

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: P331705

Luminaire Tested: **S122RDIP-S865D330U835-4F0-1E-UDD-A**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P331705
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-2,
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: S122RDIP-S865D330U835-4F0-1E-UDD-A
Description: DEFINE 2 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 865 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING
UPLIGHT 330 LUMENS PER FOOT, NO LENS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4610.8 lumens
Efficiency: N/A
Efficacy: 106.0 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: Semi-Direct

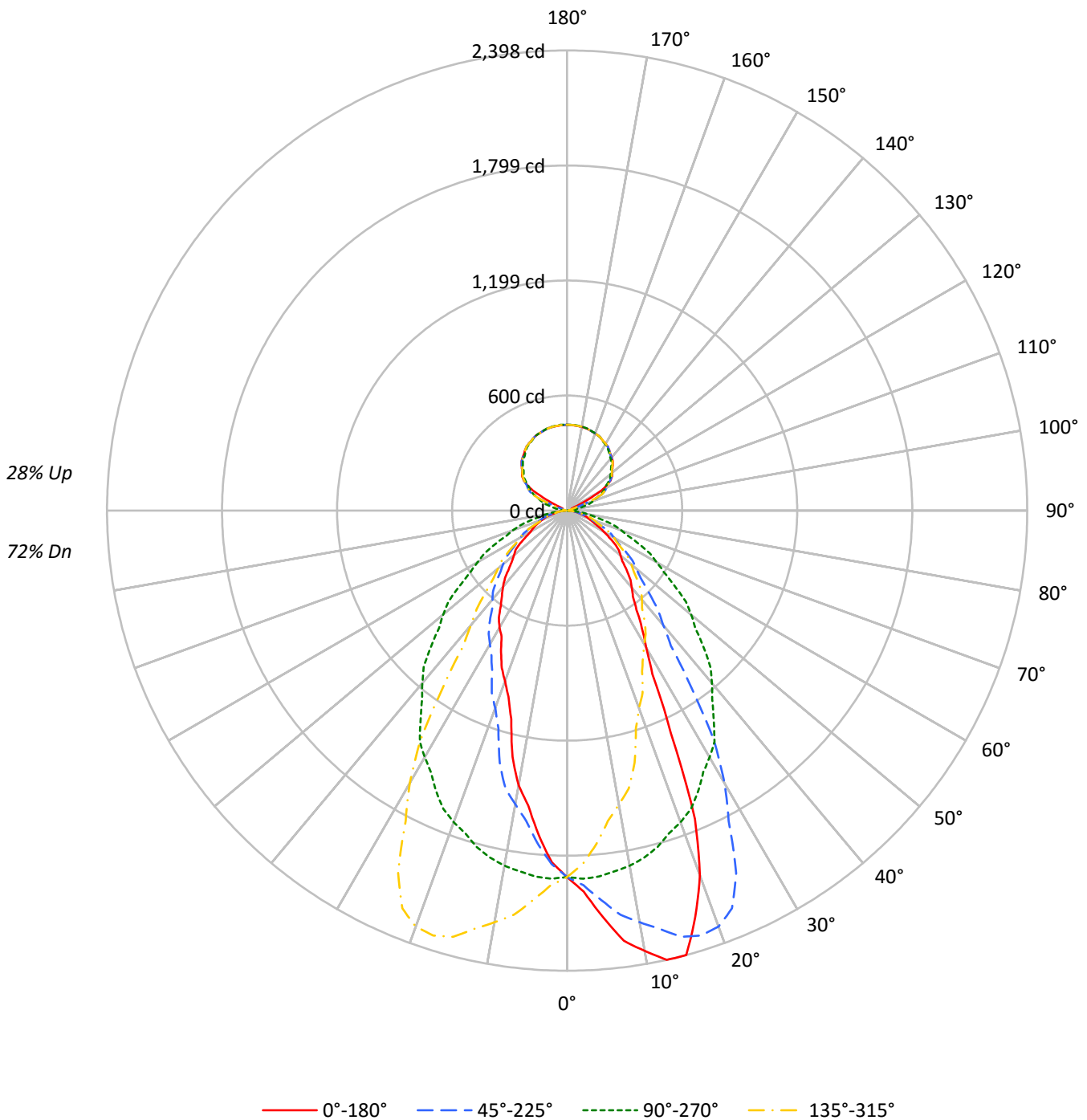
Input Watts (W): 43.5
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P331705

CATALOG NUMBER: S122RDIP-S865D330U835-4F0-1E-UDD-A

Luminous Intensity Polar Plot





TEST NUMBER: P331705

CATALOG NUMBER: S122RDIP-S865D330U835-4F0-1E-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 | 112 | 112 | 112 | 112 | 106 | 106 | 106 | 106 | 95 | 95 | 95 | 85 | 85 | 85 | 76 | 76 | 76 | 72 |
| 1 | 104 | 100 | 96 | 93 | 98 | 95 | 92 | 89 | 85 | 83 | 81 | 77 | 75 | 73 | 69 | 68 | 66 | 63 |
| 2 | 95 | 88 | 83 | 78 | 90 | 84 | 79 | 75 | 76 | 72 | 69 | 69 | 66 | 63 | 62 | 60 | 58 | 54 |
| 3 | 88 | 79 | 72 | 66 | 83 | 75 | 69 | 64 | 68 | 63 | 59 | 62 | 58 | 55 | 56 | 53 | 51 | 47 |
| 4 | 81 | 71 | 63 | 57 | 77 | 68 | 61 | 56 | 62 | 56 | 52 | 56 | 52 | 48 | 51 | 48 | 45 | 42 |
| 5 | 75 | 64 | 56 | 50 | 71 | 61 | 54 | 49 | 56 | 50 | 46 | 51 | 46 | 43 | 47 | 43 | 40 | 37 |
| 6 | 70 | 58 | 50 | 45 | 66 | 56 | 49 | 43 | 51 | 45 | 41 | 47 | 42 | 38 | 43 | 39 | 36 | 33 |
| 7 | 65 | 53 | 45 | 40 | 62 | 51 | 44 | 39 | 47 | 41 | 37 | 43 | 38 | 35 | 40 | 36 | 32 | 30 |
| 8 | 61 | 49 | 41 | 36 | 58 | 47 | 40 | 35 | 43 | 37 | 33 | 40 | 35 | 31 | 37 | 33 | 30 | 28 |
| 9 | 57 | 45 | 38 | 33 | 54 | 43 | 37 | 32 | 40 | 34 | 30 | 37 | 32 | 29 | 34 | 30 | 27 | 25 |
| 10 | 53 | 42 | 35 | 30 | 51 | 40 | 34 | 29 | 37 | 32 | 28 | 35 | 30 | 26 | 32 | 28 | 25 | 23 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 30832 | 30832 | 30832 | 30832 |
| 5° | 34434 | 31024 | 27509 | 31024 |
| 10° | 38203 | 30808 | 23845 | 30808 |
| 15° | 40082 | 30355 | 18788 | 30355 |
| 20° | 34749 | 29687 | 16258 | 29687 |
| 25° | 22789 | 28771 | 14516 | 28771 |
| 30° | 15340 | 27660 | 13136 | 27660 |
| 35° | 12423 | 26260 | 11848 | 26260 |
| 40° | 11049 | 24738 | 10964 | 24738 |
| 45° | 9999 | 22952 | 9787 | 22952 |
| 50° | 9100 | 21182 | 9065 | 21182 |
| 55° | 8555 | 19220 | 8442 | 19220 |
| 60° | 7156 | 17418 | 7072 | 17418 |
| 65° | 6032 | 15817 | 6842 | 15817 |
| 70° | 5575 | 14124 | 6453 | 14124 |
| 75° | 5215 | 12296 | 5958 | 12296 |
| 80° | 4816 | 10116 | 5309 | 10116 |
| 85° | 4428 | 7984 | 4668 | 7984 |



TEST NUMBER: P331705

CATALOG NUMBER: S122RDIP-S865D330U835-4F0-1E-UDD-A

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 181.0 | 3.9 |
| 10°-20° | 504.4 | 10.9 |
| 20°-30° | 650.0 | 14.1 |
| 30°-40° | 617.7 | 13.4 |
| 40°-50° | 529.1 | 11.5 |
| 50°-60° | 402.9 | 8.7 |
| 60°-70° | 254.7 | 5.5 |
| 70°-80° | 127.2 | 2.8 |
| 80°-90° | 34.2 | 0.7 |
| 90°-100° | 14.9 | 0.3 |
| 100°-110° | 54.7 | 1.2 |
| 110°-120° | 146.1 | 3.2 |
| 120°-130° | 241.2 | 5.2 |
| 130°-140° | 256.5 | 5.6 |
| 140°-150° | 238.4 | 5.2 |
| 150°-160° | 191.7 | 4.2 |
| 160°-170° | 123.5 | 2.7 |
| 170°-180° | 42.5 | 0.9 |
| 0°-30° | 1335.4 | 29.0 |
| 0°-40° | 1953.1 | 42.4 |
| 0°-60° | 2885.1 | 62.6 |
| 0°-90° | 3301.3 | 71.6 |
| 90°-120° | 215.7 | 4.7 |
| 90°-150° | 951.8 | 20.6 |
| 90°-180° | 1309.0 | 28.4 |
| 0°-180° | 4610.8 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 1910 | 1910 | 1910 | 1910 | 1910 | |
| 5° | 2125 | 1914 | 1697 | 1914 | 2125 | 210 |
| 15° | 2398 | 1816 | 1124 | 1816 | 2398 | 647 |
| 25° | 1279 | 1615 | 815 | 1615 | 1279 | 607 |
| 35° | 630 | 1332 | 601 | 1332 | 630 | 403 |
| 45° | 438 | 1005 | 429 | 1005 | 438 | 339 |
| 55° | 304 | 683 | 300 | 683 | 304 | 267 |
| 65° | 158 | 414 | 179 | 414 | 158 | 161 |
| 75° | 84 | 197 | 96 | 197 | 84 | 89 |
| 85° | 24 | 43 | 25 | 43 | 24 | 26 |
| 90° | 9 | 0 | 9 | 0 | 9 | 5 |
| 95° | 14 | 21 | 14 | 21 | 14 | 13 |
| 105° | 25 | 98 | 25 | 98 | 25 | 26 |
| 115° | 26 | 186 | 26 | 186 | 26 | 66 |
| 125° | 276 | 263 | 276 | 263 | 276 | 239 |
| 135° | 336 | 325 | 336 | 325 | 336 | 259 |
| 145° | 383 | 377 | 383 | 377 | 383 | 240 |
| 155° | 416 | 416 | 416 | 416 | 416 | 192 |
| 165° | 437 | 438 | 437 | 438 | 437 | 123 |
| 175° | 445 | 448 | 445 | 448 | 445 | 42 |
| 180° | 447 | 447 | 447 | 447 | 447 | |



TEST NUMBER: P331705

CATALOG NUMBER: S122RDIP-S865D330U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1909.6 | 1909.6 | 1909.6 | 1909.6 | 1909.6 | 1909.6 | 1909.6 | 1909.6 | 1909.6 | 1909.6 | 1909.6 |
| 2.5° | 1987.1 | 1988.7 | 1990.3 | 1986.5 | 1986.5 | 1983.4 | 1976.5 | 1971.2 | 1956.3 | 1954.2 | 1954.2 |
| 5° | 2124.6 | 2123.2 | 2125.9 | 2117.3 | 2105.3 | 2102.7 | 2090.1 | 2073.5 | 2056.2 | 2037.0 | 2033.0 |
| 7.5° | 2261.2 | 2259.2 | 2253.9 | 2252.5 | 2243.3 | 2223.3 | 2203.0 | 2181.4 | 2152.7 | 2124.7 | 2110.6 |
| 10° | 2330.2 | 2352.1 | 2338.9 | 2315.6 | 2320.3 | 2289.1 | 2272.5 | 2244.0 | 2220.1 | 2178.3 | 2169.0 |
| 12.5° | 2398.2 | 2406.8 | 2402.6 | 2389.4 | 2383.5 | 2361.8 | 2339.4 | 2314.6 | 2270.5 | 2233.0 | 2200.3 |
| 15° | 2397.9 | 2410.5 | 2413.8 | 2409.9 | 2413.2 | 2411.9 | 2399.9 | 2379.3 | 2340.9 | 2299.7 | 2263.9 |
| 17.5° | 2220.9 | 2229.7 | 2251.4 | 2266.1 | 2284.7 | 2324.0 | 2343.4 | 2350.9 | 2345.2 | 2321.7 | 2296.5 |
| 20° | 2022.4 | 2007.8 | 2068.8 | 2100.0 | 2126.5 | 2192.9 | 2250.0 | 2271.9 | 2307.0 | 2306.4 | 2299.7 |
| 22.5° | 1741.0 | 1744.5 | 1802.4 | 1839.4 | 1916.9 | 1983.2 | 2048.3 | 2130.7 | 2198.7 | 2243.7 | 2270.0 |
| 25° | 1279.2 | 1304.5 | 1362.2 | 1412.6 | 1498.9 | 1622.3 | 1734.4 | 1864.5 | 1987.2 | 2084.1 | 2176.3 |
| 27.5° | 960.8 | 962.6 | 1008.4 | 1055.0 | 1106.2 | 1207.3 | 1348.5 | 1503.8 | 1678.8 | 1823.2 | 1989.3 |
| 30° | 822.8 | 818.8 | 838.0 | 866.5 | 910.3 | 988.6 | 1094.8 | 1247.4 | 1421.9 | 1639.5 | 1833.3 |
| 32.5° | 725.1 | 725.3 | 739.8 | 760.9 | 797.3 | 850.1 | 922.8 | 1046.8 | 1211.7 | 1425.6 | 1652.8 |
| 35° | 630.3 | 629.7 | 640.3 | 655.5 | 670.8 | 704.6 | 754.4 | 819.4 | 932.9 | 1132.6 | 1364.8 |
| 37.5° | 562.4 | 565.3 | 570.5 | 580.0 | 596.9 | 615.7 | 645.6 | 689.3 | 770.1 | 888.2 | 1083.4 |
| 40° | 524.2 | 525.5 | 532.8 | 540.8 | 550.7 | 565.3 | 589.9 | 625.0 | 684.1 | 778.3 | 920.9 |
| 42.5° | 489.1 | 490.5 | 495.6 | 503.1 | 510.9 | 525.5 | 545.8 | 576.2 | 624.1 | 697.6 | 815.3 |
| 45° | 437.9 | 437.9 | 442.6 | 445.9 | 454.5 | 467.8 | 484.4 | 509.6 | 542.7 | 597.2 | 675.5 |
| 47.5° | 389.9 | 390.0 | 393.1 | 398.8 | 404.2 | 414.6 | 430.9 | 451.5 | 475.6 | 517.7 | 584.6 |
| 50° | 362.3 | 362.9 | 364.9 | 369.6 | 372.9 | 382.2 | 394.8 | 412.7 | 437.9 | 470.4 | 526.2 |
| 52.5° | 340.0 | 339.6 | 342.1 | 344.1 | 346.4 | 353.0 | 362.4 | 378.2 | 400.8 | 429.0 | 475.2 |
| 55° | 303.9 | 301.2 | 305.2 | 308.5 | 310.5 | 313.2 | 318.5 | 328.4 | 347.7 | 371.6 | 406.1 |
| 57.5° | 258.8 | 257.7 | 260.5 | 263.5 | 269.8 | 276.9 | 281.5 | 287.8 | 297.8 | 314.9 | 349.1 |
| 60° | 221.6 | 221.6 | 227.6 | 229.6 | 236.9 | 246.2 | 255.5 | 260.8 | 270.7 | 282.0 | 307.2 |
| 62.5° | 188.7 | 189.2 | 192.0 | 194.0 | 198.1 | 209.5 | 222.5 | 234.2 | 243.6 | 254.4 | 271.1 |
| 65° | 157.9 | 159.2 | 159.2 | 160.6 | 163.2 | 165.9 | 171.2 | 180.5 | 197.1 | 212.3 | 224.9 |
| 67.5° | 134.0 | 134.4 | 134.8 | 136.2 | 136.8 | 139.7 | 141.9 | 146.0 | 149.8 | 164.3 | 179.9 |
| 70° | 118.1 | 120.1 | 119.4 | 120.8 | 121.4 | 122.7 | 125.4 | 127.4 | 133.4 | 136.7 | 146.0 |
| 72.5° | 103.2 | 104.7 | 104.6 | 105.4 | 107.1 | 107.4 | 109.5 | 111.5 | 115.3 | 118.1 | 123.1 |
| 75° | 83.6 | 82.9 | 83.6 | 84.9 | 85.6 | 86.3 | 86.3 | 88.9 | 90.9 | 93.6 | 96.9 |
| 77.5° | 64.5 | 65.2 | 65.0 | 65.2 | 65.3 | 66.5 | 66.4 | 67.5 | 69.5 | 70.9 | 72.5 |
| 80° | 51.8 | 52.4 | 51.8 | 52.4 | 53.1 | 53.7 | 53.1 | 53.7 | 55.7 | 57.1 | 57.1 |
| 82.5° | 40.1 | 40.2 | 40.6 | 40.7 | 40.9 | 41.0 | 41.9 | 42.1 | 43.5 | 43.3 | 43.8 |
| 85° | 23.9 | 23.2 | 23.2 | 23.2 | 23.9 | 24.5 | 23.9 | 23.9 | 24.5 | 24.5 | 24.5 |
| 87.5° | 10.2 | 10.7 | 10.7 | 10.7 | 10.7 | 10.6 | 10.5 | 11.0 | 10.4 | 10.8 | 10.2 |
| 90° | 8.7 | 8.6 | 8.4 | 8.3 | 8.2 | 7.9 | 7.5 | 7.2 | 6.8 | 6.5 | 5.9 |
| 92.5° | 8.7 | 8.6 | 8.6 | 8.5 | 8.4 | 8.2 | 8.1 | 7.9 | 7.7 | 7.5 | 7.2 |
| 95° | 13.9 | 14.0 | 14.0 | 14.1 | 14.2 | 14.0 | 13.7 | 13.3 | 13.0 | 12.6 | 12.1 |
| 97.5° | 18.6 | 18.5 | 18.4 | 18.3 | 18.2 | 18.0 | 17.7 | 17.5 | 17.2 | 16.9 | 15.7 |
| 100° | 21.7 | 21.5 | 21.4 | 21.2 | 21.1 | 20.7 | 20.2 | 19.6 | 19.0 | 18.4 | 17.2 |
| 102.5° | 23.2 | 23.0 | 22.8 | 22.6 | 22.4 | 21.9 | 21.2 | 20.4 | 19.7 | 18.9 | 29.2 |
| 105° | 24.6 | 24.3 | 24.0 | 23.7 | 23.4 | 22.9 | 22.1 | 21.3 | 20.5 | 19.7 | 39.3 |
| 107.5° | 25.3 | 25.0 | 24.7 | 24.4 | 24.1 | 24.4 | 25.2 | 26.0 | 26.8 | 27.6 | 51.1 |
| 110° | 25.5 | 25.3 | 25.0 | 24.7 | 24.4 | 27.8 | 35.0 | 42.2 | 49.4 | 56.6 | 77.3 |



TEST NUMBER: P331705

CATALOG NUMBER: S122RDIP-S865D330U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 25.8 | 25.6 | 25.3 | 25.1 | 24.9 | 37.9 | 64.1 | 90.3 | 116.5 | 142.7 | 147.8 |
| 115° | 26.5 | 31.7 | 36.9 | 42.0 | 47.2 | 66.4 | 99.7 | 133.0 | 166.2 | 199.5 | 197.7 |
| 117.5° | 108.3 | 125.3 | 142.3 | 159.3 | 176.3 | 188.8 | 196.8 | 204.9 | 212.9 | 221.0 | 219.7 |
| 120° | 197.2 | 206.9 | 216.6 | 226.3 | 236.0 | 240.4 | 239.6 | 238.7 | 237.9 | 237.0 | 235.7 |
| 122.5° | 246.1 | 248.0 | 249.9 | 251.8 | 253.6 | 254.3 | 253.8 | 253.3 | 252.8 | 252.3 | 250.9 |
| 125° | 276.4 | 276.2 | 276.0 | 275.8 | 275.6 | 275.2 | 274.7 | 274.2 | 273.7 | 273.2 | 271.8 |
| 127.5° | 295.6 | 295.5 | 295.5 | 295.5 | 295.4 | 295.0 | 294.3 | 293.6 | 292.8 | 292.1 | 291.1 |
| 130° | 307.5 | 307.6 | 307.6 | 307.7 | 307.8 | 307.4 | 306.6 | 305.8 | 305.0 | 304.3 | 303.5 |
| 132.5° | 319.1 | 319.2 | 319.3 | 319.3 | 319.4 | 319.1 | 318.4 | 317.8 | 317.1 | 316.4 | 315.6 |
| 135° | 335.9 | 336.1 | 336.2 | 336.4 | 336.5 | 336.2 | 335.5 | 334.8 | 334.1 | 333.4 | 332.7 |
| 137.5° | 351.3 | 351.5 | 351.8 | 352.0 | 352.2 | 352.0 | 351.3 | 350.6 | 349.9 | 349.2 | 348.5 |
| 140° | 360.8 | 361.2 | 361.6 | 361.9 | 362.3 | 362.1 | 361.5 | 360.8 | 360.2 | 359.5 | 358.8 |
| 142.5° | 370.1 | 370.5 | 370.9 | 371.2 | 371.6 | 371.5 | 370.9 | 370.3 | 369.7 | 369.1 | 368.2 |
| 145° | 383.1 | 383.5 | 383.9 | 384.2 | 384.6 | 384.5 | 384.0 | 383.5 | 383.0 | 382.5 | 381.3 |
| 147.5° | 394.6 | 394.9 | 395.2 | 395.5 | 395.8 | 395.8 | 395.4 | 395.0 | 394.6 | 394.3 | 393.1 |
| 150° | 401.6 | 401.9 | 402.3 | 402.7 | 403.0 | 403.0 | 402.5 | 402.1 | 401.7 | 401.3 | 400.1 |
| 152.5° | 407.5 | 408.0 | 408.5 | 408.9 | 409.4 | 409.4 | 409.0 | 408.6 | 408.1 | 407.7 | 406.6 |
| 155° | 415.8 | 416.4 | 417.0 | 417.5 | 418.1 | 418.2 | 417.7 | 417.3 | 416.9 | 416.4 | 415.6 |
| 157.5° | 423.4 | 423.9 | 424.5 | 425.0 | 425.6 | 425.6 | 425.2 | 424.7 | 424.2 | 423.7 | 423.1 |
| 160° | 427.8 | 428.3 | 428.8 | 429.3 | 429.8 | 429.8 | 429.4 | 429.0 | 428.5 | 428.1 | 427.7 |
| 162.5° | 431.4 | 432.0 | 432.6 | 433.2 | 433.9 | 433.9 | 433.4 | 432.9 | 432.5 | 432.0 | 431.6 |
| 165° | 436.8 | 437.3 | 437.8 | 438.3 | 438.8 | 438.8 | 438.3 | 437.8 | 437.3 | 436.8 | 436.6 |
| 167.5° | 440.2 | 440.9 | 441.5 | 442.2 | 442.8 | 442.9 | 442.4 | 441.9 | 441.4 | 440.9 | 440.7 |
| 170° | 442.3 | 443.0 | 443.6 | 444.3 | 444.9 | 445.0 | 444.5 | 444.0 | 443.5 | 443.0 | 442.8 |
| 172.5° | 443.9 | 444.5 | 445.2 | 445.8 | 446.5 | 446.5 | 446.0 | 445.5 | 445.0 | 444.5 | 444.4 |
| 175° | 445.2 | 445.9 | 446.7 | 447.4 | 448.1 | 448.2 | 447.7 | 447.2 | 446.7 | 446.2 | 446.1 |
| 177.5° | 446.1 | 446.6 | 447.1 | 447.6 | 448.1 | 448.2 | 447.8 | 447.4 | 447.0 | 446.6 | 446.5 |
| 180° | 446.8 | 446.8 | 446.8 | 446.8 | 446.8 | 446.8 | 446.8 | 446.8 | 446.8 | 446.8 | 446.8 |



TEST NUMBER: P331705

CATALOG NUMBER: S122RDIP-S865D330U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1909.6 | 1909.6 | 1909.6 | 1909.6 | 1909.6 | 1909.6 | 1909.6 | 1909.6 | 1909.6 | 1909.6 | 1909.6 |
| 2.5° | 1955.2 | 1951.0 | 1947.3 | 1937.7 | 1932.9 | 1922.3 | 1920.7 | 1920.2 | 1906.4 | 1893.1 | 1889.4 |
| 5° | 2022.4 | 2011.8 | 1995.8 | 1977.3 | 1958.0 | 1938.1 | 1924.8 | 1914.2 | 1887.7 | 1862.5 | 1847.9 |
| 7.5° | 2090.1 | 2067.2 | 2039.8 | 2004.6 | 1975.3 | 1942.4 | 1917.9 | 1896.0 | 1858.4 | 1822.3 | 1798.0 |
| 10° | 2140.5 | 2103.3 | 2066.8 | 2018.4 | 1980.6 | 1943.4 | 1908.9 | 1879.1 | 1836.6 | 1788.8 | 1755.0 |
| 12.5° | 2171.8 | 2130.9 | 2080.6 | 2033.3 | 1984.3 | 1937.0 | 1890.9 | 1852.5 | 1802.6 | 1753.3 | 1713.0 |
| 15° | 2214.1 | 2170.3 | 2109.3 | 2041.6 | 1978.6 | 1916.9 | 1863.8 | 1816.0 | 1751.0 | 1691.9 | 1642.8 |
| 17.5° | 2248.8 | 2188.5 | 2123.0 | 2044.7 | 1971.7 | 1893.3 | 1824.9 | 1763.9 | 1691.5 | 1620.3 | 1562.4 |
| 20° | 2259.9 | 2200.2 | 2124.6 | 2046.3 | 1960.0 | 1867.8 | 1794.1 | 1727.8 | 1650.1 | 1572.5 | 1506.2 |
| 22.5° | 2253.0 | 2206.6 | 2122.4 | 2028.7 | 1940.4 | 1843.9 | 1760.7 | 1683.7 | 1597.6 | 1518.4 | 1441.4 |
| 25° | 2206.2 | 2190.2 | 2110.6 | 2008.4 | 1907.6 | 1795.5 | 1699.2 | 1615.0 | 1516.8 | 1431.9 | 1348.2 |
| 27.5° | 2097.0 | 2131.3 | 2082.0 | 1973.1 | 1861.0 | 1740.8 | 1632.6 | 1536.7 | 1434.8 | 1339.2 | 1255.9 |
| 30° | 1991.9 | 2070.8 | 2049.6 | 1948.7 | 1823.3 | 1705.2 | 1583.8 | 1483.6 | 1374.8 | 1276.6 | 1194.3 |
| 32.5° | 1848.0 | 1978.4 | 1999.2 | 1914.8 | 1785.1 | 1655.3 | 1528.1 | 1428.4 | 1314.8 | 1211.3 | 1131.1 |
| 35° | 1619.0 | 1814.0 | 1903.6 | 1849.9 | 1719.8 | 1579.8 | 1448.4 | 1332.3 | 1218.2 | 1116.0 | 1036.4 |
| 37.5° | 1345.7 | 1611.4 | 1760.7 | 1764.5 | 1645.1 | 1499.5 | 1356.5 | 1241.2 | 1124.4 | 1024.1 | 937.9 |
| 40° | 1168.4 | 1456.4 | 1650.8 | 1693.9 | 1593.1 | 1435.8 | 1291.2 | 1173.7 | 1059.6 | 961.4 | 862.6 |
| 42.5° | 1009.2 | 1296.1 | 1535.1 | 1610.1 | 1529.9 | 1373.7 | 1228.6 | 1105.8 | 994.9 | 902.0 | 801.0 |
| 45° | 816.1 | 1066.9 | 1330.3 | 1464.4 | 1419.9 | 1275.3 | 1122.0 | 1005.2 | 901.0 | 820.8 | 723.9 |
| 47.5° | 688.5 | 865.2 | 1120.1 | 1301.4 | 1300.6 | 1168.6 | 1017.8 | 906.0 | 809.3 | 734.1 | 655.7 |
| 50° | 615.7 | 769.7 | 985.3 | 1191.0 | 1208.2 | 1097.4 | 954.1 | 843.3 | 753.1 | 674.1 | 611.1 |
| 52.5° | 550.4 | 677.3 | 871.2 | 1068.4 | 1117.5 | 1021.5 | 882.5 | 780.2 | 692.6 | 620.0 | 566.0 |
| 55° | 465.1 | 563.3 | 710.6 | 895.1 | 969.4 | 901.7 | 778.3 | 682.8 | 611.8 | 550.7 | 504.3 |
| 57.5° | 393.5 | 467.1 | 585.3 | 733.8 | 820.4 | 777.8 | 676.0 | 598.4 | 537.6 | 482.4 | 445.7 |
| 60° | 348.3 | 408.7 | 508.9 | 633.0 | 728.5 | 698.7 | 611.8 | 539.4 | 487.7 | 439.9 | 405.4 |
| 62.5° | 305.9 | 357.8 | 443.6 | 544.3 | 631.9 | 619.6 | 548.6 | 487.9 | 442.6 | 399.0 | 369.8 |
| 65° | 246.2 | 284.0 | 351.0 | 430.0 | 500.3 | 506.3 | 455.2 | 414.0 | 373.6 | 339.1 | 313.2 |
| 67.5° | 196.0 | 220.7 | 267.9 | 334.4 | 387.1 | 405.9 | 374.7 | 343.3 | 311.2 | 284.5 | 262.1 |
| 70° | 165.2 | 185.1 | 219.6 | 273.4 | 321.8 | 341.7 | 323.8 | 299.2 | 271.4 | 249.5 | 230.2 |
| 72.5° | 133.9 | 153.3 | 178.7 | 218.2 | 259.7 | 281.2 | 275.0 | 257.3 | 234.7 | 216.6 | 198.4 |
| 75° | 100.9 | 106.8 | 124.1 | 150.6 | 183.1 | 201.7 | 206.4 | 197.1 | 179.1 | 165.2 | 154.6 |
| 77.5° | 74.6 | 78.2 | 86.4 | 100.3 | 121.6 | 138.1 | 144.9 | 143.8 | 131.5 | 123.4 | 113.5 |
| 80° | 59.7 | 61.7 | 65.7 | 71.7 | 87.6 | 104.2 | 108.8 | 108.8 | 100.2 | 96.9 | 86.9 |
| 82.5° | 45.4 | 46.8 | 49.2 | 52.5 | 60.0 | 74.4 | 79.6 | 80.7 | 75.2 | 70.9 | 63.0 |
| 85° | 25.9 | 25.2 | 26.5 | 28.5 | 29.9 | 33.8 | 41.8 | 43.1 | 41.8 | 36.5 | 34.5 |
| 87.5° | 10.1 | 10.5 | 10.4 | 9.7 | 10.1 | 10.5 | 13.0 | 15.5 | 13.5 | 12.1 | 11.2 |
| 90° | 5.3 | 4.7 | 4.2 | 3.5 | 2.7 | 1.9 | 1.1 | 0.3 | 1.1 | 1.9 | 2.7 |
| 92.5° | 6.9 | 6.6 | 6.4 | 6.2 | 6.3 | 6.4 | 6.5 | 6.5 | 6.5 | 6.4 | 6.3 |
| 95° | 11.6 | 11.1 | 10.6 | 11.5 | 13.9 | 16.3 | 18.6 | 21.0 | 18.6 | 16.3 | 13.9 |
| 97.5° | 14.5 | 13.4 | 12.2 | 15.0 | 21.7 | 28.3 | 35.0 | 41.7 | 35.0 | 28.3 | 21.7 |
| 100° | 16.0 | 14.8 | 13.5 | 17.9 | 27.7 | 37.5 | 47.4 | 57.2 | 47.4 | 37.5 | 27.7 |
| 102.5° | 39.4 | 49.6 | 59.8 | 66.0 | 68.1 | 70.1 | 72.2 | 74.3 | 72.2 | 70.1 | 68.1 |
| 105° | 59.0 | 78.6 | 98.2 | 106.9 | 104.8 | 102.6 | 100.4 | 98.3 | 100.4 | 102.6 | 104.8 |
| 107.5° | 74.7 | 98.2 | 121.7 | 132.6 | 130.9 | 129.1 | 127.4 | 125.6 | 127.4 | 129.1 | 130.9 |
| 110° | 98.1 | 118.9 | 139.6 | 149.3 | 147.8 | 146.3 | 144.7 | 143.2 | 144.7 | 146.3 | 147.8 |



TEST NUMBER: P331705

CATALOG NUMBER: S122RDIP-S865D330U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 153.0 | 158.1 | 163.2 | 165.1 | 163.8 | 162.5 | 161.1 | 159.8 | 161.1 | 162.5 | 163.8 |
| 115° | 195.9 | 194.1 | 192.3 | 190.8 | 189.6 | 188.4 | 187.1 | 185.9 | 187.1 | 188.4 | 189.6 |
| 117.5° | 218.5 | 217.3 | 216.0 | 214.7 | 213.4 | 212.0 | 210.6 | 209.3 | 210.6 | 212.0 | 213.4 |
| 120° | 234.4 | 233.1 | 231.8 | 230.6 | 229.6 | 228.5 | 227.4 | 226.3 | 227.4 | 228.5 | 229.6 |
| 122.5° | 249.4 | 248.0 | 246.6 | 245.4 | 244.2 | 243.1 | 242.0 | 240.8 | 242.0 | 243.1 | 244.2 |
| 125° | 270.5 | 269.1 | 267.8 | 266.6 | 265.7 | 264.7 | 263.8 | 262.9 | 263.8 | 264.7 | 265.7 |
| 127.5° | 290.1 | 289.0 | 288.0 | 287.0 | 286.0 | 284.9 | 283.9 | 282.8 | 283.9 | 284.9 | 286.0 |
| 130° | 302.7 | 301.9 | 301.1 | 300.1 | 299.0 | 297.8 | 296.7 | 295.5 | 296.7 | 297.8 | 299.0 |
| 132.5° | 314.8 | 314.0 | 313.2 | 312.4 | 311.4 | 310.4 | 309.4 | 308.5 | 309.4 | 310.4 | 311.4 |
| 135° | 332.1 | 331.4 | 330.8 | 329.9 | 328.7 | 327.6 | 326.4 | 325.3 | 326.4 | 327.6 | 328.7 |
| 137.5° | 347.7 | 347.0 | 346.3 | 345.5 | 344.7 | 343.9 | 343.1 | 342.3 | 343.1 | 343.9 | 344.7 |
| 140° | 358.0 | 357.2 | 356.4 | 355.7 | 355.1 | 354.5 | 354.0 | 353.4 | 354.0 | 354.5 | 355.1 |
| 142.5° | 367.3 | 366.4 | 365.5 | 364.8 | 364.3 | 363.7 | 363.2 | 362.7 | 363.2 | 363.7 | 364.3 |
| 145° | 380.1 | 378.8 | 377.6 | 377.0 | 377.1 | 377.2 | 377.3 | 377.3 | 377.3 | 377.2 | 377.1 |
| 147.5° | 391.9 | 390.6 | 389.4 | 389.0 | 389.2 | 389.5 | 389.8 | 390.1 | 389.8 | 389.5 | 389.2 |
| 150° | 399.0 | 397.8 | 396.7 | 396.3 | 396.8 | 397.3 | 397.8 | 398.3 | 397.8 | 397.3 | 396.8 |
| 152.5° | 405.5 | 404.4 | 403.3 | 403.1 | 403.6 | 404.2 | 404.8 | 405.3 | 404.8 | 404.2 | 403.6 |
| 155° | 414.7 | 413.9 | 413.0 | 412.9 | 413.5 | 414.2 | 414.8 | 415.5 | 414.8 | 414.2 | 413.5 |
| 157.5° | 422.5 | 421.9 | 421.3 | 421.2 | 421.8 | 422.3 | 422.9 | 423.4 | 422.9 | 422.3 | 421.8 |
| 160° | 427.2 | 426.8 | 426.4 | 426.4 | 426.8 | 427.2 | 427.7 | 428.1 | 427.7 | 427.2 | 426.8 |
| 162.5° | 431.2 | 430.8 | 430.5 | 430.5 | 430.9 | 431.4 | 431.8 | 432.2 | 431.8 | 431.4 | 430.9 |
| 165° | 436.4 | 436.2 | 436.0 | 436.1 | 436.5 | 436.9 | 437.4 | 437.8 | 437.4 | 436.9 | 436.5 |
| 167.5° | 440.5 | 440.3 | 440.1 | 440.2 | 440.6 | 441.1 | 441.5 | 441.9 | 441.5 | 441.1 | 440.6 |
| 170° | 442.7 | 442.5 | 442.4 | 442.5 | 443.0 | 443.4 | 443.8 | 444.3 | 443.8 | 443.4 | 443.0 |
| 172.5° | 444.2 | 444.1 | 443.9 | 444.1 | 444.5 | 444.9 | 445.4 | 445.8 | 445.4 | 444.9 | 444.5 |
| 175° | 445.9 | 445.8 | 445.6 | 445.8 | 446.3 | 446.8 | 447.3 | 447.8 | 447.3 | 446.8 | 446.3 |
| 177.5° | 446.5 | 446.4 | 446.4 | 446.5 | 446.9 | 447.3 | 447.7 | 448.1 | 447.7 | 447.3 | 446.9 |
| 180° | 446.8 | 446.8 | 446.8 | 446.8 | 446.8 | 446.8 | 446.8 | 446.8 | 446.8 | 446.8 | 446.8 |



TEST NUMBER: P331705

CATALOG NUMBER: S122RDIP-S865D330U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1909.6 | 1909.6 | 1909.6 | 1909.6 | 1909.6 | 1909.6 | 1909.6 | 1909.6 | 1909.6 | 1909.6 | 1909.6 |
| 2.5° | 1882.5 | 1878.8 | 1871.9 | 1861.3 | 1854.9 | 1843.8 | 1836.3 | 1840.6 | 1841.6 | 1840.6 | 1839.5 |
| 5° | 1831.9 | 1818.0 | 1798.8 | 1780.2 | 1762.9 | 1744.4 | 1733.7 | 1729.1 | 1719.8 | 1714.5 | 1711.9 |
| 7.5° | 1770.8 | 1746.8 | 1719.5 | 1687.2 | 1659.7 | 1630.9 | 1616.2 | 1608.9 | 1589.9 | 1579.5 | 1570.5 |
| 10° | 1725.1 | 1687.3 | 1660.1 | 1617.6 | 1591.8 | 1553.9 | 1528.1 | 1528.7 | 1502.8 | 1488.2 | 1477.6 |
| 12.5° | 1674.7 | 1633.2 | 1587.9 | 1549.7 | 1513.7 | 1483.3 | 1452.2 | 1439.5 | 1412.1 | 1398.0 | 1369.3 |
| 15° | 1591.1 | 1542.7 | 1494.9 | 1443.1 | 1406.6 | 1359.5 | 1314.4 | 1259.3 | 1214.9 | 1176.4 | 1165.8 |
| 17.5° | 1499.8 | 1439.8 | 1391.9 | 1331.1 | 1268.6 | 1189.4 | 1137.1 | 1105.1 | 1078.3 | 1058.0 | 1042.9 |
| 20° | 1437.2 | 1376.1 | 1325.0 | 1233.5 | 1149.2 | 1095.5 | 1057.0 | 1032.4 | 1004.6 | 982.7 | 970.7 |
| 22.5° | 1371.3 | 1307.6 | 1238.0 | 1135.8 | 1070.1 | 1027.0 | 992.7 | 964.5 | 945.6 | 928.5 | 917.6 |
| 25° | 1277.9 | 1208.2 | 1093.5 | 1023.1 | 970.0 | 924.9 | 901.0 | 883.8 | 863.9 | 840.7 | 830.0 |
| 27.5° | 1179.2 | 1068.4 | 986.0 | 933.7 | 883.0 | 853.7 | 832.2 | 806.4 | 788.6 | 778.2 | 767.1 |
| 30° | 1105.4 | 994.6 | 930.2 | 873.2 | 837.3 | 804.8 | 779.6 | 765.0 | 747.8 | 729.9 | 722.6 |
| 32.5° | 1023.1 | 934.6 | 872.9 | 825.4 | 789.0 | 761.3 | 741.4 | 717.8 | 705.3 | 694.3 | 679.0 |
| 35° | 920.9 | 853.9 | 797.5 | 759.1 | 724.6 | 702.0 | 678.8 | 664.8 | 642.3 | 633.0 | 627.0 |
| 37.5° | 834.4 | 776.3 | 734.2 | 693.6 | 666.3 | 641.3 | 627.1 | 605.0 | 595.2 | 582.3 | 569.7 |
| 40° | 785.6 | 728.5 | 688.1 | 654.9 | 624.4 | 605.8 | 587.9 | 570.0 | 555.4 | 549.4 | 534.1 |
| 42.5° | 735.7 | 689.3 | 648.8 | 612.4 | 592.0 | 572.3 | 549.7 | 536.5 | 521.4 | 511.7 | 502.3 |
| 45° | 666.8 | 625.7 | 591.2 | 561.3 | 538.8 | 518.2 | 503.6 | 481.7 | 473.1 | 453.8 | 445.9 |
| 47.5° | 606.3 | 568.1 | 535.2 | 506.8 | 484.8 | 471.4 | 450.0 | 432.9 | 419.1 | 407.3 | 397.0 |
| 50° | 563.3 | 531.5 | 499.6 | 474.4 | 454.5 | 435.3 | 413.4 | 404.7 | 383.5 | 377.5 | 371.6 |
| 52.5° | 524.0 | 493.8 | 464.6 | 439.9 | 420.0 | 401.3 | 382.0 | 370.8 | 356.4 | 350.5 | 346.1 |
| 55° | 469.1 | 439.9 | 412.0 | 390.1 | 370.2 | 351.0 | 339.1 | 325.1 | 318.5 | 313.8 | 308.5 |
| 57.5° | 413.9 | 387.6 | 366.3 | 344.1 | 324.1 | 308.8 | 295.0 | 286.6 | 279.7 | 273.6 | 267.3 |
| 60° | 378.9 | 353.6 | 334.4 | 313.8 | 293.3 | 280.7 | 270.0 | 260.1 | 252.1 | 242.8 | 240.2 |
| 62.5° | 341.7 | 319.7 | 302.0 | 282.0 | 264.1 | 252.5 | 242.4 | 233.0 | 223.5 | 209.9 | 206.2 |
| 65° | 290.6 | 273.4 | 254.8 | 238.2 | 222.3 | 211.0 | 196.4 | 185.8 | 181.8 | 180.5 | 179.8 |
| 67.5° | 244.4 | 228.1 | 212.2 | 195.2 | 180.7 | 170.3 | 162.8 | 161.2 | 158.4 | 157.6 | 155.8 |
| 70° | 213.6 | 198.4 | 182.5 | 166.5 | 152.6 | 150.6 | 148.0 | 145.3 | 142.0 | 140.7 | 139.3 |
| 72.5° | 186.0 | 170.3 | 154.3 | 141.6 | 135.6 | 133.1 | 130.4 | 127.8 | 125.5 | 124.2 | 123.4 |
| 75° | 142.7 | 128.1 | 117.4 | 112.8 | 109.5 | 107.5 | 103.5 | 101.5 | 100.2 | 98.2 | 97.5 |
| 77.5° | 102.7 | 94.5 | 89.6 | 86.7 | 83.2 | 81.1 | 78.8 | 76.8 | 75.4 | 75.0 | 73.9 |
| 80° | 78.3 | 74.3 | 71.0 | 67.0 | 65.7 | 63.0 | 62.4 | 60.4 | 61.0 | 59.1 | 59.1 |
| 82.5° | 60.8 | 55.7 | 52.9 | 51.1 | 49.8 | 47.6 | 47.0 | 46.0 | 46.2 | 44.7 | 44.7 |
| 85° | 31.2 | 29.9 | 28.5 | 27.2 | 27.2 | 25.2 | 25.9 | 25.2 | 25.2 | 23.9 | 23.2 |
| 87.5° | 10.8 | 10.4 | 9.4 | 9.6 | 9.7 | 9.3 | 9.3 | 8.9 | 8.9 | 9.0 | 8.5 |
| 90° | 3.5 | 4.2 | 4.7 | 5.3 | 5.9 | 6.5 | 6.8 | 7.2 | 7.5 | 7.9 | 8.2 |
| 92.5° | 6.2 | 6.4 | 6.6 | 6.9 | 7.2 | 7.5 | 7.7 | 7.9 | 8.1 | 8.2 | 8.4 |
| 95° | 11.5 | 10.6 | 11.1 | 11.6 | 12.1 | 12.6 | 13.0 | 13.3 | 13.7 | 14.0 | 14.2 |
| 97.5° | 15.0 | 12.2 | 13.4 | 14.5 | 15.7 | 16.9 | 17.2 | 17.5 | 17.7 | 18.0 | 18.2 |
| 100° | 17.9 | 13.5 | 14.8 | 16.0 | 17.2 | 18.4 | 19.0 | 19.6 | 20.2 | 20.7 | 21.1 |
| 102.5° | 66.0 | 59.8 | 49.6 | 39.4 | 29.2 | 18.9 | 19.7 | 20.4 | 21.2 | 21.9 | 22.4 |
| 105° | 106.9 | 98.2 | 78.6 | 59.0 | 39.3 | 19.7 | 20.5 | 21.3 | 22.1 | 22.9 | 23.4 |
| 107.5° | 132.6 | 121.7 | 98.2 | 74.7 | 51.1 | 27.6 | 26.8 | 26.0 | 25.2 | 24.4 | 24.1 |
| 110° | 149.3 | 139.6 | 118.9 | 98.1 | 77.3 | 56.6 | 49.4 | 42.2 | 35.0 | 27.8 | 24.4 |



TEST NUMBER: P331705

CATALOG NUMBER: S122RDIP-S865D330U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 165.1 | 163.2 | 158.1 | 153.0 | 147.8 | 142.7 | 116.5 | 90.3 | 64.1 | 37.9 | 24.9 |
| 115° | 190.8 | 192.3 | 194.1 | 195.9 | 197.7 | 199.5 | 166.2 | 133.0 | 99.7 | 66.4 | 47.2 |
| 117.5° | 214.7 | 216.0 | 217.3 | 218.5 | 219.7 | 221.0 | 212.9 | 204.9 | 196.8 | 188.8 | 176.3 |
| 120° | 230.6 | 231.8 | 233.1 | 234.4 | 235.7 | 237.0 | 237.9 | 238.7 | 239.6 | 240.4 | 236.0 |
| 122.5° | 245.4 | 246.6 | 248.0 | 249.4 | 250.9 | 252.3 | 252.8 | 253.3 | 253.8 | 254.3 | 253.6 |
| 125° | 266.6 | 267.8 | 269.1 | 270.5 | 271.8 | 273.2 | 273.7 | 274.2 | 274.7 | 275.2 | 275.6 |
| 127.5° | 287.0 | 288.0 | 289.0 | 290.1 | 291.1 | 292.1 | 292.8 | 293.6 | 294.3 | 295.0 | 295.4 |
| 130° | 300.1 | 301.1 | 301.9 | 302.7 | 303.5 | 304.3 | 305.0 | 305.8 | 306.6 | 307.4 | 307.8 |
| 132.5° | 312.4 | 313.2 | 314.0 | 314.8 | 315.6 | 316.4 | 317.1 | 317.8 | 318.4 | 319.1 | 319.4 |
| 135° | 329.9 | 330.8 | 331.4 | 332.1 | 332.7 | 333.4 | 334.1 | 334.8 | 335.5 | 336.2 | 336.5 |
| 137.5° | 345.5 | 346.3 | 347.0 | 347.7 | 348.5 | 349.2 | 349.9 | 350.6 | 351.3 | 352.0 | 352.2 |
| 140° | 355.7 | 356.4 | 357.2 | 358.0 | 358.8 | 359.5 | 360.2 | 360.8 | 361.5 | 362.1 | 362.3 |
| 142.5° | 364.8 | 365.5 | 366.4 | 367.3 | 368.2 | 369.1 | 369.7 | 370.3 | 370.9 | 371.5 | 371.6 |
| 145° | 377.0 | 377.6 | 378.8 | 380.1 | 381.3 | 382.5 | 383.0 | 383.5 | 384.0 | 384.5 | 384.6 |
| 147.5° | 389.0 | 389.4 | 390.6 | 391.9 | 393.1 | 394.3 | 394.6 | 395.0 | 395.4 | 395.8 | 395.8 |
| 150° | 396.3 | 396.7 | 397.8 | 399.0 | 400.1 | 401.3 | 401.7 | 402.1 | 402.5 | 403.0 | 403.0 |
| 152.5° | 403.1 | 403.3 | 404.4 | 405.5 | 406.6 | 407.7 | 408.1 | 408.6 | 409.0 | 409.4 | 409.4 |
| 155° | 412.9 | 413.0 | 413.9 | 414.7 | 415.6 | 416.4 | 416.9 | 417.3 | 417.7 | 418.2 | 418.1 |
| 157.5° | 421.2 | 421.3 | 421.9 | 422.5 | 423.1 | 423.7 | 424.2 | 424.7 | 425.2 | 425.6 | 425.6 |
| 160° | 426.4 | 426.4 | 426.8 | 427.2 | 427.7 | 428.1 | 428.5 | 429.0 | 429.4 | 429.8 | 429.8 |
| 162.5° | 430.5 | 430.5 | 430.8 | 431.2 | 431.6 | 432.0 | 432.5 | 432.9 | 433.4 | 433.9 | 433.9 |
| 165° | 436.1 | 436.0 | 436.2 | 436.4 | 436.6 | 436.8 | 437.3 | 437.8 | 438.3 | 438.8 | 438.8 |
| 167.5° | 440.2 | 440.1 | 440.3 | 440.5 | 440.7 | 440.9 | 441.4 | 441.9 | 442.4 | 442.9 | 442.8 |
| 170° | 442.5 | 442.4 | 442.5 | 442.7 | 442.8 | 443.0 | 443.5 | 444.0 | 444.5 | 445.0 | 444.9 |
| 172.5° | 444.1 | 443.9 | 444.1 | 444.2 | 444.4 | 444.5 | 445.0 | 445.5 | 446.0 | 446.5 | 446.5 |
| 175° | 445.8 | 445.6 | 445.8 | 445.9 | 446.1 | 446.2 | 446.7 | 447.2 | 447.7 | 448.2 | 448.1 |
| 177.5° | 446.5 | 446.4 | 446.4 | 446.5 | 446.5 | 446.6 | 447.0 | 447.4 | 447.8 | 448.2 | 448.1 |
| 180° | 446.8 | 446.8 | 446.8 | 446.8 | 446.8 | 446.8 | 446.8 | 446.8 | 446.8 | 446.8 | 446.8 |



TEST NUMBER: P331705

CATALOG NUMBER: S122RDIP-S865D330U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1909.6 | 1909.6 | 1909.6 | 1909.6 | 1909.6 | 1909.6 | 1909.6 | 1909.6 | 1909.6 | 1909.6 | 1909.6 |
| 2.5° | 1833.7 | 1834.7 | 1833.1 | 1834.2 | 1833.1 | 1834.7 | 1833.7 | 1839.5 | 1840.6 | 1841.6 | 1840.6 |
| 5° | 1708.5 | 1700.6 | 1699.2 | 1697.3 | 1699.2 | 1700.6 | 1708.5 | 1711.9 | 1714.5 | 1719.8 | 1729.1 |
| 7.5° | 1559.1 | 1557.9 | 1554.6 | 1550.0 | 1554.6 | 1557.9 | 1559.1 | 1570.5 | 1579.5 | 1589.9 | 1608.9 |
| 10° | 1463.0 | 1459.7 | 1459.1 | 1454.4 | 1459.1 | 1459.7 | 1463.0 | 1477.6 | 1488.2 | 1502.8 | 1528.7 |
| 12.5° | 1350.5 | 1329.1 | 1326.9 | 1315.3 | 1326.9 | 1329.1 | 1350.5 | 1369.3 | 1398.0 | 1412.1 | 1439.5 |
| 15° | 1149.9 | 1145.9 | 1132.6 | 1124.0 | 1132.6 | 1145.9 | 1149.9 | 1165.8 | 1176.4 | 1214.9 | 1259.3 |
| 17.5° | 1035.2 | 1022.2 | 1018.1 | 1016.2 | 1018.1 | 1022.2 | 1035.2 | 1042.9 | 1058.0 | 1078.3 | 1105.1 |
| 20° | 961.4 | 949.5 | 947.5 | 946.2 | 947.5 | 949.5 | 961.4 | 970.7 | 982.7 | 1004.6 | 1032.4 |
| 22.5° | 910.5 | 898.0 | 892.8 | 888.8 | 892.8 | 898.0 | 910.5 | 917.6 | 928.5 | 945.6 | 964.5 |
| 25° | 823.4 | 818.8 | 816.1 | 814.8 | 816.1 | 818.8 | 823.4 | 830.0 | 840.7 | 863.9 | 883.8 |
| 27.5° | 755.3 | 745.1 | 743.1 | 739.7 | 743.1 | 745.1 | 755.3 | 767.1 | 778.2 | 788.6 | 806.4 |
| 30° | 716.6 | 713.3 | 708.6 | 704.6 | 708.6 | 713.3 | 716.6 | 722.6 | 729.9 | 747.8 | 765.0 |
| 32.5° | 670.9 | 668.2 | 664.0 | 662.2 | 664.0 | 668.2 | 670.9 | 679.0 | 694.3 | 705.3 | 717.8 |
| 35° | 620.4 | 611.1 | 607.1 | 601.1 | 607.1 | 611.1 | 620.4 | 627.0 | 633.0 | 642.3 | 664.8 |
| 37.5° | 566.9 | 562.0 | 556.4 | 558.4 | 556.4 | 562.0 | 566.9 | 569.7 | 582.3 | 595.2 | 605.0 |
| 40° | 525.5 | 522.2 | 520.9 | 520.2 | 520.9 | 522.2 | 525.5 | 534.1 | 549.4 | 555.4 | 570.0 |
| 42.5° | 492.6 | 483.4 | 480.0 | 479.8 | 480.0 | 483.4 | 492.6 | 502.3 | 511.7 | 521.4 | 536.5 |
| 45° | 442.6 | 433.9 | 428.0 | 428.6 | 428.0 | 433.9 | 442.6 | 445.9 | 453.8 | 473.1 | 481.7 |
| 47.5° | 391.3 | 391.1 | 387.4 | 388.6 | 387.4 | 391.1 | 391.3 | 397.0 | 407.3 | 419.1 | 432.9 |
| 50° | 366.9 | 362.9 | 360.3 | 360.9 | 360.3 | 362.9 | 366.9 | 371.6 | 377.5 | 383.5 | 404.7 |
| 52.5° | 343.6 | 340.1 | 338.0 | 340.8 | 338.0 | 340.1 | 343.6 | 346.1 | 350.5 | 356.4 | 370.8 |
| 55° | 305.2 | 301.2 | 300.6 | 299.9 | 300.6 | 301.2 | 305.2 | 308.5 | 313.8 | 318.5 | 325.1 |
| 57.5° | 262.4 | 259.7 | 255.7 | 254.0 | 255.7 | 259.7 | 262.4 | 267.3 | 273.6 | 279.7 | 286.6 |
| 60° | 231.6 | 226.3 | 219.6 | 219.0 | 219.6 | 226.3 | 231.6 | 240.2 | 242.8 | 252.1 | 260.1 |
| 62.5° | 203.4 | 202.4 | 201.0 | 200.9 | 201.0 | 202.4 | 203.4 | 206.2 | 209.9 | 223.5 | 233.0 |
| 65° | 178.5 | 177.8 | 178.5 | 179.1 | 178.5 | 177.8 | 178.5 | 179.8 | 180.5 | 181.8 | 185.8 |
| 67.5° | 155.5 | 154.3 | 153.1 | 153.7 | 153.1 | 154.3 | 155.5 | 155.8 | 157.6 | 158.4 | 161.2 |
| 70° | 138.0 | 137.3 | 136.7 | 136.7 | 136.7 | 137.3 | 138.0 | 139.3 | 140.7 | 142.0 | 145.3 |
| 72.5° | 121.0 | 120.9 | 120.2 | 119.7 | 120.2 | 120.9 | 121.0 | 123.4 | 124.2 | 125.5 | 127.8 |
| 75° | 96.9 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 96.9 | 97.5 | 98.2 | 100.2 | 101.5 |
| 77.5° | 73.8 | 73.1 | 72.5 | 71.9 | 72.5 | 73.1 | 73.8 | 73.9 | 75.0 | 75.4 | 76.8 |
| 80° | 58.4 | 57.7 | 57.1 | 57.1 | 57.1 | 57.7 | 58.4 | 59.1 | 59.1 | 61.0 | 60.4 |
| 82.5° | 44.6 | 43.9 | 43.8 | 43.3 | 43.8 | 43.9 | 44.6 | 44.7 | 44.7 | 46.2 | 46.0 |
| 85° | 23.9 | 24.5 | 23.9 | 25.2 | 23.9 | 24.5 | 23.9 | 23.2 | 23.9 | 25.2 | 25.2 |
| 87.5° | 8.6 | 8.1 | 8.6 | 8.1 | 8.6 | 8.1 | 8.6 | 8.5 | 9.0 | 8.9 | 8.9 |
| 90° | 8.3 | 8.4 | 8.6 | 8.7 | 8.6 | 8.4 | 8.3 | 8.2 | 7.9 | 7.5 | 7.2 |
| 92.5° | 8.5 | 8.6 | 8.6 | 8.7 | 8.6 | 8.6 | 8.5 | 8.4 | 8.2 | 8.1 | 7.9 |
| 95° | 14.1 | 14.0 | 14.0 | 13.9 | 14.0 | 14.0 | 14.1 | 14.2 | 14.0 | 13.7 | 13.3 |
| 97.5° | 18.3 | 18.4 | 18.5 | 18.6 | 18.5 | 18.4 | 18.3 | 18.2 | 18.0 | 17.7 | 17.5 |
| 100° | 21.2 | 21.4 | 21.5 | 21.7 | 21.5 | 21.4 | 21.2 | 21.1 | 20.7 | 20.2 | 19.6 |
| 102.5° | 22.6 | 22.8 | 23.0 | 23.2 | 23.0 | 22.8 | 22.6 | 22.4 | 21.9 | 21.2 | 20.4 |
| 105° | 23.7 | 24.0 | 24.3 | 24.6 | 24.3 | 24.0 | 23.7 | 23.4 | 22.9 | 22.1 | 21.3 |
| 107.5° | 24.4 | 24.7 | 25.0 | 25.3 | 25.0 | 24.7 | 24.4 | 24.1 | 24.4 | 25.2 | 26.0 |
| 110° | 24.7 | 25.0 | 25.3 | 25.5 | 25.3 | 25.0 | 24.7 | 24.4 | 27.8 | 35.0 | 42.2 |



TEST NUMBER: P331705

CATALOG NUMBER: S122RDIP-S865D330U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 25.1 | 25.3 | 25.6 | 25.8 | 25.6 | 25.3 | 25.1 | 24.9 | 37.9 | 64.1 | 90.3 |
| 115° | 42.0 | 36.9 | 31.7 | 26.5 | 31.7 | 36.9 | 42.0 | 47.2 | 66.4 | 99.7 | 133.0 |
| 117.5° | 159.3 | 142.3 | 125.3 | 108.3 | 125.3 | 142.3 | 159.3 | 176.3 | 188.8 | 196.8 | 204.9 |
| 120° | 226.3 | 216.6 | 206.9 | 197.2 | 206.9 | 216.6 | 226.3 | 236.0 | 240.4 | 239.6 | 238.7 |
| 122.5° | 251.8 | 249.9 | 248.0 | 246.1 | 248.0 | 249.9 | 251.8 | 253.6 | 254.3 | 253.8 | 253.3 |
| 125° | 275.8 | 276.0 | 276.2 | 276.4 | 276.2 | 276.0 | 275.8 | 275.6 | 275.2 | 274.7 | 274.2 |
| 127.5° | 295.5 | 295.5 | 295.5 | 295.6 | 295.5 | 295.5 | 295.5 | 295.4 | 295.0 | 294.3 | 293.6 |
| 130° | 307.7 | 307.6 | 307.6 | 307.5 | 307.6 | 307.6 | 307.7 | 307.8 | 307.4 | 306.6 | 305.8 |
| 132.5° | 319.3 | 319.3 | 319.2 | 319.1 | 319.2 | 319.3 | 319.3 | 319.4 | 319.1 | 318.4 | 317.8 |
| 135° | 336.4 | 336.2 | 336.1 | 335.9 | 336.1 | 336.2 | 336.4 | 336.5 | 336.2 | 335.5 | 334.8 |
| 137.5° | 352.0 | 351.8 | 351.5 | 351.3 | 351.5 | 351.8 | 352.0 | 352.2 | 352.0 | 351.3 | 350.6 |
| 140° | 361.9 | 361.6 | 361.2 | 360.8 | 361.2 | 361.6 | 361.9 | 362.3 | 362.1 | 361.5 | 360.8 |
| 142.5° | 371.2 | 370.9 | 370.5 | 370.1 | 370.5 | 370.9 | 371.2 | 371.6 | 371.5 | 370.9 | 370.3 |
| 145° | 384.2 | 383.9 | 383.5 | 383.1 | 383.5 | 383.9 | 384.2 | 384.6 | 384.5 | 384.0 | 383.5 |
| 147.5° | 395.5 | 395.2 | 394.9 | 394.6 | 394.9 | 395.2 | 395.5 | 395.8 | 395.8 | 395.4 | 395.0 |
| 150° | 402.7 | 402.3 | 401.9 | 401.6 | 401.9 | 402.3 | 402.7 | 403.0 | 403.0 | 402.5 | 402.1 |
| 152.5° | 408.9 | 408.5 | 408.0 | 407.5 | 408.0 | 408.5 | 408.9 | 409.4 | 409.4 | 409.0 | 408.6 |
| 155° | 417.5 | 417.0 | 416.4 | 415.8 | 416.4 | 417.0 | 417.5 | 418.1 | 418.2 | 417.7 | 417.3 |
| 157.5° | 425.0 | 424.5 | 423.9 | 423.4 | 423.9 | 424.5 | 425.0 | 425.6 | 425.6 | 425.2 | 424.7 |
| 160° | 429.3 | 428.8 | 428.3 | 427.8 | 428.3 | 428.8 | 429.3 | 429.8 | 429.8 | 429.4 | 429.0 |
| 162.5° | 433.2 | 432.6 | 432.0 | 431.4 | 432.0 | 432.6 | 433.2 | 433.9 | 433.9 | 433.4 | 432.9 |
| 165° | 438.3 | 437.8 | 437.3 | 436.8 | 437.3 | 437.8 | 438.3 | 438.8 | 438.8 | 438.3 | 437.8 |
| 167.5° | 442.2 | 441.5 | 440.9 | 440.2 | 440.9 | 441.5 | 442.2 | 442.8 | 442.9 | 442.4 | 441.9 |
| 170° | 444.3 | 443.6 | 443.0 | 442.3 | 443.0 | 443.6 | 444.3 | 444.9 | 445.0 | 444.5 | 444.0 |
| 172.5° | 445.8 | 445.2 | 444.5 | 443.9 | 444.5 | 445.2 | 445.8 | 446.5 | 446.5 | 446.0 | 445.5 |
| 175° | 447.4 | 446.7 | 445.9 | 445.2 | 445.9 | 446.7 | 447.4 | 448.1 | 448.2 | 447.7 | 447.2 |
| 177.5° | 447.6 | 447.1 | 446.6 | 446.1 | 446.6 | 447.1 | 447.6 | 448.1 | 448.2 | 447.8 | 447.4 |
| 180° | 446.8 | 446.8 | 446.8 | 446.8 | 446.8 | 446.8 | 446.8 | 446.8 | 446.8 | 446.8 | 446.8 |



TEST NUMBER: P331705

CATALOG NUMBER: S122RDIP-S865D330U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1909.6 | 1909.6 | 1909.6 | 1909.6 | 1909.6 | 1909.6 | 1909.6 | 1909.6 | 1909.6 | 1909.6 | 1909.6 |
| 2.5° | 1836.3 | 1843.8 | 1854.9 | 1861.3 | 1871.9 | 1878.8 | 1882.5 | 1889.4 | 1893.1 | 1906.4 | 1920.2 |
| 5° | 1733.7 | 1744.4 | 1762.9 | 1780.2 | 1798.8 | 1818.0 | 1831.9 | 1847.9 | 1862.5 | 1887.7 | 1914.2 |
| 7.5° | 1616.2 | 1630.9 | 1659.7 | 1687.2 | 1719.5 | 1746.8 | 1770.8 | 1798.0 | 1822.3 | 1858.4 | 1896.0 |
| 10° | 1528.1 | 1553.9 | 1591.8 | 1617.6 | 1660.1 | 1687.3 | 1725.1 | 1755.0 | 1788.8 | 1836.6 | 1879.1 |
| 12.5° | 1452.2 | 1483.3 | 1513.7 | 1549.7 | 1587.9 | 1633.2 | 1674.7 | 1713.0 | 1753.3 | 1802.6 | 1852.5 |
| 15° | 1314.4 | 1359.5 | 1406.6 | 1443.1 | 1494.9 | 1542.7 | 1591.1 | 1642.8 | 1691.9 | 1751.0 | 1816.0 |
| 17.5° | 1137.1 | 1189.4 | 1268.6 | 1331.1 | 1391.9 | 1439.8 | 1499.8 | 1562.4 | 1620.3 | 1691.5 | 1763.9 |
| 20° | 1057.0 | 1095.5 | 1149.2 | 1233.5 | 1325.0 | 1376.1 | 1437.2 | 1506.2 | 1572.5 | 1650.1 | 1727.8 |
| 22.5° | 992.7 | 1027.0 | 1070.1 | 1135.8 | 1238.0 | 1307.6 | 1371.3 | 1441.4 | 1518.4 | 1597.6 | 1683.7 |
| 25° | 901.0 | 924.9 | 970.0 | 1023.1 | 1093.5 | 1208.2 | 1277.9 | 1348.2 | 1431.9 | 1516.8 | 1615.0 |
| 27.5° | 832.2 | 853.7 | 883.0 | 933.7 | 986.0 | 1068.4 | 1179.2 | 1255.9 | 1339.2 | 1434.8 | 1536.7 |
| 30° | 779.6 | 804.8 | 837.3 | 873.2 | 930.2 | 994.6 | 1105.4 | 1194.3 | 1276.6 | 1374.8 | 1483.6 |
| 32.5° | 741.4 | 761.3 | 789.0 | 825.4 | 872.9 | 934.6 | 1023.1 | 1131.1 | 1211.3 | 1314.8 | 1428.4 |
| 35° | 678.8 | 702.0 | 724.6 | 759.1 | 797.5 | 853.9 | 920.9 | 1036.4 | 1116.0 | 1218.2 | 1332.3 |
| 37.5° | 627.1 | 641.3 | 666.3 | 693.6 | 734.2 | 776.3 | 834.4 | 937.9 | 1024.1 | 1124.4 | 1241.2 |
| 40° | 587.9 | 605.8 | 624.4 | 654.9 | 688.1 | 728.5 | 785.6 | 862.6 | 961.4 | 1059.6 | 1173.7 |
| 42.5° | 549.7 | 572.3 | 592.0 | 612.4 | 648.8 | 689.3 | 735.7 | 801.0 | 902.0 | 994.9 | 1105.8 |
| 45° | 503.6 | 518.2 | 538.8 | 561.3 | 591.2 | 625.7 | 666.8 | 723.9 | 820.8 | 901.0 | 1005.2 |
| 47.5° | 450.0 | 471.4 | 484.8 | 506.8 | 535.2 | 568.1 | 606.3 | 655.7 | 734.1 | 809.3 | 906.0 |
| 50° | 413.4 | 435.3 | 454.5 | 474.4 | 499.6 | 531.5 | 563.3 | 611.1 | 674.1 | 753.1 | 843.3 |
| 52.5° | 382.0 | 401.3 | 420.0 | 439.9 | 464.6 | 493.8 | 524.0 | 566.0 | 620.0 | 692.6 | 780.2 |
| 55° | 339.1 | 351.0 | 370.2 | 390.1 | 412.0 | 439.9 | 469.1 | 504.3 | 550.7 | 611.8 | 682.8 |
| 57.5° | 295.0 | 308.8 | 324.1 | 344.1 | 366.3 | 387.6 | 413.9 | 445.7 | 482.4 | 537.6 | 598.4 |
| 60° | 270.0 | 280.7 | 293.3 | 313.8 | 334.4 | 353.6 | 378.9 | 405.4 | 439.9 | 487.7 | 539.4 |
| 62.5° | 242.4 | 252.5 | 264.1 | 282.0 | 302.0 | 319.7 | 341.7 | 369.8 | 399.0 | 442.6 | 487.9 |
| 65° | 196.4 | 211.0 | 222.3 | 238.2 | 254.8 | 273.4 | 290.6 | 313.2 | 339.1 | 373.6 | 414.0 |
| 67.5° | 162.8 | 170.3 | 180.7 | 195.2 | 212.2 | 228.1 | 244.4 | 262.1 | 284.5 | 311.2 | 343.3 |
| 70° | 148.0 | 150.6 | 152.6 | 166.5 | 182.5 | 198.4 | 213.6 | 230.2 | 249.5 | 271.4 | 299.2 |
| 72.5° | 130.4 | 133.1 | 135.6 | 141.6 | 154.3 | 170.3 | 186.0 | 198.4 | 216.6 | 234.7 | 257.3 |
| 75° | 103.5 | 107.5 | 109.5 | 112.8 | 117.4 | 128.1 | 142.7 | 154.6 | 165.2 | 179.1 | 197.1 |
| 77.5° | 78.8 | 81.1 | 83.2 | 86.7 | 89.6 | 94.5 | 102.7 | 113.5 | 123.4 | 131.5 | 143.8 |
| 80° | 62.4 | 63.0 | 65.7 | 67.0 | 71.0 | 74.3 | 78.3 | 86.9 | 96.9 | 100.2 | 108.8 |
| 82.5° | 47.0 | 47.6 | 49.8 | 51.1 | 52.9 | 55.7 | 60.8 | 63.0 | 70.9 | 75.2 | 80.7 |
| 85° | 25.9 | 25.2 | 27.2 | 27.2 | 28.5 | 29.9 | 31.2 | 34.5 | 36.5 | 41.8 | 43.1 |
| 87.5° | 9.3 | 9.3 | 9.7 | 9.6 | 9.4 | 10.4 | 10.8 | 11.2 | 12.1 | 13.5 | 15.5 |
| 90° | 6.8 | 6.5 | 5.9 | 5.3 | 4.7 | 4.2 | 3.5 | 2.7 | 1.9 | 1.1 | 0.3 |
| 92.5° | 7.7 | 7.5 | 7.2 | 6.9 | 6.6 | 6.4 | 6.2 | 6.3 | 6.4 | 6.5 | 6.5 |
| 95° | 13.0 | 12.6 | 12.1 | 11.6 | 11.1 | 10.6 | 11.5 | 13.9 | 16.3 | 18.6 | 21.0 |
| 97.5° | 17.2 | 16.9 | 15.7 | 14.5 | 13.4 | 12.2 | 15.0 | 21.7 | 28.3 | 35.0 | 41.7 |
| 100° | 19.0 | 18.4 | 17.2 | 16.0 | 14.8 | 13.5 | 17.9 | 27.7 | 37.5 | 47.4 | 57.2 |
| 102.5° | 19.7 | 18.9 | 29.2 | 39.4 | 49.6 | 59.8 | 66.0 | 68.1 | 70.1 | 72.2 | 74.3 |
| 105° | 20.5 | 19.7 | 39.3 | 59.0 | 78.6 | 98.2 | 106.9 | 104.8 | 102.6 | 100.4 | 98.3 |
| 107.5° | 26.8 | 27.6 | 51.1 | 74.7 | 98.2 | 121.7 | 132.6 | 130.9 | 129.1 | 127.4 | 125.6 |
| 110° | 49.4 | 56.6 | 77.3 | 98.1 | 118.9 | 139.6 | 149.3 | 147.8 | 146.3 | 144.7 | 143.2 |



TEST NUMBER: P331705

CATALOG NUMBER: S122RDIP-S865D330U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 116.5 | 142.7 | 147.8 | 153.0 | 158.1 | 163.2 | 165.1 | 163.8 | 162.5 | 161.1 | 159.8 |
| 115° | 166.2 | 199.5 | 197.7 | 195.9 | 194.1 | 192.3 | 190.8 | 189.6 | 188.4 | 187.1 | 185.9 |
| 117.5° | 212.9 | 221.0 | 219.7 | 218.5 | 217.3 | 216.0 | 214.7 | 213.4 | 212.0 | 210.6 | 209.3 |
| 120° | 237.9 | 237.0 | 235.7 | 234.4 | 233.1 | 231.8 | 230.6 | 229.6 | 228.5 | 227.4 | 226.3 |
| 122.5° | 252.8 | 252.3 | 250.9 | 249.4 | 248.0 | 246.6 | 245.4 | 244.2 | 243.1 | 242.0 | 240.8 |
| 125° | 273.7 | 273.2 | 271.8 | 270.5 | 269.1 | 267.8 | 266.6 | 265.7 | 264.7 | 263.8 | 262.9 |
| 127.5° | 292.8 | 292.1 | 291.1 | 290.1 | 289.0 | 288.0 | 287.0 | 286.0 | 284.9 | 283.9 | 282.8 |
| 130° | 305.0 | 304.3 | 303.5 | 302.7 | 301.9 | 301.1 | 300.1 | 299.0 | 297.8 | 296.7 | 295.5 |
| 132.5° | 317.1 | 316.4 | 315.6 | 314.8 | 314.0 | 313.2 | 312.4 | 311.4 | 310.4 | 309.4 | 308.5 |
| 135° | 334.1 | 333.4 | 332.7 | 332.1 | 331.4 | 330.8 | 329.9 | 328.7 | 327.6 | 326.4 | 325.3 |
| 137.5° | 349.9 | 349.2 | 348.5 | 347.7 | 347.0 | 346.3 | 345.5 | 344.7 | 343.9 | 343.1 | 342.3 |
| 140° | 360.2 | 359.5 | 358.8 | 358.0 | 357.2 | 356.4 | 355.7 | 355.1 | 354.5 | 354.0 | 353.4 |
| 142.5° | 369.7 | 369.1 | 368.2 | 367.3 | 366.4 | 365.5 | 364.8 | 364.3 | 363.7 | 363.2 | 362.7 |
| 145° | 383.0 | 382.5 | 381.3 | 380.1 | 378.8 | 377.6 | 377.0 | 377.1 | 377.2 | 377.3 | 377.3 |
| 147.5° | 394.6 | 394.3 | 393.1 | 391.9 | 390.6 | 389.4 | 389.0 | 389.2 | 389.5 | 389.8 | 390.1 |
| 150° | 401.7 | 401.3 | 400.1 | 399.0 | 397.8 | 396.7 | 396.3 | 396.8 | 397.3 | 397.8 | 398.3 |
| 152.5° | 408.1 | 407.7 | 406.6 | 405.5 | 404.4 | 403.3 | 403.1 | 403.6 | 404.2 | 404.8 | 405.3 |
| 155° | 416.9 | 416.4 | 415.6 | 414.7 | 413.9 | 413.0 | 412.9 | 413.5 | 414.2 | 414.8 | 415.5 |
| 157.5° | 424.2 | 423.7 | 423.1 | 422.5 | 421.9 | 421.3 | 421.2 | 421.8 | 422.3 | 422.9 | 423.4 |
| 160° | 428.5 | 428.1 | 427.7 | 427.2 | 426.8 | 426.4 | 426.4 | 426.8 | 427.2 | 427.7 | 428.1 |
| 162.5° | 432.5 | 432.0 | 431.6 | 431.2 | 430.8 | 430.5 | 430.5 | 430.9 | 431.4 | 431.8 | 432.2 |
| 165° | 437.3 | 436.8 | 436.6 | 436.4 | 436.2 | 436.0 | 436.1 | 436.5 | 436.9 | 437.4 | 437.8 |
| 167.5° | 441.4 | 440.9 | 440.7 | 440.5 | 440.3 | 440.1 | 440.2 | 440.6 | 441.1 | 441.5 | 441.9 |
| 170° | 443.5 | 443.0 | 442.8 | 442.7 | 442.5 | 442.4 | 442.5 | 443.0 | 443.4 | 443.8 | 444.3 |
| 172.5° | 445.0 | 444.5 | 444.4 | 444.2 | 444.1 | 443.9 | 444.1 | 444.5 | 444.9 | 445.4 | 445.8 |
| 175° | 446.7 | 446.2 | 446.1 | 445.9 | 445.8 | 445.6 | 445.8 | 446.3 | 446.8 | 447.3 | 447.8 |
| 177.5° | 447.0 | 446.6 | 446.5 | 446.5 | 446.4 | 446.4 | 446.5 | 446.9 | 447.3 | 447.7 | 448.1 |
| 180° | 446.8 | 446.8 | 446.8 | 446.8 | 446.8 | 446.8 | 446.8 | 446.8 | 446.8 | 446.8 | 446.8 |



TEST NUMBER: P331705

CATALOG NUMBER: S122RDIP-S865D330U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1909.6 | 1909.6 | 1909.6 | 1909.6 | 1909.6 | 1909.6 | 1909.6 | 1909.6 | 1909.6 | 1909.6 | 1909.6 |
| 2.5° | 1920.7 | 1922.3 | 1932.9 | 1937.7 | 1947.3 | 1951.0 | 1955.2 | 1954.2 | 1954.2 | 1956.3 | 1971.2 |
| 5° | 1924.8 | 1938.1 | 1958.0 | 1977.3 | 1995.8 | 2011.8 | 2022.4 | 2033.0 | 2037.0 | 2056.2 | 2073.5 |
| 7.5° | 1917.9 | 1942.4 | 1975.3 | 2004.6 | 2039.8 | 2067.2 | 2090.1 | 2110.6 | 2124.7 | 2152.7 | 2181.4 |
| 10° | 1908.9 | 1943.4 | 1980.6 | 2018.4 | 2066.8 | 2103.3 | 2140.5 | 2169.0 | 2178.3 | 2220.1 | 2244.0 |
| 12.5° | 1890.9 | 1937.0 | 1984.3 | 2033.3 | 2080.6 | 2130.9 | 2171.8 | 2200.3 | 2233.0 | 2270.5 | 2314.6 |
| 15° | 1863.8 | 1916.9 | 1978.6 | 2041.6 | 2109.3 | 2170.3 | 2214.1 | 2263.9 | 2299.7 | 2340.9 | 2379.3 |
| 17.5° | 1824.9 | 1893.3 | 1971.7 | 2044.7 | 2123.0 | 2188.5 | 2248.8 | 2296.5 | 2321.7 | 2345.2 | 2350.9 |
| 20° | 1794.1 | 1867.8 | 1960.0 | 2046.3 | 2124.6 | 2200.2 | 2259.9 | 2299.7 | 2306.4 | 2307.0 | 2271.9 |
| 22.5° | 1760.7 | 1843.9 | 1940.4 | 2028.7 | 2122.4 | 2206.6 | 2253.0 | 2270.0 | 2243.7 | 2198.7 | 2130.7 |
| 25° | 1699.2 | 1795.5 | 1907.6 | 2008.4 | 2110.6 | 2190.2 | 2206.2 | 2176.3 | 2084.1 | 1987.2 | 1864.5 |
| 27.5° | 1632.6 | 1740.8 | 1861.0 | 1973.1 | 2082.0 | 2131.3 | 2097.0 | 1989.3 | 1823.2 | 1678.8 | 1503.8 |
| 30° | 1583.8 | 1705.2 | 1823.3 | 1948.7 | 2049.6 | 2070.8 | 1991.9 | 1833.3 | 1639.5 | 1421.9 | 1247.4 |
| 32.5° | 1528.1 | 1655.3 | 1785.1 | 1914.8 | 1999.2 | 1978.4 | 1848.0 | 1652.8 | 1425.6 | 1211.7 | 1046.8 |
| 35° | 1448.4 | 1579.8 | 1719.8 | 1849.9 | 1903.6 | 1814.0 | 1619.0 | 1364.8 | 1132.6 | 932.9 | 819.4 |
| 37.5° | 1356.5 | 1499.5 | 1645.1 | 1764.5 | 1760.7 | 1611.4 | 1345.7 | 1083.4 | 888.2 | 770.1 | 689.3 |
| 40° | 1291.2 | 1435.8 | 1593.1 | 1693.9 | 1650.8 | 1456.4 | 1168.4 | 920.9 | 778.3 | 684.1 | 625.0 |
| 42.5° | 1228.6 | 1373.7 | 1529.9 | 1610.1 | 1535.1 | 1296.1 | 1009.2 | 815.3 | 697.6 | 624.1 | 576.2 |
| 45° | 1122.0 | 1275.3 | 1419.9 | 1464.4 | 1330.3 | 1066.9 | 816.1 | 675.5 | 597.2 | 542.7 | 509.6 |
| 47.5° | 1017.8 | 1168.6 | 1300.6 | 1301.4 | 1120.1 | 865.2 | 688.5 | 584.6 | 517.7 | 475.6 | 451.5 |
| 50° | 954.1 | 1097.4 | 1208.2 | 1191.0 | 985.3 | 769.7 | 615.7 | 526.2 | 470.4 | 437.9 | 412.7 |
| 52.5° | 882.5 | 1021.5 | 1117.5 | 1068.4 | 871.2 | 677.3 | 550.4 | 475.2 | 429.0 | 400.8 | 378.2 |
| 55° | 778.3 | 901.7 | 969.4 | 895.1 | 710.6 | 563.3 | 465.1 | 406.1 | 371.6 | 347.7 | 328.4 |
| 57.5° | 676.0 | 777.8 | 820.4 | 733.8 | 585.3 | 467.1 | 393.5 | 349.1 | 314.9 | 297.8 | 287.8 |
| 60° | 611.8 | 698.7 | 728.5 | 633.0 | 508.9 | 408.7 | 348.3 | 307.2 | 282.0 | 270.7 | 260.8 |
| 62.5° | 548.6 | 619.6 | 631.9 | 544.3 | 443.6 | 357.8 | 305.9 | 271.1 | 254.4 | 243.6 | 234.2 |
| 65° | 455.2 | 506.3 | 500.3 | 430.0 | 351.0 | 284.0 | 246.2 | 224.9 | 212.3 | 197.1 | 180.5 |
| 67.5° | 374.7 | 405.9 | 387.1 | 334.4 | 267.9 | 220.7 | 196.0 | 179.9 | 164.3 | 149.8 | 146.0 |
| 70° | 323.8 | 341.7 | 321.8 | 273.4 | 219.6 | 185.1 | 165.2 | 146.0 | 136.7 | 133.4 | 127.4 |
| 72.5° | 275.0 | 281.2 | 259.7 | 218.2 | 178.7 | 153.3 | 133.9 | 123.1 | 118.1 | 115.3 | 111.5 |
| 75° | 206.4 | 201.7 | 183.1 | 150.6 | 124.1 | 106.8 | 100.9 | 96.9 | 93.6 | 90.9 | 88.9 |
| 77.5° | 144.9 | 138.1 | 121.6 | 100.3 | 86.4 | 78.2 | 74.6 | 72.5 | 70.9 | 69.5 | 67.5 |
| 80° | 108.8 | 104.2 | 87.6 | 71.7 | 65.7 | 61.7 | 59.7 | 57.1 | 57.1 | 55.7 | 53.7 |
| 82.5° | 79.6 | 74.4 | 60.0 | 52.5 | 49.2 | 46.8 | 45.4 | 43.8 | 43.3 | 43.5 | 42.1 |
| 85° | 41.8 | 33.8 | 29.9 | 28.5 | 26.5 | 25.2 | 25.9 | 24.5 | 24.5 | 24.5 | 23.9 |
| 87.5° | 13.0 | 10.5 | 10.1 | 9.7 | 10.4 | 10.5 | 10.1 | 10.2 | 10.8 | 10.4 | 11.0 |
| 90° | 1.1 | 1.9 | 2.7 | 3.5 | 4.2 | 4.7 | 5.3 | 5.9 | 6.5 | 6.8 | 7.2 |
| 92.5° | 6.5 | 6.4 | 6.3 | 6.2 | 6.4 | 6.6 | 6.9 | 7.2 | 7.5 | 7.7 | 7.9 |
| 95° | 18.6 | 16.3 | 13.9 | 11.5 | 10.6 | 11.1 | 11.6 | 12.1 | 12.6 | 13.0 | 13.3 |
| 97.5° | 35.0 | 28.3 | 21.7 | 15.0 | 12.2 | 13.4 | 14.5 | 15.7 | 16.9 | 17.2 | 17.5 |
| 100° | 47.4 | 37.5 | 27.7 | 17.9 | 13.5 | 14.8 | 16.0 | 17.2 | 18.4 | 19.0 | 19.6 |
| 102.5° | 72.2 | 70.1 | 68.1 | 66.0 | 59.8 | 49.6 | 39.4 | 29.2 | 18.9 | 19.7 | 20.4 |
| 105° | 100.4 | 102.6 | 104.8 | 106.9 | 98.2 | 78.6 | 59.0 | 39.3 | 19.7 | 20.5 | 21.3 |
| 107.5° | 127.4 | 129.1 | 130.9 | 132.6 | 121.7 | 98.2 | 74.7 | 51.1 | 27.6 | 26.8 | 26.0 |
| 110° | 144.7 | 146.3 | 147.8 | 149.3 | 139.6 | 118.9 | 98.1 | 77.3 | 56.6 | 49.4 | 42.2 |



TEST NUMBER: P331705

CATALOG NUMBER: S122RDIP-S865D330U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 161.1 | 162.5 | 163.8 | 165.1 | 163.2 | 158.1 | 153.0 | 147.8 | 142.7 | 116.5 | 90.3 |
| 115° | 187.1 | 188.4 | 189.6 | 190.8 | 192.3 | 194.1 | 195.9 | 197.7 | 199.5 | 166.2 | 133.0 |
| 117.5° | 210.6 | 212.0 | 213.4 | 214.7 | 216.0 | 217.3 | 218.5 | 219.7 | 221.0 | 212.9 | 204.9 |
| 120° | 227.4 | 228.5 | 229.6 | 230.6 | 231.8 | 233.1 | 234.4 | 235.7 | 237.0 | 237.9 | 238.7 |
| 122.5° | 242.0 | 243.1 | 244.2 | 245.4 | 246.6 | 248.0 | 249.4 | 250.9 | 252.3 | 252.8 | 253.3 |
| 125° | 263.8 | 264.7 | 265.7 | 266.6 | 267.8 | 269.1 | 270.5 | 271.8 | 273.2 | 273.7 | 274.2 |
| 127.5° | 283.9 | 284.9 | 286.0 | 287.0 | 288.0 | 289.0 | 290.1 | 291.1 | 292.1 | 292.8 | 293.6 |
| 130° | 296.7 | 297.8 | 299.0 | 300.1 | 301.1 | 301.9 | 302.7 | 303.5 | 304.3 | 305.0 | 305.8 |
| 132.5° | 309.4 | 310.4 | 311.4 | 312.4 | 313.2 | 314.0 | 314.8 | 315.6 | 316.4 | 317.1 | 317.8 |
| 135° | 326.4 | 327.6 | 328.7 | 329.9 | 330.8 | 331.4 | 332.1 | 332.7 | 333.4 | 334.1 | 334.8 |
| 137.5° | 343.1 | 343.9 | 344.7 | 345.5 | 346.3 | 347.0 | 347.7 | 348.5 | 349.2 | 349.9 | 350.6 |
| 140° | 354.0 | 354.5 | 355.1 | 355.7 | 356.4 | 357.2 | 358.0 | 358.8 | 359.5 | 360.2 | 360.8 |
| 142.5° | 363.2 | 363.7 | 364.3 | 364.8 | 365.5 | 366.4 | 367.3 | 368.2 | 369.1 | 369.7 | 370.3 |
| 145° | 377.3 | 377.2 | 377.1 | 377.0 | 377.6 | 378.8 | 380.1 | 381.3 | 382.5 | 383.0 | 383.5 |
| 147.5° | 389.8 | 389.5 | 389.2 | 389.0 | 389.4 | 390.6 | 391.9 | 393.1 | 394.3 | 394.6 | 395.0 |
| 150° | 397.8 | 397.3 | 396.8 | 396.3 | 396.7 | 397.8 | 399.0 | 400.1 | 401.3 | 401.7 | 402.1 |
| 152.5° | 404.8 | 404.2 | 403.6 | 403.1 | 403.3 | 404.4 | 405.5 | 406.6 | 407.7 | 408.1 | 408.6 |
| 155° | 414.8 | 414.2 | 413.5 | 412.9 | 413.0 | 413.9 | 414.7 | 415.6 | 416.4 | 416.9 | 417.3 |
| 157.5° | 422.9 | 422.3 | 421.8 | 421.2 | 421.3 | 421.9 | 422.5 | 423.1 | 423.7 | 424.2 | 424.7 |
| 160° | 427.7 | 427.2 | 426.8 | 426.4 | 426.4 | 426.8 | 427.2 | 427.7 | 428.1 | 428.5 | 429.0 |
| 162.5° | 431.8 | 431.4 | 430.9 | 430.5 | 430.5 | 430.8 | 431.2 | 431.6 | 432.0 | 432.5 | 432.9 |
| 165° | 437.4 | 436.9 | 436.5 | 436.1 | 436.0 | 436.2 | 436.4 | 436.6 | 436.8 | 437.3 | 437.8 |
| 167.5° | 441.5 | 441.1 | 440.6 | 440.2 | 440.1 | 440.3 | 440.5 | 440.7 | 440.9 | 441.4 | 441.9 |
| 170° | 443.8 | 443.4 | 443.0 | 442.5 | 442.4 | 442.5 | 442.7 | 442.8 | 443.0 | 443.5 | 444.0 |
| 172.5° | 445.4 | 444.9 | 444.5 | 444.1 | 443.9 | 444.1 | 444.2 | 444.4 | 444.5 | 445.0 | 445.5 |
| 175° | 447.3 | 446.8 | 446.3 | 445.8 | 445.6 | 445.8 | 445.9 | 446.1 | 446.2 | 446.7 | 447.2 |
| 177.5° | 447.7 | 447.3 | 446.9 | 446.5 | 446.4 | 446.4 | 446.5 | 446.5 | 446.6 | 447.0 | 447.4 |
| 180° | 446.8 | 446.8 | 446.8 | 446.8 | 446.8 | 446.8 | 446.8 | 446.8 | 446.8 | 446.8 | 446.8 |



TEST NUMBER: P331705

CATALOG NUMBER: S122RDIP-S865D330U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1909.6 | 1909.6 | 1909.6 | 1909.6 | 1909.6 | 1909.6 | 1909.6 |
| 2.5° | 1976.5 | 1983.4 | 1986.5 | 1986.5 | 1990.3 | 1988.7 | 1987.1 |
| 5° | 2090.1 | 2102.7 | 2105.3 | 2117.3 | 2125.9 | 2123.2 | 2124.6 |
| 7.5° | 2203.0 | 2223.3 | 2243.3 | 2252.5 | 2253.9 | 2259.2 | 2261.2 |
| 10° | 2272.5 | 2289.1 | 2320.3 | 2315.6 | 2338.9 | 2352.1 | 2330.2 |
| 12.5° | 2339.4 | 2361.8 | 2383.5 | 2389.4 | 2402.6 | 2406.8 | 2398.2 |
| 15° | 2399.9 | 2411.9 | 2413.2 | 2409.9 | 2413.8 | 2410.5 | 2397.9 |
| 17.5° | 2343.4 | 2324.0 | 2284.7 | 2266.1 | 2251.4 | 2229.7 | 2220.9 |
| 20° | 2250.0 | 2192.9 | 2126.5 | 2100.0 | 2068.8 | 2007.8 | 2022.4 |
| 22.5° | 2048.3 | 1983.2 | 1916.9 | 1839.4 | 1802.4 | 1744.5 | 1741.0 |
| 25° | 1734.4 | 1622.3 | 1498.9 | 1412.6 | 1362.2 | 1304.5 | 1279.2 |
| 27.5° | 1348.5 | 1207.3 | 1106.2 | 1055.0 | 1008.4 | 962.6 | 960.8 |
| 30° | 1094.8 | 988.6 | 910.3 | 866.5 | 838.0 | 818.8 | 822.8 |
| 32.5° | 922.8 | 850.1 | 797.3 | 760.9 | 739.8 | 725.3 | 725.1 |
| 35° | 754.4 | 704.6 | 670.8 | 655.5 | 640.3 | 629.7 | 630.3 |
| 37.5° | 645.6 | 615.7 | 596.9 | 580.0 | 570.5 | 565.3 | 562.4 |
| 40° | 589.9 | 565.3 | 550.7 | 540.8 | 532.8 | 525.5 | 524.2 |
| 42.5° | 545.8 | 525.5 | 510.9 | 503.1 | 495.6 | 490.5 | 489.1 |
| 45° | 484.4 | 467.8 | 454.5 | 445.9 | 442.6 | 437.9 | 437.9 |
| 47.5° | 430.9 | 414.6 | 404.2 | 398.8 | 393.1 | 390.0 | 389.9 |
| 50° | 394.8 | 382.2 | 372.9 | 369.6 | 364.9 | 362.9 | 362.3 |
| 52.5° | 362.4 | 353.0 | 346.4 | 344.1 | 342.1 | 339.6 | 340.0 |
| 55° | 318.5 | 313.2 | 310.5 | 308.5 | 305.2 | 301.2 | 303.9 |
| 57.5° | 281.5 | 276.9 | 269.8 | 263.5 | 260.5 | 257.7 | 258.8 |
| 60° | 255.5 | 246.2 | 236.9 | 229.6 | 227.6 | 221.6 | 221.6 |
| 62.5° | 222.5 | 209.5 | 198.1 | 194.0 | 192.0 | 189.2 | 188.7 |
| 65° | 171.2 | 165.9 | 163.2 | 160.6 | 159.2 | 159.2 | 157.9 |
| 67.5° | 141.9 | 139.7 | 136.8 | 136.2 | 134.8 | 134.4 | 134.0 |
| 70° | 125.4 | 122.7 | 121.4 | 120.8 | 119.4 | 120.1 | 118.1 |
| 72.5° | 109.5 | 107.4 | 107.1 | 105.4 | 104.6 | 104.7 | 103.2 |
| 75° | 86.3 | 86.3 | 85.6 | 84.9 | 83.6 | 82.9 | 83.6 |
| 77.5° | 66.4 | 66.5 | 65.3 | 65.2 | 65.0 | 65.2 | 64.5 |
| 80° | 53.1 | 53.7 | 53.1 | 52.4 | 51.8 | 52.4 | 51.8 |
| 82.5° | 41.9 | 41.0 | 40.9 | 40.7 | 40.6 | 40.2 | 40.1 |
| 85° | 23.9 | 24.5 | 23.9 | 23.2 | 23.2 | 23.2 | 23.9 |
| 87.5° | 10.5 | 10.6 | 10.7 | 10.7 | 10.7 | 10.7 | 10.2 |
| 90° | 7.5 | 7.9 | 8.2 | 8.3 | 8.4 | 8.6 | 8.7 |
| 92.5° | 8.1 | 8.2 | 8.4 | 8.5 | 8.6 | 8.6 | 8.7 |
| 95° | 13.7 | 14.0 | 14.2 | 14.1 | 14.0 | 14.0 | 13.9 |
| 97.5° | 17.7 | 18.0 | 18.2 | 18.3 | 18.4 | 18.5 | 18.6 |
| 100° | 20.2 | 20.7 | 21.1 | 21.2 | 21.4 | 21.5 | 21.7 |
| 102.5° | 21.2 | 21.9 | 22.4 | 22.6 | 22.8 | 23.0 | 23.2 |
| 105° | 22.1 | 22.9 | 23.4 | 23.7 | 24.0 | 24.3 | 24.6 |
| 107.5° | 25.2 | 24.4 | 24.1 | 24.4 | 24.7 | 25.0 | 25.3 |
| 110° | 35.0 | 27.8 | 24.4 | 24.7 | 25.0 | 25.3 | 25.5 |



TEST NUMBER: P331705

CATALOG NUMBER: S122RDIP-S865D330U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 64.1 | 37.9 | 24.9 | 25.1 | 25.3 | 25.6 | 25.8 |
| 115° | 99.7 | 66.4 | 47.2 | 42.0 | 36.9 | 31.7 | 26.5 |
| 117.5° | 196.8 | 188.8 | 176.3 | 159.3 | 142.3 | 125.3 | 108.3 |
| 120° | 239.6 | 240.4 | 236.0 | 226.3 | 216.6 | 206.9 | 197.2 |
| 122.5° | 253.8 | 254.3 | 253.6 | 251.8 | 249.9 | 248.0 | 246.1 |
| 125° | 274.7 | 275.2 | 275.6 | 275.8 | 276.0 | 276.2 | 276.4 |
| 127.5° | 294.3 | 295.0 | 295.4 | 295.5 | 295.5 | 295.5 | 295.6 |
| 130° | 306.6 | 307.4 | 307.8 | 307.7 | 307.6 | 307.6 | 307.5 |
| 132.5° | 318.4 | 319.1 | 319.4 | 319.3 | 319.3 | 319.2 | 319.1 |
| 135° | 335.5 | 336.2 | 336.5 | 336.4 | 336.2 | 336.1 | 335.9 |
| 137.5° | 351.3 | 352.0 | 352.2 | 352.0 | 351.8 | 351.5 | 351.3 |
| 140° | 361.5 | 362.1 | 362.3 | 361.9 | 361.6 | 361.2 | 360.8 |
| 142.5° | 370.9 | 371.5 | 371.6 | 371.2 | 370.9 | 370.5 | 370.1 |
| 145° | 384.0 | 384.5 | 384.6 | 384.2 | 383.9 | 383.5 | 383.1 |
| 147.5° | 395.4 | 395.8 | 395.8 | 395.5 | 395.2 | 394.9 | 394.6 |
| 150° | 402.5 | 403.0 | 403.0 | 402.7 | 402.3 | 401.9 | 401.6 |
| 152.5° | 409.0 | 409.4 | 409.4 | 408.9 | 408.5 | 408.0 | 407.5 |
| 155° | 417.7 | 418.2 | 418.1 | 417.5 | 417.0 | 416.4 | 415.8 |
| 157.5° | 425.2 | 425.6 | 425.6 | 425.0 | 424.5 | 423.9 | 423.4 |
| 160° | 429.4 | 429.8 | 429.8 | 429.3 | 428.8 | 428.3 | 427.8 |
| 162.5° | 433.4 | 433.9 | 433.9 | 433.2 | 432.6 | 432.0 | 431.4 |
| 165° | 438.3 | 438.8 | 438.8 | 438.3 | 437.8 | 437.3 | 436.8 |
| 167.5° | 442.4 | 442.9 | 442.8 | 442.2 | 441.5 | 440.9 | 440.2 |
| 170° | 444.5 | 445.0 | 444.9 | 444.3 | 443.6 | 443.0 | 442.3 |
| 172.5° | 446.0 | 446.5 | 446.5 | 445.8 | 445.2 | 444.5 | 443.9 |
| 175° | 447.7 | 448.2 | 448.1 | 447.4 | 446.7 | 445.9 | 445.2 |
| 177.5° | 447.8 | 448.2 | 448.1 | 447.6 | 447.1 | 446.6 | 446.1 |
| 180° | 446.8 | 446.8 | 446.8 | 446.8 | 446.8 | 446.8 | 446.8 |

(END OF REPORT)