | 422.0 | 422.4 |
| 180° | 421.1 | 421.1 | 421.1 | 421.1 | 421.1 | 421.1 | 421.1 | 421.1 | 421.1 | 421.1 | 421.1 |



TEST NUMBER: P331675-830

CATALOG NUMBER: S122RDIP-S675D330U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1384.7 | 1384.7 | 1384.7 | 1384.7 | 1384.7 | 1384.7 | 1384.7 | 1384.7 | 1384.7 | 1384.7 | 1384.7 |
| 2.5° | 1392.8 | 1393.9 | 1401.7 | 1405.0 | 1412.0 | 1414.7 | 1417.8 | 1417.0 | 1417.0 | 1418.5 | 1429.4 |
| 5° | 1395.7 | 1405.3 | 1419.8 | 1433.7 | 1447.2 | 1458.8 | 1466.5 | 1474.1 | 1477.1 | 1491.0 | 1503.5 |
| 7.5° | 1390.7 | 1408.4 | 1432.3 | 1453.6 | 1479.0 | 1499.0 | 1515.5 | 1530.5 | 1540.7 | 1560.9 | 1581.8 |
| 10° | 1384.2 | 1409.2 | 1436.2 | 1463.6 | 1498.7 | 1525.1 | 1552.1 | 1572.8 | 1579.5 | 1609.9 | 1627.2 |
| 12.5° | 1371.1 | 1404.6 | 1438.9 | 1474.3 | 1508.7 | 1545.2 | 1574.8 | 1595.5 | 1619.2 | 1646.4 | 1678.4 |
| 15° | 1351.5 | 1390.0 | 1434.7 | 1480.5 | 1529.5 | 1573.8 | 1605.5 | 1641.6 | 1667.5 | 1697.4 | 1725.3 |
| 17.5° | 1323.2 | 1372.8 | 1429.7 | 1482.6 | 1539.4 | 1587.0 | 1630.6 | 1665.3 | 1683.6 | 1700.5 | 1704.7 |
| 20° | 1301.0 | 1354.3 | 1421.3 | 1483.8 | 1540.6 | 1595.4 | 1638.7 | 1667.5 | 1672.4 | 1672.8 | 1647.4 |
| 22.5° | 1276.7 | 1337.0 | 1407.0 | 1471.1 | 1539.0 | 1600.1 | 1633.7 | 1646.1 | 1626.9 | 1594.3 | 1545.0 |
| 25° | 1232.2 | 1301.9 | 1383.3 | 1456.3 | 1530.5 | 1588.2 | 1599.8 | 1578.1 | 1511.2 | 1441.0 | 1352.0 |
| 27.5° | 1183.8 | 1262.3 | 1349.4 | 1430.8 | 1509.7 | 1545.5 | 1520.5 | 1442.5 | 1322.0 | 1217.3 | 1090.4 |
| 30° | 1148.5 | 1236.5 | 1322.1 | 1413.1 | 1486.2 | 1501.6 | 1444.4 | 1329.4 | 1188.8 | 1031.0 | 904.6 |
| 32.5° | 1108.1 | 1200.3 | 1294.4 | 1388.5 | 1449.6 | 1434.6 | 1340.0 | 1198.4 | 1033.8 | 878.6 | 759.0 |
| 35° | 1050.3 | 1145.6 | 1247.1 | 1341.3 | 1380.4 | 1315.4 | 1173.9 | 989.7 | 821.2 | 676.5 | 594.2 |
| 37.5° | 983.6 | 1087.3 | 1192.9 | 1279.5 | 1276.7 | 1168.5 | 975.8 | 785.6 | 644.0 | 558.4 | 499.8 |
| 40° | 936.2 | 1041.1 | 1155.2 | 1228.3 | 1197.0 | 1056.0 | 847.3 | 667.8 | 564.4 | 496.1 | 453.2 |
| 42.5° | 890.9 | 996.1 | 1109.4 | 1167.5 | 1113.1 | 939.8 | 731.8 | 591.2 | 505.9 | 452.5 | 417.8 |
| 45° | 813.6 | 924.7 | 1029.6 | 1061.9 | 964.7 | 773.6 | 591.8 | 489.7 | 433.0 | 393.6 | 369.5 |
| 47.5° | 738.0 | 847.3 | 943.1 | 943.7 | 812.2 | 627.4 | 499.2 | 423.9 | 375.4 | 344.9 | 327.3 |
| 50° | 691.8 | 795.8 | 876.1 | 863.7 | 714.4 | 558.1 | 446.5 | 381.5 | 341.1 | 317.5 | 299.3 |
| 52.5° | 639.9 | 740.7 | 810.3 | 774.7 | 631.7 | 491.2 | 399.2 | 344.6 | 311.1 | 290.6 | 274.3 |
| 55° | 564.4 | 653.8 | 702.9 | 649.0 | 515.3 | 408.5 | 337.2 | 294.5 | 269.5 | 252.1 | 238.2 |
| 57.5° | 490.1 | 564.0 | 594.8 | 532.2 | 424.4 | 338.7 | 285.3 | 253.2 | 228.4 | 215.9 | 208.7 |
| 60° | 443.6 | 506.6 | 528.3 | 459.0 | 369.0 | 296.3 | 252.6 | 222.7 | 204.4 | 196.3 | 189.1 |
| 62.5° | 397.8 | 449.3 | 458.3 | 394.7 | 321.7 | 259.4 | 221.8 | 196.6 | 184.5 | 176.6 | 169.8 |
| 65° | 330.1 | 367.1 | 362.8 | 311.8 | 254.5 | 205.9 | 178.5 | 163.1 | 153.9 | 142.9 | 130.8 |
| 67.5° | 271.7 | 294.4 | 280.7 | 242.5 | 194.3 | 160.0 | 142.1 | 130.4 | 119.1 | 108.7 | 105.8 |
| 70° | 234.8 | 247.8 | 233.4 | 198.2 | 159.3 | 134.2 | 119.8 | 105.8 | 99.2 | 96.7 | 92.4 |
| 72.5° | 199.3 | 203.9 | 188.3 | 158.2 | 129.6 | 111.1 | 97.1 | 89.3 | 85.7 | 83.6 | 80.9 |
| 75° | 149.7 | 146.3 | 132.8 | 109.2 | 90.0 | 77.5 | 73.1 | 70.2 | 67.9 | 65.9 | 64.5 |
| 77.5° | 105.1 | 100.2 | 88.1 | 72.8 | 62.7 | 56.6 | 54.1 | 52.5 | 51.4 | 50.4 | 49.0 |
| 80° | 78.9 | 75.5 | 63.5 | 51.9 | 47.6 | 44.8 | 43.3 | 41.4 | 41.4 | 40.4 | 38.9 |
| 82.5° | 57.8 | 54.0 | 43.5 | 38.1 | 35.7 | 33.9 | 32.9 | 31.8 | 31.4 | 31.6 | 30.5 |
| 85° | 30.3 | 24.5 | 21.7 | 20.6 | 19.2 | 18.3 | 18.8 | 17.8 | 17.8 | 17.8 | 17.3 |
| 87.5° | 9.4 | 7.6 | 7.4 | 7.2 | 7.7 | 7.8 | 7.5 | 7.6 | 8.1 | 7.8 | 8.3 |
| 90° | 1.0 | 1.8 | 2.5 | 3.3 | 4.0 | 4.4 | 5.0 | 5.6 | 6.1 | 6.4 | 6.8 |
| 92.5° | 6.1 | 6.0 | 5.9 | 5.8 | 6.0 | 6.2 | 6.5 | 6.8 | 7.1 | 7.3 | 7.4 |
| 95° | 17.5 | 15.4 | 13.1 | 10.8 | 10.0 | 10.5 | 10.9 | 11.4 | 11.9 | 12.3 | 12.5 |
| 97.5° | 33.0 | 26.7 | 20.5 | 14.1 | 11.5 | 12.6 | 13.7 | 14.8 | 15.9 | 16.2 | 16.5 |
| 100° | 44.7 | 35.3 | 26.1 | 16.9 | 12.7 | 13.9 | 15.1 | 16.2 | 17.3 | 17.9 | 18.5 |
| 102.5° | 68.1 | 66.1 | 64.2 | 62.2 | 56.4 | 46.8 | 37.1 | 27.5 | 17.8 | 18.6 | 19.2 |
| 105° | 94.6 | 96.7 | 98.8 | 100.8 | 92.6 | 74.1 | 55.6 | 37.0 | 18.6 | 19.3 | 20.1 |
| 107.5° | 120.1 | 121.7 | 123.4 | 125.0 | 114.7 | 92.6 | 70.4 | 48.2 | 26.0 | 25.3 | 24.5 |
| 110° | 136.4 | 137.9 | 139.3 | 140.7 | 131.6 | 112.1 | 92.5 | 72.9 | 53.3 | 46.6 | 39.8 |



TEST NUMBER: P331675-830

CATALOG NUMBER: S122RDIP-S675D330U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 151.8 | 153.2 | 154.4 | 155.6 | 153.8 | 149.0 | 144.2 | 139.3 | 134.5 | 109.8 | 85.1 |
| 115° | 176.3 | 177.6 | 178.7 | 179.8 | 181.3 | 182.9 | 184.6 | 186.3 | 188.0 | 156.7 | 125.4 |
| 117.5° | 198.5 | 199.8 | 201.1 | 202.4 | 203.6 | 204.8 | 205.9 | 207.1 | 208.3 | 200.7 | 193.1 |
| 120° | 214.3 | 215.4 | 216.4 | 217.4 | 218.5 | 219.7 | 220.9 | 222.2 | 223.4 | 224.2 | 225.0 |
| 122.5° | 228.1 | 229.1 | 230.2 | 231.3 | 232.4 | 233.8 | 235.1 | 236.5 | 237.8 | 238.3 | 238.7 |
| 125° | 248.6 | 249.5 | 250.4 | 251.3 | 252.4 | 253.6 | 255.0 | 256.2 | 257.5 | 258.0 | 258.4 |
| 127.5° | 267.6 | 268.5 | 269.6 | 270.5 | 271.5 | 272.4 | 273.4 | 274.4 | 275.3 | 276.0 | 276.7 |
| 130° | 279.7 | 280.7 | 281.8 | 282.9 | 283.8 | 284.6 | 285.3 | 286.1 | 286.8 | 287.5 | 288.2 |
| 132.5° | 291.6 | 292.6 | 293.5 | 294.5 | 295.2 | 296.0 | 296.7 | 297.5 | 298.2 | 298.9 | 299.5 |
| 135° | 307.6 | 308.8 | 309.8 | 310.9 | 311.8 | 312.4 | 313.0 | 313.6 | 314.2 | 314.9 | 315.6 |
| 137.5° | 323.4 | 324.1 | 324.9 | 325.6 | 326.4 | 327.1 | 327.7 | 328.5 | 329.1 | 329.8 | 330.5 |
| 140° | 333.7 | 334.1 | 334.7 | 335.3 | 335.9 | 336.7 | 337.4 | 338.2 | 338.8 | 339.5 | 340.1 |
| 142.5° | 342.3 | 342.8 | 343.4 | 343.8 | 344.5 | 345.3 | 346.2 | 347.0 | 347.9 | 348.5 | 349.0 |
| 145° | 355.6 | 355.5 | 355.4 | 355.3 | 355.9 | 357.0 | 358.3 | 359.4 | 360.5 | 361.0 | 361.5 |
| 147.5° | 367.4 | 367.1 | 366.8 | 366.6 | 367.0 | 368.2 | 369.4 | 370.5 | 371.6 | 371.9 | 372.3 |
| 150° | 374.9 | 374.5 | 374.0 | 373.5 | 373.9 | 374.9 | 376.1 | 377.1 | 378.2 | 378.6 | 379.0 |
| 152.5° | 381.5 | 381.0 | 380.4 | 379.9 | 380.1 | 381.2 | 382.2 | 383.2 | 384.3 | 384.7 | 385.1 |
| 155° | 391.0 | 390.4 | 389.7 | 389.2 | 389.3 | 390.1 | 390.9 | 391.7 | 392.5 | 392.9 | 393.3 |
| 157.5° | 398.6 | 398.0 | 397.6 | 397.0 | 397.1 | 397.7 | 398.2 | 398.8 | 399.4 | 399.8 | 400.3 |
| 160° | 403.1 | 402.7 | 402.3 | 401.9 | 401.9 | 402.3 | 402.7 | 403.1 | 403.5 | 403.9 | 404.4 |
| 162.5° | 407.0 | 406.6 | 406.1 | 405.8 | 405.8 | 406.0 | 406.4 | 406.8 | 407.2 | 407.6 | 408.0 |
| 165° | 412.3 | 411.8 | 411.4 | 411.0 | 410.9 | 411.1 | 411.3 | 411.5 | 411.7 | 412.2 | 412.6 |
| 167.5° | 416.1 | 415.8 | 415.3 | 414.9 | 414.8 | 415.0 | 415.2 | 415.4 | 415.6 | 416.0 | 416.5 |
| 170° | 418.3 | 417.9 | 417.5 | 417.1 | 417.0 | 417.1 | 417.3 | 417.4 | 417.5 | 418.0 | 418.5 |
| 172.5° | 419.8 | 419.3 | 419.0 | 418.6 | 418.4 | 418.6 | 418.7 | 418.9 | 419.0 | 419.4 | 419.9 |
| 175° | 421.6 | 421.1 | 420.7 | 420.2 | 420.0 | 420.2 | 420.3 | 420.5 | 420.6 | 421.0 | 421.5 |
| 177.5° | 422.0 | 421.6 | 421.2 | 420.8 | 420.8 | 420.8 | 420.8 | 420.8 | 420.9 | 421.3 | 421.7 |
| 180° | 421.1 | 421.1 | 421.1 | 421.1 | 421.1 | 421.1 | 421.1 | 421.1 | 421.1 | 421.1 | 421.1 |



TEST NUMBER: P331675-830

CATALOG NUMBER: S122RDIP-S675D330U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1384.7 | 1384.7 | 1384.7 | 1384.7 | 1384.7 | 1384.7 | 1384.7 |
| 2.5° | 1433.1 | 1438.1 | 1440.5 | 1440.5 | 1443.2 | 1442.0 | 1440.9 |
| 5° | 1515.5 | 1524.7 | 1526.6 | 1535.3 | 1541.5 | 1539.5 | 1540.6 |
| 7.5° | 1597.4 | 1612.1 | 1626.6 | 1633.3 | 1634.4 | 1638.2 | 1639.6 |
| 10° | 1647.8 | 1659.9 | 1682.5 | 1679.1 | 1695.9 | 1705.6 | 1689.7 |
| 12.5° | 1696.4 | 1712.6 | 1728.2 | 1732.6 | 1742.2 | 1745.2 | 1739.0 |
| 15° | 1740.2 | 1748.9 | 1749.8 | 1747.5 | 1750.3 | 1747.9 | 1738.8 |
| 17.5° | 1699.2 | 1685.2 | 1656.7 | 1643.2 | 1632.6 | 1616.7 | 1610.4 |
| 20° | 1631.4 | 1590.1 | 1542.0 | 1522.8 | 1500.2 | 1455.9 | 1466.5 |
| 22.5° | 1485.3 | 1438.0 | 1390.0 | 1333.8 | 1306.9 | 1265.0 | 1262.4 |
| 25° | 1257.6 | 1176.4 | 1086.8 | 1024.4 | 987.8 | 945.9 | 927.7 |
| 27.5° | 977.8 | 875.4 | 802.1 | 765.0 | 731.2 | 698.0 | 696.6 |
| 30° | 793.8 | 716.9 | 660.1 | 628.4 | 607.7 | 593.7 | 596.6 |
| 32.5° | 669.1 | 616.4 | 578.2 | 551.8 | 536.5 | 525.9 | 525.8 |
| 35° | 547.1 | 511.0 | 486.4 | 475.3 | 464.3 | 456.6 | 457.0 |
| 37.5° | 468.2 | 446.5 | 432.8 | 420.6 | 413.7 | 409.9 | 407.8 |
| 40° | 427.7 | 409.9 | 399.4 | 392.1 | 386.3 | 381.1 | 380.1 |
| 42.5° | 395.8 | 381.1 | 370.4 | 364.8 | 359.4 | 355.6 | 354.7 |
| 45° | 351.2 | 339.2 | 329.6 | 323.3 | 320.9 | 317.5 | 317.5 |
| 47.5° | 312.5 | 300.6 | 293.1 | 289.2 | 285.0 | 282.8 | 282.7 |
| 50° | 286.3 | 277.1 | 270.4 | 268.0 | 264.6 | 263.2 | 262.7 |
| 52.5° | 262.8 | 256.0 | 251.2 | 249.5 | 248.1 | 246.2 | 246.6 |
| 55° | 230.9 | 227.1 | 225.2 | 223.8 | 221.3 | 218.4 | 220.4 |
| 57.5° | 204.1 | 200.9 | 195.7 | 191.1 | 188.9 | 186.9 | 187.7 |
| 60° | 185.2 | 178.5 | 171.7 | 166.5 | 165.0 | 160.7 | 160.7 |
| 62.5° | 161.4 | 151.9 | 143.6 | 140.7 | 139.2 | 137.2 | 136.9 |
| 65° | 124.1 | 120.3 | 118.4 | 116.4 | 115.5 | 115.5 | 114.5 |
| 67.5° | 102.8 | 101.3 | 99.2 | 98.7 | 97.7 | 97.5 | 97.2 |
| 70° | 91.0 | 89.0 | 88.0 | 87.6 | 86.6 | 87.1 | 85.7 |
| 72.5° | 79.4 | 77.9 | 77.7 | 76.4 | 75.8 | 75.9 | 74.8 |
| 75° | 62.6 | 62.6 | 62.0 | 61.5 | 60.6 | 60.1 | 60.6 |
| 77.5° | 48.1 | 48.2 | 47.3 | 47.2 | 47.1 | 47.2 | 46.8 |
| 80° | 38.5 | 38.9 | 38.5 | 38.0 | 37.5 | 38.0 | 37.5 |
| 82.5° | 30.4 | 29.7 | 29.6 | 29.5 | 29.4 | 29.1 | 29.0 |
| 85° | 17.3 | 17.8 | 17.3 | 16.9 | 16.9 | 16.9 | 17.3 |
| 87.5° | 8.0 | 8.0 | 8.1 | 8.1 | 8.1 | 8.2 | 7.8 |
| 90° | 7.1 | 7.4 | 7.7 | 7.8 | 7.9 | 8.1 | 8.2 |
| 92.5° | 7.6 | 7.7 | 7.9 | 8.0 | 8.1 | 8.1 | 8.2 |
| 95° | 12.9 | 13.2 | 13.4 | 13.3 | 13.2 | 13.2 | 13.1 |
| 97.5° | 16.7 | 17.0 | 17.2 | 17.2 | 17.3 | 17.4 | 17.5 |
| 100° | 19.0 | 19.5 | 19.9 | 20.0 | 20.2 | 20.3 | 20.5 |
| 102.5° | 20.0 | 20.6 | 21.1 | 21.3 | 21.5 | 21.7 | 21.9 |
| 105° | 20.8 | 21.6 | 22.1 | 22.3 | 22.6 | 22.9 | 23.2 |
| 107.5° | 23.8 | 23.0 | 22.7 | 23.0 | 23.3 | 23.6 | 23.8 |
| 110° | 33.0 | 26.2 | 23.0 | 23.3 | 23.6 | 23.8 | 24.0 |



TEST NUMBER: P331675-830

CATALOG NUMBER: S122RDIP-S675D330U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 60.4 | 35.7 | 23.5 | 23.7 | 23.8 | 24.1 | 24.3 |
| 115° | 94.0 | 62.6 | 44.5 | 39.6 | 34.8 | 29.9 | 25.0 |
| 117.5° | 185.5 | 178.0 | 166.2 | 150.1 | 134.1 | 118.1 | 102.1 |
| 120° | 225.8 | 226.6 | 222.4 | 213.3 | 204.2 | 195.0 | 185.9 |
| 122.5° | 239.2 | 239.7 | 239.0 | 237.3 | 235.5 | 233.8 | 232.0 |
| 125° | 258.9 | 259.4 | 259.8 | 260.0 | 260.1 | 260.3 | 260.5 |
| 127.5° | 277.4 | 278.1 | 278.4 | 278.5 | 278.5 | 278.5 | 278.6 |
| 130° | 289.0 | 289.7 | 290.1 | 290.0 | 289.9 | 289.9 | 289.8 |
| 132.5° | 300.1 | 300.8 | 301.0 | 301.0 | 301.0 | 300.9 | 300.8 |
| 135° | 316.2 | 316.9 | 317.2 | 317.1 | 316.9 | 316.8 | 316.6 |
| 137.5° | 331.1 | 331.8 | 332.0 | 331.8 | 331.6 | 331.3 | 331.1 |
| 140° | 340.7 | 341.3 | 341.5 | 341.1 | 340.8 | 340.4 | 340.1 |
| 142.5° | 349.6 | 350.2 | 350.2 | 349.9 | 349.6 | 349.2 | 348.8 |
| 145° | 361.9 | 362.4 | 362.5 | 362.1 | 361.8 | 361.5 | 361.1 |
| 147.5° | 372.7 | 373.1 | 373.1 | 372.8 | 372.5 | 372.2 | 371.9 |
| 150° | 379.4 | 379.8 | 379.8 | 379.6 | 379.2 | 378.8 | 378.5 |
| 152.5° | 385.5 | 385.9 | 385.9 | 385.4 | 385.0 | 384.6 | 384.1 |
| 155° | 393.7 | 394.2 | 394.1 | 393.5 | 393.0 | 392.5 | 391.9 |
| 157.5° | 400.8 | 401.1 | 401.1 | 400.6 | 400.1 | 399.5 | 399.1 |
| 160° | 404.7 | 405.1 | 405.1 | 404.6 | 404.2 | 403.7 | 403.2 |
| 162.5° | 408.5 | 409.0 | 409.0 | 408.3 | 407.7 | 407.2 | 406.6 |
| 165° | 413.1 | 413.6 | 413.6 | 413.1 | 412.6 | 412.2 | 411.7 |
| 167.5° | 417.0 | 417.5 | 417.4 | 416.8 | 416.1 | 415.6 | 414.9 |
| 170° | 419.0 | 419.4 | 419.3 | 418.8 | 418.1 | 417.5 | 416.9 |
| 172.5° | 420.4 | 420.8 | 420.8 | 420.2 | 419.6 | 419.0 | 418.4 |
| 175° | 422.0 | 422.4 | 422.4 | 421.7 | 421.0 | 420.3 | 419.6 |
| 177.5° | 422.1 | 422.4 | 422.4 | 421.9 | 421.4 | 420.9 | 420.5 |
| 180° | 421.1 | 421.1 | 421.1 | 421.1 | 421.1 | 421.1 | 421.1 |

(END OF REPORT)