

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: P331805-940

Luminaire Tested: **S122RDIW-S675D435U940-4F0-1E-UDD-A**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P331805-940
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: S122RDIW-S675D435U940-4F0-1E-UDD-A
Description: DEFINE 2 DIRECT-INDIRECT WALL MOUNT LED LUMINAIRE
DOWNLIGHT 675 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING
UPLIGHT 435 LUMENS PER FOOT, NO LENS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3808.8 lumens
Efficiency: N/A
Efficacy: 101.0 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

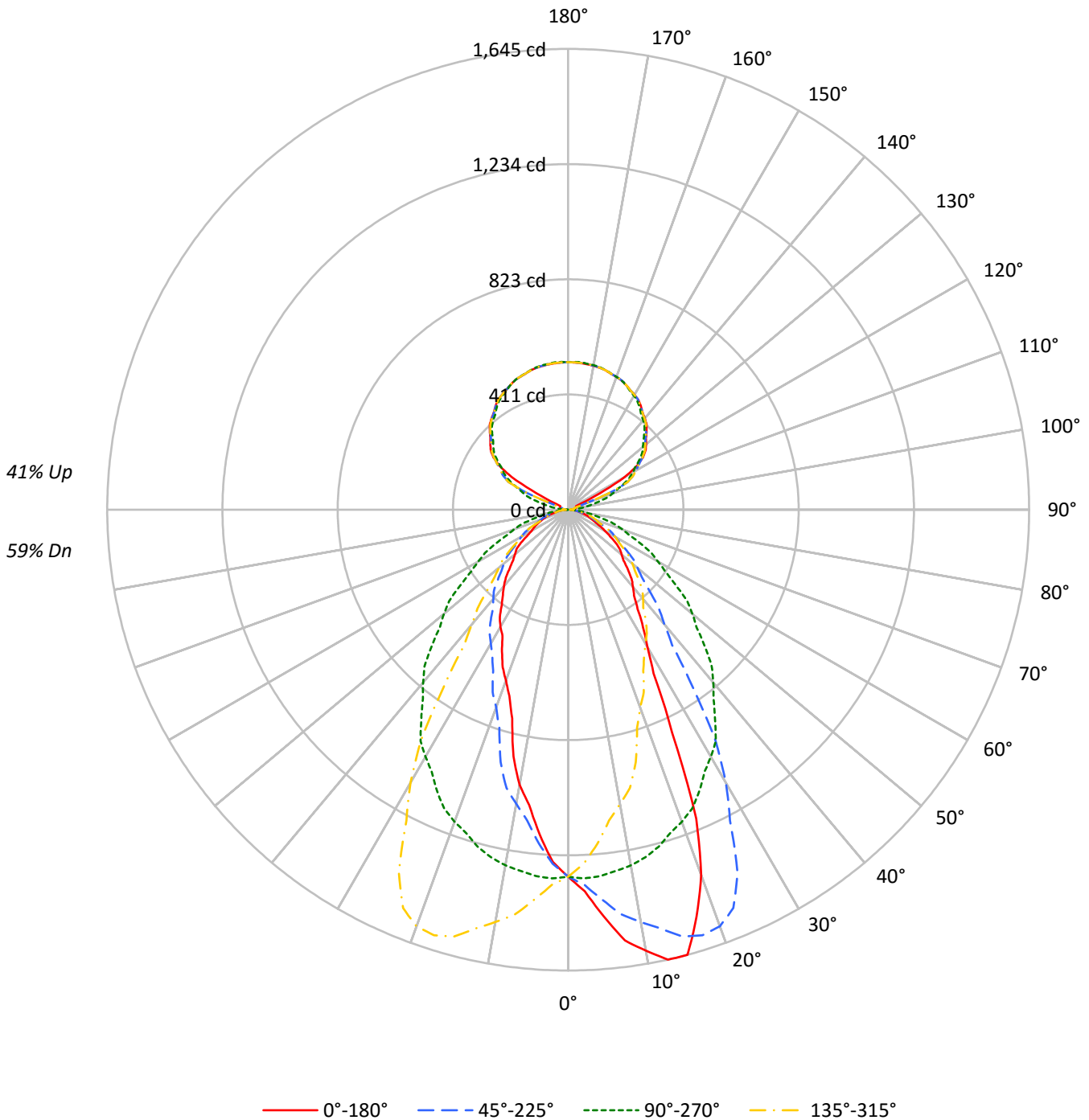
Input Watts (W): 37.7
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P331805-940

CATALOG NUMBER: S122RDIW-S675D435U940-4F0-1E-UDD-A

Luminous Intensity Polar Plot





TEST NUMBER: P331805-940

CATALOG NUMBER: S122RDIW-S675D435U940-4F0-1E-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 | 109 | 109 | 109 | 109 | 102 | 102 | 102 | 102 | 89 | 89 | 89 | 76 | 76 | 76 | 65 | 65 | 65 | 59 |
| 1 | 101 | 97 | 93 | 90 | 94 | 91 | 87 | 85 | 79 | 77 | 75 | 68 | 67 | 65 | 59 | 58 | 57 | 52 |
| 2 | 93 | 86 | 80 | 75 | 86 | 80 | 75 | 71 | 70 | 67 | 63 | 61 | 59 | 56 | 53 | 51 | 49 | 45 |
| 3 | 85 | 76 | 69 | 64 | 79 | 72 | 66 | 61 | 63 | 58 | 55 | 55 | 52 | 49 | 48 | 45 | 43 | 39 |
| 4 | 78 | 68 | 61 | 55 | 73 | 64 | 58 | 52 | 57 | 52 | 48 | 50 | 46 | 43 | 43 | 40 | 38 | 35 |
| 5 | 73 | 61 | 54 | 48 | 68 | 58 | 51 | 46 | 51 | 46 | 42 | 45 | 41 | 38 | 40 | 36 | 34 | 31 |
| 6 | 67 | 56 | 48 | 42 | 63 | 53 | 46 | 41 | 47 | 41 | 37 | 42 | 37 | 34 | 36 | 33 | 30 | 28 |
| 7 | 63 | 51 | 43 | 38 | 58 | 48 | 41 | 36 | 43 | 37 | 33 | 38 | 34 | 30 | 34 | 30 | 28 | 25 |
| 8 | 58 | 46 | 39 | 34 | 55 | 44 | 37 | 33 | 40 | 34 | 30 | 35 | 31 | 28 | 31 | 28 | 25 | 23 |
| 9 | 55 | 43 | 35 | 31 | 51 | 41 | 34 | 29 | 37 | 31 | 27 | 33 | 28 | 25 | 29 | 26 | 23 | 21 |
| 10 | 51 | 39 | 32 | 28 | 48 | 38 | 31 | 27 | 34 | 29 | 25 | 30 | 26 | 23 | 27 | 24 | 21 | 19 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 21151 | 21151 | 21151 | 21151 |
| 5° | 23622 | 21284 | 18870 | 21284 |
| 10° | 26209 | 21135 | 16357 | 21135 |
| 15° | 27497 | 20824 | 12889 | 20824 |
| 20° | 23838 | 20366 | 11153 | 20366 |
| 25° | 15634 | 19737 | 9957 | 19737 |
| 30° | 10524 | 18975 | 9012 | 18975 |
| 35° | 8523 | 18015 | 8129 | 18015 |
| 40° | 7579 | 16971 | 7522 | 16971 |
| 45° | 6859 | 15746 | 6715 | 15746 |
| 50° | 6242 | 14531 | 6219 | 14531 |
| 55° | 5869 | 13185 | 5790 | 13185 |
| 60° | 4908 | 11951 | 4850 | 11951 |
| 65° | 4138 | 10850 | 4695 | 10850 |
| 70° | 3829 | 9692 | 4428 | 9692 |
| 75° | 3575 | 8434 | 4086 | 8434 |
| 80° | 3301 | 6936 | 3636 | 6936 |
| 85° | 3038 | 5483 | 3205 | 5483 |



TEST NUMBER: P331805-940

CATALOG NUMBER: S122RDIW-S675D435U940-4F0-1E-UDD-A

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 124.2 | 3.3 |
| 10°-20° | 346.0 | 9.1 |
| 20°-30° | 445.9 | 11.7 |
| 30°-40° | 423.7 | 11.1 |
| 40°-50° | 363.0 | 9.5 |
| 50°-60° | 276.4 | 7.3 |
| 60°-70° | 174.7 | 4.6 |
| 70°-80° | 87.3 | 2.3 |
| 80°-90° | 24.0 | 0.6 |
| 90°-100° | 17.6 | 0.5 |
| 100°-110° | 64.4 | 1.7 |
| 110°-120° | 172.2 | 4.5 |
| 120°-130° | 284.3 | 7.5 |
| 130°-140° | 302.4 | 7.9 |
| 140°-150° | 281.0 | 7.4 |
| 150°-160° | 225.9 | 5.9 |
| 160°-170° | 145.6 | 3.8 |
| 170°-180° | 50.1 | 1.3 |
| 0°-30° | 916.1 | 24.1 |
| 0°-40° | 1339.8 | 35.2 |
| 0°-60° | 1979.2 | 52.0 |
| 0°-90° | 2265.3 | 59.5 |
| 90°-120° | 254.2 | 6.7 |
| 90°-150° | 1121.9 | 29.5 |
| 90°-180° | 1544.0 | 40.5 |
| 0°-180° | 3808.8 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 1310 | 1310 | 1310 | 1310 | 1310 | |
| 5° | 1458 | 1313 | 1164 | 1313 | 1458 | 144 |
| 15° | 1645 | 1246 | 771 | 1246 | 1645 | 444 |
| 25° | 878 | 1108 | 559 | 1108 | 878 | 416 |
| 35° | 432 | 914 | 412 | 914 | 432 | 277 |
| 45° | 300 | 690 | 294 | 690 | 300 | 232 |
| 55° | 208 | 468 | 206 | 468 | 208 | 183 |
| 65° | 108 | 284 | 123 | 284 | 108 | 110 |
| 75° | 57 | 135 | 66 | 135 | 57 | 61 |
| 85° | 16 | 30 | 17 | 30 | 16 | 18 |
| 90° | 10 | 0 | 10 | 0 | 10 | 5 |
| 95° | 16 | 25 | 16 | 25 | 16 | 15 |
| 105° | 29 | 116 | 29 | 116 | 29 | 30 |
| 115° | 31 | 219 | 31 | 219 | 31 | 78 |
| 125° | 326 | 310 | 326 | 310 | 326 | 282 |
| 135° | 396 | 383 | 396 | 383 | 396 | 305 |
| 145° | 452 | 445 | 452 | 445 | 452 | 282 |
| 155° | 490 | 490 | 490 | 490 | 490 | 226 |
| 165° | 515 | 516 | 515 | 516 | 515 | 145 |
| 175° | 525 | 528 | 525 | 528 | 525 | 50 |
| 180° | 527 | 527 | 527 | 527 | 527 | |



TEST NUMBER: P331805-940

CATALOG NUMBER: S122RDIW-S675D435U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1310.0 | 1310.0 | 1310.0 | 1310.0 | 1310.0 | 1310.0 | 1310.0 | 1310.0 | 1310.0 | 1310.0 | 1310.0 |
| 2.5° | 1363.2 | 1364.2 | 1365.4 | 1362.8 | 1362.8 | 1360.6 | 1355.8 | 1352.3 | 1342.0 | 1340.6 | 1340.6 |
| 5° | 1457.5 | 1456.5 | 1458.4 | 1452.5 | 1444.3 | 1442.4 | 1433.8 | 1422.5 | 1410.6 | 1397.4 | 1394.6 |
| 7.5° | 1551.2 | 1549.9 | 1546.2 | 1545.2 | 1538.9 | 1525.2 | 1511.3 | 1496.5 | 1476.8 | 1457.6 | 1448.0 |
| 10° | 1598.6 | 1613.6 | 1604.5 | 1588.6 | 1591.8 | 1570.4 | 1559.0 | 1539.4 | 1523.0 | 1494.3 | 1488.0 |
| 12.5° | 1645.2 | 1651.1 | 1648.2 | 1639.1 | 1635.0 | 1620.2 | 1604.9 | 1587.9 | 1557.6 | 1531.9 | 1509.5 |
| 15° | 1645.0 | 1653.7 | 1655.9 | 1653.2 | 1655.5 | 1654.6 | 1646.4 | 1632.3 | 1605.9 | 1577.6 | 1553.1 |
| 17.5° | 1523.6 | 1529.6 | 1544.5 | 1554.6 | 1567.4 | 1594.3 | 1607.6 | 1612.7 | 1608.8 | 1592.8 | 1575.5 |
| 20° | 1387.4 | 1377.3 | 1419.2 | 1440.6 | 1458.8 | 1504.3 | 1543.5 | 1558.5 | 1582.6 | 1582.2 | 1577.6 |
| 22.5° | 1194.4 | 1196.8 | 1236.4 | 1261.9 | 1315.0 | 1360.5 | 1405.2 | 1461.7 | 1508.3 | 1539.2 | 1557.3 |
| 25° | 877.6 | 894.9 | 934.5 | 969.1 | 1028.2 | 1112.9 | 1189.8 | 1279.1 | 1363.2 | 1429.7 | 1493.0 |
| 27.5° | 659.1 | 660.4 | 691.8 | 723.7 | 758.8 | 828.2 | 925.1 | 1031.6 | 1151.6 | 1250.7 | 1364.7 |
| 30° | 564.5 | 561.7 | 574.9 | 594.5 | 624.5 | 678.2 | 751.0 | 855.8 | 975.4 | 1124.7 | 1257.7 |
| 32.5° | 497.4 | 497.6 | 507.6 | 522.0 | 547.0 | 583.2 | 633.0 | 718.1 | 831.3 | 978.0 | 1133.8 |
| 35° | 432.4 | 431.9 | 439.3 | 449.7 | 460.2 | 483.4 | 517.5 | 562.1 | 640.0 | 776.9 | 936.3 |
| 37.5° | 385.8 | 387.8 | 391.4 | 397.9 | 409.5 | 422.4 | 442.9 | 472.9 | 528.2 | 609.3 | 743.2 |
| 40° | 359.6 | 360.5 | 365.5 | 371.0 | 377.8 | 387.8 | 404.7 | 428.7 | 469.3 | 534.0 | 631.8 |
| 42.5° | 335.6 | 336.4 | 340.0 | 345.1 | 350.4 | 360.5 | 374.4 | 395.3 | 428.1 | 478.6 | 559.3 |
| 45° | 300.4 | 300.4 | 303.6 | 305.9 | 311.8 | 320.9 | 332.3 | 349.6 | 372.4 | 409.7 | 463.3 |
| 47.5° | 267.4 | 267.5 | 269.7 | 273.6 | 277.3 | 284.4 | 295.6 | 309.7 | 326.3 | 355.2 | 401.0 |
| 50° | 248.5 | 249.0 | 250.3 | 253.5 | 255.8 | 262.2 | 270.8 | 283.1 | 300.4 | 322.7 | 361.0 |
| 52.5° | 233.3 | 232.9 | 234.7 | 236.0 | 237.6 | 242.2 | 248.6 | 259.5 | 274.9 | 294.4 | 326.0 |
| 55° | 208.5 | 206.6 | 209.4 | 211.7 | 213.0 | 214.8 | 218.5 | 225.3 | 238.5 | 254.9 | 278.6 |
| 57.5° | 177.5 | 176.8 | 178.7 | 180.8 | 185.1 | 190.0 | 193.1 | 197.4 | 204.3 | 216.1 | 239.5 |
| 60° | 152.0 | 152.0 | 156.1 | 157.5 | 162.5 | 168.9 | 175.2 | 178.9 | 185.7 | 193.4 | 210.7 |
| 62.5° | 129.5 | 129.8 | 131.7 | 133.1 | 135.9 | 143.7 | 152.7 | 160.7 | 167.1 | 174.5 | 186.0 |
| 65° | 108.3 | 109.2 | 109.2 | 110.1 | 112.0 | 113.8 | 117.4 | 123.8 | 135.2 | 145.6 | 154.3 |
| 67.5° | 91.9 | 92.2 | 92.5 | 93.4 | 93.9 | 95.9 | 97.3 | 100.1 | 102.8 | 112.7 | 123.4 |
| 70° | 81.1 | 82.4 | 81.9 | 82.8 | 83.3 | 84.2 | 86.1 | 87.4 | 91.5 | 93.8 | 100.1 |
| 72.5° | 70.8 | 71.8 | 71.7 | 72.3 | 73.5 | 73.7 | 75.1 | 76.5 | 79.1 | 81.1 | 84.4 |
| 75° | 57.3 | 56.9 | 57.3 | 58.2 | 58.7 | 59.2 | 59.2 | 61.0 | 62.3 | 64.2 | 66.4 |
| 77.5° | 44.2 | 44.7 | 44.6 | 44.7 | 44.8 | 45.6 | 45.5 | 46.4 | 47.7 | 48.6 | 49.7 |
| 80° | 35.5 | 35.9 | 35.5 | 35.9 | 36.4 | 36.8 | 36.4 | 36.8 | 38.3 | 39.1 | 39.1 |
| 82.5° | 27.5 | 27.6 | 27.8 | 27.9 | 28.0 | 28.1 | 28.8 | 28.9 | 29.9 | 29.7 | 30.1 |
| 85° | 16.4 | 16.0 | 16.0 | 16.0 | 16.4 | 16.9 | 16.4 | 16.4 | 16.9 | 16.9 | 16.9 |
| 87.5° | 7.8 | 8.2 | 8.2 | 8.1 | 8.1 | 8.0 | 7.9 | 8.3 | 7.8 | 8.1 | 7.6 |
| 90° | 10.3 | 10.2 | 10.0 | 9.8 | 9.6 | 9.3 | 8.9 | 8.5 | 8.0 | 7.6 | 7.0 |
| 92.5° | 10.3 | 10.2 | 10.1 | 10.0 | 9.9 | 9.7 | 9.5 | 9.3 | 9.1 | 8.8 | 8.5 |
| 95° | 16.4 | 16.5 | 16.6 | 16.7 | 16.8 | 16.6 | 16.1 | 15.7 | 15.2 | 14.9 | 14.3 |
| 97.5° | 21.8 | 21.8 | 21.7 | 21.6 | 21.5 | 21.2 | 21.0 | 20.6 | 20.2 | 19.9 | 18.5 |
| 100° | 25.5 | 25.3 | 25.2 | 25.1 | 24.9 | 24.4 | 23.7 | 23.1 | 22.4 | 21.8 | 20.2 |
| 102.5° | 27.4 | 27.1 | 26.9 | 26.7 | 26.4 | 25.9 | 25.0 | 24.1 | 23.2 | 22.3 | 34.4 |
| 105° | 29.0 | 28.6 | 28.3 | 27.9 | 27.6 | 27.0 | 26.0 | 25.1 | 24.2 | 23.3 | 46.4 |
| 107.5° | 29.8 | 29.4 | 29.2 | 28.8 | 28.4 | 28.7 | 29.7 | 30.7 | 31.6 | 32.5 | 60.3 |
| 110° | 30.1 | 29.8 | 29.4 | 29.1 | 28.7 | 32.8 | 41.3 | 49.8 | 58.2 | 66.7 | 91.1 |



TEST NUMBER: P331805-940

CATALOG NUMBER: S122RDIW-S675D435U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 30.4 | 30.1 | 29.9 | 29.6 | 29.3 | 44.7 | 75.5 | 106.5 | 137.3 | 168.3 | 174.2 |
| 115° | 31.2 | 37.4 | 43.4 | 49.6 | 55.6 | 78.3 | 117.5 | 156.8 | 195.9 | 235.1 | 233.0 |
| 117.5° | 127.6 | 147.7 | 167.6 | 187.7 | 207.8 | 222.5 | 232.0 | 241.5 | 251.0 | 260.5 | 259.0 |
| 120° | 232.5 | 243.9 | 255.4 | 266.8 | 278.2 | 283.5 | 282.4 | 281.4 | 280.4 | 279.4 | 277.9 |
| 122.5° | 290.1 | 292.3 | 294.5 | 296.8 | 299.0 | 299.8 | 299.2 | 298.5 | 298.0 | 297.4 | 295.7 |
| 125° | 325.8 | 325.7 | 325.4 | 325.1 | 324.9 | 324.4 | 323.9 | 323.2 | 322.6 | 322.1 | 320.5 |
| 127.5° | 348.4 | 348.4 | 348.3 | 348.3 | 348.2 | 347.8 | 346.9 | 346.1 | 345.2 | 344.3 | 343.1 |
| 130° | 362.5 | 362.6 | 362.7 | 362.7 | 362.8 | 362.4 | 361.4 | 360.5 | 359.5 | 358.6 | 357.8 |
| 132.5° | 376.2 | 376.3 | 376.3 | 376.4 | 376.5 | 376.1 | 375.3 | 374.6 | 373.8 | 373.0 | 372.0 |
| 135° | 396.0 | 396.2 | 396.4 | 396.5 | 396.6 | 396.4 | 395.5 | 394.7 | 393.8 | 393.0 | 392.2 |
| 137.5° | 414.0 | 414.4 | 414.6 | 414.9 | 415.2 | 414.9 | 414.1 | 413.3 | 412.4 | 411.6 | 410.7 |
| 140° | 425.3 | 425.8 | 426.1 | 426.6 | 427.0 | 426.9 | 426.1 | 425.3 | 424.5 | 423.8 | 422.8 |
| 142.5° | 436.3 | 436.8 | 437.2 | 437.6 | 438.0 | 437.9 | 437.2 | 436.5 | 435.8 | 435.1 | 434.0 |
| 145° | 451.7 | 452.1 | 452.5 | 452.9 | 453.3 | 453.3 | 452.6 | 452.1 | 451.5 | 450.8 | 449.4 |
| 147.5° | 465.1 | 465.5 | 465.8 | 466.2 | 466.5 | 466.5 | 466.1 | 465.7 | 465.2 | 464.8 | 463.3 |
| 150° | 473.4 | 473.8 | 474.2 | 474.7 | 475.1 | 475.0 | 474.5 | 474.0 | 473.5 | 473.0 | 471.6 |
| 152.5° | 480.4 | 480.9 | 481.5 | 482.1 | 482.6 | 482.7 | 482.1 | 481.6 | 481.1 | 480.6 | 479.3 |
| 155° | 490.2 | 490.8 | 491.5 | 492.1 | 492.8 | 492.9 | 492.4 | 492.0 | 491.4 | 490.9 | 489.9 |
| 157.5° | 499.1 | 499.7 | 500.3 | 501.1 | 501.7 | 501.8 | 501.1 | 500.6 | 500.0 | 499.4 | 498.7 |
| 160° | 504.3 | 504.8 | 505.4 | 506.0 | 506.6 | 506.7 | 506.1 | 505.6 | 505.2 | 504.6 | 504.1 |
| 162.5° | 508.5 | 509.3 | 510.0 | 510.7 | 511.4 | 511.5 | 511.0 | 510.3 | 509.8 | 509.2 | 508.7 |
| 165° | 514.9 | 515.5 | 516.1 | 516.7 | 517.3 | 517.3 | 516.7 | 516.1 | 515.5 | 514.9 | 514.7 |
| 167.5° | 519.0 | 519.7 | 520.5 | 521.2 | 522.0 | 522.1 | 521.5 | 520.9 | 520.3 | 519.7 | 519.5 |
| 170° | 521.4 | 522.2 | 522.9 | 523.7 | 524.4 | 524.5 | 524.0 | 523.3 | 522.7 | 522.2 | 522.0 |
| 172.5° | 523.3 | 524.0 | 524.8 | 525.5 | 526.3 | 526.4 | 525.8 | 525.1 | 524.6 | 524.0 | 523.8 |
| 175° | 524.9 | 525.7 | 526.6 | 527.4 | 528.2 | 528.3 | 527.7 | 527.2 | 526.6 | 525.9 | 525.8 |
| 177.5° | 525.8 | 526.4 | 527.0 | 527.6 | 528.2 | 528.3 | 527.8 | 527.4 | 526.9 | 526.4 | 526.4 |
| 180° | 526.7 | 526.7 | 526.7 | 526.7 | 526.7 | 526.7 | 526.7 | 526.7 | 526.7 | 526.7 | 526.7 |



TEST NUMBER: P331805-940

CATALOG NUMBER: S122RDIW-S675D435U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1310.0 | 1310.0 | 1310.0 | 1310.0 | 1310.0 | 1310.0 | 1310.0 | 1310.0 | 1310.0 | 1310.0 | 1310.0 |
| 2.5° | 1341.3 | 1338.4 | 1335.9 | 1329.3 | 1326.1 | 1318.8 | 1317.7 | 1317.3 | 1307.8 | 1298.7 | 1296.2 |
| 5° | 1387.4 | 1380.1 | 1369.1 | 1356.4 | 1343.2 | 1329.5 | 1320.4 | 1313.2 | 1294.9 | 1277.6 | 1267.7 |
| 7.5° | 1433.8 | 1418.2 | 1399.3 | 1375.2 | 1355.0 | 1332.5 | 1315.7 | 1300.7 | 1274.9 | 1250.1 | 1233.4 |
| 10° | 1468.4 | 1442.9 | 1417.9 | 1384.6 | 1358.7 | 1333.2 | 1309.6 | 1289.1 | 1259.9 | 1227.2 | 1203.9 |
| 12.5° | 1489.9 | 1461.9 | 1427.4 | 1394.8 | 1361.3 | 1328.8 | 1297.2 | 1270.9 | 1236.6 | 1202.7 | 1175.2 |
| 15° | 1518.9 | 1488.9 | 1447.0 | 1400.6 | 1357.4 | 1315.0 | 1278.6 | 1245.8 | 1201.2 | 1160.7 | 1127.0 |
| 17.5° | 1542.7 | 1501.4 | 1456.3 | 1402.7 | 1352.6 | 1298.8 | 1251.9 | 1210.1 | 1160.4 | 1111.5 | 1071.8 |
| 20° | 1550.3 | 1509.4 | 1457.5 | 1403.7 | 1344.6 | 1281.3 | 1230.8 | 1185.3 | 1132.0 | 1078.8 | 1033.2 |
| 22.5° | 1545.6 | 1513.8 | 1456.0 | 1391.8 | 1331.1 | 1264.9 | 1207.8 | 1155.0 | 1096.0 | 1041.6 | 988.8 |
| 25° | 1513.5 | 1502.5 | 1448.0 | 1377.8 | 1308.7 | 1231.7 | 1165.7 | 1107.9 | 1040.5 | 982.3 | 924.9 |
| 27.5° | 1438.5 | 1462.1 | 1428.3 | 1353.6 | 1276.7 | 1194.2 | 1120.0 | 1054.2 | 984.3 | 918.7 | 861.6 |
| 30° | 1366.5 | 1420.6 | 1406.0 | 1336.9 | 1250.8 | 1169.8 | 1086.5 | 1017.8 | 943.2 | 875.7 | 819.3 |
| 32.5° | 1267.7 | 1357.3 | 1371.5 | 1313.6 | 1224.6 | 1135.6 | 1048.3 | 979.9 | 902.0 | 831.0 | 776.0 |
| 35° | 1110.6 | 1244.5 | 1305.9 | 1269.0 | 1179.8 | 1083.8 | 993.6 | 914.0 | 835.7 | 765.6 | 711.0 |
| 37.5° | 923.2 | 1105.5 | 1207.8 | 1210.5 | 1128.5 | 1028.7 | 930.6 | 851.5 | 771.3 | 702.5 | 643.5 |
| 40° | 801.6 | 999.1 | 1132.5 | 1162.1 | 1092.9 | 985.0 | 885.7 | 805.2 | 726.9 | 659.5 | 591.7 |
| 42.5° | 692.3 | 889.1 | 1053.1 | 1104.6 | 1049.5 | 942.4 | 842.8 | 758.6 | 682.5 | 618.8 | 549.5 |
| 45° | 559.9 | 731.9 | 912.7 | 1004.6 | 974.1 | 874.9 | 769.7 | 689.6 | 618.1 | 563.0 | 496.6 |
| 47.5° | 472.3 | 593.5 | 768.4 | 892.8 | 892.2 | 801.6 | 698.2 | 621.5 | 555.3 | 503.6 | 449.8 |
| 50° | 422.4 | 528.0 | 675.9 | 817.1 | 828.8 | 752.9 | 654.5 | 578.5 | 516.7 | 462.4 | 419.2 |
| 52.5° | 377.6 | 464.7 | 597.6 | 732.9 | 766.6 | 700.8 | 605.4 | 535.2 | 475.1 | 425.3 | 388.3 |
| 55° | 319.1 | 386.5 | 487.5 | 614.0 | 665.0 | 618.6 | 534.0 | 468.4 | 419.6 | 377.8 | 345.9 |
| 57.5° | 269.9 | 320.5 | 401.5 | 503.5 | 562.8 | 533.6 | 463.7 | 410.5 | 368.8 | 330.9 | 305.8 |
| 60° | 239.0 | 280.4 | 349.1 | 434.3 | 499.8 | 479.3 | 419.6 | 370.1 | 334.6 | 301.8 | 278.1 |
| 62.5° | 209.8 | 245.4 | 304.3 | 373.4 | 433.5 | 425.1 | 376.3 | 334.7 | 303.6 | 273.8 | 253.7 |
| 65° | 168.9 | 194.8 | 240.8 | 295.0 | 343.2 | 347.3 | 312.3 | 284.0 | 256.3 | 232.6 | 214.8 |
| 67.5° | 134.5 | 151.4 | 183.8 | 229.4 | 265.6 | 278.5 | 257.1 | 235.5 | 213.5 | 195.2 | 179.8 |
| 70° | 113.3 | 127.0 | 150.7 | 187.5 | 220.8 | 234.4 | 222.1 | 205.3 | 186.2 | 171.1 | 157.9 |
| 72.5° | 91.8 | 105.1 | 122.6 | 149.6 | 178.2 | 192.9 | 188.6 | 176.6 | 161.0 | 148.6 | 136.1 |
| 75° | 69.2 | 73.3 | 85.2 | 103.3 | 125.6 | 138.4 | 141.6 | 135.2 | 122.9 | 113.3 | 106.0 |
| 77.5° | 51.2 | 53.6 | 59.3 | 68.8 | 83.4 | 94.8 | 99.4 | 98.7 | 90.2 | 84.6 | 77.8 |
| 80° | 40.9 | 42.4 | 45.0 | 49.1 | 60.1 | 71.4 | 74.6 | 74.6 | 68.8 | 66.4 | 59.7 |
| 82.5° | 31.1 | 32.1 | 33.8 | 36.0 | 41.1 | 51.1 | 54.7 | 55.4 | 51.6 | 48.6 | 43.2 |
| 85° | 17.7 | 17.3 | 18.2 | 19.5 | 20.5 | 23.2 | 28.7 | 29.6 | 28.7 | 25.1 | 23.6 |
| 87.5° | 7.4 | 7.7 | 7.6 | 7.0 | 7.2 | 7.4 | 9.0 | 10.6 | 9.4 | 8.5 | 7.9 |
| 90° | 6.2 | 5.6 | 4.9 | 4.1 | 3.2 | 2.2 | 1.3 | 0.4 | 1.3 | 2.2 | 3.2 |
| 92.5° | 8.2 | 7.8 | 7.5 | 7.4 | 7.4 | 7.5 | 7.6 | 7.7 | 7.6 | 7.5 | 7.4 |
| 95° | 13.6 | 13.1 | 12.5 | 13.6 | 16.4 | 19.2 | 21.9 | 24.8 | 21.9 | 19.2 | 16.4 |
| 97.5° | 17.1 | 15.8 | 14.4 | 17.7 | 25.5 | 33.4 | 41.3 | 49.1 | 41.3 | 33.4 | 25.5 |
| 100° | 18.8 | 17.4 | 16.0 | 21.0 | 32.6 | 44.2 | 55.8 | 67.5 | 55.8 | 44.2 | 32.6 |
| 102.5° | 46.5 | 58.5 | 70.5 | 77.8 | 80.3 | 82.7 | 85.2 | 87.6 | 85.2 | 82.7 | 80.3 |
| 105° | 69.5 | 92.6 | 115.7 | 126.0 | 123.5 | 120.9 | 118.4 | 115.8 | 118.4 | 120.9 | 123.5 |
| 107.5° | 88.0 | 115.7 | 143.5 | 156.3 | 154.3 | 152.2 | 150.2 | 148.1 | 150.2 | 152.2 | 154.3 |
| 110° | 115.7 | 140.1 | 164.6 | 175.9 | 174.2 | 172.4 | 170.6 | 168.8 | 170.6 | 172.4 | 174.2 |



TEST NUMBER: P331805-940

CATALOG NUMBER: S122RDIW-S675D435U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 180.3 | 186.4 | 192.4 | 194.7 | 193.1 | 191.5 | 189.9 | 188.3 | 189.9 | 191.5 | 193.1 |
| 115° | 231.0 | 228.8 | 226.7 | 224.9 | 223.5 | 222.0 | 220.6 | 219.2 | 220.6 | 222.0 | 223.5 |
| 117.5° | 257.5 | 256.1 | 254.7 | 253.1 | 251.5 | 249.9 | 248.3 | 246.6 | 248.3 | 249.9 | 251.5 |
| 120° | 276.3 | 274.8 | 273.3 | 271.9 | 270.6 | 269.3 | 268.0 | 266.8 | 268.0 | 269.3 | 270.6 |
| 122.5° | 294.0 | 292.4 | 290.7 | 289.2 | 287.8 | 286.5 | 285.2 | 283.8 | 285.2 | 286.5 | 287.8 |
| 125° | 318.9 | 317.3 | 315.6 | 314.2 | 313.2 | 312.1 | 310.9 | 309.9 | 310.9 | 312.1 | 313.2 |
| 127.5° | 341.9 | 340.7 | 339.5 | 338.3 | 337.1 | 335.8 | 334.7 | 333.4 | 334.7 | 335.8 | 337.1 |
| 130° | 356.8 | 355.9 | 354.9 | 353.7 | 352.4 | 351.1 | 349.7 | 348.4 | 349.7 | 351.1 | 352.4 |
| 132.5° | 371.1 | 370.1 | 369.3 | 368.2 | 367.0 | 365.9 | 364.7 | 363.6 | 364.7 | 365.9 | 367.0 |
| 135° | 391.5 | 390.7 | 389.9 | 388.9 | 387.4 | 386.1 | 384.8 | 383.4 | 384.8 | 386.1 | 387.4 |
| 137.5° | 409.9 | 409.0 | 408.1 | 407.2 | 406.4 | 405.4 | 404.4 | 403.5 | 404.4 | 405.4 | 406.4 |
| 140° | 422.0 | 421.1 | 420.1 | 419.3 | 418.6 | 417.9 | 417.2 | 416.6 | 417.2 | 417.9 | 418.6 |
| 142.5° | 432.9 | 431.9 | 430.9 | 430.0 | 429.4 | 428.7 | 428.2 | 427.6 | 428.2 | 428.7 | 429.4 |
| 145° | 448.0 | 446.6 | 445.1 | 444.4 | 444.5 | 444.6 | 444.7 | 444.8 | 444.7 | 444.6 | 444.5 |
| 147.5° | 461.9 | 460.5 | 459.1 | 458.5 | 458.9 | 459.1 | 459.5 | 459.8 | 459.5 | 459.1 | 458.9 |
| 150° | 470.3 | 469.0 | 467.5 | 467.2 | 467.8 | 468.3 | 469.0 | 469.6 | 469.0 | 468.3 | 467.8 |
| 152.5° | 478.0 | 476.7 | 475.5 | 475.1 | 475.8 | 476.4 | 477.2 | 477.8 | 477.2 | 476.4 | 475.8 |
| 155° | 488.8 | 487.9 | 486.9 | 486.7 | 487.5 | 488.2 | 489.0 | 489.7 | 489.0 | 488.2 | 487.5 |
| 157.5° | 498.0 | 497.3 | 496.6 | 496.6 | 497.2 | 497.8 | 498.5 | 499.1 | 498.5 | 497.8 | 497.2 |
| 160° | 503.6 | 503.1 | 502.6 | 502.6 | 503.1 | 503.6 | 504.1 | 504.6 | 504.1 | 503.6 | 503.1 |
| 162.5° | 508.3 | 507.8 | 507.5 | 507.5 | 508.0 | 508.5 | 509.0 | 509.5 | 509.0 | 508.5 | 508.0 |
| 165° | 514.4 | 514.2 | 513.9 | 514.0 | 514.5 | 515.1 | 515.6 | 516.0 | 515.6 | 515.1 | 514.5 |
| 167.5° | 519.2 | 519.0 | 518.8 | 518.9 | 519.4 | 520.0 | 520.4 | 520.9 | 520.4 | 520.0 | 519.4 |
| 170° | 521.8 | 521.7 | 521.5 | 521.7 | 522.2 | 522.6 | 523.2 | 523.7 | 523.2 | 522.6 | 522.2 |
| 172.5° | 523.6 | 523.4 | 523.3 | 523.4 | 524.0 | 524.5 | 525.0 | 525.5 | 525.0 | 524.5 | 524.0 |
| 175° | 525.7 | 525.5 | 525.3 | 525.5 | 526.1 | 526.6 | 527.3 | 527.9 | 527.3 | 526.6 | 526.1 |
| 177.5° | 526.3 | 526.2 | 526.1 | 526.4 | 526.8 | 527.3 | 527.8 | 528.2 | 527.8 | 527.3 | 526.8 |
| 180° | 526.7 | 526.7 | 526.7 | 526.7 | 526.7 | 526.7 | 526.7 | 526.7 | 526.7 | 526.7 | 526.7 |



TEST NUMBER: P331805-940

CATALOG NUMBER: S122RDIW-S675D435U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1310.0 | 1310.0 | 1310.0 | 1310.0 | 1310.0 | 1310.0 | 1310.0 | 1310.0 | 1310.0 | 1310.0 | 1310.0 |
| 2.5° | 1291.5 | 1288.9 | 1284.2 | 1276.8 | 1272.5 | 1264.8 | 1259.7 | 1262.7 | 1263.4 | 1262.7 | 1261.9 |
| 5° | 1256.8 | 1247.1 | 1233.9 | 1221.2 | 1209.4 | 1196.7 | 1189.4 | 1186.2 | 1179.8 | 1176.2 | 1174.4 |
| 7.5° | 1214.8 | 1198.3 | 1179.6 | 1157.4 | 1138.5 | 1118.8 | 1108.8 | 1103.7 | 1090.7 | 1083.6 | 1077.4 |
| 10° | 1183.5 | 1157.5 | 1138.9 | 1109.7 | 1092.0 | 1066.0 | 1048.3 | 1048.7 | 1031.0 | 1020.9 | 1013.7 |
| 12.5° | 1148.9 | 1120.3 | 1089.3 | 1063.1 | 1038.4 | 1017.6 | 996.2 | 987.6 | 968.7 | 959.0 | 939.4 |
| 15° | 1091.5 | 1058.3 | 1025.6 | 990.0 | 965.0 | 932.6 | 901.7 | 863.9 | 833.4 | 807.0 | 799.8 |
| 17.5° | 1028.9 | 987.7 | 954.8 | 913.2 | 870.3 | 815.9 | 780.1 | 758.1 | 739.8 | 725.9 | 715.4 |
| 20° | 985.9 | 944.1 | 909.0 | 846.1 | 788.4 | 751.5 | 725.1 | 708.3 | 689.1 | 674.1 | 665.9 |
| 22.5° | 940.8 | 897.1 | 849.3 | 779.2 | 734.1 | 704.5 | 681.0 | 661.6 | 648.7 | 636.9 | 629.5 |
| 25° | 876.6 | 828.8 | 750.1 | 701.9 | 665.5 | 634.5 | 618.1 | 606.3 | 592.6 | 576.7 | 569.4 |
| 27.5° | 809.0 | 732.9 | 676.4 | 640.5 | 605.7 | 585.6 | 570.9 | 553.2 | 541.0 | 533.9 | 526.3 |
| 30° | 758.3 | 682.3 | 638.2 | 599.1 | 574.4 | 552.1 | 534.8 | 524.9 | 513.0 | 500.7 | 495.7 |
| 32.5° | 701.9 | 641.1 | 598.9 | 566.2 | 541.3 | 522.3 | 508.6 | 492.4 | 483.8 | 476.3 | 465.8 |
| 35° | 631.8 | 585.9 | 547.2 | 520.8 | 497.0 | 481.6 | 465.7 | 456.1 | 440.6 | 434.3 | 430.2 |
| 37.5° | 572.4 | 532.5 | 503.7 | 475.8 | 457.1 | 440.0 | 430.3 | 415.0 | 408.3 | 399.5 | 390.8 |
| 40° | 539.0 | 499.8 | 472.0 | 449.2 | 428.3 | 415.5 | 403.3 | 391.0 | 380.9 | 376.9 | 366.4 |
| 42.5° | 504.7 | 472.9 | 445.1 | 420.1 | 406.1 | 392.6 | 377.1 | 368.1 | 357.7 | 351.1 | 344.6 |
| 45° | 457.4 | 429.3 | 405.6 | 385.0 | 369.6 | 355.5 | 345.4 | 330.5 | 324.6 | 311.3 | 305.9 |
| 47.5° | 416.0 | 389.7 | 367.1 | 347.7 | 332.5 | 323.3 | 308.7 | 296.9 | 287.5 | 279.4 | 272.4 |
| 50° | 386.5 | 364.6 | 342.8 | 325.5 | 311.8 | 298.6 | 283.6 | 277.7 | 263.1 | 259.0 | 254.9 |
| 52.5° | 359.5 | 338.8 | 318.7 | 301.8 | 288.1 | 275.3 | 262.1 | 254.3 | 244.5 | 240.4 | 237.5 |
| 55° | 321.8 | 301.8 | 282.7 | 267.6 | 254.0 | 240.8 | 232.6 | 223.0 | 218.5 | 215.3 | 211.7 |
| 57.5° | 283.9 | 265.9 | 251.3 | 236.0 | 222.3 | 211.9 | 202.3 | 196.6 | 191.9 | 187.7 | 183.3 |
| 60° | 259.9 | 242.6 | 229.4 | 215.3 | 201.2 | 192.5 | 185.3 | 178.4 | 173.0 | 166.6 | 164.8 |
| 62.5° | 234.4 | 219.3 | 207.2 | 193.4 | 181.2 | 173.3 | 166.3 | 159.9 | 153.3 | 144.0 | 141.4 |
| 65° | 199.4 | 187.5 | 174.8 | 163.5 | 152.5 | 144.7 | 134.7 | 127.4 | 124.8 | 123.8 | 123.3 |
| 67.5° | 167.7 | 156.5 | 145.5 | 133.9 | 123.9 | 116.8 | 111.7 | 110.6 | 108.7 | 108.2 | 106.9 |
| 70° | 146.6 | 136.1 | 125.2 | 114.2 | 104.7 | 103.3 | 101.5 | 99.7 | 97.4 | 96.5 | 95.6 |
| 72.5° | 127.6 | 116.8 | 105.8 | 97.1 | 93.0 | 91.3 | 89.5 | 87.7 | 86.1 | 85.2 | 84.6 |
| 75° | 97.8 | 87.8 | 80.6 | 77.4 | 75.1 | 73.7 | 71.0 | 69.6 | 68.8 | 67.3 | 66.9 |
| 77.5° | 70.4 | 64.8 | 61.4 | 59.5 | 57.1 | 55.6 | 54.0 | 52.7 | 51.7 | 51.5 | 50.7 |
| 80° | 53.7 | 51.0 | 48.7 | 46.0 | 45.0 | 43.2 | 42.8 | 41.5 | 41.9 | 40.5 | 40.5 |
| 82.5° | 41.7 | 38.3 | 36.3 | 35.0 | 34.2 | 32.7 | 32.2 | 31.6 | 31.7 | 30.7 | 30.7 |
| 85° | 21.4 | 20.5 | 19.5 | 18.6 | 18.6 | 17.3 | 17.7 | 17.3 | 17.3 | 16.4 | 16.0 |
| 87.5° | 7.8 | 7.6 | 7.0 | 7.0 | 7.2 | 7.0 | 7.0 | 6.8 | 6.9 | 7.0 | 6.7 |
| 90° | 4.1 | 4.9 | 5.6 | 6.2 | 7.0 | 7.6 | 8.0 | 8.5 | 8.9 | 9.3 | 9.6 |
| 92.5° | 7.4 | 7.5 | 7.8 | 8.2 | 8.5 | 8.8 | 9.1 | 9.3 | 9.5 | 9.7 | 9.9 |
| 95° | 13.6 | 12.5 | 13.1 | 13.6 | 14.3 | 14.9 | 15.2 | 15.7 | 16.1 | 16.6 | 16.8 |
| 97.5° | 17.7 | 14.4 | 15.8 | 17.1 | 18.5 | 19.9 | 20.2 | 20.6 | 21.0 | 21.2 | 21.5 |
| 100° | 21.0 | 16.0 | 17.4 | 18.8 | 20.2 | 21.8 | 22.4 | 23.1 | 23.7 | 24.4 | 24.9 |
| 102.5° | 77.8 | 70.5 | 58.5 | 46.5 | 34.4 | 22.3 | 23.2 | 24.1 | 25.0 | 25.9 | 26.4 |
| 105° | 126.0 | 115.7 | 92.6 | 69.5 | 46.4 | 23.3 | 24.2 | 25.1 | 26.0 | 27.0 | 27.6 |
| 107.5° | 156.3 | 143.5 | 115.7 | 88.0 | 60.3 | 32.5 | 31.6 | 30.7 | 29.7 | 28.7 | 28.4 |
| 110° | 175.9 | 164.6 | 140.1 | 115.7 | 91.1 | 66.7 | 58.2 | 49.8 | 41.3 | 32.8 | 28.7 |



TEST NUMBER: P331805-940

CATALOG NUMBER: S122RDIW-S675D435U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 194.7 | 192.4 | 186.4 | 180.3 | 174.2 | 168.3 | 137.3 | 106.5 | 75.5 | 44.7 | 29.3 |
| 115° | 224.9 | 226.7 | 228.8 | 231.0 | 233.0 | 235.1 | 195.9 | 156.8 | 117.5 | 78.3 | 55.6 |
| 117.5° | 253.1 | 254.7 | 256.1 | 257.5 | 259.0 | 260.5 | 251.0 | 241.5 | 232.0 | 222.5 | 207.8 |
| 120° | 271.9 | 273.3 | 274.8 | 276.3 | 277.9 | 279.4 | 280.4 | 281.4 | 282.4 | 283.5 | 278.2 |
| 122.5° | 289.2 | 290.7 | 292.4 | 294.0 | 295.7 | 297.4 | 298.0 | 298.5 | 299.2 | 299.8 | 299.0 |
| 125° | 314.2 | 315.6 | 317.3 | 318.9 | 320.5 | 322.1 | 322.6 | 323.2 | 323.9 | 324.4 | 324.9 |
| 127.5° | 338.3 | 339.5 | 340.7 | 341.9 | 343.1 | 344.3 | 345.2 | 346.1 | 346.9 | 347.8 | 348.2 |
| 130° | 353.7 | 354.9 | 355.9 | 356.8 | 357.8 | 358.6 | 359.5 | 360.5 | 361.4 | 362.4 | 362.8 |
| 132.5° | 368.2 | 369.3 | 370.1 | 371.1 | 372.0 | 373.0 | 373.8 | 374.6 | 375.3 | 376.1 | 376.5 |
| 135° | 388.9 | 389.9 | 390.7 | 391.5 | 392.2 | 393.0 | 393.8 | 394.7 | 395.5 | 396.4 | 396.6 |
| 137.5° | 407.2 | 408.1 | 409.0 | 409.9 | 410.7 | 411.6 | 412.4 | 413.3 | 414.1 | 414.9 | 415.2 |
| 140° | 419.3 | 420.1 | 421.1 | 422.0 | 422.8 | 423.8 | 424.5 | 425.3 | 426.1 | 426.9 | 427.0 |
| 142.5° | 430.0 | 430.9 | 431.9 | 432.9 | 434.0 | 435.1 | 435.8 | 436.5 | 437.2 | 437.9 | 438.0 |
| 145° | 444.4 | 445.1 | 446.6 | 448.0 | 449.4 | 450.8 | 451.5 | 452.1 | 452.6 | 453.3 | 453.3 |
| 147.5° | 458.5 | 459.1 | 460.5 | 461.9 | 463.3 | 464.8 | 465.2 | 465.7 | 466.1 | 466.5 | 466.5 |
| 150° | 467.2 | 467.5 | 469.0 | 470.3 | 471.6 | 473.0 | 473.5 | 474.0 | 474.5 | 475.0 | 475.1 |
| 152.5° | 475.1 | 475.5 | 476.7 | 478.0 | 479.3 | 480.6 | 481.1 | 481.6 | 482.1 | 482.7 | 482.6 |
| 155° | 486.7 | 486.9 | 487.9 | 488.8 | 489.9 | 490.9 | 491.4 | 492.0 | 492.4 | 492.9 | 492.8 |
| 157.5° | 496.6 | 496.6 | 497.3 | 498.0 | 498.7 | 499.4 | 500.0 | 500.6 | 501.1 | 501.8 | 501.7 |
| 160° | 502.6 | 502.6 | 503.1 | 503.6 | 504.1 | 504.6 | 505.2 | 505.6 | 506.1 | 506.7 | 506.6 |
| 162.5° | 507.5 | 507.5 | 507.8 | 508.3 | 508.7 | 509.2 | 509.8 | 510.3 | 511.0 | 511.5 | 511.4 |
| 165° | 514.0 | 513.9 | 514.2 | 514.4 | 514.7 | 514.9 | 515.5 | 516.1 | 516.7 | 517.3 | 517.3 |
| 167.5° | 518.9 | 518.8 | 519.0 | 519.2 | 519.5 | 519.7 | 520.3 | 520.9 | 521.5 | 522.1 | 522.0 |
| 170° | 521.7 | 521.5 | 521.7 | 521.8 | 522.0 | 522.2 | 522.7 | 523.3 | 524.0 | 524.5 | 524.4 |
| 172.5° | 523.4 | 523.3 | 523.4 | 523.6 | 523.8 | 524.0 | 524.6 | 525.1 | 525.8 | 526.4 | 526.3 |
| 175° | 525.5 | 525.3 | 525.5 | 525.7 | 525.8 | 525.9 | 526.6 | 527.2 | 527.7 | 528.3 | 528.2 |
| 177.5° | 526.4 | 526.1 | 526.2 | 526.3 | 526.4 | 526.4 | 526.9 | 527.4 | 527.8 | 528.3 | 528.2 |
| 180° | 526.7 | 526.7 | 526.7 | 526.7 | 526.7 | 526.7 | 526.7 | 526.7 | 526.7 | 526.7 | 526.7 |



TEST NUMBER: P331805-940

CATALOG NUMBER: S122RDIW-S675D435U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1310.0 | 1310.0 | 1310.0 | 1310.0 | 1310.0 | 1310.0 | 1310.0 | 1310.0 | 1310.0 | 1310.0 | 1310.0 |
| 2.5° | 1257.9 | 1258.6 | 1257.6 | 1258.3 | 1257.6 | 1258.6 | 1257.9 | 1261.9 | 1262.7 | 1263.4 | 1262.7 |
| 5° | 1172.1 | 1166.6 | 1165.7 | 1164.3 | 1165.7 | 1166.6 | 1172.1 | 1174.4 | 1176.2 | 1179.8 | 1186.2 |
| 7.5° | 1069.6 | 1068.7 | 1066.5 | 1063.3 | 1066.5 | 1068.7 | 1069.6 | 1077.4 | 1083.6 | 1090.7 | 1103.7 |
| 10° | 1003.6 | 1001.4 | 1000.9 | 997.7 | 1000.9 | 1001.4 | 1003.6 | 1013.7 | 1020.9 | 1031.0 | 1048.7 |
| 12.5° | 926.5 | 911.8 | 910.3 | 902.3 | 910.3 | 911.8 | 926.5 | 939.4 | 959.0 | 968.7 | 987.6 |
| 15° | 788.8 | 786.1 | 776.9 | 771.1 | 776.9 | 786.1 | 788.8 | 799.8 | 807.0 | 833.4 | 863.9 |
| 17.5° | 710.2 | 701.2 | 698.4 | 697.1 | 698.4 | 701.2 | 710.2 | 715.4 | 725.9 | 739.8 | 758.1 |
| 20° | 659.5 | 651.4 | 650.0 | 649.1 | 650.0 | 651.4 | 659.5 | 665.9 | 674.1 | 689.1 | 708.3 |
| 22.5° | 624.6 | 616.0 | 612.5 | 609.8 | 612.5 | 616.0 | 624.6 | 629.5 | 636.9 | 648.7 | 661.6 |
| 25° | 564.9 | 561.7 | 559.9 | 558.9 | 559.9 | 561.7 | 564.9 | 569.4 | 576.7 | 592.6 | 606.3 |
| 27.5° | 518.2 | 511.1 | 509.8 | 507.5 | 509.8 | 511.1 | 518.2 | 526.3 | 533.9 | 541.0 | 553.2 |
| 30° | 491.6 | 489.3 | 486.2 | 483.4 | 486.2 | 489.3 | 491.6 | 495.7 | 500.7 | 513.0 | 524.9 |
| 32.5° | 460.3 | 458.3 | 455.6 | 454.2 | 455.6 | 458.3 | 460.3 | 465.8 | 476.3 | 483.8 | 492.4 |
| 35° | 425.6 | 419.2 | 416.5 | 412.4 | 416.5 | 419.2 | 425.6 | 430.2 | 434.3 | 440.6 | 456.1 |
| 37.5° | 388.9 | 385.6 | 381.7 | 383.1 | 381.7 | 385.6 | 388.9 | 390.8 | 399.5 | 408.3 | 415.0 |
| 40° | 360.5 | 358.2 | 357.3 | 356.9 | 357.3 | 358.2 | 360.5 | 366.4 | 376.9 | 380.9 | 391.0 |
| 42.5° | 338.0 | 331.6 | 329.3 | 329.2 | 329.3 | 331.6 | 338.0 | 344.6 | 351.1 | 357.7 | 368.1 |
| 45° | 303.6 | 297.7 | 293.6 | 294.1 | 293.6 | 297.7 | 303.6 | 305.9 | 311.3 | 324.6 | 330.5 |
| 47.5° | 268.5 | 268.3 | 265.7 | 266.5 | 265.7 | 268.3 | 268.5 | 272.4 | 279.4 | 287.5 | 296.9 |
| 50° | 251.7 | 249.0 | 247.2 | 247.6 | 247.2 | 249.0 | 251.7 | 254.9 | 259.0 | 263.1 | 277.7 |
| 52.5° | 235.7 | 233.4 | 231.8 | 233.8 | 231.8 | 233.4 | 235.7 | 237.5 | 240.4 | 244.5 | 254.3 |
| 55° | 209.4 | 206.6 | 206.2 | 205.7 | 206.2 | 206.6 | 209.4 | 211.7 | 215.3 | 218.5 | 223.0 |
| 57.5° | 179.9 | 178.2 | 175.4 | 174.2 | 175.4 | 178.2 | 179.9 | 183.3 | 187.7 | 191.9 | 196.6 |
| 60° | 158.8 | 155.2 | 150.7 | 150.2 | 150.7 | 155.2 | 158.8 | 164.8 | 166.6 | 173.0 | 178.4 |
| 62.5° | 139.6 | 138.8 | 137.9 | 137.9 | 137.9 | 138.8 | 139.6 | 141.4 | 144.0 | 153.3 | 159.9 |
| 65° | 122.4 | 122.0 | 122.4 | 122.9 | 122.4 | 122.0 | 122.4 | 123.3 | 123.8 | 124.8 | 127.4 |
| 67.5° | 106.7 | 105.8 | 105.0 | 105.4 | 105.0 | 105.8 | 106.7 | 106.9 | 108.2 | 108.7 | 110.6 |
| 70° | 94.7 | 94.3 | 93.8 | 93.8 | 93.8 | 94.3 | 94.7 | 95.6 | 96.5 | 97.4 | 99.7 |
| 72.5° | 83.0 | 82.9 | 82.5 | 82.1 | 82.5 | 82.9 | 83.0 | 84.6 | 85.2 | 86.1 | 87.7 |
| 75° | 66.4 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 66.4 | 66.9 | 67.3 | 68.8 | 69.6 |
| 77.5° | 50.6 | 50.2 | 49.7 | 49.3 | 49.7 | 50.2 | 50.6 | 50.7 | 51.5 | 51.7 | 52.7 |
| 80° | 40.0 | 39.6 | 39.1 | 39.1 | 39.1 | 39.6 | 40.0 | 40.5 | 40.5 | 41.9 | 41.5 |
| 82.5° | 30.6 | 30.1 | 30.1 | 29.7 | 30.1 | 30.1 | 30.6 | 30.7 | 30.7 | 31.7 | 31.6 |
| 85° | 16.4 | 16.9 | 16.4 | 17.3 | 16.4 | 16.9 | 16.4 | 16.0 | 16.4 | 17.3 | 17.3 |
| 87.5° | 6.7 | 6.3 | 6.8 | 6.4 | 6.8 | 6.3 | 6.7 | 6.7 | 7.0 | 6.9 | 6.8 |
| 90° | 9.8 | 10.0 | 10.2 | 10.3 | 10.2 | 10.0 | 9.8 | 9.6 | 9.3 | 8.9 | 8.5 |
| 92.5° | 10.0 | 10.1 | 10.2 | 10.3 | 10.2 | 10.1 | 10.0 | 9.9 | 9.7 | 9.5 | 9.3 |
| 95° | 16.7 | 16.6 | 16.5 | 16.4 | 16.5 | 16.6 | 16.7 | 16.8 | 16.6 | 16.1 | 15.7 |
| 97.5° | 21.6 | 21.7 | 21.8 | 21.8 | 21.8 | 21.7 | 21.6 | 21.5 | 21.2 | 21.0 | 20.6 |
| 100° | 25.1 | 25.2 | 25.3 | 25.5 | 25.3 | 25.2 | 25.1 | 24.9 | 24.4 | 23.7 | 23.1 |
| 102.5° | 26.7 | 26.9 | 27.1 | 27.4 | 27.1 | 26.9 | 26.7 | 26.4 | 25.9 | 25.0 | 24.1 |
| 105° | 27.9 | 28.3 | 28.6 | 29.0 | 28.6 | 28.3 | 27.9 | 27.6 | 27.0 | 26.0 | 25.1 |
| 107.5° | 28.8 | 29.2 | 29.4 | 29.8 | 29.4 | 29.2 | 28.8 | 28.4 | 28.7 | 29.7 | 30.7 |
| 110° | 29.1 | 29.4 | 29.8 | 30.1 | 29.8 | 29.4 | 29.1 | 28.7 | 32.8 | 41.3 | 49.8 |



TEST NUMBER: P331805-940

CATALOG NUMBER: S122RDIW-S675D435U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 29.6 | 29.9 | 30.1 | 30.4 | 30.1 | 29.9 | 29.6 | 29.3 | 44.7 | 75.5 | 106.5 |
| 115° | 49.6 | 43.4 | 37.4 | 31.2 | 37.4 | 43.4 | 49.6 | 55.6 | 78.3 | 117.5 | 156.8 |
| 117.5° | 187.7 | 167.6 | 147.7 | 127.6 | 147.7 | 167.6 | 187.7 | 207.8 | 222.5 | 232.0 | 241.5 |
| 120° | 266.8 | 255.4 | 243.9 | 232.5 | 243.9 | 255.4 | 266.8 | 278.2 | 283.5 | 282.4 | 281.4 |
| 122.5° | 296.8 | 294.5 | 292.3 | 290.1 | 292.3 | 294.5 | 296.8 | 299.0 | 299.8 | 299.2 | 298.5 |
| 125° | 325.1 | 325.4 | 325.7 | 325.8 | 325.7 | 325.4 | 325.1 | 324.9 | 324.4 | 323.9 | 323.2 |
| 127.5° | 348.3 | 348.3 | 348.4 | 348.4 | 348.4 | 348.3 | 348.3 | 348.2 | 347.8 | 346.9 | 346.1 |
| 130° | 362.7 | 362.7 | 362.6 | 362.5 | 362.6 | 362.7 | 362.7 | 362.8 | 362.4 | 361.4 | 360.5 |
| 132.5° | 376.4 | 376.3 | 376.3 | 376.2 | 376.3 | 376.3 | 376.4 | 376.5 | 376.1 | 375.3 | 374.6 |
| 135° | 396.5 | 396.4 | 396.2 | 396.0 | 396.2 | 396.4 | 396.5 | 396.6 | 396.4 | 395.5 | 394.7 |
| 137.5° | 414.9 | 414.6 | 414.4 | 414.0 | 414.4 | 414.6 | 414.9 | 415.2 | 414.9 | 414.1 | 413.3 |
| 140° | 426.6 | 426.1 | 425.8 | 425.3 | 425.8 | 426.1 | 426.6 | 427.0 | 426.9 | 426.1 | 425.3 |
| 142.5° | 437.6 | 437.2 | 436.8 | 436.3 | 436.8 | 437.2 | 437.6 | 438.0 | 437.9 | 437.2 | 436.5 |
| 145° | 452.9 | 452.5 | 452.1 | 451.7 | 452.1 | 452.5 | 452.9 | 453.3 | 453.3 | 452.6 | 452.1 |
| 147.5° | 466.2 | 465.8 | 465.5 | 465.1 | 465.5 | 465.8 | 466.2 | 466.5 | 466.5 | 466.1 | 465.7 |
| 150° | 474.7 | 474.2 | 473.8 | 473.4 | 473.8 | 474.2 | 474.7 | 475.1 | 475.0 | 474.5 | 474.0 |
| 152.5° | 482.1 | 481.5 | 480.9 | 480.4 | 480.9 | 481.5 | 482.1 | 482.6 | 482.7 | 482.1 | 481.6 |
| 155° | 492.1 | 491.5 | 490.8 | 490.2 | 490.8 | 491.5 | 492.1 | 492.8 | 492.9 | 492.4 | 492.0 |
| 157.5° | 501.1 | 500.3 | 499.7 | 499.1 | 499.7 | 500.3 | 501.1 | 501.7 | 501.8 | 501.1 | 500.6 |
| 160° | 506.0 | 505.4 | 504.8 | 504.3 | 504.8 | 505.4 | 506.0 | 506.6 | 506.7 | 506.1 | 505.6 |
| 162.5° | 510.7 | 510.0 | 509.3 | 508.5 | 509.3 | 510.0 | 510.7 | 511.4 | 511.5 | 511.0 | 510.3 |
| 165° | 516.7 | 516.1 | 515.5 | 514.9 | 515.5 | 516.1 | 516.7 | 517.3 | 517.3 | 516.7 | 516.1 |
| 167.5° | 521.2 | 520.5 | 519.7 | 519.0 | 519.7 | 520.5 | 521.2 | 522.0 | 522.1 | 521.5 | 520.9 |
| 170° | 523.7 | 522.9 | 522.2 | 521.4 | 522.2 | 522.9 | 523.7 | 524.4 | 524.5 | 524.0 | 523.3 |
| 172.5° | 525.5 | 524.8 | 524.0 | 523.3 | 524.0 | 524.8 | 525.5 | 526.3 | 526.4 | 525.8 | 525.1 |
| 175° | 527.4 | 526.6 | 525.7 | 524.9 | 525.7 | 526.6 | 527.4 | 528.2 | 528.3 | 527.7 | 527.2 |
| 177.5° | 527.6 | 527.0 | 526.4 | 525.8 | 526.4 | 527.0 | 527.6 | 528.2 | 528.3 | 527.8 | 527.4 |
| 180° | 526.7 | 526.7 | 526.7 | 526.7 | 526.7 | 526.7 | 526.7 | 526.7 | 526.7 | 526.7 | 526.7 |



TEST NUMBER: P331805-940

CATALOG NUMBER: S122RDIW-S675D435U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1310.0 | 1310.0 | 1310.0 | 1310.0 | 1310.0 | 1310.0 | 1310.0 | 1310.0 | 1310.0 | 1310.0 | 1310.0 |
| 2.5° | 1259.7 | 1264.8 | 1272.5 | 1276.8 | 1284.2 | 1288.9 | 1291.5 | 1296.2 | 1298.7 | 1307.8 | 1317.3 |
| 5° | 1189.4 | 1196.7 | 1209.4 | 1221.2 | 1233.9 | 1247.1 | 1256.8 | 1267.7 | 1277.6 | 1294.9 | 1313.2 |
| 7.5° | 1108.8 | 1118.8 | 1138.5 | 1157.4 | 1179.6 | 1198.3 | 1214.8 | 1233.4 | 1250.1 | 1274.9 | 1300.7 |
| 10° | 1048.3 | 1066.0 | 1092.0 | 1109.7 | 1138.9 | 1157.5 | 1183.5 | 1203.9 | 1227.2 | 1259.9 | 1289.1 |
| 12.5° | 996.2 | 1017.6 | 1038.4 | 1063.1 | 1089.3 | 1120.3 | 1148.9 | 1175.2 | 1202.7 | 1236.6 | 1270.9 |
| 15° | 901.7 | 932.6 | 965.0 | 990.0 | 1025.6 | 1058.3 | 1091.5 | 1127.0 | 1160.7 | 1201.2 | 1245.8 |
| 17.5° | 780.1 | 815.9 | 870.3 | 913.2 | 954.8 | 987.7 | 1028.9 | 1071.8 | 1111.5 | 1160.4 | 1210.1 |
| 20° | 725.1 | 751.5 | 788.4 | 846.1 | 909.0 | 944.1 | 985.9 | 1033.2 | 1078.8 | 1132.0 | 1185.3 |
| 22.5° | 681.0 | 704.5 | 734.1 | 779.2 | 849.3 | 897.1 | 940.8 | 988.8 | 1041.6 | 1096.0 | 1155.0 |
| 25° | 618.1 | 634.5 | 665.5 | 701.9 | 750.1 | 828.8 | 876.6 | 924.9 | 982.3 | 1040.5 | 1107.9 |
| 27.5° | 570.9 | 585.6 | 605.7 | 640.5 | 676.4 | 732.9 | 809.0 | 861.6 | 918.7 | 984.3 | 1054.2 |
| 30° | 534.8 | 552.1 | 574.4 | 599.1 | 638.2 | 682.3 | 758.3 | 819.3 | 875.7 | 943.2 | 1017.8 |
| 32.5° | 508.6 | 522.3 | 541.3 | 566.2 | 598.9 | 641.1 | 701.9 | 776.0 | 831.0 | 902.0 | 979.9 |
| 35° | 465.7 | 481.6 | 497.0 | 520.8 | 547.2 | 585.9 | 631.8 | 711.0 | 765.6 | 835.7 | 914.0 |
| 37.5° | 430.3 | 440.0 | 457.1 | 475.8 | 503.7 | 532.5 | 572.4 | 643.5 | 702.5 | 771.3 | 851.5 |
| 40° | 403.3 | 415.5 | 428.3 | 449.2 | 472.0 | 499.8 | 539.0 | 591.7 | 659.5 | 726.9 | 805.2 |
| 42.5° | 377.1 | 392.6 | 406.1 | 420.1 | 445.1 | 472.9 | 504.7 | 549.5 | 618.8 | 682.5 | 758.6 |
| 45° | 345.4 | 355.5 | 369.6 | 385.0 | 405.6 | 429.3 | 457.4 | 496.6 | 563.0 | 618.1 | 689.6 |
| 47.5° | 308.7 | 323.3 | 332.5 | 347.7 | 367.1 | 389.7 | 416.0 | 449.8 | 503.6 | 555.3 | 621.5 |
| 50° | 283.6 | 298.6 | 311.8 | 325.5 | 342.8 | 364.6 | 386.5 | 419.2 | 462.4 | 516.7 | 578.5 |
| 52.5° | 262.1 | 275.3 | 288.1 | 301.8 | 318.7 | 338.8 | 359.5 | 388.3 | 425.3 | 475.1 | 535.2 |
| 55° | 232.6 | 240.8 | 254.0 | 267.6 | 282.7 | 301.8 | 321.8 | 345.9 | 377.8 | 419.6 | 468.4 |
| 57.5° | 202.3 | 211.9 | 222.3 | 236.0 | 251.3 | 265.9 | 283.9 | 305.8 | 330.9 | 368.8 | 410.5 |
| 60° | 185.3 | 192.5 | 201.2 | 215.3 | 229.4 | 242.6 | 259.9 | 278.1 | 301.8 | 334.6 | 370.1 |
| 62.5° | 166.3 | 173.3 | 181.2 | 193.4 | 207.2 | 219.3 | 234.4 | 253.7 | 273.8 | 303.6 | 334.7 |
| 65° | 134.7 | 144.7 | 152.5 | 163.5 | 174.8 | 187.5 | 199.4 | 214.8 | 232.6 | 256.3 | 284.0 |
| 67.5° | 111.7 | 116.8 | 123.9 | 133.9 | 145.5 | 156.5 | 167.7 | 179.8 | 195.2 | 213.5 | 235.5 |
| 70° | 101.5 | 103.3 | 104.7 | 114.2 | 125.2 | 136.1 | 146.6 | 157.9 | 171.1 | 186.2 | 205.3 |
| 72.5° | 89.5 | 91.3 | 93.0 | 97.1 | 105.8 | 116.8 | 127.6 | 136.1 | 148.6 | 161.0 | 176.6 |
| 75° | 71.0 | 73.7 | 75.1 | 77.4 | 80.6 | 87.8 | 97.8 | 106.0 | 113.3 | 122.9 | 135.2 |
| 77.5° | 54.0 | 55.6 | 57.1 | 59.5 | 61.4 | 64.8 | 70.4 | 77.8 | 84.6 | 90.2 | 98.7 |
| 80° | 42.8 | 43.2 | 45.0 | 46.0 | 48.7 | 51.0 | 53.7 | 59.7 | 66.4 | 68.8 | 74.6 |
| 82.5° | 32.2 | 32.7 | 34.2 | 35.0 | 36.3 | 38.3 | 41.7 | 43.2 | 48.6 | 51.6 | 55.4 |
| 85° | 17.7 | 17.3 | 18.6 | 18.6 | 19.5 | 20.5 | 21.4 | 23.6 | 25.1 | 28.7 | 29.6 |
| 87.5° | 7.0 | 7.0 | 7.2 | 7.0 | 7.0 | 7.6 | 7.8 | 7.9 | 8.5 | 9.4 | 10.6 |
| 90° | 8.0 | 7.6 | 7.0 | 6.2 | 5.6 | 4.9 | 4.1 | 3.2 | 2.2 | 1.3 | 0.4 |
| 92.5° | 9.1 | 8.8 | 8.5 | 8.2 | 7.8 | 7.5 | 7.4 | 7.4 | 7.5 | 7.6 | 7.7 |
| 95° | 15.2 | 14.9 | 14.3 | 13.6 | 13.1 | 12.5 | 13.6 | 16.4 | 19.2 | 21.9 | 24.8 |
| 97.5° | 20.2 | 19.9 | 18.5 | 17.1 | 15.8 | 14.4 | 17.7 | 25.5 | 33.4 | 41.3 | 49.1 |
| 100° | 22.4 | 21.8 | 20.2 | 18.8 | 17.4 | 16.0 | 21.0 | 32.6 | 44.2 | 55.8 | 67.5 |
| 102.5° | 23.2 | 22.3 | 34.4 | 46.5 | 58.5 | 70.5 | 77.8 | 80.3 | 82.7 | 85.2 | 87.6 |
| 105° | 24.2 | 23.3 | 46.4 | 69.5 | 92.6 | 115.7 | 126.0 | 123.5 | 120.9 | 118.4 | 115.8 |
| 107.5° | 31.6 | 32.5 | 60.3 | 88.0 | 115.7 | 143.5 | 156.3 | 154.3 | 152.2 | 150.2 | 148.1 |
| 110° | 58.2 | 66.7 | 91.1 | 115.7 | 140.1 | 164.6 | 175.9 | 174.2 | 172.4 | 170.6 | 168.8 |



TEST NUMBER: P331805-940

CATALOG NUMBER: S122RDIW-S675D435U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 137.3 | 168.3 | 174.2 | 180.3 | 186.4 | 192.4 | 194.7 | 193.1 | 191.5 | 189.9 | 188.3 |
| 115° | 195.9 | 235.1 | 233.0 | 231.0 | 228.8 | 226.7 | 224.9 | 223.5 | 222.0 | 220.6 | 219.2 |
| 117.5° | 251.0 | 260.5 | 259.0 | 257.5 | 256.1 | 254.7 | 253.1 | 251.5 | 249.9 | 248.3 | 246.6 |
| 120° | 280.4 | 279.4 | 277.9 | 276.3 | 274.8 | 273.3 | 271.9 | 270.6 | 269.3 | 268.0 | 266.8 |
| 122.5° | 298.0 | 297.4 | 295.7 | 294.0 | 292.4 | 290.7 | 289.2 | 287.8 | 286.5 | 285.2 | 283.8 |
| 125° | 322.6 | 322.1 | 320.5 | 318.9 | 317.3 | 315.6 | 314.2 | 313.2 | 312.1 | 310.9 | 309.9 |
| 127.5° | 345.2 | 344.3 | 343.1 | 341.9 | 340.7 | 339.5 | 338.3 | 337.1 | 335.8 | 334.7 | 333.4 |
| 130° | 359.5 | 358.6 | 357.8 | 356.8 | 355.9 | 354.9 | 353.7 | 352.4 | 351.1 | 349.7 | 348.4 |
| 132.5° | 373.8 | 373.0 | 372.0 | 371.1 | 370.1 | 369.3 | 368.2 | 367.0 | 365.9 | 364.7 | 363.6 |
| 135° | 393.8 | 393.0 | 392.2 | 391.5 | 390.7 | 389.9 | 388.9 | 387.4 | 386.1 | 384.8 | 383.4 |
| 137.5° | 412.4 | 411.6 | 410.7 | 409.9 | 409.0 | 408.1 | 407.2 | 406.4 | 405.4 | 404.4 | 403.5 |
| 140° | 424.5 | 423.8 | 422.8 | 422.0 | 421.1 | 420.1 | 419.3 | 418.6 | 417.9 | 417.2 | 416.6 |
| 142.5° | 435.8 | 435.1 | 434.0 | 432.9 | 431.9 | 430.9 | 430.0 | 429.4 | 428.7 | 428.2 | 427.6 |
| 145° | 451.5 | 450.8 | 449.4 | 448.0 | 446.6 | 445.1 | 444.4 | 444.5 | 444.6 | 444.7 | 444.8 |
| 147.5° | 465.2 | 464.8 | 463.3 | 461.9 | 460.5 | 459.1 | 458.5 | 458.9 | 459.1 | 459.5 | 459.8 |
| 150° | 473.5 | 473.0 | 471.6 | 470.3 | 469.0 | 467.5 | 467.2 | 467.8 | 468.3 | 469.0 | 469.6 |
| 152.5° | 481.1 | 480.6 | 479.3 | 478.0 | 476.7 | 475.5 | 475.1 | 475.8 | 476.4 | 477.2 | 477.8 |
| 155° | 491.4 | 490.9 | 489.9 | 488.8 | 487.9 | 486.9 | 486.7 | 487.5 | 488.2 | 489.0 | 489.7 |
| 157.5° | 500.0 | 499.4 | 498.7 | 498.0 | 497.3 | 496.6 | 496.6 | 497.2 | 497.8 | 498.5 | 499.1 |
| 160° | 505.2 | 504.6 | 504.1 | 503.6 | 503.1 | 502.6 | 502.6 | 503.1 | 503.6 | 504.1 | 504.6 |
| 162.5° | 509.8 | 509.2 | 508.7 | 508.3 | 507.8 | 507.5 | 507.5 | 508.0 | 508.5 | 509.0 | 509.5 |
| 165° | 515.5 | 514.9 | 514.7 | 514.4 | 514.2 | 513.9 | 514.0 | 514.5 | 515.1 | 515.6 | 516.0 |
| 167.5° | 520.3 | 519.7 | 519.5 | 519.2 | 519.0 | 518.8 | 518.9 | 519.4 | 520.0 | 520.4 | 520.9 |
| 170° | 522.7 | 522.2 | 522.0 | 521.8 | 521.7 | 521.5 | 521.7 | 522.2 | 522.6 | 523.2 | 523.7 |
| 172.5° | 524.6 | 524.0 | 523.8 | 523.6 | 523.4 | 523.3 | 523.4 | 524.0 | 524.5 | 525.0 | 525.5 |
| 175° | 526.6 | 525.9 | 525.8 | 525.7 | 525.5 | 525.3 | 525.5 | 526.1 | 526.6 | 527.3 | 527.9 |
| 177.5° | 526.9 | 526.4 | 526.4 | 526.3 | 526.2 | 526.1 | 526.4 | 526.8 | 527.3 | 527.8 | 528.2 |
| 180° | 526.7 | 526.7 | 526.7 | 526.7 | 526.7 | 526.7 | 526.7 | 526.7 | 526.7 | 526.7 | 526.7 |



TEST NUMBER: P331805-940

CATALOG NUMBER: S122RDIW-S675D435U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1310.0 | 1310.0 | 1310.0 | 1310.0 | 1310.0 | 1310.0 | 1310.0 | 1310.0 | 1310.0 | 1310.0 | 1310.0 |
| 2.5° | 1317.7 | 1318.8 | 1326.1 | 1329.3 | 1335.9 | 1338.4 | 1341.3 | 1340.6 | 1340.6 | 1342.0 | 1352.3 |
| 5° | 1320.4 | 1329.5 | 1343.2 | 1356.4 | 1369.1 | 1380.1 | 1387.4 | 1394.6 | 1397.4 | 1410.6 | 1422.5 |
| 7.5° | 1315.7 | 1332.5 | 1355.0 | 1375.2 | 1399.3 | 1418.2 | 1433.8 | 1448.0 | 1457.6 | 1476.8 | 1496.5 |
| 10° | 1309.6 | 1333.2 | 1358.7 | 1384.6 | 1417.9 | 1442.9 | 1468.4 | 1488.0 | 1494.3 | 1523.0 | 1539.4 |
| 12.5° | 1297.2 | 1328.8 | 1361.3 | 1394.8 | 1427.4 | 1461.9 | 1489.9 | 1509.5 | 1531.9 | 1557.6 | 1587.9 |
| 15° | 1278.6 | 1315.0 | 1357.4 | 1400.6 | 1447.0 | 1488.9 | 1518.9 | 1553.1 | 1577.6 | 1605.9 | 1632.3 |
| 17.5° | 1251.9 | 1298.8 | 1352.6 | 1402.7 | 1456.3 | 1501.4 | 1542.7 | 1575.5 | 1592.8 | 1608.8 | 1612.7 |
| 20° | 1230.8 | 1281.3 | 1344.6 | 1403.7 | 1457.5 | 1509.4 | 1550.3 | 1577.6 | 1582.2 | 1582.6 | 1558.5 |
| 22.5° | 1207.8 | 1264.9 | 1331.1 | 1391.8 | 1456.0 | 1513.8 | 1545.6 | 1557.3 | 1539.2 | 1508.3 | 1461.7 |
| 25° | 1165.7 | 1231.7 | 1308.7 | 1377.8 | 1448.0 | 1502.5 | 1513.5 | 1493.0 | 1429.7 | 1363.2 | 1279.1 |
| 27.5° | 1120.0 | 1194.2 | 1276.7 | 1353.6 | 1428.3 | 1462.1 | 1438.5 | 1364.7 | 1250.7 | 1151.6 | 1031.6 |
| 30° | 1086.5 | 1169.8 | 1250.8 | 1336.9 | 1406.0 | 1420.6 | 1366.5 | 1257.7 | 1124.7 | 975.4 | 855.8 |
| 32.5° | 1048.3 | 1135.6 | 1224.6 | 1313.6 | 1371.5 | 1357.3 | 1267.7 | 1133.8 | 978.0 | 831.3 | 718.1 |
| 35° | 993.6 | 1083.8 | 1179.8 | 1269.0 | 1305.9 | 1244.5 | 1110.6 | 936.3 | 776.9 | 640.0 | 562.1 |
| 37.5° | 930.6 | 1028.7 | 1128.5 | 1210.5 | 1207.8 | 1105.5 | 923.2 | 743.2 | 609.3 | 528.2 | 472.9 |
| 40° | 885.7 | 985.0 | 1092.9 | 1162.1 | 1132.5 | 999.1 | 801.6 | 631.8 | 534.0 | 469.3 | 428.7 |
| 42.5° | 842.8 | 942.4 | 1049.5 | 1104.6 | 1053.1 | 889.1 | 692.3 | 559.3 | 478.6 | 428.1 | 395.3 |
| 45° | 769.7 | 874.9 | 974.1 | 1004.6 | 912.7 | 731.9 | 559.9 | 463.3 | 409.7 | 372.4 | 349.6 |
| 47.5° | 698.2 | 801.6 | 892.2 | 892.8 | 768.4 | 593.5 | 472.3 | 401.0 | 355.2 | 326.3 | 309.7 |
| 50° | 654.5 | 752.9 | 828.8 | 817.1 | 675.9 | 528.0 | 422.4 | 361.0 | 322.7 | 300.4 | 283.1 |
| 52.5° | 605.4 | 700.8 | 766.6 | 732.9 | 597.6 | 464.7 | 377.6 | 326.0 | 294.4 | 274.9 | 259.5 |
| 55° | 534.0 | 618.6 | 665.0 | 614.0 | 487.5 | 386.5 | 319.1 | 278.6 | 254.9 | 238.5 | 225.3 |
| 57.5° | 463.7 | 533.6 | 562.8 | 503.5 | 401.5 | 320.5 | 269.9 | 239.5 | 216.1 | 204.3 | 197.4 |
| 60° | 419.6 | 479.3 | 499.8 | 434.3 | 349.1 | 280.4 | 239.0 | 210.7 | 193.4 | 185.7 | 178.9 |
| 62.5° | 376.3 | 425.1 | 433.5 | 373.4 | 304.3 | 245.4 | 209.8 | 186.0 | 174.5 | 167.1 | 160.7 |
| 65° | 312.3 | 347.3 | 343.2 | 295.0 | 240.8 | 194.8 | 168.9 | 154.3 | 145.6 | 135.2 | 123.8 |
| 67.5° | 257.1 | 278.5 | 265.6 | 229.4 | 183.8 | 151.4 | 134.5 | 123.4 | 112.7 | 102.8 | 100.1 |
| 70° | 222.1 | 234.4 | 220.8 | 187.5 | 150.7 | 127.0 | 113.3 | 100.1 | 93.8 | 91.5 | 87.4 |
| 72.5° | 188.6 | 192.9 | 178.2 | 149.6 | 122.6 | 105.1 | 91.8 | 84.4 | 81.1 | 79.1 | 76.5 |
| 75° | 141.6 | 138.4 | 125.6 | 103.3 | 85.2 | 73.3 | 69.2 | 66.4 | 64.2 | 62.3 | 61.0 |
| 77.5° | 99.4 | 94.8 | 83.4 | 68.8 | 59.3 | 53.6 | 51.2 | 49.7 | 48.6 | 47.7 | 46.4 |
| 80° | 74.6 | 71.4 | 60.1 | 49.1 | 45.0 | 42.4 | 40.9 | 39.1 | 39.1 | 38.3 | 36.8 |
| 82.5° | 54.7 | 51.1 | 41.1 | 36.0 | 33.8 | 32.1 | 31.1 | 30.1 | 29.7 | 29.9 | 28.9 |
| 85° | 28.7 | 23.2 | 20.5 | 19.5 | 18.2 | 17.3 | 17.7 | 16.9 | 16.9 | 16.9 | 16.4 |
| 87.5° | 9.0 | 7.4 | 7.2 | 7.0 | 7.6 | 7.7 | 7.4 | 7.6 | 8.1 | 7.8 | 8.3 |
| 90° | 1.3 | 2.2 | 3.2 | 4.1 | 4.9 | 5.6 | 6.2 | 7.0 | 7.6 | 8.0 | 8.5 |
| 92.5° | 7.6 | 7.5 | 7.4 | 7.4 | 7.5 | 7.8 | 8.2 | 8.5 | 8.8 | 9.1 | 9.3 |
| 95° | 21.9 | 19.2 | 16.4 | 13.6 | 12.5 | 13.1 | 13.6 | 14.3 | 14.9 | 15.2 | 15.7 |
| 97.5° | 41.3 | 33.4 | 25.5 | 17.7 | 14.4 | 15.8 | 17.1 | 18.5 | 19.9 | 20.2 | 20.6 |
| 100° | 55.8 | 44.2 | 32.6 | 21.0 | 16.0 | 17.4 | 18.8 | 20.2 | 21.8 | 22.4 | 23.1 |
| 102.5° | 85.2 | 82.7 | 80.3 | 77.8 | 70.5 | 58.5 | 46.5 | 34.4 | 22.3 | 23.2 | 24.1 |
| 105° | 118.4 | 120.9 | 123.5 | 126.0 | 115.7 | 92.6 | 69.5 | 46.4 | 23.3 | 24.2 | 25.1 |
| 107.5° | 150.2 | 152.2 | 154.3 | 156.3 | 143.5 | 115.7 | 88.0 | 60.3 | 32.5 | 31.6 | 30.7 |
| 110° | 170.6 | 172.4 | 174.2 | 175.9 | 164.6 | 140.1 | 115.7 | 91.1 | 66.7 | 58.2 | 49.8 |



TEST NUMBER: P331805-940

CATALOG NUMBER: S122RDIW-S675D435U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 189.9 | 191.5 | 193.1 | 194.7 | 192.4 | 186.4 | 180.3 | 174.2 | 168.3 | 137.3 | 106.5 |
| 115° | 220.6 | 222.0 | 223.5 | 224.9 | 226.7 | 228.8 | 231.0 | 233.0 | 235.1 | 195.9 | 156.8 |
| 117.5° | 248.3 | 249.9 | 251.5 | 253.1 | 254.7 | 256.1 | 257.5 | 259.0 | 260.5 | 251.0 | 241.5 |
| 120° | 268.0 | 269.3 | 270.6 | 271.9 | 273.3 | 274.8 | 276.3 | 277.9 | 279.4 | 280.4 | 281.4 |
| 122.5° | 285.2 | 286.5 | 287.8 | 289.2 | 290.7 | 292.4 | 294.0 | 295.7 | 297.4 | 298.0 | 298.5 |
| 125° | 310.9 | 312.1 | 313.2 | 314.2 | 315.6 | 317.3 | 318.9 | 320.5 | 322.1 | 322.6 | 323.2 |
| 127.5° | 334.7 | 335.8 | 337.1 | 338.3 | 339.5 | 340.7 | 341.9 | 343.1 | 344.3 | 345.2 | 346.1 |
| 130° | 349.7 | 351.1 | 352.4 | 353.7 | 354.9 | 355.9 | 356.8 | 357.8 | 358.6 | 359.5 | 360.5 |
| 132.5° | 364.7 | 365.9 | 367.0 | 368.2 | 369.3 | 370.1 | 371.1 | 372.0 | 373.0 | 373.8 | 374.6 |
| 135° | 384.8 | 386.1 | 387.4 | 388.9 | 389.9 | 390.7 | 391.5 | 392.2 | 393.0 | 393.8 | 394.7 |
| 137.5° | 404.4 | 405.4 | 406.4 | 407.2 | 408.1 | 409.0 | 409.9 | 410.7 | 411.6 | 412.4 | 413.3 |
| 140° | 417.2 | 417.9 | 418.6 | 419.3 | 420.1 | 421.1 | 422.0 | 422.8 | 423.8 | 424.5 | 425.3 |
| 142.5° | 428.2 | 428.7 | 429.4 | 430.0 | 430.9 | 431.9 | 432.9 | 434.0 | 435.1 | 435.8 | 436.5 |
| 145° | 444.7 | 444.6 | 444.5 | 444.4 | 445.1 | 446.6 | 448.0 | 449.4 | 450.8 | 451.5 | 452.1 |
| 147.5° | 459.5 | 459.1 | 458.9 | 458.5 | 459.1 | 460.5 | 461.9 | 463.3 | 464.8 | 465.2 | 465.7 |
| 150° | 469.0 | 468.3 | 467.8 | 467.2 | 467.5 | 469.0 | 470.3 | 471.6 | 473.0 | 473.5 | 474.0 |
| 152.5° | 477.2 | 476.4 | 475.8 | 475.1 | 475.5 | 476.7 | 478.0 | 479.3 | 480.6 | 481.1 | 481.6 |
| 155° | 489.0 | 488.2 | 487.5 | 486.7 | 486.9 | 487.9 | 488.8 | 489.9 | 490.9 | 491.4 | 492.0 |
| 157.5° | 498.5 | 497.8 | 497.2 | 496.6 | 496.6 | 497.3 | 498.0 | 498.7 | 499.4 | 500.0 | 500.6 |
| 160° | 504.1 | 503.6 | 503.1 | 502.6 | 502.6 | 503.1 | 503.6 | 504.1 | 504.6 | 505.2 | 505.6 |
| 162.5° | 509.0 | 508.5 | 508.0 | 507.5 | 507.5 | 507.8 | 508.3 | 508.7 | 509.2 | 509.8 | 510.3 |
| 165° | 515.6 | 515.1 | 514.5 | 514.0 | 513.9 | 514.2 | 514.4 | 514.7 | 514.9 | 515.5 | 516.1 |
| 167.5° | 520.4 | 520.0 | 519.4 | 518.9 | 518.8 | 519.0 | 519.2 | 519.5 | 519.7 | 520.3 | 520.9 |
| 170° | 523.2 | 522.6 | 522.2 | 521.7 | 521.5 | 521.7 | 521.8 | 522.0 | 522.2 | 522.7 | 523.3 |
| 172.5° | 525.0 | 524.5 | 524.0 | 523.4 | 523.3 | 523.4 | 523.6 | 523.8 | 524.0 | 524.6 | 525.1 |
| 175° | 527.3 | 526.6 | 526.1 | 525.5 | 525.3 | 525.5 | 525.7 | 525.8 | 525.9 | 526.6 | 527.2 |
| 177.5° | 527.8 | 527.3 | 526.8 | 526.4 | 526.1 | 526.2 | 526.3 | 526.4 | 526.4 | 526.9 | 527.4 |
| 180° | 526.7 | 526.7 | 526.7 | 526.7 | 526.7 | 526.7 | 526.7 | 526.7 | 526.7 | 526.7 | 526.7 |



TEST NUMBER: P331805-940

CATALOG NUMBER: S122RDIW-S675D435U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1310.0 | 1310.0 | 1310.0 | 1310.0 | 1310.0 | 1310.0 | 1310.0 |
| 2.5° | 1355.8 | 1360.6 | 1362.8 | 1362.8 | 1365.4 | 1364.2 | 1363.2 |
| 5° | 1433.8 | 1442.4 | 1444.3 | 1452.5 | 1458.4 | 1456.5 | 1457.5 |
| 7.5° | 1511.3 | 1525.2 | 1538.9 | 1545.2 | 1546.2 | 1549.9 | 1551.2 |
| 10° | 1559.0 | 1570.4 | 1591.8 | 1588.6 | 1604.5 | 1613.6 | 1598.6 |
| 12.5° | 1604.9 | 1620.2 | 1635.0 | 1639.1 | 1648.2 | 1651.1 | 1645.2 |
| 15° | 1646.4 | 1654.6 | 1655.5 | 1653.2 | 1655.9 | 1653.7 | 1645.0 |
| 17.5° | 1607.6 | 1594.3 | 1567.4 | 1554.6 | 1544.5 | 1529.6 | 1523.6 |
| 20° | 1543.5 | 1504.3 | 1458.8 | 1440.6 | 1419.2 | 1377.3 | 1387.4 |
| 22.5° | 1405.2 | 1360.5 | 1315.0 | 1261.9 | 1236.4 | 1196.8 | 1194.4 |
| 25° | 1189.8 | 1112.9 | 1028.2 | 969.1 | 934.5 | 894.9 | 877.6 |
| 27.5° | 925.1 | 828.2 | 758.8 | 723.7 | 691.8 | 660.4 | 659.1 |
| 30° | 751.0 | 678.2 | 624.5 | 594.5 | 574.9 | 561.7 | 564.5 |
| 32.5° | 633.0 | 583.2 | 547.0 | 522.0 | 507.6 | 497.6 | 497.4 |
| 35° | 517.5 | 483.4 | 460.2 | 449.7 | 439.3 | 431.9 | 432.4 |
| 37.5° | 442.9 | 422.4 | 409.5 | 397.9 | 391.4 | 387.8 | 385.8 |
| 40° | 404.7 | 387.8 | 377.8 | 371.0 | 365.5 | 360.5 | 359.6 |
| 42.5° | 374.4 | 360.5 | 350.4 | 345.1 | 340.0 | 336.4 | 335.6 |
| 45° | 332.3 | 320.9 | 311.8 | 305.9 | 303.6 | 300.4 | 300.4 |
| 47.5° | 295.6 | 284.4 | 277.3 | 273.6 | 269.7 | 267.5 | 267.4 |
| 50° | 270.8 | 262.2 | 255.8 | 253.5 | 250.3 | 249.0 | 248.5 |
| 52.5° | 248.6 | 242.2 | 237.6 | 236.0 | 234.7 | 232.9 | 233.3 |
| 55° | 218.5 | 214.8 | 213.0 | 211.7 | 209.4 | 206.6 | 208.5 |
| 57.5° | 193.1 | 190.0 | 185.1 | 180.8 | 178.7 | 176.8 | 177.5 |
| 60° | 175.2 | 168.9 | 162.5 | 157.5 | 156.1 | 152.0 | 152.0 |
| 62.5° | 152.7 | 143.7 | 135.9 | 133.1 | 131.7 | 129.8 | 129.5 |
| 65° | 117.4 | 113.8 | 112.0 | 110.1 | 109.2 | 109.2 | 108.3 |
| 67.5° | 97.3 | 95.9 | 93.9 | 93.4 | 92.5 | 92.2 | 91.9 |
| 70° | 86.1 | 84.2 | 83.3 | 82.8 | 81.9 | 82.4 | 81.1 |
| 72.5° | 75.1 | 73.7 | 73.5 | 72.3 | 71.7 | 71.8 | 70.8 |
| 75° | 59.2 | 59.2 | 58.7 | 58.2 | 57.3 | 56.9 | 57.3 |
| 77.5° | 45.5 | 45.6 | 44.8 | 44.7 | 44.6 | 44.7 | 44.2 |
| 80° | 36.4 | 36.8 | 36.4 | 35.9 | 35.5 | 35.9 | 35.5 |
| 82.5° | 28.8 | 28.1 | 28.0 | 27.9 | 27.8 | 27.6 | 27.5 |
| 85° | 16.4 | 16.9 | 16.4 | 16.0 | 16.0 | 16.0 | 16.4 |
| 87.5° | 7.9 | 8.0 | 8.1 | 8.1 | 8.2 | 8.2 | 7.8 |
| 90° | 8.9 | 9.3 | 9.6 | 9.8 | 10.0 | 10.2 | 10.3 |
| 92.5° | 9.5 | 9.7 | 9.9 | 10.0 | 10.1 | 10.2 | 10.3 |
| 95° | 16.1 | 16.6 | 16.8 | 16.7 | 16.6 | 16.5 | 16.4 |
| 97.5° | 21.0 | 21.2 | 21.5 | 21.6 | 21.7 | 21.8 | 21.8 |
| 100° | 23.7 | 24.4 | 24.9 | 25.1 | 25.2 | 25.3 | 25.5 |
| 102.5° | 25.0 | 25.9 | 26.4 | 26.7 | 26.9 | 27.1 | 27.4 |
| 105° | 26.0 | 27.0 | 27.6 | 27.9 | 28.3 | 28.6 | 29.0 |
| 107.5° | 29.7 | 28.7 | 28.4 | 28.8 | 29.2 | 29.4 | 29.8 |
| 110° | 41.3 | 32.8 | 28.7 | 29.1 | 29.4 | 29.8 | 30.1 |



TEST NUMBER: P331805-940

CATALOG NUMBER: S122RDIW-S675D435U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 75.5 | 44.7 | 29.3 | 29.6 | 29.9 | 30.1 | 30.4 |
| 115° | 117.5 | 78.3 | 55.6 | 49.6 | 43.4 | 37.4 | 31.2 |
| 117.5° | 232.0 | 222.5 | 207.8 | 187.7 | 167.6 | 147.7 | 127.6 |
| 120° | 282.4 | 283.5 | 278.2 | 266.8 | 255.4 | 243.9 | 232.5 |
| 122.5° | 299.2 | 299.8 | 299.0 | 296.8 | 294.5 | 292.3 | 290.1 |
| 125° | 323.9 | 324.4 | 324.9 | 325.1 | 325.4 | 325.7 | 325.8 |
| 127.5° | 346.9 | 347.8 | 348.2 | 348.3 | 348.3 | 348.4 | 348.4 |
| 130° | 361.4 | 362.4 | 362.8 | 362.7 | 362.7 | 362.6 | 362.5 |
| 132.5° | 375.3 | 376.1 | 376.5 | 376.4 | 376.3 | 376.3 | 376.2 |
| 135° | 395.5 | 396.4 | 396.6 | 396.5 | 396.4 | 396.2 | 396.0 |
| 137.5° | 414.1 | 414.9 | 415.2 | 414.9 | 414.6 | 414.4 | 414.0 |
| 140° | 426.1 | 426.9 | 427.0 | 426.6 | 426.1 | 425.8 | 425.3 |
| 142.5° | 437.2 | 437.9 | 438.0 | 437.6 | 437.2 | 436.8 | 436.3 |
| 145° | 452.6 | 453.3 | 453.3 | 452.9 | 452.5 | 452.1 | 451.7 |
| 147.5° | 466.1 | 466.5 | 466.5 | 466.2 | 465.8 | 465.5 | 465.1 |
| 150° | 474.5 | 475.0 | 475.1 | 474.7 | 474.2 | 473.8 | 473.4 |
| 152.5° | 482.1 | 482.7 | 482.6 | 482.1 | 481.5 | 480.9 | 480.4 |
| 155° | 492.4 | 492.9 | 492.8 | 492.1 | 491.5 | 490.8 | 490.2 |
| 157.5° | 501.1 | 501.8 | 501.7 | 501.1 | 500.3 | 499.7 | 499.1 |
| 160° | 506.1 | 506.7 | 506.6 | 506.0 | 505.4 | 504.8 | 504.3 |
| 162.5° | 511.0 | 511.5 | 511.4 | 510.7 | 510.0 | 509.3 | 508.5 |
| 165° | 516.7 | 517.3 | 517.3 | 516.7 | 516.1 | 515.5 | 514.9 |
| 167.5° | 521.5 | 522.1 | 522.0 | 521.2 | 520.5 | 519.7 | 519.0 |
| 170° | 524.0 | 524.5 | 524.4 | 523.7 | 522.9 | 522.2 | 521.4 |
| 172.5° | 525.8 | 526.4 | 526.3 | 525.5 | 524.8 | 524.0 | 523.3 |
| 175° | 527.7 | 528.3 | 528.2 | 527.4 | 526.6 | 525.7 | 524.9 |
| 177.5° | 527.8 | 528.3 | 528.2 | 527.6 | 527.0 | 526.4 | 525.8 |
| 180° | 526.7 | 526.7 | 526.7 | 526.7 | 526.7 | 526.7 | 526.7 |

(END OF REPORT)