

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: P331825-830

Luminaire Tested: **S122RDIW-S865D435U830-4F0-1E-UDD-A**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P331825-830
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: S122RDIW-S865D435U830-4F0-1E-UDD-A
Description: DEFINE 2 DIRECT-INDIRECT WALL MOUNT LED LUMINAIRE
DOWNLIGHT 865 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: 4743.5 lumens
Efficiency: N/A
Efficacy: 102.7 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

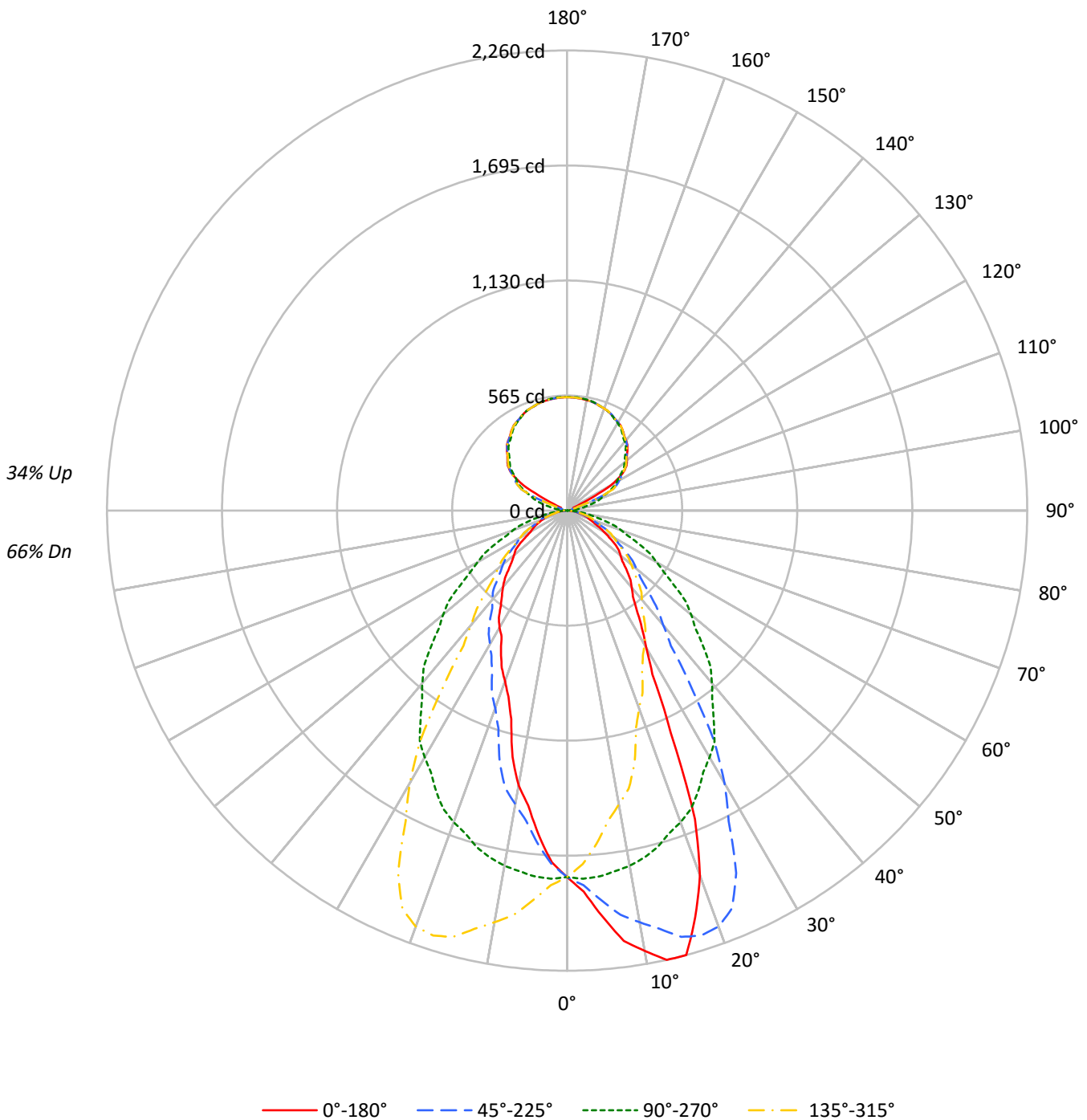
Input Watts (W): 46.2
Input Voltage (V): 120
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P331825-830

CATALOG NUMBER: S122RDIW-S865D435U830-4F0-1E-UDD-A

Luminous Intensity Polar Plot





TEST NUMBER: P331825-830

CATALOG NUMBER: S122RDIW-S865D435U830-4F0-1E-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 | 70 | 70 | 70 | 66 |
| 1 | 102 | 98 | 95 | 91 | 96 | 93 | 90 | 87 | 82 | 80 | 78 | 73 | 71 | 69 | 64 | 63 | 61 | 57 |
| 2 | 94 | 87 | 81 | 76 | 88 | 82 | 77 | 73 | 73 | 69 | 66 | 65 | 62 | 60 | 58 | 55 | 53 | 50 |
| 3 | 87 | 78 | 71 | 65 | 81 | 73 | 67 | 62 | 66 | 61 | 57 | 59 | 55 | 52 | 52 | 49 | 47 | 43 |
| 4 | 80 | 70 | 62 | 56 | 75 | 66 | 59 | 54 | 59 | 54 | 50 | 53 | 49 | 45 | 47 | 44 | 41 | 38 |
| 5 | 74 | 63 | 55 | 49 | 69 | 60 | 53 | 47 | 54 | 48 | 44 | 48 | 44 | 40 | 43 | 40 | 37 | 34 |
| 6 | 69 | 57 | 49 | 43 | 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 | 32 | 37 | 33 | 30 | 28 |
| 8 | 60 | 48 | 40 | 35 | 56 | 45 | 39 | 34 | 41 | 36 | 32 | 38 | 33 | 29 | 34 | 30 | 27 | 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° | 29061 | 29061 | 29061 | 29061 |
| 5° | 32456 | 29242 | 25929 | 29242 |
| 10° | 36008 | 29037 | 22474 | 29037 |
| 15° | 37778 | 28612 | 17708 | 28612 |
| 20° | 32752 | 27981 | 15323 | 27981 |
| 25° | 21480 | 27118 | 13682 | 27118 |
| 30° | 14458 | 26071 | 12381 | 26071 |
| 35° | 11710 | 24750 | 11168 | 24750 |
| 40° | 10414 | 23317 | 10334 | 23317 |
| 45° | 9423 | 21633 | 9225 | 21633 |
| 50° | 8578 | 19964 | 8545 | 19964 |
| 55° | 8062 | 18117 | 7958 | 18117 |
| 60° | 6746 | 16417 | 6665 | 16417 |
| 65° | 5685 | 14907 | 6449 | 14907 |
| 70° | 5254 | 13312 | 6080 | 13312 |
| 75° | 4916 | 11591 | 5614 | 11591 |
| 80° | 4537 | 9530 | 5002 | 9530 |
| 85° | 4168 | 7521 | 4409 | 7521 |



TEST NUMBER: P331825-830

CATALOG NUMBER: S122RDIW-S865D435U830-4F0-1E-UDD-A

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 170.6 | 3.6 |
| 10°-20° | 475.4 | 10.0 |
| 20°-30° | 612.6 | 12.9 |
| 30°-40° | 582.2 | 12.3 |
| 40°-50° | 498.7 | 10.5 |
| 50°-60° | 379.8 | 8.0 |
| 60°-70° | 240.1 | 5.1 |
| 70°-80° | 119.9 | 2.5 |
| 80°-90° | 32.6 | 0.7 |
| 90°-100° | 18.6 | 0.4 |
| 100°-110° | 68.1 | 1.4 |
| 110°-120° | 182.0 | 3.8 |
| 120°-130° | 300.5 | 6.3 |
| 130°-140° | 319.6 | 6.7 |
| 140°-150° | 297.0 | 6.3 |
| 150°-160° | 238.8 | 5.0 |
| 160°-170° | 153.9 | 3.2 |
| 170°-180° | 53.0 | 1.1 |
| 0°-30° | 1258.6 | 26.5 |
| 0°-40° | 1840.8 | 38.8 |
| 0°-60° | 2719.4 | 57.3 |
| 0°-90° | 3111.9 | 65.6 |
| 90°-120° | 268.7 | 5.7 |
| 90°-150° | 1185.9 | 25.0 |
| 90°-180° | 1632.0 | 34.4 |
| 0°-180° | 4743.5 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 1800 | 1800 | 1800 | 1800 | 1800 | |
| 5° | 2002 | 1804 | 1600 | 1804 | 2002 | 198 |
| 15° | 2260 | 1712 | 1059 | 1712 | 2260 | 610 |
| 25° | 1206 | 1522 | 768 | 1522 | 1206 | 572 |
| 35° | 594 | 1256 | 567 | 1256 | 594 | 380 |
| 45° | 413 | 947 | 404 | 947 | 413 | 319 |
| 55° | 286 | 644 | 283 | 644 | 286 | 251 |
| 65° | 149 | 390 | 169 | 390 | 149 | 152 |
| 75° | 79 | 186 | 90 | 186 | 79 | 84 |
| 85° | 22 | 41 | 24 | 41 | 22 | 24 |
| 90° | 11 | 0 | 11 | 0 | 11 | 6 |
| 95° | 17 | 26 | 17 | 26 | 17 | 16 |
| 105° | 31 | 122 | 31 | 122 | 31 | 32 |
| 115° | 33 | 232 | 33 | 232 | 33 | 83 |
| 125° | 344 | 328 | 344 | 328 | 344 | 298 |
| 135° | 419 | 405 | 419 | 405 | 419 | 323 |
| 145° | 477 | 470 | 477 | 470 | 477 | 299 |
| 155° | 518 | 518 | 518 | 518 | 518 | 239 |
| 165° | 544 | 545 | 544 | 545 | 544 | 154 |
| 175° | 555 | 558 | 555 | 558 | 555 | 53 |
| 180° | 557 | 557 | 557 | 557 | 557 | |



TEST NUMBER: P331825-830

CATALOG NUMBER: S122RDIW-S865D435U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1799.9 | 1799.9 | 1799.9 | 1799.9 | 1799.9 | 1799.9 | 1799.9 | 1799.9 | 1799.9 | 1799.9 | 1799.9 |
| 2.5° | 1872.9 | 1874.4 | 1875.9 | 1872.4 | 1872.4 | 1869.4 | 1862.9 | 1857.9 | 1843.9 | 1841.9 | 1841.9 |
| 5° | 2002.5 | 2001.2 | 2003.8 | 1995.6 | 1984.3 | 1981.9 | 1970.0 | 1954.4 | 1938.1 | 1920.0 | 1916.2 |
| 7.5° | 2131.3 | 2129.4 | 2124.4 | 2123.1 | 2114.4 | 2095.6 | 2076.4 | 2056.1 | 2029.0 | 2002.6 | 1989.3 |
| 10° | 2196.3 | 2217.0 | 2204.5 | 2182.6 | 2187.0 | 2157.6 | 2141.9 | 2115.1 | 2092.5 | 2053.1 | 2044.4 |
| 12.5° | 2260.4 | 2268.5 | 2264.6 | 2252.1 | 2246.6 | 2226.1 | 2205.0 | 2181.6 | 2140.0 | 2104.7 | 2073.9 |
| 15° | 2260.1 | 2272.0 | 2275.1 | 2271.4 | 2274.5 | 2273.3 | 2262.0 | 2242.6 | 2206.4 | 2167.6 | 2133.8 |
| 17.5° | 2093.3 | 2101.6 | 2122.0 | 2135.9 | 2153.4 | 2190.5 | 2208.8 | 2215.8 | 2210.5 | 2188.3 | 2164.5 |
| 20° | 1906.2 | 1892.4 | 1949.9 | 1979.3 | 2004.3 | 2066.9 | 2120.7 | 2141.4 | 2174.4 | 2173.9 | 2167.6 |
| 22.5° | 1641.0 | 1644.3 | 1698.8 | 1733.7 | 1806.8 | 1869.3 | 1930.6 | 2008.3 | 2072.4 | 2114.8 | 2139.6 |
| 25° | 1205.7 | 1229.5 | 1283.9 | 1331.4 | 1412.8 | 1529.1 | 1634.7 | 1757.4 | 1873.0 | 1964.4 | 2051.3 |
| 27.5° | 905.6 | 907.3 | 950.5 | 994.4 | 1042.6 | 1137.9 | 1271.0 | 1417.4 | 1582.3 | 1718.4 | 1875.0 |
| 30° | 775.5 | 771.8 | 789.9 | 816.7 | 858.0 | 931.8 | 1031.9 | 1175.7 | 1340.2 | 1545.3 | 1728.0 |
| 32.5° | 683.4 | 683.6 | 697.3 | 717.2 | 751.5 | 801.3 | 869.8 | 986.7 | 1142.1 | 1343.7 | 1557.8 |
| 35° | 594.1 | 593.5 | 603.5 | 617.8 | 632.3 | 664.1 | 711.1 | 772.3 | 879.3 | 1067.5 | 1286.4 |
| 37.5° | 530.1 | 532.8 | 537.7 | 546.7 | 562.6 | 580.3 | 608.5 | 649.7 | 725.9 | 837.2 | 1021.2 |
| 40° | 494.1 | 495.3 | 502.2 | 509.7 | 519.1 | 532.8 | 556.0 | 589.1 | 644.8 | 733.6 | 868.0 |
| 42.5° | 461.0 | 462.3 | 467.1 | 474.2 | 481.5 | 495.3 | 514.4 | 543.1 | 588.2 | 657.5 | 768.5 |
| 45° | 412.7 | 412.7 | 417.2 | 420.3 | 428.4 | 440.9 | 456.6 | 480.3 | 511.5 | 562.9 | 636.7 |
| 47.5° | 367.5 | 367.6 | 370.5 | 375.9 | 381.0 | 390.8 | 406.1 | 425.6 | 448.3 | 488.0 | 551.0 |
| 50° | 341.5 | 342.0 | 343.9 | 348.4 | 351.5 | 360.2 | 372.1 | 389.0 | 412.7 | 443.4 | 496.0 |
| 52.5° | 320.5 | 320.1 | 322.4 | 324.3 | 326.5 | 332.7 | 341.6 | 356.5 | 377.8 | 404.4 | 447.9 |
| 55° | 286.4 | 283.9 | 287.7 | 290.8 | 292.7 | 295.2 | 300.2 | 309.5 | 327.7 | 350.2 | 382.8 |
| 57.5° | 243.9 | 242.9 | 245.5 | 248.4 | 254.3 | 261.0 | 265.3 | 271.3 | 280.7 | 296.8 | 329.0 |
| 60° | 208.9 | 208.9 | 214.5 | 216.4 | 223.3 | 232.1 | 240.8 | 245.8 | 255.1 | 265.8 | 289.5 |
| 62.5° | 177.9 | 178.3 | 181.0 | 182.9 | 186.7 | 197.5 | 209.7 | 220.7 | 229.6 | 239.8 | 255.5 |
| 65° | 148.8 | 150.1 | 150.1 | 151.4 | 153.8 | 156.4 | 161.4 | 170.1 | 185.8 | 200.1 | 212.0 |
| 67.5° | 126.3 | 126.7 | 127.1 | 128.4 | 128.9 | 131.7 | 133.7 | 137.6 | 141.2 | 154.9 | 169.6 |
| 70° | 111.3 | 113.2 | 112.5 | 113.9 | 114.4 | 115.6 | 118.2 | 120.1 | 125.7 | 128.8 | 137.6 |
| 72.5° | 97.3 | 98.7 | 98.6 | 99.3 | 100.9 | 101.2 | 103.2 | 105.1 | 108.7 | 111.3 | 116.0 |
| 75° | 78.8 | 78.1 | 78.8 | 80.0 | 80.7 | 81.3 | 81.3 | 83.8 | 85.7 | 88.2 | 91.3 |
| 77.5° | 60.8 | 61.5 | 61.3 | 61.5 | 61.5 | 62.7 | 62.6 | 63.6 | 65.5 | 66.8 | 68.3 |
| 80° | 48.8 | 49.4 | 48.8 | 49.4 | 50.0 | 50.6 | 50.0 | 50.6 | 52.5 | 53.8 | 53.8 |
| 82.5° | 37.8 | 37.9 | 38.3 | 38.4 | 38.5 | 38.6 | 39.5 | 39.7 | 41.0 | 40.8 | 41.3 |
| 85° | 22.5 | 21.9 | 21.9 | 21.9 | 22.5 | 23.1 | 22.5 | 22.5 | 23.1 | 23.1 | 23.1 |
| 87.5° | 10.2 | 10.7 | 10.7 | 10.6 | 10.6 | 10.5 | 10.4 | 10.8 | 10.2 | 10.7 | 10.0 |
| 90° | 10.8 | 10.7 | 10.6 | 10.4 | 10.2 | 9.8 | 9.4 | 9.0 | 8.5 | 8.0 | 7.4 |
| 92.5° | 10.8 | 10.7 | 10.7 | 10.6 | 10.5 | 10.3 | 10.1 | 9.8 | 9.6 | 9.3 | 9.0 |
| 95° | 17.3 | 17.4 | 17.5 | 17.6 | 17.7 | 17.5 | 17.1 | 16.6 | 16.1 | 15.7 | 15.1 |
| 97.5° | 23.1 | 23.0 | 22.9 | 22.8 | 22.7 | 22.4 | 22.1 | 21.8 | 21.4 | 21.0 | 19.6 |
| 100° | 27.0 | 26.8 | 26.7 | 26.5 | 26.3 | 25.8 | 25.1 | 24.4 | 23.7 | 23.0 | 21.4 |
| 102.5° | 28.9 | 28.7 | 28.5 | 28.2 | 27.9 | 27.3 | 26.4 | 25.4 | 24.5 | 23.6 | 36.4 |
| 105° | 30.6 | 30.3 | 29.9 | 29.5 | 29.2 | 28.6 | 27.5 | 26.6 | 25.5 | 24.6 | 49.0 |
| 107.5° | 31.5 | 31.1 | 30.8 | 30.4 | 30.1 | 30.3 | 31.4 | 32.4 | 33.4 | 34.4 | 63.7 |
| 110° | 31.9 | 31.5 | 31.1 | 30.7 | 30.3 | 34.7 | 43.6 | 52.6 | 61.5 | 70.5 | 96.3 |



TEST NUMBER: P331825-830

CATALOG NUMBER: S122RDIW-S865D435U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 32.1 | 31.9 | 31.6 | 31.3 | 31.0 | 47.2 | 79.8 | 112.5 | 145.2 | 177.9 | 184.2 |
| 115° | 33.0 | 39.5 | 45.9 | 52.4 | 58.8 | 82.8 | 124.2 | 165.7 | 207.1 | 248.5 | 246.3 |
| 117.5° | 134.9 | 156.1 | 177.2 | 198.4 | 219.6 | 235.2 | 245.2 | 255.2 | 265.3 | 275.3 | 273.8 |
| 120° | 245.7 | 257.8 | 269.9 | 282.0 | 294.1 | 299.6 | 298.5 | 297.5 | 296.3 | 295.3 | 293.7 |
| 122.5° | 306.6 | 309.0 | 311.3 | 313.7 | 316.0 | 316.9 | 316.2 | 315.6 | 315.0 | 314.3 | 312.5 |
| 125° | 344.4 | 344.2 | 343.9 | 343.7 | 343.4 | 342.9 | 342.3 | 341.7 | 341.0 | 340.4 | 338.7 |
| 127.5° | 368.3 | 368.3 | 368.2 | 368.2 | 368.1 | 367.6 | 366.6 | 365.8 | 364.9 | 363.9 | 362.7 |
| 130° | 383.1 | 383.2 | 383.3 | 383.4 | 383.5 | 383.0 | 382.0 | 381.1 | 380.0 | 379.1 | 378.1 |
| 132.5° | 397.7 | 397.8 | 397.8 | 397.8 | 397.9 | 397.6 | 396.7 | 396.0 | 395.1 | 394.3 | 393.2 |
| 135° | 418.6 | 418.8 | 419.0 | 419.1 | 419.2 | 419.0 | 418.0 | 417.2 | 416.2 | 415.4 | 414.5 |
| 137.5° | 437.6 | 438.0 | 438.3 | 438.6 | 438.8 | 438.6 | 437.7 | 436.9 | 435.9 | 435.1 | 434.1 |
| 140° | 449.6 | 450.1 | 450.4 | 450.9 | 451.4 | 451.2 | 450.4 | 449.6 | 448.7 | 448.0 | 447.0 |
| 142.5° | 461.2 | 461.7 | 462.1 | 462.5 | 463.0 | 462.9 | 462.1 | 461.4 | 460.6 | 459.9 | 458.7 |
| 145° | 477.4 | 477.9 | 478.2 | 478.7 | 479.2 | 479.1 | 478.4 | 477.9 | 477.2 | 476.5 | 475.0 |
| 147.5° | 491.6 | 492.0 | 492.4 | 492.8 | 493.1 | 493.1 | 492.7 | 492.2 | 491.7 | 491.3 | 489.7 |
| 150° | 500.4 | 500.8 | 501.2 | 501.7 | 502.2 | 502.1 | 501.5 | 501.1 | 500.5 | 499.9 | 498.5 |
| 152.5° | 507.7 | 508.3 | 509.0 | 509.5 | 510.1 | 510.2 | 509.6 | 509.1 | 508.5 | 508.0 | 506.6 |
| 155° | 518.1 | 518.8 | 519.5 | 520.2 | 520.9 | 521.0 | 520.5 | 520.0 | 519.4 | 518.9 | 517.8 |
| 157.5° | 527.5 | 528.2 | 528.9 | 529.6 | 530.3 | 530.4 | 529.7 | 529.1 | 528.5 | 527.9 | 527.2 |
| 160° | 533.0 | 533.6 | 534.2 | 534.9 | 535.5 | 535.6 | 535.0 | 534.4 | 534.0 | 533.4 | 532.8 |
| 162.5° | 537.5 | 538.3 | 539.0 | 539.8 | 540.5 | 540.6 | 540.1 | 539.4 | 538.9 | 538.2 | 537.7 |
| 165° | 544.2 | 544.9 | 545.5 | 546.1 | 546.8 | 546.8 | 546.1 | 545.5 | 544.9 | 544.2 | 544.0 |
| 167.5° | 548.6 | 549.3 | 550.2 | 550.9 | 551.8 | 551.9 | 551.2 | 550.6 | 550.0 | 549.3 | 549.1 |
| 170° | 551.1 | 552.0 | 552.7 | 553.6 | 554.3 | 554.4 | 553.8 | 553.2 | 552.5 | 552.0 | 551.8 |
| 172.5° | 553.1 | 553.8 | 554.7 | 555.4 | 556.3 | 556.4 | 555.7 | 555.1 | 554.5 | 553.8 | 553.6 |
| 175° | 554.8 | 555.6 | 556.6 | 557.4 | 558.4 | 558.5 | 557.8 | 557.2 | 556.6 | 555.9 | 555.7 |
| 177.5° | 555.8 | 556.4 | 557.0 | 557.7 | 558.4 | 558.5 | 557.9 | 557.4 | 556.9 | 556.4 | 556.4 |
| 180° | 556.8 | 556.8 | 556.8 | 556.8 | 556.8 | 556.8 | 556.8 | 556.8 | 556.8 | 556.8 | 556.8 |



TEST NUMBER: P331825-830

CATALOG NUMBER: S122RDIW-S865D435U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1799.9 | 1799.9 | 1799.9 | 1799.9 | 1799.9 | 1799.9 | 1799.9 | 1799.9 | 1799.9 | 1799.9 | 1799.9 |
| 2.5° | 1842.9 | 1838.9 | 1835.4 | 1826.4 | 1821.8 | 1811.8 | 1810.3 | 1809.9 | 1796.9 | 1784.3 | 1780.8 |
| 5° | 1906.2 | 1896.2 | 1881.1 | 1863.7 | 1845.5 | 1826.7 | 1814.2 | 1804.2 | 1779.2 | 1755.5 | 1741.7 |
| 7.5° | 1970.0 | 1948.4 | 1922.6 | 1889.4 | 1861.8 | 1830.8 | 1807.7 | 1787.1 | 1751.6 | 1717.6 | 1694.7 |
| 10° | 2017.5 | 1982.4 | 1948.0 | 1902.4 | 1866.8 | 1831.7 | 1799.2 | 1771.1 | 1731.1 | 1686.0 | 1654.2 |
| 12.5° | 2047.0 | 2008.5 | 1961.1 | 1916.5 | 1870.3 | 1825.7 | 1782.3 | 1746.1 | 1699.0 | 1652.6 | 1614.6 |
| 15° | 2086.9 | 2045.6 | 1988.1 | 1924.3 | 1864.9 | 1806.8 | 1756.7 | 1711.7 | 1650.4 | 1594.7 | 1548.4 |
| 17.5° | 2119.6 | 2062.8 | 2001.0 | 1927.2 | 1858.4 | 1784.5 | 1720.0 | 1662.6 | 1594.3 | 1527.2 | 1472.6 |
| 20° | 2130.1 | 2073.8 | 2002.5 | 1928.7 | 1847.4 | 1760.5 | 1691.0 | 1628.5 | 1555.3 | 1482.1 | 1419.7 |
| 22.5° | 2123.5 | 2079.8 | 2000.5 | 1912.1 | 1828.9 | 1738.0 | 1659.5 | 1587.0 | 1505.8 | 1431.2 | 1358.6 |
| 25° | 2079.4 | 2064.4 | 1989.3 | 1893.0 | 1798.0 | 1692.3 | 1601.6 | 1522.2 | 1429.6 | 1349.6 | 1270.7 |
| 27.5° | 1976.5 | 2008.8 | 1962.4 | 1859.7 | 1754.1 | 1640.8 | 1538.8 | 1448.4 | 1352.4 | 1262.3 | 1183.7 |
| 30° | 1877.5 | 1951.8 | 1931.8 | 1836.7 | 1718.5 | 1607.2 | 1492.8 | 1398.4 | 1295.8 | 1203.2 | 1125.7 |
| 32.5° | 1741.8 | 1864.7 | 1884.3 | 1804.8 | 1682.5 | 1560.2 | 1440.3 | 1346.3 | 1239.3 | 1141.7 | 1066.1 |
| 35° | 1526.0 | 1709.8 | 1794.2 | 1743.6 | 1621.0 | 1489.0 | 1365.2 | 1255.7 | 1148.2 | 1051.9 | 976.9 |
| 37.5° | 1268.4 | 1518.8 | 1659.5 | 1663.1 | 1550.6 | 1413.3 | 1278.6 | 1169.9 | 1059.8 | 965.3 | 884.0 |
| 40° | 1101.3 | 1372.7 | 1555.9 | 1596.6 | 1501.6 | 1353.3 | 1217.0 | 1106.3 | 998.7 | 906.2 | 813.0 |
| 42.5° | 951.2 | 1221.6 | 1446.9 | 1517.6 | 1442.0 | 1294.8 | 1158.0 | 1042.3 | 937.7 | 850.2 | 755.0 |
| 45° | 769.2 | 1005.6 | 1253.9 | 1380.3 | 1338.3 | 1202.0 | 1057.5 | 947.4 | 849.2 | 773.6 | 682.3 |
| 47.5° | 648.9 | 815.5 | 1055.7 | 1226.6 | 1225.9 | 1101.5 | 959.3 | 853.9 | 762.8 | 691.9 | 618.0 |
| 50° | 580.3 | 725.5 | 928.7 | 1122.6 | 1138.8 | 1034.3 | 899.3 | 794.8 | 709.8 | 635.4 | 576.0 |
| 52.5° | 518.8 | 638.4 | 821.1 | 1007.0 | 1053.3 | 962.8 | 831.8 | 735.4 | 652.8 | 584.4 | 533.5 |
| 55° | 438.4 | 530.9 | 669.8 | 843.7 | 913.7 | 849.9 | 733.6 | 643.6 | 576.6 | 519.1 | 475.3 |
| 57.5° | 370.9 | 440.3 | 551.7 | 691.6 | 773.3 | 733.1 | 637.2 | 564.0 | 506.7 | 454.7 | 420.1 |
| 60° | 328.3 | 385.2 | 479.7 | 596.6 | 686.6 | 658.6 | 576.6 | 508.4 | 459.7 | 414.6 | 382.1 |
| 62.5° | 288.3 | 337.2 | 418.1 | 513.0 | 595.6 | 584.0 | 517.1 | 459.9 | 417.2 | 376.1 | 348.6 |
| 65° | 232.1 | 267.7 | 330.8 | 405.3 | 471.6 | 477.2 | 429.0 | 390.2 | 352.1 | 319.6 | 295.2 |
| 67.5° | 184.7 | 208.0 | 252.5 | 315.2 | 364.9 | 382.6 | 353.2 | 323.6 | 293.3 | 268.2 | 247.0 |
| 70° | 155.7 | 174.5 | 207.0 | 257.7 | 303.3 | 322.1 | 305.2 | 282.0 | 255.8 | 235.2 | 217.0 |
| 72.5° | 126.2 | 144.5 | 168.4 | 205.7 | 244.8 | 265.0 | 259.2 | 242.5 | 221.2 | 204.2 | 187.0 |
| 75° | 95.1 | 100.7 | 117.0 | 141.9 | 172.6 | 190.1 | 194.5 | 185.8 | 168.8 | 155.7 | 145.7 |
| 77.5° | 70.3 | 73.7 | 81.4 | 94.5 | 114.6 | 130.2 | 136.6 | 135.5 | 123.9 | 116.3 | 107.0 |
| 80° | 56.3 | 58.2 | 61.9 | 67.6 | 82.6 | 98.2 | 102.5 | 102.5 | 94.4 | 91.3 | 81.9 |
| 82.5° | 42.8 | 44.1 | 46.4 | 49.5 | 56.6 | 70.1 | 75.0 | 76.1 | 70.9 | 66.8 | 59.4 |
| 85° | 24.4 | 23.8 | 25.0 | 26.9 | 28.2 | 31.9 | 39.4 | 40.6 | 39.4 | 34.4 | 32.5 |
| 87.5° | 9.8 | 10.2 | 10.1 | 9.3 | 9.7 | 10.0 | 12.3 | 14.6 | 12.8 | 11.5 | 10.7 |
| 90° | 6.6 | 5.9 | 5.2 | 4.3 | 3.4 | 2.4 | 1.4 | 0.4 | 1.4 | 2.4 | 3.4 |
| 92.5° | 8.7 | 8.3 | 7.9 | 7.8 | 7.8 | 7.9 | 8.0 | 8.1 | 8.0 | 7.9 | 7.8 |
| 95° | 14.4 | 13.9 | 13.2 | 14.3 | 17.3 | 20.3 | 23.2 | 26.2 | 23.2 | 20.3 | 17.3 |
| 97.5° | 18.1 | 16.7 | 15.3 | 18.7 | 27.0 | 35.3 | 43.6 | 51.9 | 43.6 | 35.3 | 27.0 |
| 100° | 19.9 | 18.4 | 16.9 | 22.2 | 34.5 | 46.8 | 59.0 | 71.4 | 59.0 | 46.8 | 34.5 |
| 102.5° | 49.1 | 61.8 | 74.6 | 82.2 | 84.8 | 87.4 | 90.0 | 92.6 | 90.0 | 87.4 | 84.8 |
| 105° | 73.4 | 97.9 | 122.3 | 133.2 | 130.5 | 127.8 | 125.2 | 122.4 | 125.2 | 127.8 | 130.5 |
| 107.5° | 93.0 | 122.3 | 151.7 | 165.2 | 163.1 | 160.9 | 158.7 | 156.6 | 158.7 | 160.9 | 163.1 |
| 110° | 122.2 | 148.1 | 174.0 | 186.0 | 184.1 | 182.2 | 180.3 | 178.4 | 180.3 | 182.2 | 184.1 |



TEST NUMBER: P331825-830

CATALOG NUMBER: S122RDIW-S865D435U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 190.6 | 197.0 | 203.4 | 205.8 | 204.1 | 202.5 | 200.8 | 199.1 | 200.8 | 202.5 | 204.1 |
| 115° | 244.1 | 241.9 | 239.6 | 237.7 | 236.2 | 234.7 | 233.2 | 231.7 | 233.2 | 234.7 | 236.2 |
| 117.5° | 272.2 | 270.7 | 269.2 | 267.5 | 265.8 | 264.1 | 262.4 | 260.7 | 262.4 | 264.1 | 265.8 |
| 120° | 292.1 | 290.5 | 288.9 | 287.4 | 286.1 | 284.6 | 283.3 | 282.0 | 283.3 | 284.6 | 286.1 |
| 122.5° | 310.8 | 309.1 | 307.3 | 305.7 | 304.3 | 302.8 | 301.4 | 300.0 | 301.4 | 302.8 | 304.3 |
| 125° | 337.1 | 335.4 | 333.6 | 332.2 | 331.0 | 329.9 | 328.7 | 327.5 | 328.7 | 329.9 | 331.0 |
| 127.5° | 361.4 | 360.1 | 358.8 | 357.6 | 356.3 | 355.0 | 353.7 | 352.4 | 353.7 | 355.0 | 356.3 |
| 130° | 377.1 | 376.2 | 375.1 | 373.9 | 372.5 | 371.1 | 369.7 | 368.3 | 369.7 | 371.1 | 372.5 |
| 132.5° | 392.3 | 391.2 | 390.3 | 389.2 | 388.0 | 386.7 | 385.5 | 384.4 | 385.5 | 386.7 | 388.0 |
| 135° | 413.8 | 412.9 | 412.1 | 411.0 | 409.5 | 408.1 | 406.7 | 405.3 | 406.7 | 408.1 | 409.5 |
| 137.5° | 433.3 | 432.3 | 431.4 | 430.5 | 429.5 | 428.5 | 427.4 | 426.5 | 427.4 | 428.5 | 429.5 |
| 140° | 446.0 | 445.1 | 444.0 | 443.2 | 442.4 | 441.8 | 441.0 | 440.4 | 441.0 | 441.8 | 442.4 |
| 142.5° | 457.6 | 456.5 | 455.4 | 454.5 | 453.8 | 453.2 | 452.6 | 451.9 | 452.6 | 453.2 | 453.8 |
| 145° | 473.5 | 472.0 | 470.5 | 469.8 | 469.9 | 470.0 | 470.0 | 470.1 | 470.0 | 470.0 | 469.9 |
| 147.5° | 488.2 | 486.7 | 485.2 | 484.7 | 485.0 | 485.3 | 485.7 | 486.0 | 485.7 | 485.3 | 485.0 |
| 150° | 497.1 | 495.7 | 494.2 | 493.8 | 494.5 | 495.0 | 495.7 | 496.3 | 495.7 | 495.0 | 494.5 |
| 152.5° | 505.3 | 503.9 | 502.6 | 502.2 | 502.9 | 503.6 | 504.4 | 505.0 | 504.4 | 503.6 | 502.9 |
| 155° | 516.7 | 515.7 | 514.6 | 514.4 | 515.3 | 516.0 | 516.9 | 517.6 | 516.9 | 516.0 | 515.3 |
| 157.5° | 526.4 | 525.7 | 524.9 | 524.9 | 525.6 | 526.2 | 526.9 | 527.5 | 526.9 | 526.2 | 525.6 |
| 160° | 532.3 | 531.8 | 531.2 | 531.2 | 531.8 | 532.3 | 532.8 | 533.4 | 532.8 | 532.3 | 531.8 |
| 162.5° | 537.2 | 536.8 | 536.4 | 536.4 | 537.0 | 537.4 | 538.0 | 538.6 | 538.0 | 537.4 | 537.0 |
| 165° | 543.8 | 543.5 | 543.2 | 543.3 | 543.8 | 544.4 | 545.0 | 545.4 | 545.0 | 544.4 | 543.8 |
| 167.5° | 548.8 | 548.6 | 548.4 | 548.5 | 549.0 | 549.6 | 550.1 | 550.6 | 550.1 | 549.6 | 549.0 |
| 170° | 551.6 | 551.4 | 551.2 | 551.4 | 552.0 | 552.4 | 553.0 | 553.6 | 553.0 | 552.4 | 552.0 |
| 172.5° | 553.5 | 553.3 | 553.2 | 553.3 | 553.8 | 554.4 | 555.0 | 555.4 | 555.0 | 554.4 | 553.8 |
| 175° | 555.6 | 555.4 | 555.3 | 555.4 | 556.1 | 556.7 | 557.3 | 558.0 | 557.3 | 556.7 | 556.1 |
| 177.5° | 556.3 | 556.2 | 556.1 | 556.4 | 556.9 | 557.3 | 557.9 | 558.4 | 557.9 | 557.3 | 556.9 |
| 180° | 556.8 | 556.8 | 556.8 | 556.8 | 556.8 | 556.8 | 556.8 | 556.8 | 556.8 | 556.8 | 556.8 |



TEST NUMBER: P331825-830

CATALOG NUMBER: S122RDIW-S865D435U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1799.9 | 1799.9 | 1799.9 | 1799.9 | 1799.9 | 1799.9 | 1799.9 | 1799.9 | 1799.9 | 1799.9 | 1799.9 |
| 2.5° | 1774.3 | 1770.8 | 1764.3 | 1754.4 | 1748.3 | 1737.9 | 1730.8 | 1734.8 | 1735.8 | 1734.8 | 1733.8 |
| 5° | 1726.6 | 1713.5 | 1695.4 | 1677.9 | 1661.6 | 1644.2 | 1634.1 | 1629.8 | 1621.0 | 1616.0 | 1613.5 |
| 7.5° | 1669.1 | 1646.4 | 1620.7 | 1590.3 | 1564.3 | 1537.2 | 1523.3 | 1516.5 | 1498.5 | 1488.7 | 1480.3 |
| 10° | 1626.0 | 1590.4 | 1564.7 | 1524.7 | 1500.3 | 1464.6 | 1440.3 | 1440.9 | 1416.5 | 1402.7 | 1392.7 |
| 12.5° | 1578.5 | 1539.4 | 1496.7 | 1460.7 | 1426.7 | 1398.1 | 1368.8 | 1356.8 | 1331.0 | 1317.7 | 1290.6 |
| 15° | 1499.7 | 1454.1 | 1409.0 | 1360.2 | 1325.8 | 1281.4 | 1238.9 | 1186.9 | 1145.1 | 1108.8 | 1098.8 |
| 17.5° | 1413.6 | 1357.1 | 1311.9 | 1254.6 | 1195.7 | 1121.1 | 1071.8 | 1041.6 | 1016.3 | 997.2 | 983.0 |
| 20° | 1354.6 | 1297.0 | 1248.9 | 1162.6 | 1083.2 | 1032.6 | 996.3 | 973.1 | 946.9 | 926.2 | 914.9 |
| 22.5° | 1292.5 | 1232.5 | 1166.9 | 1070.5 | 1008.6 | 968.0 | 935.7 | 909.1 | 891.3 | 875.2 | 864.9 |
| 25° | 1204.5 | 1138.8 | 1030.7 | 964.3 | 914.3 | 871.8 | 849.2 | 833.0 | 814.3 | 792.4 | 782.3 |
| 27.5° | 1111.4 | 1007.0 | 929.3 | 880.1 | 832.3 | 804.6 | 784.4 | 760.1 | 743.3 | 733.5 | 723.0 |
| 30° | 1041.9 | 937.5 | 876.8 | 823.0 | 789.2 | 758.6 | 734.8 | 721.0 | 704.8 | 688.0 | 681.1 |
| 32.5° | 964.3 | 880.9 | 822.7 | 778.0 | 743.7 | 717.6 | 698.8 | 676.6 | 664.8 | 654.4 | 640.0 |
| 35° | 868.0 | 804.8 | 751.7 | 715.5 | 683.0 | 661.7 | 639.8 | 626.6 | 605.4 | 596.6 | 591.0 |
| 37.5° | 786.5 | 731.7 | 692.0 | 653.7 | 628.0 | 604.5 | 591.1 | 570.2 | 561.0 | 548.8 | 537.0 |
| 40° | 740.5 | 686.6 | 648.6 | 617.3 | 588.5 | 571.0 | 554.1 | 537.2 | 523.5 | 517.8 | 503.4 |
| 42.5° | 693.4 | 649.7 | 611.5 | 577.2 | 558.0 | 539.4 | 518.1 | 505.7 | 491.4 | 482.3 | 473.4 |
| 45° | 628.5 | 589.7 | 557.2 | 529.0 | 507.8 | 488.4 | 474.7 | 454.0 | 445.9 | 427.7 | 420.3 |
| 47.5° | 571.5 | 535.5 | 504.4 | 477.7 | 456.9 | 444.3 | 424.1 | 408.0 | 395.0 | 383.9 | 374.2 |
| 50° | 530.9 | 501.0 | 470.9 | 447.1 | 428.4 | 410.3 | 389.6 | 381.4 | 361.5 | 355.8 | 350.2 |
| 52.5° | 493.9 | 465.4 | 437.9 | 414.6 | 395.9 | 378.2 | 360.1 | 349.5 | 335.9 | 330.4 | 326.2 |
| 55° | 442.1 | 414.6 | 388.3 | 367.7 | 348.9 | 330.8 | 319.6 | 306.4 | 300.2 | 295.8 | 290.8 |
| 57.5° | 390.1 | 365.3 | 345.3 | 324.3 | 305.5 | 291.1 | 278.1 | 270.1 | 263.6 | 257.9 | 251.9 |
| 60° | 357.1 | 333.3 | 315.2 | 295.8 | 276.4 | 264.6 | 254.5 | 245.2 | 237.6 | 228.8 | 226.4 |
| 62.5° | 322.1 | 301.3 | 284.6 | 265.8 | 248.9 | 238.0 | 228.5 | 219.6 | 210.7 | 197.8 | 194.4 |
| 65° | 273.9 | 257.7 | 240.2 | 224.5 | 209.5 | 198.9 | 185.1 | 175.1 | 171.4 | 170.1 | 169.5 |
| 67.5° | 230.4 | 215.0 | 200.0 | 184.0 | 170.3 | 160.5 | 153.4 | 151.9 | 149.3 | 148.5 | 146.8 |
| 70° | 201.3 | 187.0 | 172.0 | 156.9 | 143.8 | 141.9 | 139.5 | 137.0 | 133.8 | 132.6 | 131.3 |
| 72.5° | 175.3 | 160.5 | 145.4 | 133.5 | 127.8 | 125.5 | 122.9 | 120.5 | 118.3 | 117.1 | 116.3 |
| 75° | 134.5 | 120.7 | 110.7 | 106.3 | 103.2 | 101.3 | 97.6 | 95.7 | 94.4 | 92.6 | 91.9 |
| 77.5° | 96.8 | 89.1 | 84.5 | 81.7 | 78.4 | 76.4 | 74.3 | 72.4 | 71.1 | 70.7 | 69.7 |
| 80° | 73.8 | 70.0 | 66.9 | 63.2 | 61.9 | 59.4 | 58.8 | 56.9 | 57.5 | 55.7 | 55.7 |
| 82.5° | 57.3 | 52.5 | 49.9 | 48.2 | 46.9 | 44.9 | 44.3 | 43.4 | 43.5 | 42.1 | 42.1 |
| 85° | 29.4 | 28.2 | 26.9 | 25.6 | 25.6 | 23.8 | 24.4 | 23.8 | 23.8 | 22.5 | 21.9 |
| 87.5° | 10.4 | 10.1 | 9.1 | 9.3 | 9.5 | 9.1 | 9.2 | 8.8 | 8.9 | 9.0 | 8.6 |
| 90° | 4.3 | 5.2 | 5.9 | 6.6 | 7.4 | 8.0 | 8.5 | 9.0 | 9.4 | 9.8 | 10.2 |
| 92.5° | 7.8 | 7.9 | 8.3 | 8.7 | 9.0 | 9.3 | 9.6 | 9.8 | 10.1 | 10.3 | 10.5 |
| 95° | 14.3 | 13.2 | 13.9 | 14.4 | 15.1 | 15.7 | 16.1 | 16.6 | 17.1 | 17.5 | 17.7 |
| 97.5° | 18.7 | 15.3 | 16.7 | 18.1 | 19.6 | 21.0 | 21.4 | 21.8 | 22.1 | 22.4 | 22.7 |
| 100° | 22.2 | 16.9 | 18.4 | 19.9 | 21.4 | 23.0 | 23.7 | 24.4 | 25.1 | 25.8 | 26.3 |
| 102.5° | 82.2 | 74.6 | 61.8 | 49.1 | 36.4 | 23.6 | 24.5 | 25.4 | 26.4 | 27.3 | 27.9 |
| 105° | 133.2 | 122.3 | 97.9 | 73.4 | 49.0 | 24.6 | 25.5 | 26.6 | 27.5 | 28.6 | 29.2 |
| 107.5° | 165.2 | 151.7 | 122.3 | 93.0 | 63.7 | 34.4 | 33.4 | 32.4 | 31.4 | 30.3 | 30.1 |
| 110° | 186.0 | 174.0 | 148.1 | 122.2 | 96.3 | 70.5 | 61.5 | 52.6 | 43.6 | 34.7 | 30.3 |



TEST NUMBER: P331825-830

CATALOG NUMBER: S122RDIW-S865D435U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 205.8 | 203.4 | 197.0 | 190.6 | 184.2 | 177.9 | 145.2 | 112.5 | 79.8 | 47.2 | 31.0 |
| 115° | 237.7 | 239.6 | 241.9 | 244.1 | 246.3 | 248.5 | 207.1 | 165.7 | 124.2 | 82.8 | 58.8 |
| 117.5° | 267.5 | 269.2 | 270.7 | 272.2 | 273.8 | 275.3 | 265.3 | 255.2 | 245.2 | 235.2 | 219.6 |
| 120° | 287.4 | 288.9 | 290.5 | 292.1 | 293.7 | 295.3 | 296.3 | 297.5 | 298.5 | 299.6 | 294.1 |
| 122.5° | 305.7 | 307.3 | 309.1 | 310.8 | 312.5 | 314.3 | 315.0 | 315.6 | 316.2 | 316.9 | 316.0 |
| 125° | 332.2 | 333.6 | 335.4 | 337.1 | 338.7 | 340.4 | 341.0 | 341.7 | 342.3 | 342.9 | 343.4 |
| 127.5° | 357.6 | 358.8 | 360.1 | 361.4 | 362.7 | 363.9 | 364.9 | 365.8 | 366.6 | 367.6 | 368.1 |
| 130° | 373.9 | 375.1 | 376.2 | 377.1 | 378.1 | 379.1 | 380.0 | 381.1 | 382.0 | 383.0 | 383.5 |
| 132.5° | 389.2 | 390.3 | 391.2 | 392.3 | 393.2 | 394.3 | 395.1 | 396.0 | 396.7 | 397.6 | 397.9 |
| 135° | 411.0 | 412.1 | 412.9 | 413.8 | 414.5 | 415.4 | 416.2 | 417.2 | 418.0 | 419.0 | 419.2 |
| 137.5° | 430.5 | 431.4 | 432.3 | 433.3 | 434.1 | 435.1 | 435.9 | 436.9 | 437.7 | 438.6 | 438.8 |
| 140° | 443.2 | 444.0 | 445.1 | 446.0 | 447.0 | 448.0 | 448.7 | 449.6 | 450.4 | 451.2 | 451.4 |
| 142.5° | 454.5 | 455.4 | 456.5 | 457.6 | 458.7 | 459.9 | 460.6 | 461.4 | 462.1 | 462.9 | 463.0 |
| 145° | 469.8 | 470.5 | 472.0 | 473.5 | 475.0 | 476.5 | 477.2 | 477.9 | 478.4 | 479.1 | 479.2 |
| 147.5° | 484.7 | 485.2 | 486.7 | 488.2 | 489.7 | 491.3 | 491.7 | 492.2 | 492.7 | 493.1 | 493.1 |
| 150° | 493.8 | 494.2 | 495.7 | 497.1 | 498.5 | 499.9 | 500.5 | 501.1 | 501.5 | 502.1 | 502.2 |
| 152.5° | 502.2 | 502.6 | 503.9 | 505.3 | 506.6 | 508.0 | 508.5 | 509.1 | 509.6 | 510.2 | 510.1 |
| 155° | 514.4 | 514.6 | 515.7 | 516.7 | 517.8 | 518.9 | 519.4 | 520.0 | 520.5 | 521.0 | 520.9 |
| 157.5° | 524.9 | 524.9 | 525.7 | 526.4 | 527.2 | 527.9 | 528.5 | 529.1 | 529.7 | 530.4 | 530.3 |
| 160° | 531.2 | 531.2 | 531.8 | 532.3 | 532.8 | 533.4 | 534.0 | 534.4 | 535.0 | 535.6 | 535.5 |
| 162.5° | 536.4 | 536.4 | 536.8 | 537.2 | 537.7 | 538.2 | 538.9 | 539.4 | 540.1 | 540.6 | 540.5 |
| 165° | 543.3 | 543.2 | 543.5 | 543.8 | 544.0 | 544.2 | 544.9 | 545.5 | 546.1 | 546.8 | 546.8 |
| 167.5° | 548.5 | 548.4 | 548.6 | 548.8 | 549.1 | 549.3 | 550.0 | 550.6 | 551.2 | 551.9 | 551.8 |
| 170° | 551.4 | 551.2 | 551.4 | 551.6 | 551.8 | 552.0 | 552.5 | 553.2 | 553.8 | 554.4 | 554.3 |
| 172.5° | 553.3 | 553.2 | 553.3 | 553.5 | 553.6 | 553.8 | 554.5 | 555.1 | 555.7 | 556.4 | 556.3 |
| 175° | 555.4 | 555.3 | 555.4 | 555.6 | 555.7 | 555.9 | 556.6 | 557.2 | 557.8 | 558.5 | 558.4 |
| 177.5° | 556.4 | 556.1 | 556.2 | 556.3 | 556.4 | 556.4 | 556.9 | 557.4 | 557.9 | 558.5 | 558.4 |
| 180° | 556.8 | 556.8 | 556.8 | 556.8 | 556.8 | 556.8 | 556.8 | 556.8 | 556.8 | 556.8 | 556.8 |



TEST NUMBER: P331825-830

CATALOG NUMBER: S122RDIW-S865D435U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1799.9 | 1799.9 | 1799.9 | 1799.9 | 1799.9 | 1799.9 | 1799.9 | 1799.9 | 1799.9 | 1799.9 | 1799.9 |
| 2.5° | 1728.3 | 1729.3 | 1727.8 | 1728.8 | 1727.8 | 1729.3 | 1728.3 | 1733.8 | 1734.8 | 1735.8 | 1734.8 |
| 5° | 1610.3 | 1602.9 | 1601.6 | 1599.8 | 1601.6 | 1602.9 | 1610.3 | 1613.5 | 1616.0 | 1621.0 | 1629.8 |
| 7.5° | 1469.5 | 1468.4 | 1465.3 | 1460.9 | 1465.3 | 1468.4 | 1469.5 | 1480.3 | 1488.7 | 1498.5 | 1516.5 |
| 10° | 1378.9 | 1375.8 | 1375.3 | 1370.8 | 1375.3 | 1375.8 | 1378.9 | 1392.7 | 1402.7 | 1416.5 | 1440.9 |
| 12.5° | 1272.9 | 1252.7 | 1250.7 | 1239.7 | 1250.7 | 1252.7 | 1272.9 | 1290.6 | 1317.7 | 1331.0 | 1356.8 |
| 15° | 1083.8 | 1080.1 | 1067.5 | 1059.4 | 1067.5 | 1080.1 | 1083.8 | 1098.8 | 1108.8 | 1145.1 | 1186.9 |
| 17.5° | 975.7 | 963.5 | 959.6 | 957.8 | 959.6 | 963.5 | 975.7 | 983.0 | 997.2 | 1016.3 | 1041.6 |
| 20° | 906.2 | 894.9 | 893.1 | 891.8 | 893.1 | 894.9 | 906.2 | 914.9 | 926.2 | 946.9 | 973.1 |
| 22.5° | 858.2 | 846.4 | 841.5 | 837.7 | 841.5 | 846.4 | 858.2 | 864.9 | 875.2 | 891.3 | 909.1 |
| 25° | 776.1 | 771.8 | 769.2 | 768.0 | 769.2 | 771.8 | 776.1 | 782.3 | 792.4 | 814.3 | 833.0 |
| 27.5° | 711.9 | 702.3 | 700.4 | 697.2 | 700.4 | 702.3 | 711.9 | 723.0 | 733.5 | 743.3 | 760.1 |
| 30° | 675.4 | 672.3 | 667.9 | 664.1 | 667.9 | 672.3 | 675.4 | 681.1 | 688.0 | 704.8 | 721.0 |
| 32.5° | 632.4 | 629.8 | 625.8 | 624.2 | 625.8 | 629.8 | 632.4 | 640.0 | 654.4 | 664.8 | 676.6 |
| 35° | 584.8 | 576.0 | 572.2 | 566.6 | 572.2 | 576.0 | 584.8 | 591.0 | 596.6 | 605.4 | 626.6 |
| 37.5° | 534.3 | 529.7 | 524.4 | 526.3 | 524.4 | 529.7 | 534.3 | 537.0 | 548.8 | 561.0 | 570.2 |
| 40° | 495.3 | 492.2 | 491.0 | 490.3 | 491.0 | 492.2 | 495.3 | 503.4 | 517.8 | 523.5 | 537.2 |
| 42.5° | 464.3 | 455.6 | 452.4 | 452.2 | 452.4 | 455.6 | 464.3 | 473.4 | 482.3 | 491.4 | 505.7 |
| 45° | 417.2 | 409.0 | 403.4 | 404.0 | 403.4 | 409.0 | 417.2 | 420.3 | 427.7 | 445.9 | 454.0 |
| 47.5° | 368.8 | 368.6 | 365.1 | 366.3 | 365.1 | 368.6 | 368.8 | 374.2 | 383.9 | 395.0 | 408.0 |
| 50° | 345.8 | 342.0 | 339.6 | 340.2 | 339.6 | 342.0 | 345.8 | 350.2 | 355.8 | 361.5 | 381.4 |
| 52.5° | 323.9 | 320.6 | 318.6 | 321.2 | 318.6 | 320.6 | 323.9 | 326.2 | 330.4 | 335.9 | 349.5 |
| 55° | 287.7 | 283.9 | 283.3 | 282.7 | 283.3 | 283.9 | 287.7 | 290.8 | 295.8 | 300.2 | 306.4 |
| 57.5° | 247.3 | 244.8 | 241.0 | 239.4 | 241.0 | 244.8 | 247.3 | 251.9 | 257.9 | 263.6 | 270.1 |
| 60° | 218.3 | 213.3 | 207.0 | 206.4 | 207.0 | 213.3 | 218.3 | 226.4 | 228.8 | 237.6 | 245.2 |
| 62.5° | 191.7 | 190.8 | 189.5 | 189.4 | 189.5 | 190.8 | 191.7 | 194.4 | 197.8 | 210.7 | 219.6 |
| 65° | 168.2 | 167.6 | 168.2 | 168.8 | 168.2 | 167.6 | 168.2 | 169.5 | 170.1 | 171.4 | 175.1 |
| 67.5° | 146.6 | 145.4 | 144.3 | 144.9 | 144.3 | 145.4 | 146.6 | 146.8 | 148.5 | 149.3 | 151.9 |
| 70° | 130.1 | 129.4 | 128.8 | 128.8 | 128.8 | 129.4 | 130.1 | 131.3 | 132.6 | 133.8 | 137.0 |
| 72.5° | 114.0 | 114.0 | 113.3 | 112.8 | 113.3 | 114.0 | 114.0 | 116.3 | 117.1 | 118.3 | 120.5 |
| 75° | 91.3 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 91.3 | 91.9 | 92.6 | 94.4 | 95.7 |
| 77.5° | 69.6 | 68.9 | 68.3 | 67.8 | 68.3 | 68.9 | 69.6 | 69.7 | 70.7 | 71.1 | 72.4 |
| 80° | 55.0 | 54.4 | 53.8 | 53.8 | 53.8 | 54.4 | 55.0 | 55.7 | 55.7 | 57.5 | 56.9 |
| 82.5° | 42.0 | 41.4 | 41.3 | 40.8 | 41.3 | 41.4 | 42.0 | 42.1 | 42.1 | 43.5 | 43.4 |
| 85° | 22.5 | 23.1 | 22.5 | 23.8 | 22.5 | 23.1 | 22.5 | 21.9 | 22.5 | 23.8 | 23.8 |
| 87.5° | 8.6 | 8.1 | 8.7 | 8.2 | 8.7 | 8.1 | 8.6 | 8.6 | 9.0 | 8.9 | 8.8 |
| 90° | 10.4 | 10.6 | 10.7 | 10.8 | 10.7 | 10.6 | 10.4 | 10.2 | 9.8 | 9.4 | 9.0 |
| 92.5° | 10.6 | 10.7 | 10.7 | 10.8 | 10.7 | 10.7 | 10.6 | 10.5 | 10.3 | 10.1 | 9.8 |
| 95° | 17.6 | 17.5 | 17.4 | 17.3 | 17.4 | 17.5 | 17.6 | 17.7 | 17.5 | 17.1 | 16.6 |
| 97.5° | 22.8 | 22.9 | 23.0 | 23.1 | 23.0 | 22.9 | 22.8 | 22.7 | 22.4 | 22.1 | 21.8 |
| 100° | 26.5 | 26.7 | 26.8 | 27.0 | 26.8 | 26.7 | 26.5 | 26.3 | 25.8 | 25.1 | 24.4 |
| 102.5° | 28.2 | 28.5 | 28.7 | 28.9 | 28.7 | 28.5 | 28.2 | 27.9 | 27.3 | 26.4 | 25.4 |
| 105° | 29.5 | 29.9 | 30.3 | 30.6 | 30.3 | 29.9 | 29.5 | 29.2 | 28.6 | 27.5 | 26.6 |
| 107.5° | 30.4 | 30.8 | 31.1 | 31.5 | 31.1 | 30.8 | 30.4 | 30.1 | 30.3 | 31.4 | 32.4 |
| 110° | 30.7 | 31.1 | 31.5 | 31.9 | 31.5 | 31.1 | 30.7 | 30.3 | 34.7 | 43.6 | 52.6 |



TEST NUMBER: P331825-830

CATALOG NUMBER: S122RDIW-S865D435U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 31.3 | 31.6 | 31.9 | 32.1 | 31.9 | 31.6 | 31.3 | 31.0 | 47.2 | 79.8 | 112.5 |
| 115° | 52.4 | 45.9 | 39.5 | 33.0 | 39.5 | 45.9 | 52.4 | 58.8 | 82.8 | 124.2 | 165.7 |
| 117.5° | 198.4 | 177.2 | 156.1 | 134.9 | 156.1 | 177.2 | 198.4 | 219.6 | 235.2 | 245.2 | 255.2 |
| 120° | 282.0 | 269.9 | 257.8 | 245.7 | 257.8 | 269.9 | 282.0 | 294.1 | 299.6 | 298.5 | 297.5 |
| 122.5° | 313.7 | 311.3 | 309.0 | 306.6 | 309.0 | 311.3 | 313.7 | 316.0 | 316.9 | 316.2 | 315.6 |
| 125° | 343.7 | 343.9 | 344.2 | 344.4 | 344.2 | 343.9 | 343.7 | 343.4 | 342.9 | 342.3 | 341.7 |
| 127.5° | 368.2 | 368.2 | 368.3 | 368.3 | 368.3 | 368.2 | 368.2 | 368.1 | 367.6 | 366.6 | 365.8 |
| 130° | 383.4 | 383.3 | 383.2 | 383.1 | 383.2 | 383.3 | 383.4 | 383.5 | 383.0 | 382.0 | 381.1 |
| 132.5° | 397.8 | 397.8 | 397.8 | 397.7 | 397.8 | 397.8 | 397.8 | 397.9 | 397.6 | 396.7 | 396.0 |
| 135° | 419.1 | 419.0 | 418.8 | 418.6 | 418.8 | 419.0 | 419.1 | 419.2 | 419.0 | 418.0 | 417.2 |
| 137.5° | 438.6 | 438.3 | 438.0 | 437.6 | 438.0 | 438.3 | 438.6 | 438.8 | 438.6 | 437.7 | 436.9 |
| 140° | 450.9 | 450.4 | 450.1 | 449.6 | 450.1 | 450.4 | 450.9 | 451.4 | 451.2 | 450.4 | 449.6 |
| 142.5° | 462.5 | 462.1 | 461.7 | 461.2 | 461.7 | 462.1 | 462.5 | 463.0 | 462.9 | 462.1 | 461.4 |
| 145° | 478.7 | 478.2 | 477.9 | 477.4 | 477.9 | 478.2 | 478.7 | 479.2 | 479.1 | 478.4 | 477.9 |
| 147.5° | 492.8 | 492.4 | 492.0 | 491.6 | 492.0 | 492.4 | 492.8 | 493.1 | 493.1 | 492.7 | 492.2 |
| 150° | 501.7 | 501.2 | 500.8 | 500.4 | 500.8 | 501.2 | 501.7 | 502.2 | 502.1 | 501.5 | 501.1 |
| 152.5° | 509.5 | 509.0 | 508.3 | 507.7 | 508.3 | 509.0 | 509.5 | 510.1 | 510.2 | 509.6 | 509.1 |
| 155° | 520.2 | 519.5 | 518.8 | 518.1 | 518.8 | 519.5 | 520.2 | 520.9 | 521.0 | 520.5 | 520.0 |
| 157.5° | 529.6 | 528.9 | 528.2 | 527.5 | 528.2 | 528.9 | 529.6 | 530.3 | 530.4 | 529.7 | 529.1 |
| 160° | 534.9 | 534.2 | 533.6 | 533.0 | 533.6 | 534.2 | 534.9 | 535.5 | 535.6 | 535.0 | 534.4 |
| 162.5° | 539.8 | 539.0 | 538.3 | 537.5 | 538.3 | 539.0 | 539.8 | 540.5 | 540.6 | 540.1 | 539.4 |
| 165° | 546.1 | 545.5 | 544.9 | 544.2 | 544.9 | 545.5 | 546.1 | 546.8 | 546.8 | 546.1 | 545.5 |
| 167.5° | 550.9 | 550.2 | 549.3 | 548.6 | 549.3 | 550.2 | 550.9 | 551.8 | 551.9 | 551.2 | 550.6 |
| 170° | 553.6 | 552.7 | 552.0 | 551.1 | 552.0 | 552.7 | 553.6 | 554.3 | 554.4 | 553.8 | 553.2 |
| 172.5° | 555.4 | 554.7 | 553.8 | 553.1 | 553.8 | 554.7 | 555.4 | 556.3 | 556.4 | 555.7 | 555.1 |
| 175° | 557.4 | 556.6 | 555.6 | 554.8 | 555.6 | 556.6 | 557.4 | 558.4 | 558.5 | 557.8 | 557.2 |
| 177.5° | 557.7 | 557.0 | 556.4 | 555.8 | 556.4 | 557.0 | 557.7 | 558.4 | 558.5 | 557.9 | 557.4 |
| 180° | 556.8 | 556.8 | 556.8 | 556.8 | 556.8 | 556.8 | 556.8 | 556.8 | 556.8 | 556.8 | 556.8 |



TEST NUMBER: P331825-830

CATALOG NUMBER: S122RDIW-S865D435U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1799.9 | 1799.9 | 1799.9 | 1799.9 | 1799.9 | 1799.9 | 1799.9 | 1799.9 | 1799.9 | 1799.9 | 1799.9 |
| 2.5° | 1730.8 | 1737.9 | 1748.3 | 1754.4 | 1764.3 | 1770.8 | 1774.3 | 1780.8 | 1784.3 | 1796.9 | 1809.9 |
| 5° | 1634.1 | 1644.2 | 1661.6 | 1677.9 | 1695.4 | 1713.5 | 1726.6 | 1741.7 | 1755.5 | 1779.2 | 1804.2 |
| 7.5° | 1523.3 | 1537.2 | 1564.3 | 1590.3 | 1620.7 | 1646.4 | 1669.1 | 1694.7 | 1717.6 | 1751.6 | 1787.1 |
| 10° | 1440.3 | 1464.6 | 1500.3 | 1524.7 | 1564.7 | 1590.4 | 1626.0 | 1654.2 | 1686.0 | 1731.1 | 1771.1 |
| 12.5° | 1368.8 | 1398.1 | 1426.7 | 1460.7 | 1496.7 | 1539.4 | 1578.5 | 1614.6 | 1652.6 | 1699.0 | 1746.1 |
| 15° | 1238.9 | 1281.4 | 1325.8 | 1360.2 | 1409.0 | 1454.1 | 1499.7 | 1548.4 | 1594.7 | 1650.4 | 1711.7 |
| 17.5° | 1071.8 | 1121.1 | 1195.7 | 1254.6 | 1311.9 | 1357.1 | 1413.6 | 1472.6 | 1527.2 | 1594.3 | 1662.6 |
| 20° | 996.3 | 1032.6 | 1083.2 | 1162.6 | 1248.9 | 1297.0 | 1354.6 | 1419.7 | 1482.1 | 1555.3 | 1628.5 |
| 22.5° | 935.7 | 968.0 | 1008.6 | 1070.5 | 1166.9 | 1232.5 | 1292.5 | 1358.6 | 1431.2 | 1505.8 | 1587.0 |
| 25° | 849.2 | 871.8 | 914.3 | 964.3 | 1030.7 | 1138.8 | 1204.5 | 1270.7 | 1349.6 | 1429.6 | 1522.2 |
| 27.5° | 784.4 | 804.6 | 832.3 | 880.1 | 929.3 | 1007.0 | 1111.4 | 1183.7 | 1262.3 | 1352.4 | 1448.4 |
| 30° | 734.8 | 758.6 | 789.2 | 823.0 | 876.8 | 937.5 | 1041.9 | 1125.7 | 1203.2 | 1295.8 | 1398.4 |
| 32.5° | 698.8 | 717.6 | 743.7 | 778.0 | 822.7 | 880.9 | 964.3 | 1066.1 | 1141.7 | 1239.3 | 1346.3 |
| 35° | 639.8 | 661.7 | 683.0 | 715.5 | 751.7 | 804.8 | 868.0 | 976.9 | 1051.9 | 1148.2 | 1255.7 |
| 37.5° | 591.1 | 604.5 | 628.0 | 653.7 | 692.0 | 731.7 | 786.5 | 884.0 | 965.3 | 1059.8 | 1169.9 |
| 40° | 554.1 | 571.0 | 588.5 | 617.3 | 648.6 | 686.6 | 740.5 | 813.0 | 906.2 | 998.7 | 1106.3 |
| 42.5° | 518.1 | 539.4 | 558.0 | 577.2 | 611.5 | 649.7 | 693.4 | 755.0 | 850.2 | 937.7 | 1042.3 |
| 45° | 474.7 | 488.4 | 507.8 | 529.0 | 557.2 | 589.7 | 628.5 | 682.3 | 773.6 | 849.2 | 947.4 |
| 47.5° | 424.1 | 444.3 | 456.9 | 477.7 | 504.4 | 535.5 | 571.5 | 618.0 | 691.9 | 762.8 | 853.9 |
| 50° | 389.6 | 410.3 | 428.4 | 447.1 | 470.9 | 501.0 | 530.9 | 576.0 | 635.4 | 709.8 | 794.8 |
| 52.5° | 360.1 | 378.2 | 395.9 | 414.6 | 437.9 | 465.4 | 493.9 | 533.5 | 584.4 | 652.8 | 735.4 |
| 55° | 319.6 | 330.8 | 348.9 | 367.7 | 388.3 | 414.6 | 442.1 | 475.3 | 519.1 | 576.6 | 643.6 |
| 57.5° | 278.1 | 291.1 | 305.5 | 324.3 | 345.3 | 365.3 | 390.1 | 420.1 | 454.7 | 506.7 | 564.0 |
| 60° | 254.5 | 264.6 | 276.4 | 295.8 | 315.2 | 333.3 | 357.1 | 382.1 | 414.6 | 459.7 | 508.4 |
| 62.5° | 228.5 | 238.0 | 248.9 | 265.8 | 284.6 | 301.3 | 322.1 | 348.6 | 376.1 | 417.2 | 459.9 |
| 65° | 185.1 | 198.9 | 209.5 | 224.5 | 240.2 | 257.7 | 273.9 | 295.2 | 319.6 | 352.1 | 390.2 |
| 67.5° | 153.4 | 160.5 | 170.3 | 184.0 | 200.0 | 215.0 | 230.4 | 247.0 | 268.2 | 293.3 | 323.6 |
| 70° | 139.5 | 141.9 | 143.8 | 156.9 | 172.0 | 187.0 | 201.3 | 217.0 | 235.2 | 255.8 | 282.0 |
| 72.5° | 122.9 | 125.5 | 127.8 | 133.5 | 145.4 | 160.5 | 175.3 | 187.0 | 204.2 | 221.2 | 242.5 |
| 75° | 97.6 | 101.3 | 103.2 | 106.3 | 110.7 | 120.7 | 134.5 | 145.7 | 155.7 | 168.8 | 185.8 |
| 77.5° | 74.3 | 76.4 | 78.4 | 81.7 | 84.5 | 89.1 | 96.8 | 107.0 | 116.3 | 123.9 | 135.5 |
| 80° | 58.8 | 59.4 | 61.9 | 63.2 | 66.9 | 70.0 | 73.8 | 81.9 | 91.3 | 94.4 | 102.5 |
| 82.5° | 44.3 | 44.9 | 46.9 | 48.2 | 49.9 | 52.5 | 57.3 | 59.4 | 66.8 | 70.9 | 76.1 |
| 85° | 24.4 | 23.8 | 25.6 | 25.6 | 26.9 | 28.2 | 29.4 | 32.5 | 34.4 | 39.4 | 40.6 |
| 87.5° | 9.2 | 9.1 | 9.5 | 9.3 | 9.1 | 10.1 | 10.4 | 10.7 | 11.5 | 12.8 | 14.6 |
| 90° | 8.5 | 8.0 | 7.4 | 6.6 | 5.9 | 5.2 | 4.3 | 3.4 | 2.4 | 1.4 | 0.4 |
| 92.5° | 9.6 | 9.3 | 9.0 | 8.7 | 8.3 | 7.9 | 7.8 | 7.8 | 7.9 | 8.0 | 8.1 |
| 95° | 16.1 | 15.7 | 15.1 | 14.4 | 13.9 | 13.2 | 14.3 | 17.3 | 20.3 | 23.2 | 26.2 |
| 97.5° | 21.4 | 21.0 | 19.6 | 18.1 | 16.7 | 15.3 | 18.7 | 27.0 | 35.3 | 43.6 | 51.9 |
| 100° | 23.7 | 23.0 | 21.4 | 19.9 | 18.4 | 16.9 | 22.2 | 34.5 | 46.8 | 59.0 | 71.4 |
| 102.5° | 24.5 | 23.6 | 36.4 | 49.1 | 61.8 | 74.6 | 82.2 | 84.8 | 87.4 | 90.0 | 92.6 |
| 105° | 25.5 | 24.6 | 49.0 | 73.4 | 97.9 | 122.3 | 133.2 | 130.5 | 127.8 | 125.2 | 122.4 |
| 107.5° | 33.4 | 34.4 | 63.7 | 93.0 | 122.3 | 151.7 | 165.2 | 163.1 | 160.9 | 158.7 | 156.6 |
| 110° | 61.5 | 70.5 | 96.3 | 122.2 | 148.1 | 174.0 | 186.0 | 184.1 | 182.2 | 180.3 | 178.4 |



TEST NUMBER: P331825-830

CATALOG NUMBER: S122RDIW-S865D435U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 145.2 | 177.9 | 184.2 | 190.6 | 197.0 | 203.4 | 205.8 | 204.1 | 202.5 | 200.8 | 199.1 |
| 115° | 207.1 | 248.5 | 246.3 | 244.1 | 241.9 | 239.6 | 237.7 | 236.2 | 234.7 | 233.2 | 231.7 |
| 117.5° | 265.3 | 275.3 | 273.8 | 272.2 | 270.7 | 269.2 | 267.5 | 265.8 | 264.1 | 262.4 | 260.7 |
| 120° | 296.3 | 295.3 | 293.7 | 292.1 | 290.5 | 288.9 | 287.4 | 286.1 | 284.6 | 283.3 | 282.0 |
| 122.5° | 315.0 | 314.3 | 312.5 | 310.8 | 309.1 | 307.3 | 305.7 | 304.3 | 302.8 | 301.4 | 300.0 |
| 125° | 341.0 | 340.4 | 338.7 | 337.1 | 335.4 | 333.6 | 332.2 | 331.0 | 329.9 | 328.7 | 327.5 |
| 127.5° | 364.9 | 363.9 | 362.7 | 361.4 | 360.1 | 358.8 | 357.6 | 356.3 | 355.0 | 353.7 | 352.4 |
| 130° | 380.0 | 379.1 | 378.1 | 377.1 | 376.2 | 375.1 | 373.9 | 372.5 | 371.1 | 369.7 | 368.3 |
| 132.5° | 395.1 | 394.3 | 393.2 | 392.3 | 391.2 | 390.3 | 389.2 | 388.0 | 386.7 | 385.5 | 384.4 |
| 135° | 416.2 | 415.4 | 414.5 | 413.8 | 412.9 | 412.1 | 411.0 | 409.5 | 408.1 | 406.7 | 405.3 |
| 137.5° | 435.9 | 435.1 | 434.1 | 433.3 | 432.3 | 431.4 | 430.5 | 429.5 | 428.5 | 427.4 | 426.5 |
| 140° | 448.7 | 448.0 | 447.0 | 446.0 | 445.1 | 444.0 | 443.2 | 442.4 | 441.8 | 441.0 | 440.4 |
| 142.5° | 460.6 | 459.9 | 458.7 | 457.6 | 456.5 | 455.4 | 454.5 | 453.8 | 453.2 | 452.6 | 451.9 |
| 145° | 477.2 | 476.5 | 475.0 | 473.5 | 472.0 | 470.5 | 469.8 | 469.9 | 470.0 | 470.0 | 470.1 |
| 147.5° | 491.7 | 491.3 | 489.7 | 488.2 | 486.7 | 485.2 | 484.7 | 485.0 | 485.3 | 485.7 | 486.0 |
| 150° | 500.5 | 499.9 | 498.5 | 497.1 | 495.7 | 494.2 | 493.8 | 494.5 | 495.0 | 495.7 | 496.3 |
| 152.5° | 508.5 | 508.0 | 506.6 | 505.3 | 503.9 | 502.6 | 502.2 | 502.9 | 503.6 | 504.4 | 505.0 |
| 155° | 519.4 | 518.9 | 517.8 | 516.7 | 515.7 | 514.6 | 514.4 | 515.3 | 516.0 | 516.9 | 517.6 |
| 157.5° | 528.5 | 527.9 | 527.2 | 526.4 | 525.7 | 524.9 | 524.9 | 525.6 | 526.2 | 526.9 | 527.5 |
| 160° | 534.0 | 533.4 | 532.8 | 532.3 | 531.8 | 531.2 | 531.2 | 531.8 | 532.3 | 532.8 | 533.4 |
| 162.5° | 538.9 | 538.2 | 537.7 | 537.2 | 536.8 | 536.4 | 536.4 | 537.0 | 537.4 | 538.0 | 538.6 |
| 165° | 544.9 | 544.2 | 544.0 | 543.8 | 543.5 | 543.2 | 543.3 | 543.8 | 544.4 | 545.0 | 545.4 |
| 167.5° | 550.0 | 549.3 | 549.1 | 548.8 | 548.6 | 548.4 | 548.5 | 549.0 | 549.6 | 550.1 | 550.6 |
| 170° | 552.5 | 552.0 | 551.8 | 551.6 | 551.4 | 551.2 | 551.4 | 552.0 | 552.4 | 553.0 | 553.6 |
| 172.5° | 554.5 | 553.8 | 553.6 | 553.5 | 553.3 | 553.2 | 553.3 | 553.8 | 554.4 | 555.0 | 555.4 |
| 175° | 556.6 | 555.9 | 555.7 | 555.6 | 555.4 | 555.3 | 555.4 | 556.1 | 556.7 | 557.3 | 558.0 |
| 177.5° | 556.9 | 556.4 | 556.4 | 556.3 | 556.2 | 556.1 | 556.4 | 556.9 | 557.3 | 557.9 | 558.4 |
| 180° | 556.8 | 556.8 | 556.8 | 556.8 | 556.8 | 556.8 | 556.8 | 556.8 | 556.8 | 556.8 | 556.8 |



TEST NUMBER: P331825-830

CATALOG NUMBER: S122RDIW-S865D435U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1799.9 | 1799.9 | 1799.9 | 1799.9 | 1799.9 | 1799.9 | 1799.9 | 1799.9 | 1799.9 | 1799.9 | 1799.9 |
| 2.5° | 1810.3 | 1811.8 | 1821.8 | 1826.4 | 1835.4 | 1838.9 | 1842.9 | 1841.9 | 1841.9 | 1843.9 | 1857.9 |
| 5° | 1814.2 | 1826.7 | 1845.5 | 1863.7 | 1881.1 | 1896.2 | 1906.2 | 1916.2 | 1920.0 | 1938.1 | 1954.4 |
| 7.5° | 1807.7 | 1830.8 | 1861.8 | 1889.4 | 1922.6 | 1948.4 | 1970.0 | 1989.3 | 2002.6 | 2029.0 | 2056.1 |
| 10° | 1799.2 | 1831.7 | 1866.8 | 1902.4 | 1948.0 | 1982.4 | 2017.5 | 2044.4 | 2053.1 | 2092.5 | 2115.1 |
| 12.5° | 1782.3 | 1825.7 | 1870.3 | 1916.5 | 1961.1 | 2008.5 | 2047.0 | 2073.9 | 2104.7 | 2140.0 | 2181.6 |
| 15° | 1756.7 | 1806.8 | 1864.9 | 1924.3 | 1988.1 | 2045.6 | 2086.9 | 2133.8 | 2167.6 | 2206.4 | 2242.6 |
| 17.5° | 1720.0 | 1784.5 | 1858.4 | 1927.2 | 2001.0 | 2062.8 | 2119.6 | 2164.5 | 2188.3 | 2210.5 | 2215.8 |
| 20° | 1691.0 | 1760.5 | 1847.4 | 1928.7 | 2002.5 | 2073.8 | 2130.1 | 2167.6 | 2173.9 | 2174.4 | 2141.4 |
| 22.5° | 1659.5 | 1738.0 | 1828.9 | 1912.1 | 2000.5 | 2079.8 | 2123.5 | 2139.6 | 2114.8 | 2072.4 | 2008.3 |
| 25° | 1601.6 | 1692.3 | 1798.0 | 1893.0 | 1989.3 | 2064.4 | 2079.4 | 2051.3 | 1964.4 | 1873.0 | 1757.4 |
| 27.5° | 1538.8 | 1640.8 | 1754.1 | 1859.7 | 1962.4 | 2008.8 | 1976.5 | 1875.0 | 1718.4 | 1582.3 | 1417.4 |
| 30° | 1492.8 | 1607.2 | 1718.5 | 1836.7 | 1931.8 | 1951.8 | 1877.5 | 1728.0 | 1545.3 | 1340.2 | 1175.7 |
| 32.5° | 1440.3 | 1560.2 | 1682.5 | 1804.8 | 1884.3 | 1864.7 | 1741.8 | 1557.8 | 1343.7 | 1142.1 | 986.7 |
| 35° | 1365.2 | 1489.0 | 1621.0 | 1743.6 | 1794.2 | 1709.8 | 1526.0 | 1286.4 | 1067.5 | 879.3 | 772.3 |
| 37.5° | 1278.6 | 1413.3 | 1550.6 | 1663.1 | 1659.5 | 1518.8 | 1268.4 | 1021.2 | 837.2 | 725.9 | 649.7 |
| 40° | 1217.0 | 1353.3 | 1501.6 | 1596.6 | 1555.9 | 1372.7 | 1101.3 | 868.0 | 733.6 | 644.8 | 589.1 |
| 42.5° | 1158.0 | 1294.8 | 1442.0 | 1517.6 | 1446.9 | 1221.6 | 951.2 | 768.5 | 657.5 | 588.2 | 543.1 |
| 45° | 1057.5 | 1202.0 | 1338.3 | 1380.3 | 1253.9 | 1005.6 | 769.2 | 636.7 | 562.9 | 511.5 | 480.3 |
| 47.5° | 959.3 | 1101.5 | 1225.9 | 1226.6 | 1055.7 | 815.5 | 648.9 | 551.0 | 488.0 | 448.3 | 425.6 |
| 50° | 899.3 | 1034.3 | 1138.8 | 1122.6 | 928.7 | 725.5 | 580.3 | 496.0 | 443.4 | 412.7 | 389.0 |
| 52.5° | 831.8 | 962.8 | 1053.3 | 1007.0 | 821.1 | 638.4 | 518.8 | 447.9 | 404.4 | 377.8 | 356.5 |
| 55° | 733.6 | 849.9 | 913.7 | 843.7 | 669.8 | 530.9 | 438.4 | 382.8 | 350.2 | 327.7 | 309.5 |
| 57.5° | 637.2 | 733.1 | 773.3 | 691.6 | 551.7 | 440.3 | 370.9 | 329.0 | 296.8 | 280.7 | 271.3 |
| 60° | 576.6 | 658.6 | 686.6 | 596.6 | 479.7 | 385.2 | 328.3 | 289.5 | 265.8 | 255.1 | 245.8 |
| 62.5° | 517.1 | 584.0 | 595.6 | 513.0 | 418.1 | 337.2 | 288.3 | 255.5 | 239.8 | 229.6 | 220.7 |
| 65° | 429.0 | 477.2 | 471.6 | 405.3 | 330.8 | 267.7 | 232.1 | 212.0 | 200.1 | 185.8 | 170.1 |
| 67.5° | 353.2 | 382.6 | 364.9 | 315.2 | 252.5 | 208.0 | 184.7 | 169.6 | 154.9 | 141.2 | 137.6 |
| 70° | 305.2 | 322.1 | 303.3 | 257.7 | 207.0 | 174.5 | 155.7 | 137.6 | 128.8 | 125.7 | 120.1 |
| 72.5° | 259.2 | 265.0 | 244.8 | 205.7 | 168.4 | 144.5 | 126.2 | 116.0 | 111.3 | 108.7 | 105.1 |
| 75° | 194.5 | 190.1 | 172.6 | 141.9 | 117.0 | 100.7 | 95.1 | 91.3 | 88.2 | 85.7 | 83.8 |
| 77.5° | 136.6 | 130.2 | 114.6 | 94.5 | 81.4 | 73.7 | 70.3 | 68.3 | 66.8 | 65.5 | 63.6 |
| 80° | 102.5 | 98.2 | 82.6 | 67.6 | 61.9 | 58.2 | 56.3 | 53.8 | 53.8 | 52.5 | 50.6 |
| 82.5° | 75.0 | 70.1 | 56.6 | 49.5 | 46.4 | 44.1 | 42.8 | 41.3 | 40.8 | 41.0 | 39.7 |
| 85° | 39.4 | 31.9 | 28.2 | 26.9 | 25.0 | 23.8 | 24.4 | 23.1 | 23.1 | 23.1 | 22.5 |
| 87.5° | 12.3 | 10.0 | 9.7 | 9.3 | 10.1 | 10.2 | 9.8 | 10.0 | 10.7 | 10.2 | 10.8 |
| 90° | 1.4 | 2.4 | 3.4 | 4.3 | 5.2 | 5.9 | 6.6 | 7.4 | 8.0 | 8.5 | 9.0 |
| 92.5° | 8.0 | 7.9 | 7.8 | 7.8 | 7.9 | 8.3 | 8.7 | 9.0 | 9.3 | 9.6 | 9.8 |
| 95° | 23.2 | 20.3 | 17.3 | 14.3 | 13.2 | 13.9 | 14.4 | 15.1 | 15.7 | 16.1 | 16.6 |
| 97.5° | 43.6 | 35.3 | 27.0 | 18.7 | 15.3 | 16.7 | 18.1 | 19.6 | 21.0 | 21.4 | 21.8 |
| 100° | 59.0 | 46.8 | 34.5 | 22.2 | 16.9 | 18.4 | 19.9 | 21.4 | 23.0 | 23.7 | 24.4 |
| 102.5° | 90.0 | 87.4 | 84.8 | 82.2 | 74.6 | 61.8 | 49.1 | 36.4 | 23.6 | 24.5 | 25.4 |
| 105° | 125.2 | 127.8 | 130.5 | 133.2 | 122.3 | 97.9 | 73.4 | 49.0 | 24.6 | 25.5 | 26.6 |
| 107.5° | 158.7 | 160.9 | 163.1 | 165.2 | 151.7 | 122.3 | 93.0 | 63.7 | 34.4 | 33.4 | 32.4 |
| 110° | 180.3 | 182.2 | 184.1 | 186.0 | 174.0 | 148.1 | 122.2 | 96.3 | 70.5 | 61.5 | 52.6 |



TEST NUMBER: P331825-830

CATALOG NUMBER: S122RDIW-S865D435U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 200.8 | 202.5 | 204.1 | 205.8 | 203.4 | 197.0 | 190.6 | 184.2 | 177.9 | 145.2 | 112.5 |
| 115° | 233.2 | 234.7 | 236.2 | 237.7 | 239.6 | 241.9 | 244.1 | 246.3 | 248.5 | 207.1 | 165.7 |
| 117.5° | 262.4 | 264.1 | 265.8 | 267.5 | 269.2 | 270.7 | 272.2 | 273.8 | 275.3 | 265.3 | 255.2 |
| 120° | 283.3 | 284.6 | 286.1 | 287.4 | 288.9 | 290.5 | 292.1 | 293.7 | 295.3 | 296.3 | 297.5 |
| 122.5° | 301.4 | 302.8 | 304.3 | 305.7 | 307.3 | 309.1 | 310.8 | 312.5 | 314.3 | 315.0 | 315.6 |
| 125° | 328.7 | 329.9 | 331.0 | 332.2 | 333.6 | 335.4 | 337.1 | 338.7 | 340.4 | 341.0 | 341.7 |
| 127.5° | 353.7 | 355.0 | 356.3 | 357.6 | 358.8 | 360.1 | 361.4 | 362.7 | 363.9 | 364.9 | 365.8 |
| 130° | 369.7 | 371.1 | 372.5 | 373.9 | 375.1 | 376.2 | 377.1 | 378.1 | 379.1 | 380.0 | 381.1 |
| 132.5° | 385.5 | 386.7 | 388.0 | 389.2 | 390.3 | 391.2 | 392.3 | 393.2 | 394.3 | 395.1 | 396.0 |
| 135° | 406.7 | 408.1 | 409.5 | 411.0 | 412.1 | 412.9 | 413.8 | 414.5 | 415.4 | 416.2 | 417.2 |
| 137.5° | 427.4 | 428.5 | 429.5 | 430.5 | 431.4 | 432.3 | 433.3 | 434.1 | 435.1 | 435.9 | 436.9 |
| 140° | 441.0 | 441.8 | 442.4 | 443.2 | 444.0 | 445.1 | 446.0 | 447.0 | 448.0 | 448.7 | 449.6 |
| 142.5° | 452.6 | 453.2 | 453.8 | 454.5 | 455.4 | 456.5 | 457.6 | 458.7 | 459.9 | 460.6 | 461.4 |
| 145° | 470.0 | 470.0 | 469.9 | 469.8 | 470.5 | 472.0 | 473.5 | 475.0 | 476.5 | 477.2 | 477.9 |
| 147.5° | 485.7 | 485.3 | 485.0 | 484.7 | 485.2 | 486.7 | 488.2 | 489.7 | 491.3 | 491.7 | 492.2 |
| 150° | 495.7 | 495.0 | 494.5 | 493.8 | 494.2 | 495.7 | 497.1 | 498.5 | 499.9 | 500.5 | 501.1 |
| 152.5° | 504.4 | 503.6 | 502.9 | 502.2 | 502.6 | 503.9 | 505.3 | 506.6 | 508.0 | 508.5 | 509.1 |
| 155° | 516.9 | 516.0 | 515.3 | 514.4 | 514.6 | 515.7 | 516.7 | 517.8 | 518.9 | 519.4 | 520.0 |
| 157.5° | 526.9 | 526.2 | 525.6 | 524.9 | 524.9 | 525.7 | 526.4 | 527.2 | 527.9 | 528.5 | 529.1 |
| 160° | 532.8 | 532.3 | 531.8 | 531.2 | 531.2 | 531.8 | 532.3 | 532.8 | 533.4 | 534.0 | 534.4 |
| 162.5° | 538.0 | 537.4 | 537.0 | 536.4 | 536.4 | 536.8 | 537.2 | 537.7 | 538.2 | 538.9 | 539.4 |
| 165° | 545.0 | 544.4 | 543.8 | 543.3 | 543.2 | 543.5 | 543.8 | 544.0 | 544.2 | 544.9 | 545.5 |
| 167.5° | 550.1 | 549.6 | 549.0 | 548.5 | 548.4 | 548.6 | 548.8 | 549.1 | 549.3 | 550.0 | 550.6 |
| 170° | 553.0 | 552.4 | 552.0 | 551.4 | 551.2 | 551.4 | 551.6 | 551.8 | 552.0 | 552.5 | 553.2 |
| 172.5° | 555.0 | 554.4 | 553.8 | 553.3 | 553.2 | 553.3 | 553.5 | 553.6 | 553.8 | 554.5 | 555.1 |
| 175° | 557.3 | 556.7 | 556.1 | 555.4 | 555.3 | 555.4 | 555.6 | 555.7 | 555.9 | 556.6 | 557.2 |
| 177.5° | 557.9 | 557.3 | 556.9 | 556.4 | 556.1 | 556.2 | 556.3 | 556.4 | 556.4 | 556.9 | 557.4 |
| 180° | 556.8 | 556.8 | 556.8 | 556.8 | 556.8 | 556.8 | 556.8 | 556.8 | 556.8 | 556.8 | 556.8 |



TEST NUMBER: P331825-830

CATALOG NUMBER: S122RDIW-S865D435U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1799.9 | 1799.9 | 1799.9 | 1799.9 | 1799.9 | 1799.9 | 1799.9 |
| 2.5° | 1862.9 | 1869.4 | 1872.4 | 1872.4 | 1875.9 | 1874.4 | 1872.9 |
| 5° | 1970.0 | 1981.9 | 1984.3 | 1995.6 | 2003.8 | 2001.2 | 2002.5 |
| 7.5° | 2076.4 | 2095.6 | 2114.4 | 2123.1 | 2124.4 | 2129.4 | 2131.3 |
| 10° | 2141.9 | 2157.6 | 2187.0 | 2182.6 | 2204.5 | 2217.0 | 2196.3 |
| 12.5° | 2205.0 | 2226.1 | 2246.6 | 2252.1 | 2264.6 | 2268.5 | 2260.4 |
| 15° | 2262.0 | 2273.3 | 2274.5 | 2271.4 | 2275.1 | 2272.0 | 2260.1 |
| 17.5° | 2208.8 | 2190.5 | 2153.4 | 2135.9 | 2122.0 | 2101.6 | 2093.3 |
| 20° | 2120.7 | 2066.9 | 2004.3 | 1979.3 | 1949.9 | 1892.4 | 1906.2 |
| 22.5° | 1930.6 | 1869.3 | 1806.8 | 1733.7 | 1698.8 | 1644.3 | 1641.0 |
| 25° | 1634.7 | 1529.1 | 1412.8 | 1331.4 | 1283.9 | 1229.5 | 1205.7 |
| 27.5° | 1271.0 | 1137.9 | 1042.6 | 994.4 | 950.5 | 907.3 | 905.6 |
| 30° | 1031.9 | 931.8 | 858.0 | 816.7 | 789.9 | 771.8 | 775.5 |
| 32.5° | 869.8 | 801.3 | 751.5 | 717.2 | 697.3 | 683.6 | 683.4 |
| 35° | 711.1 | 664.1 | 632.3 | 617.8 | 603.5 | 593.5 | 594.1 |
| 37.5° | 608.5 | 580.3 | 562.6 | 546.7 | 537.7 | 532.8 | 530.1 |
| 40° | 556.0 | 532.8 | 519.1 | 509.7 | 502.2 | 495.3 | 494.1 |
| 42.5° | 514.4 | 495.3 | 481.5 | 474.2 | 467.1 | 462.3 | 461.0 |
| 45° | 456.6 | 440.9 | 428.4 | 420.3 | 417.2 | 412.7 | 412.7 |
| 47.5° | 406.1 | 390.8 | 381.0 | 375.9 | 370.5 | 367.6 | 367.5 |
| 50° | 372.1 | 360.2 | 351.5 | 348.4 | 343.9 | 342.0 | 341.5 |
| 52.5° | 341.6 | 332.7 | 326.5 | 324.3 | 322.4 | 320.1 | 320.5 |
| 55° | 300.2 | 295.2 | 292.7 | 290.8 | 287.7 | 283.9 | 286.4 |
| 57.5° | 265.3 | 261.0 | 254.3 | 248.4 | 245.5 | 242.9 | 243.9 |
| 60° | 240.8 | 232.1 | 223.3 | 216.4 | 214.5 | 208.9 | 208.9 |
| 62.5° | 209.7 | 197.5 | 186.7 | 182.9 | 181.0 | 178.3 | 177.9 |
| 65° | 161.4 | 156.4 | 153.8 | 151.4 | 150.1 | 150.1 | 148.8 |
| 67.5° | 133.7 | 131.7 | 128.9 | 128.4 | 127.1 | 126.7 | 126.3 |
| 70° | 118.2 | 115.6 | 114.4 | 113.9 | 112.5 | 113.2 | 111.3 |
| 72.5° | 103.2 | 101.2 | 100.9 | 99.3 | 98.6 | 98.7 | 97.3 |
| 75° | 81.3 | 81.3 | 80.7 | 80.0 | 78.8 | 78.1 | 78.8 |
| 77.5° | 62.6 | 62.7 | 61.5 | 61.5 | 61.3 | 61.5 | 60.8 |
| 80° | 50.0 | 50.6 | 50.0 | 49.4 | 48.8 | 49.4 | 48.8 |
| 82.5° | 39.5 | 38.6 | 38.5 | 38.4 | 38.3 | 37.9 | 37.8 |
| 85° | 22.5 | 23.1 | 22.5 | 21.9 | 21.9 | 21.9 | 22.5 |
| 87.5° | 10.4 | 10.5 | 10.6 | 10.6 | 10.7 | 10.7 | 10.2 |
| 90° | 9.4 | 9.8 | 10.2 | 10.4 | 10.6 | 10.7 | 10.8 |
| 92.5° | 10.1 | 10.3 | 10.5 | 10.6 | 10.7 | 10.7 | 10.8 |
| 95° | 17.1 | 17.5 | 17.7 | 17.6 | 17.5 | 17.4 | 17.3 |
| 97.5° | 22.1 | 22.4 | 22.7 | 22.8 | 22.9 | 23.0 | 23.1 |
| 100° | 25.1 | 25.8 | 26.3 | 26.5 | 26.7 | 26.8 | 27.0 |
| 102.5° | 26.4 | 27.3 | 27.9 | 28.2 | 28.5 | 28.7 | 28.9 |
| 105° | 27.5 | 28.6 | 29.2 | 29.5 | 29.9 | 30.3 | 30.6 |
| 107.5° | 31.4 | 30.3 | 30.1 | 30.4 | 30.8 | 31.1 | 31.5 |
| 110° | 43.6 | 34.7 | 30.3 | 30.7 | 31.1 | 31.5 | 31.9 |



TEST NUMBER: P331825-830

CATALOG NUMBER: S122RDIW-S865D435U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 79.8 | 47.2 | 31.0 | 31.3 | 31.6 | 31.9 | 32.1 |
| 115° | 124.2 | 82.8 | 58.8 | 52.4 | 45.9 | 39.5 | 33.0 |
| 117.5° | 245.2 | 235.2 | 219.6 | 198.4 | 177.2 | 156.1 | 134.9 |
| 120° | 298.5 | 299.6 | 294.1 | 282.0 | 269.9 | 257.8 | 245.7 |
| 122.5° | 316.2 | 316.9 | 316.0 | 313.7 | 311.3 | 309.0 | 306.6 |
| 125° | 342.3 | 342.9 | 343.4 | 343.7 | 343.9 | 344.2 | 344.4 |
| 127.5° | 366.6 | 367.6 | 368.1 | 368.2 | 368.2 | 368.3 | 368.3 |
| 130° | 382.0 | 383.0 | 383.5 | 383.4 | 383.3 | 383.2 | 383.1 |
| 132.5° | 396.7 | 397.6 | 397.9 | 397.8 | 397.8 | 397.8 | 397.7 |
| 135° | 418.0 | 419.0 | 419.2 | 419.1 | 419.0 | 418.8 | 418.6 |
| 137.5° | 437.7 | 438.6 | 438.8 | 438.6 | 438.3 | 438.0 | 437.6 |
| 140° | 450.4 | 451.2 | 451.4 | 450.9 | 450.4 | 450.1 | 449.6 |
| 142.5° | 462.1 | 462.9 | 463.0 | 462.5 | 462.1 | 461.7 | 461.2 |
| 145° | 478.4 | 479.1 | 479.2 | 478.7 | 478.2 | 477.9 | 477.4 |
| 147.5° | 492.7 | 493.1 | 493.1 | 492.8 | 492.4 | 492.0 | 491.6 |
| 150° | 501.5 | 502.1 | 502.2 | 501.7 | 501.2 | 500.8 | 500.4 |
| 152.5° | 509.6 | 510.2 | 510.1 | 509.5 | 509.0 | 508.3 | 507.7 |
| 155° | 520.5 | 521.0 | 520.9 | 520.2 | 519.5 | 518.8 | 518.1 |
| 157.5° | 529.7 | 530.4 | 530.3 | 529.6 | 528.9 | 528.2 | 527.5 |
| 160° | 535.0 | 535.6 | 535.5 | 534.9 | 534.2 | 533.6 | 533.0 |
| 162.5° | 540.1 | 540.6 | 540.5 | 539.8 | 539.0 | 538.3 | 537.5 |
| 165° | 546.1 | 546.8 | 546.8 | 546.1 | 545.5 | 544.9 | 544.2 |
| 167.5° | 551.2 | 551.9 | 551.8 | 550.9 | 550.2 | 549.3 | 548.6 |
| 170° | 553.8 | 554.4 | 554.3 | 553.6 | 552.7 | 552.0 | 551.1 |
| 172.5° | 555.7 | 556.4 | 556.3 | 555.4 | 554.7 | 553.8 | 553.1 |
| 175° | 557.8 | 558.5 | 558.4 | 557.4 | 556.6 | 555.6 | 554.8 |
| 177.5° | 557.9 | 558.5 | 558.4 | 557.7 | 557.0 | 556.4 | 555.8 |
| 180° | 556.8 | 556.8 | 556.8 | 556.8 | 556.8 | 556.8 | 556.8 |

(END OF REPORT)