

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: P331826

Luminaire Tested: **S122RDIW-S865D435U835-4F0-1E-UDD-A1**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P331826  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-8,  
Test Lab: INNOVATION CENTER  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: NEO-RAY  
Catalog Number: S122RDIW-S865D435U835-4F0-1E-UDD-A1  
Description: DEFINE 2 DIRECT-INDIRECT WALL MOUNT LED LUMINAIRE  
DOWNLIGHT 865 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING  
UPLIGHT 435 LUMENS PER FOOT, FLUSH SATIN WHITE DIFFUSER  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

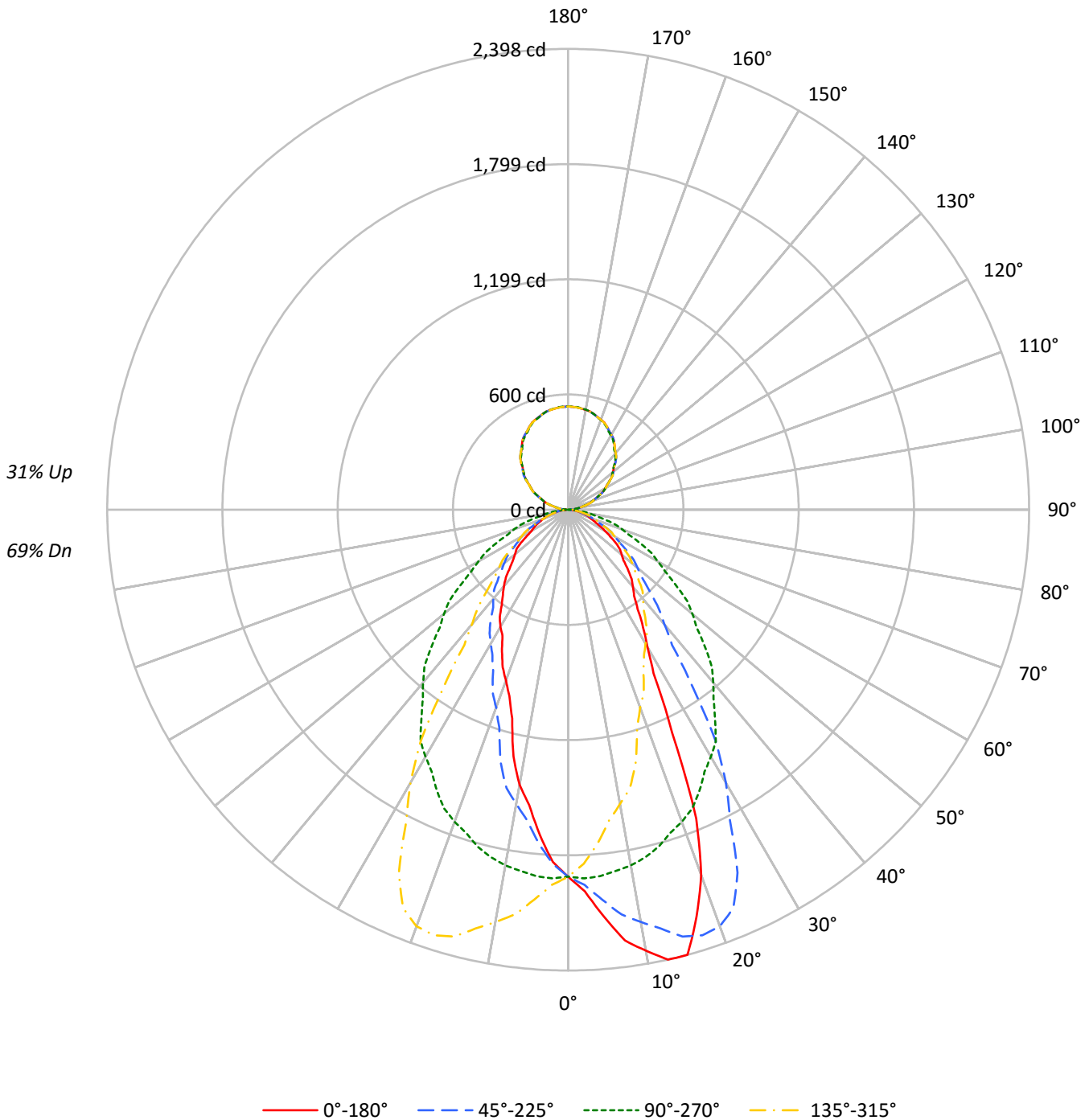
Lumens per Lamp: N/A  
Luminaire Lumens: 4803.5 lumens  
Efficiency: N/A  
Efficacy: 104.0 lumens/watt  
Spacing Criteria (0/90/45): 0.86 / 1.16 / 1.02  
Luminous Opening: Rectangular (W 4' x L: 0.17' x H: 0')  
CIE Type: Semi-Direct  
  
Input Watts (W): 46.2  
Input Voltage (V): 120  
Input Current (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: P331826

CATALOG NUMBER: S122RDIW-S865D435U835-4F0-1E-UDD-A1

### Luminous Intensity Polar Plot





TEST NUMBER: P331826

CATALOG NUMBER: S122RDIW-S865D435U835-4F0-1E-UDD-A1

**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

|     |     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |    |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |   |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|----|--|--|--|--|--|--|--|--|----|--|--|--|--|--|--|--|--|---|
| RF  | 20  |     |     |     |     |     |     |     |    | 20 |    |    |    |    |    |    |    |    | 20 |    |    |    |    |    |    |    |   | 20 |  |  |  |  |  |  |  |  | 20 |  |  |  |  |  |  |  |  |   |
| RC  | 80  |     |     |     |     |     |     |     |    | 70 |    |    |    |    |    |    |    |    | 50 |    |    |    |    |    |    |    |   | 30 |  |  |  |  |  |  |  |  | 10 |  |  |  |  |  |  |  |  | 0 |
| RW  | 70  | 50  | 30  | 10  | 70  | 50  | 30  | 10  | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0 |    |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |   |
| RCR |     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |    |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |   |
| 0   | 112 | 112 | 112 | 112 | 105 | 105 | 105 | 105 | 94 | 94 | 94 | 83 | 83 | 83 | 73 | 73 | 73 | 69 |    |    |    |    |    |    |    |    |   |    |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |   |
| 1   | 103 | 99  | 95  | 92  | 97  | 94  | 91  | 88  | 84 | 81 | 79 | 75 | 73 | 71 | 66 | 65 | 64 | 60 |    |    |    |    |    |    |    |    |   |    |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |   |
| 2   | 95  | 88  | 82  | 77  | 89  | 83  | 78  | 74  | 75 | 71 | 68 | 67 | 64 | 61 | 60 | 58 | 56 | 52 |    |    |    |    |    |    |    |    |   |    |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |   |
| 3   | 87  | 78  | 71  | 66  | 82  | 74  | 68  | 63  | 67 | 62 | 58 | 60 | 57 | 53 | 54 | 51 | 49 | 46 |    |    |    |    |    |    |    |    |   |    |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |   |
| 4   | 81  | 70  | 63  | 57  | 76  | 67  | 60  | 55  | 61 | 55 | 51 | 55 | 50 | 47 | 49 | 46 | 43 | 40 |    |    |    |    |    |    |    |    |   |    |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |   |
| 5   | 75  | 63  | 56  | 50  | 70  | 60  | 53  | 48  | 55 | 49 | 45 | 50 | 45 | 42 | 45 | 41 | 38 | 36 |    |    |    |    |    |    |    |    |   |    |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |   |
| 6   | 69  | 58  | 50  | 44  | 65  | 55  | 48  | 43  | 50 | 44 | 40 | 46 | 41 | 37 | 41 | 38 | 35 | 32 |    |    |    |    |    |    |    |    |   |    |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |   |
| 7   | 64  | 53  | 45  | 39  | 61  | 50  | 43  | 38  | 46 | 40 | 36 | 42 | 37 | 34 | 38 | 34 | 31 | 29 |    |    |    |    |    |    |    |    |   |    |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |   |
| 8   | 60  | 48  | 41  | 35  | 57  | 46  | 39  | 34  | 42 | 37 | 32 | 39 | 34 | 30 | 35 | 32 | 29 | 26 |    |    |    |    |    |    |    |    |   |    |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |   |
| 9   | 56  | 44  | 37  | 32  | 53  | 43  | 36  | 31  | 39 | 34 | 30 | 36 | 31 | 28 | 33 | 29 | 26 | 24 |    |    |    |    |    |    |    |    |   |    |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |   |
| 10  | 53  | 41  | 34  | 29  | 50  | 40  | 33  | 29  | 37 | 31 | 27 | 34 | 29 | 26 | 31 | 27 | 24 | 22 |    |    |    |    |    |    |    |    |   |    |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |   |

**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: P331826

CATALOG NUMBER: S122RDIW-S865D435U835-4F0-1E-UDD-A1

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 181.0  | 3.8       |
| 10°-20°   | 504.4  | 10.5      |
| 20°-30°   | 650.0  | 13.5      |
| 30°-40°   | 617.7  | 12.9      |
| 40°-50°   | 529.1  | 11.0      |
| 50°-60°   | 402.9  | 8.4       |
| 60°-70°   | 254.7  | 5.3       |
| 70°-80°   | 127.2  | 2.6       |
| 80°-90°   | 35.3   | 0.7       |
| 90°-100°  | 34.0   | 0.7       |
| 100°-110° | 105.7  | 2.2       |
| 110°-120° | 180.6  | 3.8       |
| 120°-130° | 237.5  | 4.9       |
| 130°-140° | 266.6  | 5.5       |
| 140°-150° | 261.4  | 5.4       |
| 150°-160° | 219.2  | 4.6       |
| 160°-170° | 145.4  | 3.0       |
| 170°-180° | 50.8   | 1.1       |
| 0°-30°    | 1335.4 | 27.8      |
| 0°-40°    | 1953.1 | 40.7      |
| 0°-60°    | 2885.1 | 60.1      |
| 0°-90°    | 3302.3 | 68.7      |
| 90°-120°  | 320.3  | 6.7       |
| 90°-150°  | 1085.7 | 22.6      |
| 90°-180°  | 1501.0 | 31.2      |
| 0°-180°   | 4803.5 | 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°  | 15   | 0    | 15   | 0    | 15   | 8    |
| 95°  | 28   | 24   | 28   | 24   | 28   | 31   |
| 105° | 101  | 97   | 101  | 97   | 101  | 106  |
| 115° | 181  | 181  | 181  | 181  | 181  | 179  |
| 125° | 265  | 264  | 265  | 264  | 265  | 236  |
| 135° | 345  | 341  | 345  | 341  | 345  | 266  |
| 145° | 419  | 414  | 419  | 414  | 419  | 261  |
| 155° | 477  | 473  | 477  | 473  | 477  | 220  |
| 165° | 516  | 515  | 516  | 515  | 516  | 145  |
| 175° | 534  | 536  | 534  | 536  | 534  | 51   |
| 180° | 537  | 537  | 537  | 537  | 537  |      |



TEST NUMBER: P331826

CATALOG NUMBER: S122RDIW-S865D435U835-4F0-1E-UDD-A1

**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°  | 11.6   | 12.1   | 12.1   | 12.0   | 12.0   | 12.0   | 12.1   | 12.6   | 12.2   | 12.7   | 11.8   |
| 90°    | 15.4   | 15.3   | 15.2   | 15.1   | 15.0   | 15.1   | 15.3   | 15.5   | 15.7   | 15.9   | 13.6   |
| 92.5°  | 14.7   | 14.7   | 14.6   | 14.6   | 14.6   | 14.6   | 14.5   | 14.5   | 14.4   | 14.4   | 13.9   |
| 95°    | 28.1   | 28.3   | 28.5   | 28.7   | 28.9   | 29.0   | 29.0   | 29.0   | 29.0   | 29.0   | 28.8   |
| 97.5°  | 48.7   | 48.7   | 48.7   | 48.7   | 48.7   | 48.7   | 48.7   | 48.7   | 48.7   | 48.7   | 48.4   |
| 100°   | 62.1   | 62.2   | 62.3   | 62.4   | 62.5   | 62.5   | 62.5   | 62.5   | 62.5   | 62.5   | 62.2   |
| 102.5° | 77.3   | 77.4   | 77.5   | 77.6   | 77.7   | 77.7   | 77.6   | 77.5   | 77.5   | 77.4   | 77.0   |
| 105°   | 100.6  | 100.6  | 100.6  | 100.6  | 100.6  | 100.5  | 100.3  | 100.1  | 99.9   | 99.7   | 99.5   |
| 107.5° | 122.5  | 123.0  | 123.4  | 123.9  | 124.4  | 124.6  | 124.5  | 124.4  | 124.3  | 124.2  | 124.2  |
| 110°   | 139.5  | 139.8  | 140.1  | 140.4  | 140.7  | 140.9  | 140.9  | 140.9  | 140.9  | 140.9  | 140.9  |



TEST NUMBER: P331826

CATALOG NUMBER: S122RDIW-S865D435U835-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 25°   | 30°   | 35°   | 40°   | 45°   | 50°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 155.9 | 156.1 | 156.3 | 156.5 | 156.7 | 157.0 | 157.2 | 157.5 | 157.7 | 157.9 | 158.0 |
| 115°   | 181.2 | 181.5 | 181.8 | 182.1 | 182.4 | 182.6 | 182.7 | 182.8 | 182.9 | 183.0 | 183.2 |
| 117.5° | 205.4 | 205.7 | 206.0 | 206.3 | 206.6 | 206.9 | 207.1 | 207.4 | 207.6 | 207.9 | 208.4 |
| 120°   | 222.5 | 222.8 | 223.1 | 223.4 | 223.7 | 223.8 | 223.8 | 223.8 | 223.8 | 223.8 | 224.6 |
| 122.5° | 239.1 | 239.3 | 239.6 | 239.8 | 240.0 | 240.2 | 240.5 | 240.7 | 241.0 | 241.2 | 241.8 |
| 125°   | 264.6 | 264.7 | 264.8 | 264.9 | 265.0 | 265.2 | 265.5 | 265.8 | 266.1 | 266.4 | 266.7 |
| 127.5° | 287.8 | 288.1 | 288.4 | 288.7 | 289.1 | 289.4 | 289.8 | 290.1 | 290.5 | 290.9 | 291.2 |
| 130°   | 304.5 | 304.9 | 305.3 | 305.7 | 306.1 | 306.4 | 306.6 | 306.8 | 307.0 | 307.2 | 307.4 |
| 132.5° | 320.4 | 320.7 | 321.0 | 321.4 | 321.7 | 322.1 | 322.5 | 323.0 | 323.4 | 323.8 | 323.8 |
| 135°   | 345.2 | 345.5 | 345.8 | 346.1 | 346.4 | 346.6 | 346.7 | 346.8 | 346.9 | 347.0 | 346.8 |
| 137.5° | 367.7 | 368.1 | 368.5 | 368.9 | 369.3 | 369.6 | 369.6 | 369.7 | 369.8 | 369.9 | 369.6 |
| 140°   | 383.3 | 383.7 | 384.1 | 384.5 | 384.9 | 385.1 | 385.1 | 385.1 | 385.1 | 385.1 | 384.6 |
| 142.5° | 397.4 | 397.8 | 398.2 | 398.6 | 399.0 | 399.2 | 399.1 | 399.0 | 399.0 | 398.9 | 398.5 |
| 145°   | 418.6 | 419.0 | 419.4 | 419.8 | 420.2 | 420.4 | 420.3 | 420.2 | 420.1 | 420.0 | 419.4 |
| 147.5° | 437.6 | 437.9 | 438.3 | 438.7 | 439.1 | 439.2 | 439.0 | 438.7 | 438.5 | 438.3 | 437.9 |
| 150°   | 449.9 | 450.2 | 450.5 | 450.8 | 451.1 | 451.1 | 450.8 | 450.5 | 450.2 | 449.9 | 449.5 |
| 152.5° | 461.5 | 461.9 | 462.2 | 462.6 | 463.0 | 463.0 | 462.6 | 462.2 | 461.9 | 461.5 | 461.0 |
| 155°   | 477.1 | 477.4 | 477.7 | 478.0 | 478.3 | 478.2 | 477.7 | 477.2 | 476.7 | 476.2 | 475.9 |
| 157.5° | 490.5 | 491.0 | 491.4 | 491.9 | 492.4 | 492.3 | 491.6 | 490.9 | 490.3 | 489.6 | 489.4 |
| 160°   | 498.8 | 499.2 | 499.6 | 500.0 | 500.4 | 500.3 | 499.7 | 499.1 | 498.5 | 497.9 | 497.8 |
| 162.5° | 506.1 | 506.5 | 507.0 | 507.5 | 508.0 | 507.9 | 507.2 | 506.5 | 505.8 | 505.2 | 505.1 |
| 165°   | 515.6 | 516.1 | 516.6 | 517.1 | 517.6 | 517.5 | 516.8 | 516.1 | 515.4 | 514.7 | 514.7 |
| 167.5° | 523.4 | 523.9 | 524.4 | 524.9 | 525.5 | 525.4 | 524.7 | 524.0 | 523.3 | 522.6 | 522.6 |
| 170°   | 527.4 | 528.0 | 528.6 | 529.2 | 529.8 | 529.7 | 529.0 | 528.3 | 527.6 | 526.9 | 527.0 |
| 172.5° | 530.6 | 531.2 | 531.8 | 532.4 | 533.0 | 533.0 | 532.3 | 531.6 | 530.9 | 530.2 | 530.3 |
| 175°   | 534.2 | 534.8 | 535.4 | 536.0 | 536.6 | 536.5 | 535.8 | 535.1 | 534.4 | 533.7 | 533.9 |
| 177.5° | 535.8 | 536.3 | 536.8 | 537.2 | 537.7 | 537.7 | 537.2 | 536.8 | 536.3 | 535.8 | 535.9 |
| 180°   | 536.9 | 536.9 | 536.9 | 536.9 | 536.9 | 536.9 | 536.9 | 536.9 | 536.9 | 536.9 | 536.9 |



TEST NUMBER: P331826

CATALOG NUMBER: S122RDIW-S865D435U835-4F0-1E-UDD-A1

**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°  | 11.3   | 11.4   | 11.0   | 10.1   | 10.4   | 10.7   | 13.1   | 15.5   | 13.6   | 12.3   | 11.4   |
| 90°    | 11.4   | 9.2    | 7.0    | 5.3    | 4.1    | 2.9    | 1.7    | 0.5    | 1.7    | 2.9    | 4.1    |
| 92.5°  | 13.4   | 12.8   | 12.3   | 11.6   | 10.7   | 9.8    | 9.0    | 8.1    | 9.0    | 9.8    | 10.7   |
| 95°    | 28.6   | 28.4   | 28.2   | 27.6   | 26.6   | 25.6   | 24.6   | 23.6   | 24.6   | 25.6   | 26.6   |
| 97.5°  | 48.0   | 47.6   | 47.2   | 46.6   | 45.7   | 44.8   | 43.9   | 43.0   | 43.9   | 44.8   | 45.7   |
| 100°   | 61.9   | 61.6   | 61.3   | 60.8   | 60.0   | 59.1   | 58.3   | 57.5   | 58.3   | 59.1   | 60.0   |
| 102.5° | 76.6   | 76.2   | 75.9   | 75.3   | 74.7   | 74.0   | 73.4   | 72.8   | 73.4   | 74.0   | 74.7   |
| 105°   | 99.3   | 99.1   | 98.9   | 98.6   | 98.3   | 98.0   | 97.7   | 97.4   | 97.7   | 98.0   | 98.3   |
| 107.5° | 124.2  | 124.2  | 124.2  | 124.0  | 123.6  | 123.1  | 122.7  | 122.2  | 122.7  | 123.1  | 123.6  |
| 110°   | 140.9  | 140.9  | 140.9  | 140.6  | 140.0  | 139.4  | 138.8  | 138.2  | 138.8  | 139.4  | 140.0  |





TEST NUMBER: P331826

CATALOG NUMBER: S122RDIW-S865D435U835-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 55°   | 60°   | 65°   | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   | 100°  | 105°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 158.1 | 158.2 | 158.3 | 158.0 | 157.4 | 156.8 | 156.2 | 155.6 | 156.2 | 156.8 | 157.4 |
| 115°   | 183.4 | 183.6 | 183.8 | 183.6 | 183.0 | 182.4 | 181.8 | 181.2 | 181.8 | 182.4 | 183.0 |
| 117.5° | 209.0 | 209.6 | 210.1 | 210.0 | 209.2 | 208.4 | 207.6 | 206.8 | 207.6 | 208.4 | 209.2 |
| 120°   | 225.4 | 226.2 | 227.0 | 227.0 | 226.2 | 225.4 | 224.6 | 223.8 | 224.6 | 225.4 | 226.2 |
| 122.5° | 242.3 | 242.9 | 243.5 | 243.3 | 242.3 | 241.3 | 240.4 | 239.4 | 240.4 | 241.3 | 242.3 |
| 125°   | 267.0 | 267.3 | 267.6 | 267.3 | 266.4 | 265.5 | 264.6 | 263.7 | 264.6 | 265.5 | 266.4 |
| 127.5° | 291.6 | 292.0 | 292.3 | 291.9 | 290.8 | 289.6 | 288.5 | 287.3 | 288.5 | 289.6 | 290.8 |
| 130°   | 307.6 | 307.8 | 308.0 | 307.4 | 306.1 | 304.8 | 303.5 | 302.2 | 303.5 | 304.8 | 306.1 |
| 132.5° | 323.8 | 323.7 | 323.7 | 323.1 | 322.1 | 321.0 | 319.9 | 318.9 | 319.9 | 321.0 | 322.1 |
| 135°   | 346.6 | 346.4 | 346.2 | 345.6 | 344.5 | 343.4 | 342.3 | 341.2 | 342.3 | 343.4 | 344.5 |
| 137.5° | 369.4 | 369.1 | 368.8 | 368.2 | 367.3 | 366.4 | 365.5 | 364.6 | 365.5 | 366.4 | 367.3 |
| 140°   | 384.1 | 383.6 | 383.1 | 382.4 | 381.5 | 380.6 | 379.7 | 378.8 | 379.7 | 380.6 | 381.5 |
| 142.5° | 398.2 | 397.8 | 397.5 | 396.9 | 396.0 | 395.1 | 394.2 | 393.3 | 394.2 | 395.1 | 396.0 |
| 145°   | 418.8 | 418.2 | 417.6 | 416.9 | 416.2 | 415.5 | 414.8 | 414.1 | 414.8 | 415.5 | 416.2 |
| 147.5° | 437.5 | 437.1 | 436.7 | 436.1 | 435.2 | 434.4 | 433.5 | 432.7 | 433.5 | 434.4 | 435.2 |
| 150°   | 449.1 | 448.7 | 448.3 | 447.8 | 447.2 | 446.6 | 446.0 | 445.4 | 446.0 | 446.6 | 447.2 |
| 152.5° | 460.5 | 460.0 | 459.6 | 459.0 | 458.4 | 457.8 | 457.2 | 456.6 | 457.2 | 457.8 | 458.4 |
| 155°   | 475.6 | 475.3 | 475.0 | 474.7 | 474.4 | 474.0 | 473.7 | 473.4 | 473.7 | 474.0 | 474.4 |
| 157.5° | 489.2 | 489.0 | 488.8 | 488.7 | 488.5 | 488.3 | 488.1 | 487.9 | 488.1 | 488.3 | 488.5 |
| 160°   | 497.7 | 497.6 | 497.5 | 497.4 | 497.2 | 497.0 | 496.8 | 496.6 | 496.8 | 497.0 | 497.2 |
| 162.5° | 505.0 | 504.9 | 504.8 | 504.7 | 504.6 | 504.6 | 504.6 | 504.5 | 504.6 | 504.6 | 504.6 |
| 165°   | 514.7 | 514.7 | 514.7 | 514.7 | 514.8 | 514.9 | 515.0 | 515.1 | 515.0 | 514.9 | 514.8 |
| 167.5° | 522.6 | 522.6 | 522.6 | 522.8 | 523.1 | 523.4 | 523.7 | 524.0 | 523.7 | 523.4 | 523.1 |
| 170°   | 527.1 | 527.2 | 527.3 | 527.5 | 527.8 | 528.1 | 528.4 | 528.7 | 528.4 | 528.1 | 527.8 |
| 172.5° | 530.4 | 530.5 | 530.6 | 530.8 | 531.1 | 531.4 | 531.7 | 532.0 | 531.7 | 531.4 | 531.1 |
| 175°   | 534.1 | 534.3 | 534.5 | 534.8 | 535.1 | 535.4 | 535.7 | 536.0 | 535.7 | 535.4 | 535.1 |
| 177.5° | 536.1 | 536.3 | 536.4 | 536.6 | 536.9 | 537.1 | 537.4 | 537.6 | 537.4 | 537.1 | 536.9 |
| 180°   | 536.9 | 536.9 | 536.9 | 536.9 | 536.9 | 536.9 | 536.9 | 536.9 | 536.9 | 536.9 | 536.9 |



TEST NUMBER: P331826

CATALOG NUMBER: S122RDIW-S865D435U835-4F0-1E-UDD-A1

**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°  | 11.1   | 11.0   | 10.3   | 10.8   | 11.2   | 11.1   | 11.1   | 10.5   | 10.5   | 10.4   | 9.9    |
| 90°    | 5.3    | 7.0    | 9.2    | 11.4   | 13.6   | 15.9   | 15.7   | 15.5   | 15.3   | 15.1   | 15.0   |
| 92.5°  | 11.6   | 12.3   | 12.8   | 13.4   | 13.9   | 14.4   | 14.4   | 14.5   | 14.5   | 14.6   | 14.6   |
| 95°    | 27.6   | 28.2   | 28.4   | 28.6   | 28.8   | 29.0   | 29.0   | 29.0   | 29.0   | 29.0   | 28.9   |
| 97.5°  | 46.6   | 47.2   | 47.6   | 48.0   | 48.4   | 48.7   | 48.7   | 48.7   | 48.7   | 48.7   | 48.7   |
| 100°   | 60.8   | 61.3   | 61.6   | 61.9   | 62.2   | 62.5   | 62.5   | 62.5   | 62.5   | 62.5   | 62.5   |
| 102.5° | 75.3   | 75.9   | 76.2   | 76.6   | 77.0   | 77.4   | 77.5   | 77.5   | 77.6   | 77.7   | 77.7   |
| 105°   | 98.6   | 98.9   | 99.1   | 99.3   | 99.5   | 99.7   | 99.9   | 100.1  | 100.3  | 100.5  | 100.6  |
| 107.5° | 124.0  | 124.2  | 124.2  | 124.2  | 124.2  | 124.2  | 124.3  | 124.4  | 124.5  | 124.6  | 124.4  |
| 110°   | 140.6  | 140.9  | 140.9  | 140.9  | 140.9  | 140.9  | 140.9  | 140.9  | 140.9  | 140.9  | 140.7  |



TEST NUMBER: P331826

CATALOG NUMBER: S122RDIW-S865D435U835-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 110°  | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  | 150°  | 155°  | 160°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 158.0 | 158.3 | 158.2 | 158.1 | 158.0 | 157.9 | 157.7 | 157.5 | 157.2 | 157.0 | 156.7 |
| 115°   | 183.6 | 183.8 | 183.6 | 183.4 | 183.2 | 183.0 | 182.9 | 182.8 | 182.7 | 182.6 | 182.4 |
| 117.5° | 210.0 | 210.1 | 209.6 | 209.0 | 208.4 | 207.9 | 207.6 | 207.4 | 207.1 | 206.9 | 206.6 |
| 120°   | 227.0 | 227.0 | 226.2 | 225.4 | 224.6 | 223.8 | 223.8 | 223.8 | 223.8 | 223.8 | 223.7 |
| 122.5° | 243.3 | 243.5 | 242.9 | 242.3 | 241.8 | 241.2 | 241.0 | 240.7 | 240.5 | 240.2 | 240.0 |
| 125°   | 267.3 | 267.6 | 267.3 | 267.0 | 266.7 | 266.4 | 266.1 | 265.8 | 265.5 | 265.2 | 265.0 |
| 127.5° | 291.9 | 292.3 | 292.0 | 291.6 | 291.2 | 290.9 | 290.5 | 290.1 | 289.8 | 289.4 | 289.1 |
| 130°   | 307.4 | 308.0 | 307.8 | 307.6 | 307.4 | 307.2 | 307.0 | 306.8 | 306.6 | 306.4 | 306.1 |
| 132.5° | 323.1 | 323.7 | 323.7 | 323.8 | 323.8 | 323.8 | 323.4 | 323.0 | 322.5 | 322.1 | 321.7 |
| 135°   | 345.6 | 346.2 | 346.4 | 346.6 | 346.8 | 347.0 | 346.9 | 346.8 | 346.7 | 346.6 | 346.4 |
| 137.5° | 368.2 | 368.8 | 369.1 | 369.4 | 369.6 | 369.9 | 369.8 | 369.7 | 369.6 | 369.6 | 369.3 |
| 140°   | 382.4 | 383.1 | 383.6 | 384.1 | 384.6 | 385.1 | 385.1 | 385.1 | 385.1 | 385.1 | 384.9 |
| 142.5° | 396.9 | 397.5 | 397.8 | 398.2 | 398.5 | 398.9 | 399.0 | 399.0 | 399.1 | 399.2 | 399.0 |
| 145°   | 416.9 | 417.6 | 418.2 | 418.8 | 419.4 | 420.0 | 420.1 | 420.2 | 420.3 | 420.4 | 420.2 |
| 147.5° | 436.1 | 436.7 | 437.1 | 437.5 | 437.9 | 438.3 | 438.5 | 438.7 | 439.0 | 439.2 | 439.1 |
| 150°   | 447.8 | 448.3 | 448.7 | 449.1 | 449.5 | 449.9 | 450.2 | 450.5 | 450.8 | 451.1 | 451.1 |
| 152.5° | 459.0 | 459.6 | 460.0 | 460.5 | 461.0 | 461.5 | 461.9 | 462.2 | 462.6 | 463.0 | 463.0 |
| 155°   | 474.7 | 475.0 | 475.3 | 475.6 | 475.9 | 476.2 | 476.7 | 477.2 | 477.7 | 478.2 | 478.3 |
| 157.5° | 488.7 | 488.8 | 489.0 | 489.2 | 489.4 | 489.6 | 490.3 | 490.9 | 491.6 | 492.3 | 492.4 |
| 160°   | 497.4 | 497.5 | 497.6 | 497.7 | 497.8 | 497.9 | 498.5 | 499.1 | 499.7 | 500.3 | 500.4 |
| 162.5° | 504.7 | 504.8 | 504.9 | 505.0 | 505.1 | 505.2 | 505.8 | 506.5 | 507.2 | 507.9 | 508.0 |
| 165°   | 514.7 | 514.7 | 514.7 | 514.7 | 514.7 | 514.7 | 515.4 | 516.1 | 516.8 | 517.5 | 517.6 |
| 167.5° | 522.8 | 522.6 | 522.6 | 522.6 | 522.6 | 522.6 | 523.3 | 524.0 | 524.7 | 525.4 | 525.5 |
| 170°   | 527.5 | 527.3 | 527.2 | 527.1 | 527.0 | 526.9 | 527.6 | 528.3 | 529.0 | 529.7 | 529.8 |
| 172.5° | 530.8 | 530.6 | 530.5 | 530.4 | 530.3 | 530.2 | 530.9 | 531.6 | 532.3 | 533.0 | 533.0 |
| 175°   | 534.8 | 534.5 | 534.3 | 534.1 | 533.9 | 533.7 | 534.4 | 535.1 | 535.8 | 536.5 | 536.6 |
| 177.5° | 536.6 | 536.4 | 536.3 | 536.1 | 535.9 | 535.8 | 536.3 | 536.8 | 537.2 | 537.7 | 537.7 |
| 180°   | 536.9 | 536.9 | 536.9 | 536.9 | 536.9 | 536.9 | 536.9 | 536.9 | 536.9 | 536.9 | 536.9 |



TEST NUMBER: P331826

CATALOG NUMBER: S122RDIW-S865D435U835-4F0-1E-UDD-A1

**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°  | 9.9    | 9.4    | 10.0   | 9.5    | 10.0   | 9.4    | 9.9    | 9.9    | 10.4   | 10.5   | 10.5   |
| 90°    | 15.1   | 15.2   | 15.3   | 15.4   | 15.3   | 15.2   | 15.1   | 15.0   | 15.1   | 15.3   | 15.5   |
| 92.5°  | 14.6   | 14.6   | 14.7   | 14.7   | 14.7   | 14.6   | 14.6   | 14.6   | 14.6   | 14.5   | 14.5   |
| 95°    | 28.7   | 28.5   | 28.3   | 28.1   | 28.3   | 28.5   | 28.7   | 28.9   | 29.0   | 29.0   | 29.0   |
| 97.5°  | 48.7   | 48.7   | 48.7   | 48.7   | 48.7   | 48.7   | 48.7   | 48.7   | 48.7   | 48.7   | 48.7   |
| 100°   | 62.4   | 62.3   | 62.2   | 62.1   | 62.2   | 62.3   | 62.4   | 62.5   | 62.5   | 62.5   | 62.5   |
| 102.5° | 77.6   | 77.5   | 77.4   | 77.3   | 77.4   | 77.5   | 77.6   | 77.7   | 77.7   | 77.6   | 77.5   |
| 105°   | 100.6  | 100.6  | 100.6  | 100.6  | 100.6  | 100.6  | 100.6  | 100.6  | 100.5  | 100.3  | 100.1  |
| 107.5° | 123.9  | 123.4  | 123.0  | 122.5  | 123.0  | 123.4  | 123.9  | 124.4  | 124.6  | 124.5  | 124.4  |
| 110°   | 140.4  | 140.1  | 139.8  | 139.5  | 139.8  | 140.1  | 140.4  | 140.7  | 140.9  | 140.9  | 140.9  |



TEST NUMBER: P331826

CATALOG NUMBER: S122RDIW-S865D435U835-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  | 200°  | 205°  | 210°  | 215°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 156.5 | 156.3 | 156.1 | 155.9 | 156.1 | 156.3 | 156.5 | 156.7 | 157.0 | 157.2 | 157.5 |
| 115°   | 182.1 | 181.8 | 181.5 | 181.2 | 181.5 | 181.8 | 182.1 | 182.4 | 182.6 | 182.7 | 182.8 |
| 117.5° | 206.3 | 206.0 | 205.7 | 205.4 | 205.7 | 206.0 | 206.3 | 206.6 | 206.9 | 207.1 | 207.4 |
| 120°   | 223.4 | 223.1 | 222.8 | 222.5 | 222.8 | 223.1 | 223.4 | 223.7 | 223.8 | 223.8 | 223.8 |
| 122.5° | 239.8 | 239.6 | 239.3 | 239.1 | 239.3 | 239.6 | 239.8 | 240.0 | 240.2 | 240.5 | 240.7 |
| 125°   | 264.9 | 264.8 | 264.7 | 264.6 | 264.7 | 264.8 | 264.9 | 265.0 | 265.2 | 265.5 | 265.8 |
| 127.5° | 288.7 | 288.4 | 288.1 | 287.8 | 288.1 | 288.4 | 288.7 | 289.1 | 289.4 | 289.8 | 290.1 |
| 130°   | 305.7 | 305.3 | 304.9 | 304.5 | 304.9 | 305.3 | 305.7 | 306.1 | 306.4 | 306.6 | 306.8 |
| 132.5° | 321.4 | 321.0 | 320.7 | 320.4 | 320.7 | 321.0 | 321.4 | 321.7 | 322.1 | 322.5 | 323.0 |
| 135°   | 346.1 | 345.8 | 345.5 | 345.2 | 345.5 | 345.8 | 346.1 | 346.4 | 346.6 | 346.7 | 346.8 |
| 137.5° | 368.9 | 368.5 | 368.1 | 367.7 | 368.1 | 368.5 | 368.9 | 369.3 | 369.6 | 369.6 | 369.7 |
| 140°   | 384.5 | 384.1 | 383.7 | 383.3 | 383.7 | 384.1 | 384.5 | 384.9 | 385.1 | 385.1 | 385.1 |
| 142.5° | 398.6 | 398.2 | 397.8 | 397.4 | 397.8 | 398.2 | 398.6 | 399.0 | 399.2 | 399.1 | 399.0 |
| 145°   | 419.8 | 419.4 | 419.0 | 418.6 | 419.0 | 419.4 | 419.8 | 420.2 | 420.4 | 420.3 | 420.2 |
| 147.5° | 438.7 | 438.3 | 437.9 | 437.6 | 437.9 | 438.3 | 438.7 | 439.1 | 439.2 | 439.0 | 438.7 |
| 150°   | 450.8 | 450.5 | 450.2 | 449.9 | 450.2 | 450.5 | 450.8 | 451.1 | 451.1 | 450.8 | 450.5 |
| 152.5° | 462.6 | 462.2 | 461.9 | 461.5 | 461.9 | 462.2 | 462.6 | 463.0 | 463.0 | 462.6 | 462.2 |
| 155°   | 478.0 | 477.7 | 477.4 | 477.1 | 477.4 | 477.7 | 478.0 | 478.3 | 478.2 | 477.7 | 477.2 |
| 157.5° | 491.9 | 491.4 | 491.0 | 490.5 | 491.0 | 491.4 | 491.9 | 492.4 | 492.3 | 491.6 | 490.9 |
| 160°   | 500.0 | 499.6 | 499.2 | 498.8 | 499.2 | 499.6 | 500.0 | 500.4 | 500.3 | 499.7 | 499.1 |
| 162.5° | 507.5 | 507.0 | 506.5 | 506.1 | 506.5 | 507.0 | 507.5 | 508.0 | 507.9 | 507.2 | 506.5 |
| 165°   | 517.1 | 516.6 | 516.1 | 515.6 | 516.1 | 516.6 | 517.1 | 517.6 | 517.5 | 516.8 | 516.1 |
| 167.5° | 524.9 | 524.4 | 523.9 | 523.4 | 523.9 | 524.4 | 524.9 | 525.5 | 525.4 | 524.7 | 524.0 |
| 170°   | 529.2 | 528.6 | 528.0 | 527.4 | 528.0 | 528.6 | 529.2 | 529.8 | 529.7 | 529.0 | 528.3 |
| 172.5° | 532.4 | 531.8 | 531.2 | 530.6 | 531.2 | 531.8 | 532.4 | 533.0 | 533.0 | 532.3 | 531.6 |
| 175°   | 536.0 | 535.4 | 534.8 | 534.2 | 534.8 | 535.4 | 536.0 | 536.6 | 536.5 | 535.8 | 535.1 |
| 177.5° | 537.2 | 536.8 | 536.3 | 535.8 | 536.3 | 536.8 | 537.2 | 537.7 | 537.7 | 537.2 | 536.8 |
| 180°   | 536.9 | 536.9 | 536.9 | 536.9 | 536.9 | 536.9 | 536.9 | 536.9 | 536.9 | 536.9 | 536.9 |



TEST NUMBER: P331826

CATALOG NUMBER: S122RDIW-S865D435U835-4F0-1E-UDD-A1

**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°  | 11.1   | 11.1   | 11.2   | 10.8   | 10.3   | 11.0   | 11.1   | 11.4   | 12.3   | 13.6   | 15.5   |
| 90°    | 15.7   | 15.9   | 13.6   | 11.4   | 9.2    | 7.0    | 5.3    | 4.1    | 2.9    | 1.7    | 0.5    |
| 92.5°  | 14.4   | 14.4   | 13.9   | 13.4   | 12.8   | 12.3   | 11.6   | 10.7   | 9.8    | 9.0    | 8.1    |
| 95°    | 29.0   | 29.0   | 28.8   | 28.6   | 28.4   | 28.2   | 27.6   | 26.6   | 25.6   | 24.6   | 23.6   |
| 97.5°  | 48.7   | 48.7   | 48.4   | 48.0   | 47.6   | 47.2   | 46.6   | 45.7   | 44.8   | 43.9   | 43.0   |
| 100°   | 62.5   | 62.5   | 62.2   | 61.9   | 61.6   | 61.3   | 60.8   | 60.0   | 59.1   | 58.3   | 57.5   |
| 102.5° | 77.5   | 77.4   | 77.0   | 76.6   | 76.2   | 75.9   | 75.3   | 74.7   | 74.0   | 73.4   | 72.8   |
| 105°   | 99.9   | 99.7   | 99.5   | 99.3   | 99.1   | 98.9   | 98.6   | 98.3   | 98.0   | 97.7   | 97.4   |
| 107.5° | 124.3  | 124.2  | 124.2  | 124.2  | 124.2  | 124.2  | 124.0  | 123.6  | 123.1  | 122.7  | 122.2  |
| 110°   | 140.9  | 140.9  | 140.9  | 140.9  | 140.9  | 140.9  | 140.6  | 140.0  | 139.4  | 138.8  | 138.2  |



TEST NUMBER: P331826

CATALOG NUMBER: S122RDIW-S865D435U835-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  | 250°  | 255°  | 260°  | 265°  | 270°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 157.7 | 157.9 | 158.0 | 158.1 | 158.2 | 158.3 | 158.0 | 157.4 | 156.8 | 156.2 | 155.6 |
| 115°   | 182.9 | 183.0 | 183.2 | 183.4 | 183.6 | 183.8 | 183.6 | 183.0 | 182.4 | 181.8 | 181.2 |
| 117.5° | 207.6 | 207.9 | 208.4 | 209.0 | 209.6 | 210.1 | 210.0 | 209.2 | 208.4 | 207.6 | 206.8 |
| 120°   | 223.8 | 223.8 | 224.6 | 225.4 | 226.2 | 227.0 | 227.0 | 226.2 | 225.4 | 224.6 | 223.8 |
| 122.5° | 241.0 | 241.2 | 241.8 | 242.3 | 242.9 | 243.5 | 243.3 | 242.3 | 241.3 | 240.4 | 239.4 |
| 125°   | 266.1 | 266.4 | 266.7 | 267.0 | 267.3 | 267.6 | 267.3 | 266.4 | 265.5 | 264.6 | 263.7 |
| 127.5° | 290.5 | 290.9 | 291.2 | 291.6 | 292.0 | 292.3 | 291.9 | 290.8 | 289.6 | 288.5 | 287.3 |
| 130°   | 307.0 | 307.2 | 307.4 | 307.6 | 307.8 | 308.0 | 307.4 | 306.1 | 304.8 | 303.5 | 302.2 |
| 132.5° | 323.4 | 323.8 | 323.8 | 323.8 | 323.7 | 323.7 | 323.1 | 322.1 | 321.0 | 319.9 | 318.9 |
| 135°   | 346.9 | 347.0 | 346.8 | 346.6 | 346.4 | 346.2 | 345.6 | 344.5 | 343.4 | 342.3 | 341.2 |
| 137.5° | 369.8 | 369.9 | 369.6 | 369.4 | 369.1 | 368.8 | 368.2 | 367.3 | 366.4 | 365.5 | 364.6 |
| 140°   | 385.1 | 385.1 | 384.6 | 384.1 | 383.6 | 383.1 | 382.4 | 381.5 | 380.6 | 379.7 | 378.8 |
| 142.5° | 399.0 | 398.9 | 398.5 | 398.2 | 397.8 | 397.5 | 396.9 | 396.0 | 395.1 | 394.2 | 393.3 |
| 145°   | 420.1 | 420.0 | 419.4 | 418.8 | 418.2 | 417.6 | 416.9 | 416.2 | 415.5 | 414.8 | 414.1 |
| 147.5° | 438.5 | 438.3 | 437.9 | 437.5 | 437.1 | 436.7 | 436.1 | 435.2 | 434.4 | 433.5 | 432.7 |
| 150°   | 450.2 | 449.9 | 449.5 | 449.1 | 448.7 | 448.3 | 447.8 | 447.2 | 446.6 | 446.0 | 445.4 |
| 152.5° | 461.9 | 461.5 | 461.0 | 460.5 | 460.0 | 459.6 | 459.0 | 458.4 | 457.8 | 457.2 | 456.6 |
| 155°   | 476.7 | 476.2 | 475.9 | 475.6 | 475.3 | 475.0 | 474.7 | 474.4 | 474.0 | 473.7 | 473.4 |
| 157.5° | 490.3 | 489.6 | 489.4 | 489.2 | 489.0 | 488.8 | 488.7 | 488.5 | 488.3 | 488.1 | 487.9 |
| 160°   | 498.5 | 497.9 | 497.8 | 497.7 | 497.6 | 497.5 | 497.4 | 497.2 | 497.0 | 496.8 | 496.6 |
| 162.5° | 505.8 | 505.2 | 505.1 | 505.0 | 504.9 | 504.8 | 504.7 | 504.6 | 504.6 | 504.6 | 504.5 |
| 165°   | 515.4 | 514.7 | 514.7 | 514.7 | 514.7 | 514.7 | 514.7 | 514.8 | 514.9 | 515.0 | 515.1 |
| 167.5° | 523.3 | 522.6 | 522.6 | 522.6 | 522.6 | 522.6 | 522.8 | 523.1 | 523.4 | 523.7 | 524.0 |
| 170°   | 527.6 | 526.9 | 527.0 | 527.1 | 527.2 | 527.3 | 527.5 | 527.8 | 528.1 | 528.4 | 528.7 |
| 172.5° | 530.9 | 530.2 | 530.3 | 530.4 | 530.5 | 530.6 | 530.8 | 531.1 | 531.4 | 531.7 | 532.0 |
| 175°   | 534.4 | 533.7 | 533.9 | 534.1 | 534.3 | 534.5 | 534.8 | 535.1 | 535.4 | 535.7 | 536.0 |
| 177.5° | 536.3 | 535.8 | 535.9 | 536.1 | 536.3 | 536.4 | 536.6 | 536.9 | 537.1 | 537.4 | 537.6 |
| 180°   | 536.9 | 536.9 | 536.9 | 536.9 | 536.9 | 536.9 | 536.9 | 536.9 | 536.9 | 536.9 | 536.9 |



TEST NUMBER: P331826

CATALOG NUMBER: S122RDIW-S865D435U835-4F0-1E-UDD-A1

**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°  | 13.1   | 10.7   | 10.4   | 10.1   | 11.0   | 11.4   | 11.3   | 11.8   | 12.7   | 12.2   | 12.6   |
| 90°    | 1.7    | 2.9    | 4.1    | 5.3    | 7.0    | 9.2    | 11.4   | 13.6   | 15.9   | 15.7   | 15.5   |
| 92.5°  | 9.0    | 9.8    | 10.7   | 11.6   | 12.3   | 12.8   | 13.4   | 13.9   | 14.4   | 14.4   | 14.5   |
| 95°    | 24.6   | 25.6   | 26.6   | 27.6   | 28.2   | 28.4   | 28.6   | 28.8   | 29.0   | 29.0   | 29.0   |
| 97.5°  | 43.9   | 44.8   | 45.7   | 46.6   | 47.2   | 47.6   | 48.0   | 48.4   | 48.7   | 48.7   | 48.7   |
| 100°   | 58.3   | 59.1   | 60.0   | 60.8   | 61.3   | 61.6   | 61.9   | 62.2   | 62.5   | 62.5   | 62.5   |
| 102.5° | 73.4   | 74.0   | 74.7   | 75.3   | 75.9   | 76.2   | 76.6   | 77.0   | 77.4   | 77.5   | 77.5   |
| 105°   | 97.7   | 98.0   | 98.3   | 98.6   | 98.9   | 99.1   | 99.3   | 99.5   | 99.7   | 99.9   | 100.1  |
| 107.5° | 122.7  | 123.1  | 123.6  | 124.0  | 124.2  | 124.2  | 124.2  | 124.2  | 124.2  | 124.3  | 124.4  |
| 110°   | 138.8  | 139.4  | 140.0  | 140.6  | 140.9  | 140.9  | 140.9  | 140.9  | 140.9  | 140.9  | 140.9  |





TEST NUMBER: P331826

CATALOG NUMBER: S122RDIW-S865D435U835-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 275°  | 280°  | 285°  | 290°  | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 156.2 | 156.8 | 157.4 | 158.0 | 158.3 | 158.2 | 158.1 | 158.0 | 157.9 | 157.7 | 157.5 |
| 115°   | 181.8 | 182.4 | 183.0 | 183.6 | 183.8 | 183.6 | 183.4 | 183.2 | 183.0 | 182.9 | 182.8 |
| 117.5° | 207.6 | 208.4 | 209.2 | 210.0 | 210.1 | 209.6 | 209.0 | 208.4 | 207.9 | 207.6 | 207.4 |
| 120°   | 224.6 | 225.4 | 226.2 | 227.0 | 227.0 | 226.2 | 225.4 | 224.6 | 223.8 | 223.8 | 223.8 |
| 122.5° | 240.4 | 241.3 | 242.3 | 243.3 | 243.5 | 242.9 | 242.3 | 241.8 | 241.2 | 241.0 | 240.7 |
| 125°   | 264.6 | 265.5 | 266.4 | 267.3 | 267.6 | 267.3 | 267.0 | 266.7 | 266.4 | 266.1 | 265.8 |
| 127.5° | 288.5 | 289.6 | 290.8 | 291.9 | 292.3 | 292.0 | 291.6 | 291.2 | 290.9 | 290.5 | 290.1 |
| 130°   | 303.5 | 304.8 | 306.1 | 307.4 | 308.0 | 307.8 | 307.6 | 307.4 | 307.2 | 307.0 | 306.8 |
| 132.5° | 319.9 | 321.0 | 322.1 | 323.1 | 323.7 | 323.7 | 323.8 | 323.8 | 323.8 | 323.4 | 323.0 |
| 135°   | 342.3 | 343.4 | 344.5 | 345.6 | 346.2 | 346.4 | 346.6 | 346.8 | 347.0 | 346.9 | 346.8 |
| 137.5° | 365.5 | 366.4 | 367.3 | 368.2 | 368.8 | 369.1 | 369.4 | 369.6 | 369.9 | 369.8 | 369.7 |
| 140°   | 379.7 | 380.6 | 381.5 | 382.4 | 383.1 | 383.6 | 384.1 | 384.6 | 385.1 | 385.1 | 385.1 |
| 142.5° | 394.2 | 395.1 | 396.0 | 396.9 | 397.5 | 397.8 | 398.2 | 398.5 | 398.9 | 399.0 | 399.0 |
| 145°   | 414.8 | 415.5 | 416.2 | 416.9 | 417.6 | 418.2 | 418.8 | 419.4 | 420.0 | 420.1 | 420.2 |
| 147.5° | 433.5 | 434.4 | 435.2 | 436.1 | 436.7 | 437.1 | 437.5 | 437.9 | 438.3 | 438.5 | 438.7 |
| 150°   | 446.0 | 446.6 | 447.2 | 447.8 | 448.3 | 448.7 | 449.1 | 449.5 | 449.9 | 450.2 | 450.5 |
| 152.5° | 457.2 | 457.8 | 458.4 | 459.0 | 459.6 | 460.0 | 460.5 | 461.0 | 461.5 | 461.9 | 462.2 |
| 155°   | 473.7 | 474.0 | 474.4 | 474.7 | 475.0 | 475.3 | 475.6 | 475.9 | 476.2 | 476.7 | 477.2 |
| 157.5° | 488.1 | 488.3 | 488.5 | 488.7 | 488.8 | 489.0 | 489.2 | 489.4 | 489.6 | 490.3 | 490.9 |
| 160°   | 496.8 | 497.0 | 497.2 | 497.4 | 497.5 | 497.6 | 497.7 | 497.8 | 497.9 | 498.5 | 499.1 |
| 162.5° | 504.6 | 504.6 | 504.6 | 504.7 | 504.8 | 504.9 | 505.0 | 505.1 | 505.2 | 505.8 | 506.5 |
| 165°   | 515.0 | 514.9 | 514.8 | 514.7 | 514.7 | 514.7 | 514.7 | 514.7 | 514.7 | 515.4 | 516.1 |
| 167.5° | 523.7 | 523.4 | 523.1 | 522.8 | 522.6 | 522.6 | 522.6 | 522.6 | 522.6 | 523.3 | 524.0 |
| 170°   | 528.4 | 528.1 | 527.8 | 527.5 | 527.3 | 527.2 | 527.1 | 527.0 | 526.9 | 527.6 | 528.3 |
| 172.5° | 531.7 | 531.4 | 531.1 | 530.8 | 530.6 | 530.5 | 530.4 | 530.3 | 530.2 | 530.9 | 531.6 |
| 175°   | 535.7 | 535.4 | 535.1 | 534.8 | 534.5 | 534.3 | 534.1 | 533.9 | 533.7 | 534.4 | 535.1 |
| 177.5° | 537.4 | 537.1 | 536.9 | 536.6 | 536.4 | 536.3 | 536.1 | 535.9 | 535.8 | 536.3 | 536.8 |
| 180°   | 536.9 | 536.9 | 536.9 | 536.9 | 536.9 | 536.9 | 536.9 | 536.9 | 536.9 | 536.9 | 536.9 |



TEST NUMBER: P331826

CATALOG NUMBER: S122RDIW-S865D435U835-4F0-1E-UDD-A1

**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°  | 12.1   | 12.0   | 12.0   | 12.0   | 12.1   | 12.1   | 11.6   |
| 90°    | 15.3   | 15.1   | 15.0   | 15.1   | 15.2   | 15.3   | 15.4   |
| 92.5°  | 14.5   | 14.6   | 14.6   | 14.6   | 14.6   | 14.7   | 14.7   |
| 95°    | 29.0   | 29.0   | 28.9   | 28.7   | 28.5   | 28.3   | 28.1   |
| 97.5°  | 48.7   | 48.7   | 48.7   | 48.7   | 48.7   | 48.7   | 48.7   |
| 100°   | 62.5   | 62.5   | 62.5   | 62.4   | 62.3   | 62.2   | 62.1   |
| 102.5° | 77.6   | 77.7   | 77.7   | 77.6   | 77.5   | 77.4   | 77.3   |
| 105°   | 100.3  | 100.5  | 100.6  | 100.6  | 100.6  | 100.6  | 100.6  |
| 107.5° | 124.5  | 124.6  | 124.4  | 123.9  | 123.4  | 123.0  | 122.5  |
| 110°   | 140.9  | 140.9  | 140.7  | 140.4  | 140.1  | 139.8  | 139.5  |



TEST NUMBER: P331826

CATALOG NUMBER: S122RDIW-S865D435U835-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 330°  | 335°  | 340°  | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 157.2 | 157.0 | 156.7 | 156.5 | 156.3 | 156.1 | 155.9 |
| 115°   | 182.7 | 182.6 | 182.4 | 182.1 | 181.8 | 181.5 | 181.2 |
| 117.5° | 207.1 | 206.9 | 206.6 | 206.3 | 206.0 | 205.7 | 205.4 |
| 120°   | 223.8 | 223.8 | 223.7 | 223.4 | 223.1 | 222.8 | 222.5 |
| 122.5° | 240.5 | 240.2 | 240.0 | 239.8 | 239.6 | 239.3 | 239.1 |
| 125°   | 265.5 | 265.2 | 265.0 | 264.9 | 264.8 | 264.7 | 264.6 |
| 127.5° | 289.8 | 289.4 | 289.1 | 288.7 | 288.4 | 288.1 | 287.8 |
| 130°   | 306.6 | 306.4 | 306.1 | 305.7 | 305.3 | 304.9 | 304.5 |
| 132.5° | 322.5 | 322.1 | 321.7 | 321.4 | 321.0 | 320.7 | 320.4 |
| 135°   | 346.7 | 346.6 | 346.4 | 346.1 | 345.8 | 345.5 | 345.2 |
| 137.5° | 369.6 | 369.6 | 369.3 | 368.9 | 368.5 | 368.1 | 367.7 |
| 140°   | 385.1 | 385.1 | 384.9 | 384.5 | 384.1 | 383.7 | 383.3 |
| 142.5° | 399.1 | 399.2 | 399.0 | 398.6 | 398.2 | 397.8 | 397.4 |
| 145°   | 420.3 | 420.4 | 420.2 | 419.8 | 419.4 | 419.0 | 418.6 |
| 147.5° | 439.0 | 439.2 | 439.1 | 438.7 | 438.3 | 437.9 | 437.6 |
| 150°   | 450.8 | 451.1 | 451.1 | 450.8 | 450.5 | 450.2 | 449.9 |
| 152.5° | 462.6 | 463.0 | 463.0 | 462.6 | 462.2 | 461.9 | 461.5 |
| 155°   | 477.7 | 478.2 | 478.3 | 478.0 | 477.7 | 477.4 | 477.1 |
| 157.5° | 491.6 | 492.3 | 492.4 | 491.9 | 491.4 | 491.0 | 490.5 |
| 160°   | 499.7 | 500.3 | 500.4 | 500.0 | 499.6 | 499.2 | 498.8 |
| 162.5° | 507.2 | 507.9 | 508.0 | 507.5 | 507.0 | 506.5 | 506.1 |
| 165°   | 516.8 | 517.5 | 517.6 | 517.1 | 516.6 | 516.1 | 515.6 |
| 167.5° | 524.7 | 525.4 | 525.5 | 524.9 | 524.4 | 523.9 | 523.4 |
| 170°   | 529.0 | 529.7 | 529.8 | 529.2 | 528.6 | 528.0 | 527.4 |
| 172.5° | 532.3 | 533.0 | 533.0 | 532.4 | 531.8 | 531.2 | 530.6 |
| 175°   | 535.8 | 536.5 | 536.6 | 536.0 | 535.4 | 534.8 | 534.2 |
| 177.5° | 537.2 | 537.7 | 537.7 | 537.2 | 536.8 | 536.3 | 535.8 |
| 180°   | 536.9 | 536.9 | 536.9 | 536.9 | 536.9 | 536.9 | 536.9 |

(END OF REPORT)