

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: P331845-927

Luminaire Tested: **S122RDIW-S1005D435U927-4F0-1E-UDD-A**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P331845-927  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-2,  
Test Lab: INNOVATION CENTER  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: NEO-RAY  
Catalog Number: S122RDIW-S1005D435U927-4F0-1E-UDD-A  
Description: DEFINE 2 DIRECT-INDIRECT WALL MOUNT LED LUMINAIRE  
DOWNLIGHT 1005 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING  
UPLIGHT 435 LUMENS PER FOOT, NO LENS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 4391.8 lumens  
Efficiency: N/A  
Efficacy: 83.8 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

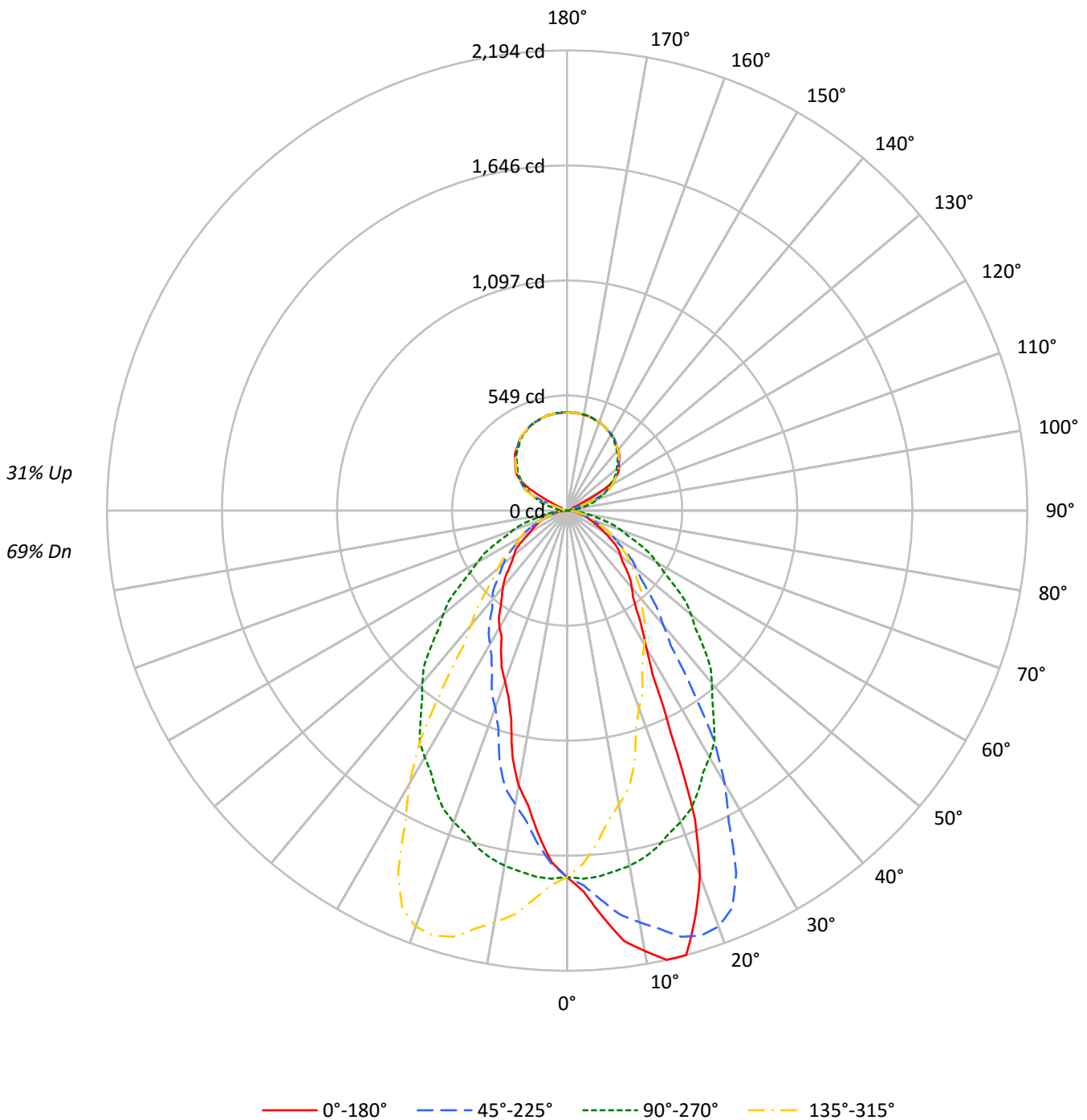
Input Watts (W): 52.4  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Luminous Intensity Polar Plot





TEST NUMBER: P331845-927

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**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 | 105 | 105 | 105 | 105 | 94 | 94 | 94 | 83 | 83 | 83 | 73 | 73 | 73 | 69 |
| 1   | 103 | 99  | 95  | 92  | 97  | 94  | 91  | 88  | 84 | 82 | 79 | 75 | 73 | 71 | 67 | 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 | 31 | 36 | 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°  | 28208 | 28208 | 28208 | 28208 |
| 5°  | 31504 | 28386 | 25167 | 28386 |
| 10° | 34954 | 28186 | 21815 | 28186 |
| 15° | 36672 | 27773 | 17188 | 27773 |
| 20° | 31792 | 27161 | 14874 | 27161 |
| 25° | 20851 | 26323 | 13279 | 26323 |
| 30° | 14033 | 25307 | 12020 | 25307 |
| 35° | 11367 | 24025 | 10841 | 24025 |
| 40° | 10108 | 22634 | 10030 | 22634 |
| 45° | 9149  | 21000 | 8953  | 21000 |
| 50° | 8324  | 19381 | 8297  | 19381 |
| 55° | 7828  | 17582 | 7724  | 17582 |
| 60° | 6546  | 15936 | 6468  | 15936 |
| 65° | 5521  | 14472 | 6262  | 14472 |
| 70° | 5103  | 12925 | 5906  | 12925 |
| 75° | 4772  | 11248 | 5452  | 11248 |
| 80° | 4407  | 9261  | 4854  | 9261  |
| 85° | 4057  | 7317  | 4279  | 7317  |



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 165.6  | 3.8       |
| 10°-20°   | 461.5  | 10.5      |
| 20°-30°   | 594.7  | 13.5      |
| 30°-40°   | 565.1  | 12.9      |
| 40°-50°   | 484.1  | 11.0      |
| 50°-60°   | 368.7  | 8.4       |
| 60°-70°   | 233.1  | 5.3       |
| 70°-80°   | 116.4  | 2.6       |
| 80°-90°   | 31.5   | 0.7       |
| 90°-100°  | 15.6   | 0.4       |
| 100°-110° | 57.2   | 1.3       |
| 110°-120° | 153.0  | 3.5       |
| 120°-130° | 252.6  | 5.8       |
| 130°-140° | 268.6  | 6.1       |
| 140°-150° | 249.7  | 5.7       |
| 150°-160° | 200.7  | 4.6       |
| 160°-170° | 129.3  | 2.9       |
| 170°-180° | 44.5   | 1.0       |
| 0°-30°    | 1221.8 | 27.8      |
| 0°-40°    | 1786.9 | 40.7      |
| 0°-60°    | 2639.7 | 60.1      |
| 0°-90°    | 3020.5 | 68.8      |
| 90°-120°  | 225.9  | 5.1       |
| 90°-150°  | 996.7  | 22.7      |
| 90°-180°  | 1371.0 | 31.2      |
| 0°-180°   | 4391.8 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 1747 | 1747 | 1747 | 1747 | 1747 |      |
| 5°   | 1944 | 1751 | 1553 | 1751 | 1944 | 192  |
| 15°  | 2194 | 1662 | 1028 | 1662 | 2194 | 592  |
| 25°  | 1170 | 1478 | 745  | 1478 | 1170 | 555  |
| 35°  | 577  | 1219 | 550  | 1219 | 577  | 369  |
| 45°  | 401  | 920  | 392  | 920  | 401  | 310  |
| 55°  | 278  | 625  | 274  | 625  | 278  | 244  |
| 65°  | 144  | 379  | 164  | 379  | 144  | 147  |
| 75°  | 76   | 180  | 87   | 180  | 76   | 81   |
| 85°  | 22   | 40   | 23   | 40   | 22   | 24   |
| 90°  | 9    | 0    | 9    | 0    | 9    | 5    |
| 95°  | 15   | 22   | 15   | 22   | 15   | 14   |
| 105° | 26   | 103  | 26   | 103  | 26   | 27   |
| 115° | 28   | 195  | 28   | 195  | 28   | 70   |
| 125° | 290  | 275  | 290  | 275  | 290  | 250  |
| 135° | 352  | 341  | 352  | 341  | 352  | 271  |
| 145° | 401  | 395  | 401  | 395  | 401  | 251  |
| 155° | 436  | 435  | 436  | 435  | 436  | 201  |
| 165° | 457  | 458  | 457  | 458  | 457  | 129  |
| 175° | 466  | 469  | 466  | 469  | 466  | 44   |
| 180° | 468  | 468  | 468  | 468  | 468  |      |



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CATALOG NUMBER: S122RDIW-S1005D435U927-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1747.1 | 1747.1 | 1747.1 | 1747.1 | 1747.1 | 1747.1 | 1747.1 | 1747.1 | 1747.1 | 1747.1 | 1747.1 |
| 2.5°   | 1818.0 | 1819.5 | 1820.9 | 1817.5 | 1817.5 | 1814.6 | 1808.3 | 1803.4 | 1789.9 | 1787.9 | 1787.9 |
| 5°     | 1943.8 | 1942.6 | 1945.0 | 1937.1 | 1926.2 | 1923.7 | 1912.2 | 1897.0 | 1881.3 | 1863.7 | 1860.0 |
| 7.5°   | 2068.9 | 2067.0 | 2062.1 | 2060.9 | 2052.5 | 2034.1 | 2015.5 | 1995.7 | 1969.5 | 1943.9 | 1931.0 |
| 10°    | 2132.0 | 2152.0 | 2139.8 | 2118.6 | 2122.9 | 2094.4 | 2079.2 | 2053.1 | 2031.2 | 1993.0 | 1984.5 |
| 12.5°  | 2194.1 | 2202.0 | 2198.1 | 2186.1 | 2180.6 | 2160.8 | 2140.3 | 2117.7 | 2077.3 | 2043.0 | 2013.1 |
| 15°    | 2193.9 | 2205.4 | 2208.4 | 2204.8 | 2207.9 | 2206.6 | 2195.7 | 2176.9 | 2141.7 | 2104.0 | 2071.2 |
| 17.5°  | 2031.9 | 2039.9 | 2059.8 | 2073.3 | 2090.3 | 2126.3 | 2144.0 | 2150.9 | 2145.7 | 2124.2 | 2101.1 |
| 20°    | 1850.3 | 1836.9 | 1892.8 | 1921.4 | 1945.6 | 2006.3 | 2058.5 | 2078.5 | 2110.7 | 2110.1 | 2104.0 |
| 22.5°  | 1592.9 | 1596.1 | 1649.0 | 1682.9 | 1753.8 | 1814.5 | 1874.0 | 1949.4 | 2011.7 | 2052.8 | 2076.9 |
| 25°    | 1170.4 | 1193.5 | 1246.3 | 1292.4 | 1371.3 | 1484.2 | 1586.8 | 1705.8 | 1818.1 | 1906.8 | 1991.2 |
| 27.5°  | 879.0  | 880.7  | 922.6  | 965.2  | 1012.1 | 1104.6 | 1233.7 | 1375.9 | 1536.0 | 1668.1 | 1820.0 |
| 30°    | 752.7  | 749.1  | 766.7  | 792.8  | 832.9  | 904.5  | 1001.6 | 1141.3 | 1300.9 | 1500.0 | 1677.3 |
| 32.5°  | 663.4  | 663.6  | 676.8  | 696.2  | 729.4  | 777.8  | 844.3  | 957.7  | 1108.6 | 1304.3 | 1512.2 |
| 35°    | 576.7  | 576.1  | 585.8  | 599.8  | 613.7  | 644.7  | 690.2  | 749.7  | 853.5  | 1036.3 | 1248.7 |
| 37.5°  | 514.5  | 517.2  | 522.0  | 530.7  | 546.1  | 563.3  | 590.7  | 630.6  | 704.6  | 812.6  | 991.2  |
| 40°    | 479.6  | 480.8  | 487.4  | 494.7  | 503.8  | 517.2  | 539.6  | 571.9  | 625.9  | 712.1  | 842.6  |
| 42.5°  | 447.5  | 448.8  | 453.4  | 460.3  | 467.5  | 480.8  | 499.4  | 527.2  | 571.0  | 638.3  | 745.9  |
| 45°    | 400.7  | 400.7  | 404.9  | 408.0  | 415.8  | 427.9  | 443.1  | 466.2  | 496.5  | 546.4  | 618.0  |
| 47.5°  | 356.7  | 356.8  | 359.7  | 364.9  | 369.8  | 379.3  | 394.2  | 413.0  | 435.1  | 473.6  | 534.8  |
| 50°    | 331.4  | 332.1  | 333.9  | 338.1  | 341.2  | 349.7  | 361.2  | 377.6  | 400.7  | 430.4  | 481.4  |
| 52.5°  | 311.1  | 310.7  | 313.0  | 314.8  | 316.9  | 323.0  | 331.6  | 346.0  | 366.6  | 392.5  | 434.7  |
| 55°    | 278.1  | 275.6  | 279.2  | 282.3  | 284.1  | 286.5  | 291.4  | 300.5  | 318.1  | 339.9  | 371.5  |
| 57.5°  | 236.8  | 235.8  | 238.4  | 241.1  | 246.8  | 253.4  | 257.5  | 263.3  | 272.4  | 288.1  | 319.4  |
| 60°    | 202.7  | 202.7  | 208.2  | 210.0  | 216.7  | 225.2  | 233.7  | 238.6  | 247.7  | 258.0  | 281.1  |
| 62.5°  | 172.6  | 173.2  | 175.7  | 177.5  | 181.3  | 191.7  | 203.6  | 214.3  | 222.9  | 232.7  | 248.0  |
| 65°    | 144.5  | 145.7  | 145.7  | 146.9  | 149.3  | 151.8  | 156.6  | 165.1  | 180.3  | 194.2  | 205.8  |
| 67.5°  | 122.6  | 123.0  | 123.3  | 124.5  | 125.2  | 127.9  | 129.8  | 133.6  | 137.0  | 150.3  | 164.6  |
| 70°    | 108.1  | 109.9  | 109.2  | 110.5  | 111.1  | 112.3  | 114.7  | 116.5  | 122.0  | 125.1  | 133.6  |
| 72.5°  | 94.4   | 95.8   | 95.7   | 96.4   | 98.0   | 98.2   | 100.1  | 102.0  | 105.5  | 108.1  | 112.6  |
| 75°    | 76.5   | 75.9   | 76.5   | 77.7   | 78.3   | 78.9   | 78.9   | 81.4   | 83.2   | 85.6   | 88.6   |
| 77.5°  | 59.0   | 59.7   | 59.5   | 59.7   | 59.7   | 60.8   | 60.7   | 61.8   | 63.6   | 64.8   | 66.3   |
| 80°    | 47.4   | 47.9   | 47.4   | 47.9   | 48.6   | 49.2   | 48.6   | 49.2   | 51.0   | 52.2   | 52.2   |
| 82.5°  | 36.7   | 36.8   | 37.2   | 37.3   | 37.4   | 37.5   | 38.3   | 38.5   | 39.8   | 39.6   | 40.1   |
| 85°    | 21.9   | 21.2   | 21.2   | 21.2   | 21.9   | 22.5   | 21.9   | 21.9   | 22.5   | 22.5   | 22.5   |
| 87.5°  | 9.6    | 10.1   | 10.1   | 10.0   | 10.0   | 9.9    | 9.8    | 10.2   | 9.7    | 10.1   | 9.5    |
| 90°    | 9.1    | 9.0    | 8.9    | 8.7    | 8.6    | 8.2    | 7.9    | 7.5    | 7.1    | 6.7    | 6.2    |
| 92.5°  | 9.1    | 9.0    | 9.0    | 8.9    | 8.8    | 8.6    | 8.5    | 8.2    | 8.1    | 7.8    | 7.5    |
| 95°    | 14.6   | 14.7   | 14.7   | 14.8   | 14.9   | 14.7   | 14.3   | 13.9   | 13.5   | 13.2   | 12.7   |
| 97.5°  | 19.4   | 19.3   | 19.3   | 19.2   | 19.1   | 18.9   | 18.6   | 18.3   | 18.0   | 17.7   | 16.5   |
| 100°   | 22.7   | 22.5   | 22.4   | 22.3   | 22.1   | 21.7   | 21.1   | 20.5   | 19.9   | 19.3   | 18.0   |
| 102.5° | 24.3   | 24.1   | 23.9   | 23.7   | 23.4   | 23.0   | 22.2   | 21.4   | 20.6   | 19.8   | 30.6   |
| 105°   | 25.7   | 25.4   | 25.1   | 24.8   | 24.6   | 24.0   | 23.1   | 22.3   | 21.5   | 20.7   | 41.2   |
| 107.5° | 26.5   | 26.1   | 25.9   | 25.6   | 25.3   | 25.5   | 26.4   | 27.3   | 28.0   | 28.9   | 53.6   |
| 110°   | 26.8   | 26.5   | 26.1   | 25.8   | 25.5   | 29.2   | 36.7   | 44.2   | 51.7   | 59.3   | 81.0   |



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**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 25°   | 30°   | 35°   | 40°   | 45°   | 50°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 27.0  | 26.8  | 26.5  | 26.3  | 26.1  | 39.7  | 67.1  | 94.6  | 122.0 | 149.5 | 154.8 |
| 115°   | 27.7  | 33.2  | 38.6  | 44.0  | 49.4  | 69.6  | 104.4 | 139.3 | 174.0 | 208.9 | 207.0 |
| 117.5° | 113.4 | 131.2 | 148.9 | 166.8 | 184.6 | 197.6 | 206.1 | 214.5 | 223.0 | 231.4 | 230.1 |
| 120°   | 206.5 | 216.7 | 226.9 | 237.0 | 247.2 | 251.8 | 250.9 | 250.0 | 249.1 | 248.2 | 246.8 |
| 122.5° | 257.7 | 259.7 | 261.7 | 263.6 | 265.6 | 266.3 | 265.8 | 265.2 | 264.7 | 264.2 | 262.7 |
| 125°   | 289.5 | 289.3 | 289.1 | 288.8 | 288.6 | 288.2 | 287.7 | 287.2 | 286.6 | 286.1 | 284.7 |
| 127.5° | 309.5 | 309.5 | 309.4 | 309.4 | 309.3 | 309.0 | 308.2 | 307.4 | 306.7 | 305.9 | 304.8 |
| 130°   | 322.0 | 322.1 | 322.2 | 322.3 | 322.3 | 321.9 | 321.1 | 320.3 | 319.4 | 318.6 | 317.8 |
| 132.5° | 334.2 | 334.3 | 334.3 | 334.4 | 334.5 | 334.1 | 333.4 | 332.8 | 332.1 | 331.4 | 330.5 |
| 135°   | 351.8 | 352.0 | 352.1 | 352.3 | 352.4 | 352.1 | 351.3 | 350.6 | 349.8 | 349.1 | 348.4 |
| 137.5° | 367.8 | 368.1 | 368.4 | 368.6 | 368.8 | 368.6 | 367.9 | 367.2 | 366.4 | 365.7 | 364.9 |
| 140°   | 377.9 | 378.3 | 378.6 | 379.0 | 379.4 | 379.2 | 378.6 | 377.9 | 377.2 | 376.5 | 375.7 |
| 142.5° | 387.6 | 388.0 | 388.4 | 388.7 | 389.1 | 389.0 | 388.4 | 387.8 | 387.1 | 386.5 | 385.6 |
| 145°   | 401.2 | 401.6 | 402.0 | 402.3 | 402.7 | 402.7 | 402.1 | 401.6 | 401.1 | 400.5 | 399.3 |
| 147.5° | 413.2 | 413.5 | 413.8 | 414.2 | 414.5 | 414.5 | 414.1 | 413.7 | 413.3 | 412.9 | 411.6 |
| 150°   | 420.6 | 420.9 | 421.3 | 421.7 | 422.1 | 422.0 | 421.5 | 421.1 | 420.6 | 420.2 | 419.0 |
| 152.5° | 426.7 | 427.2 | 427.8 | 428.3 | 428.7 | 428.8 | 428.3 | 427.9 | 427.4 | 427.0 | 425.8 |
| 155°   | 435.5 | 436.0 | 436.7 | 437.2 | 437.8 | 437.9 | 437.4 | 437.0 | 436.6 | 436.1 | 435.2 |
| 157.5° | 443.4 | 443.9 | 444.5 | 445.1 | 445.7 | 445.8 | 445.2 | 444.7 | 444.2 | 443.7 | 443.1 |
| 160°   | 448.0 | 448.5 | 449.0 | 449.6 | 450.0 | 450.1 | 449.6 | 449.2 | 448.8 | 448.3 | 447.8 |
| 162.5° | 451.8 | 452.4 | 453.0 | 453.7 | 454.3 | 454.4 | 453.9 | 453.4 | 452.9 | 452.3 | 451.9 |
| 165°   | 457.4 | 458.0 | 458.5 | 459.0 | 459.5 | 459.5 | 459.0 | 458.5 | 458.0 | 457.4 | 457.2 |
| 167.5° | 461.1 | 461.7 | 462.4 | 463.0 | 463.7 | 463.8 | 463.3 | 462.8 | 462.2 | 461.7 | 461.5 |
| 170°   | 463.2 | 463.9 | 464.5 | 465.2 | 465.9 | 466.0 | 465.5 | 464.9 | 464.4 | 463.9 | 463.7 |
| 172.5° | 464.9 | 465.5 | 466.2 | 466.8 | 467.5 | 467.6 | 467.1 | 466.5 | 466.0 | 465.5 | 465.3 |
| 175°   | 466.3 | 467.0 | 467.8 | 468.5 | 469.3 | 469.4 | 468.8 | 468.3 | 467.8 | 467.2 | 467.1 |
| 177.5° | 467.1 | 467.6 | 468.2 | 468.7 | 469.3 | 469.4 | 468.9 | 468.5 | 468.1 | 467.6 | 467.6 |
| 180°   | 467.9 | 467.9 | 467.9 | 467.9 | 467.9 | 467.9 | 467.9 | 467.9 | 467.9 | 467.9 | 467.9 |



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**CANDELA DISTRIBUTION (continued):**

|        | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°   | 105°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1747.1 | 1747.1 | 1747.1 | 1747.1 | 1747.1 | 1747.1 | 1747.1 | 1747.1 | 1747.1 | 1747.1 | 1747.1 |
| 2.5°   | 1788.9 | 1784.9 | 1781.6 | 1772.8 | 1768.5 | 1758.7 | 1757.3 | 1756.8 | 1744.2 | 1732.0 | 1728.6 |
| 5°     | 1850.3 | 1840.6 | 1826.1 | 1809.0 | 1791.4 | 1773.2 | 1761.1 | 1751.4 | 1727.0 | 1704.0 | 1690.7 |
| 7.5°   | 1912.2 | 1891.3 | 1866.2 | 1834.1 | 1807.2 | 1777.1 | 1754.8 | 1734.7 | 1700.3 | 1667.2 | 1645.0 |
| 10°    | 1958.4 | 1924.4 | 1890.9 | 1846.7 | 1812.0 | 1778.1 | 1746.5 | 1719.2 | 1680.3 | 1636.6 | 1605.7 |
| 12.5°  | 1987.0 | 1949.6 | 1903.6 | 1860.3 | 1815.4 | 1772.3 | 1730.0 | 1694.9 | 1649.2 | 1604.1 | 1567.3 |
| 15°    | 2025.8 | 1985.7 | 1929.8 | 1867.9 | 1810.2 | 1753.8 | 1705.3 | 1661.5 | 1602.0 | 1548.0 | 1503.1 |
| 17.5°  | 2057.5 | 2002.3 | 1942.4 | 1870.7 | 1804.0 | 1732.2 | 1669.7 | 1613.8 | 1547.6 | 1482.4 | 1429.5 |
| 20°    | 2067.6 | 2013.0 | 1943.8 | 1872.2 | 1793.3 | 1708.9 | 1641.5 | 1580.8 | 1509.7 | 1438.7 | 1378.0 |
| 22.5°  | 2061.3 | 2018.8 | 1941.9 | 1856.2 | 1775.3 | 1687.0 | 1610.9 | 1540.5 | 1461.7 | 1389.2 | 1318.7 |
| 25°    | 2018.5 | 2003.9 | 1931.0 | 1837.5 | 1745.3 | 1642.7 | 1554.7 | 1477.6 | 1387.7 | 1310.0 | 1233.5 |
| 27.5°  | 1918.5 | 1950.0 | 1904.8 | 1805.2 | 1702.6 | 1592.7 | 1493.7 | 1406.0 | 1312.7 | 1225.3 | 1149.1 |
| 30°    | 1822.4 | 1894.6 | 1875.2 | 1782.9 | 1668.2 | 1560.1 | 1449.1 | 1357.4 | 1257.8 | 1168.0 | 1092.7 |
| 32.5°  | 1690.8 | 1810.1 | 1829.1 | 1751.8 | 1633.2 | 1514.5 | 1398.0 | 1306.9 | 1202.9 | 1108.3 | 1034.9 |
| 35°    | 1481.2 | 1659.7 | 1741.6 | 1692.5 | 1573.5 | 1445.4 | 1325.2 | 1218.9 | 1114.5 | 1021.0 | 948.2  |
| 37.5°  | 1231.2 | 1474.3 | 1610.9 | 1614.4 | 1505.1 | 1372.0 | 1241.0 | 1135.6 | 1028.7 | 936.9  | 858.2  |
| 40°    | 1069.1 | 1332.5 | 1510.4 | 1549.8 | 1457.5 | 1313.7 | 1181.3 | 1073.9 | 969.5  | 879.6  | 789.2  |
| 42.5°  | 923.4  | 1185.8 | 1404.5 | 1473.1 | 1399.8 | 1256.9 | 1124.0 | 1011.7 | 910.2  | 825.2  | 732.8  |
| 45°    | 746.7  | 976.1  | 1217.1 | 1339.7 | 1299.1 | 1166.7 | 1026.5 | 919.7  | 824.3  | 750.9  | 662.3  |
| 47.5°  | 629.9  | 791.6  | 1024.8 | 1190.6 | 1189.9 | 1069.1 | 931.2  | 828.9  | 740.5  | 671.6  | 599.9  |
| 50°    | 563.3  | 704.2  | 901.5  | 1089.6 | 1105.4 | 1004.1 | 872.9  | 771.6  | 689.0  | 616.8  | 559.1  |
| 52.5°  | 503.6  | 619.6  | 797.1  | 977.5  | 1022.4 | 934.6  | 807.4  | 713.8  | 633.7  | 567.2  | 517.8  |
| 55°    | 425.6  | 515.4  | 650.1  | 818.9  | 886.9  | 825.0  | 712.1  | 624.6  | 559.7  | 503.8  | 461.4  |
| 57.5°  | 360.0  | 427.4  | 535.5  | 671.4  | 750.6  | 711.6  | 618.5  | 547.5  | 491.9  | 441.3  | 407.8  |
| 60°    | 318.7  | 373.9  | 465.6  | 579.2  | 666.5  | 639.2  | 559.7  | 493.5  | 446.2  | 402.5  | 370.9  |
| 62.5°  | 279.9  | 327.3  | 405.9  | 498.0  | 578.1  | 566.9  | 501.9  | 446.4  | 404.9  | 365.1  | 338.3  |
| 65°    | 225.2  | 259.8  | 321.2  | 393.4  | 457.7  | 463.2  | 416.5  | 378.8  | 341.7  | 310.2  | 286.5  |
| 67.5°  | 179.4  | 201.9  | 245.1  | 305.9  | 354.2  | 371.4  | 342.9  | 314.1  | 284.7  | 260.3  | 239.8  |
| 70°    | 151.1  | 169.4  | 200.9  | 250.1  | 294.5  | 312.6  | 296.3  | 273.8  | 248.3  | 228.2  | 210.6  |
| 72.5°  | 122.5  | 140.2  | 163.5  | 199.6  | 237.6  | 257.3  | 251.6  | 235.4  | 214.8  | 198.1  | 181.5  |
| 75°    | 92.3   | 97.8   | 113.5  | 137.8  | 167.5  | 184.6  | 188.8  | 180.3  | 163.9  | 151.1  | 141.4  |
| 77.5°  | 68.2   | 71.5   | 79.1   | 91.8   | 111.2  | 126.4  | 132.6  | 131.6  | 120.3  | 112.9  | 103.8  |
| 80°    | 54.7   | 56.5   | 60.1   | 65.6   | 80.2   | 95.3   | 99.6   | 99.6   | 91.7   | 88.6   | 79.5   |
| 82.5°  | 41.5   | 42.9   | 45.1   | 48.1   | 54.9   | 68.1   | 72.9   | 73.8   | 68.8   | 64.8   | 57.7   |
| 85°    | 23.7   | 23.1   | 24.3   | 26.1   | 27.3   | 31.0   | 38.3   | 39.5   | 38.3   | 33.4   | 31.5   |
| 87.5°  | 9.3    | 9.7    | 9.6    | 9.0    | 9.3    | 9.7    | 11.9   | 14.2   | 12.4   | 11.1   | 10.3   |
| 90°    | 5.5    | 5.0    | 4.4    | 3.6    | 2.9    | 2.0    | 1.2    | 0.3    | 1.2    | 2.0    | 2.9    |
| 92.5°  | 7.3    | 7.0    | 6.7    | 6.6    | 6.6    | 6.7    | 6.7    | 6.8    | 6.7    | 6.7    | 6.6    |
| 95°    | 12.1   | 11.6   | 11.1   | 12.0   | 14.6   | 17.0   | 19.5   | 22.0   | 19.5   | 17.0   | 14.6   |
| 97.5°  | 15.2   | 14.0   | 12.8   | 15.7   | 22.7   | 29.7   | 36.7   | 43.6   | 36.7   | 29.7   | 22.7   |
| 100°   | 16.7   | 15.4   | 14.2   | 18.7   | 29.0   | 39.3   | 49.6   | 60.0   | 49.6   | 39.3   | 29.0   |
| 102.5° | 41.3   | 52.0   | 62.7   | 69.1   | 71.3   | 73.4   | 75.7   | 77.8   | 75.7   | 73.4   | 71.3   |
| 105°   | 61.7   | 82.3   | 102.8  | 111.9  | 109.7  | 107.4  | 105.2  | 102.9  | 105.2  | 107.4  | 109.7  |
| 107.5° | 78.2   | 102.8  | 127.5  | 138.9  | 137.0  | 135.2  | 133.4  | 131.6  | 133.4  | 135.2  | 137.0  |
| 110°   | 102.7  | 124.5  | 146.2  | 156.3  | 154.7  | 153.1  | 151.5  | 150.0  | 151.5  | 153.1  | 154.7  |





TEST NUMBER: P331845-927

CATALOG NUMBER: S122RDIW-S1005D435U927-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 55°   | 60°   | 65°   | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   | 100°  | 105°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 160.2 | 165.6 | 171.0 | 172.9 | 171.5 | 170.2 | 168.7 | 167.3 | 168.7 | 170.2 | 171.5 |
| 115°   | 205.2 | 203.3 | 201.4 | 199.8 | 198.5 | 197.3 | 196.0 | 194.7 | 196.0 | 197.3 | 198.5 |
| 117.5° | 228.8 | 227.5 | 226.2 | 224.8 | 223.4 | 222.0 | 220.5 | 219.1 | 220.5 | 222.0 | 223.4 |
| 120°   | 245.5 | 244.2 | 242.8 | 241.5 | 240.4 | 239.2 | 238.1 | 237.0 | 238.1 | 239.2 | 240.4 |
| 122.5° | 261.2 | 259.8 | 258.3 | 256.9 | 255.7 | 254.5 | 253.3 | 252.2 | 253.3 | 254.5 | 255.7 |
| 125°   | 283.3 | 281.9 | 280.4 | 279.2 | 278.2 | 277.3 | 276.2 | 275.3 | 276.2 | 277.3 | 278.2 |
| 127.5° | 303.7 | 302.7 | 301.6 | 300.6 | 299.4 | 298.3 | 297.3 | 296.2 | 297.3 | 298.3 | 299.4 |
| 130°   | 317.0 | 316.2 | 315.3 | 314.3 | 313.1 | 311.9 | 310.7 | 309.5 | 310.7 | 311.9 | 313.1 |
| 132.5° | 329.7 | 328.8 | 328.0 | 327.1 | 326.1 | 325.0 | 324.0 | 323.1 | 324.0 | 325.0 | 326.1 |
| 135°   | 347.8 | 347.1 | 346.3 | 345.5 | 344.2 | 343.0 | 341.8 | 340.6 | 341.8 | 343.0 | 344.2 |
| 137.5° | 364.2 | 363.4 | 362.6 | 361.8 | 361.0 | 360.1 | 359.3 | 358.5 | 359.3 | 360.1 | 361.0 |
| 140°   | 374.9 | 374.1 | 373.2 | 372.5 | 371.9 | 371.3 | 370.7 | 370.1 | 370.7 | 371.3 | 371.9 |
| 142.5° | 384.6 | 383.7 | 382.8 | 382.0 | 381.4 | 380.9 | 380.4 | 379.9 | 380.4 | 380.9 | 381.4 |
| 145°   | 398.0 | 396.7 | 395.5 | 394.8 | 394.9 | 395.0 | 395.1 | 395.1 | 395.1 | 395.0 | 394.9 |
| 147.5° | 410.4 | 409.1 | 407.8 | 407.3 | 407.7 | 407.9 | 408.2 | 408.4 | 408.2 | 407.9 | 407.7 |
| 150°   | 417.8 | 416.6 | 415.3 | 415.0 | 415.6 | 416.1 | 416.6 | 417.2 | 416.6 | 416.1 | 415.6 |
| 152.5° | 424.7 | 423.5 | 422.4 | 422.1 | 422.7 | 423.3 | 423.9 | 424.5 | 423.9 | 423.3 | 422.7 |
| 155°   | 434.3 | 433.4 | 432.5 | 432.4 | 433.1 | 433.7 | 434.4 | 435.1 | 434.4 | 433.7 | 433.1 |
| 157.5° | 442.4 | 441.8 | 441.2 | 441.2 | 441.7 | 442.3 | 442.8 | 443.4 | 442.8 | 442.3 | 441.7 |
| 160°   | 447.4 | 446.9 | 446.5 | 446.5 | 446.9 | 447.4 | 447.8 | 448.3 | 447.8 | 447.4 | 446.9 |
| 162.5° | 451.5 | 451.1 | 450.8 | 450.8 | 451.3 | 451.7 | 452.2 | 452.7 | 452.2 | 451.7 | 451.3 |
| 165°   | 457.0 | 456.8 | 456.5 | 456.6 | 457.1 | 457.6 | 458.0 | 458.4 | 458.0 | 457.6 | 457.1 |
| 167.5° | 461.3 | 461.1 | 460.9 | 461.0 | 461.4 | 461.9 | 462.3 | 462.8 | 462.3 | 461.9 | 461.4 |
| 170°   | 463.6 | 463.4 | 463.3 | 463.4 | 463.9 | 464.3 | 464.8 | 465.2 | 464.8 | 464.3 | 463.9 |
| 172.5° | 465.2 | 465.0 | 464.9 | 465.0 | 465.5 | 466.0 | 466.4 | 466.8 | 466.4 | 466.0 | 465.5 |
| 175°   | 467.0 | 466.8 | 466.7 | 466.8 | 467.4 | 467.9 | 468.4 | 469.0 | 468.4 | 467.9 | 467.4 |
| 177.5° | 467.5 | 467.5 | 467.4 | 467.6 | 468.0 | 468.4 | 468.9 | 469.3 | 468.9 | 468.4 | 468.0 |
| 180°   | 467.9 | 467.9 | 467.9 | 467.9 | 467.9 | 467.9 | 467.9 | 467.9 | 467.9 | 467.9 | 467.9 |



TEST NUMBER: P331845-927

CATALOG NUMBER: S122RDIW-S1005D435U927-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   | 160°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1747.1 | 1747.1 | 1747.1 | 1747.1 | 1747.1 | 1747.1 | 1747.1 | 1747.1 | 1747.1 | 1747.1 | 1747.1 |
| 2.5°   | 1722.4 | 1719.0 | 1712.6 | 1702.9 | 1697.1 | 1686.9 | 1680.1 | 1683.9 | 1685.0 | 1683.9 | 1683.0 |
| 5°     | 1676.1 | 1663.3 | 1645.8 | 1628.7 | 1613.0 | 1595.9 | 1586.3 | 1582.0 | 1573.5 | 1568.6 | 1566.2 |
| 7.5°   | 1620.1 | 1598.1 | 1573.3 | 1543.6 | 1518.5 | 1492.2 | 1478.7 | 1472.0 | 1454.6 | 1445.2 | 1436.9 |
| 10°    | 1578.3 | 1543.7 | 1518.9 | 1480.0 | 1456.3 | 1421.7 | 1398.0 | 1398.7 | 1375.0 | 1361.6 | 1351.9 |
| 12.5°  | 1532.2 | 1494.2 | 1452.8 | 1417.8 | 1385.0 | 1357.2 | 1328.6 | 1317.1 | 1292.0 | 1279.1 | 1252.8 |
| 15°    | 1455.7 | 1411.4 | 1367.7 | 1320.3 | 1287.0 | 1243.9 | 1202.6 | 1152.2 | 1111.5 | 1076.3 | 1066.6 |
| 17.5°  | 1372.2 | 1317.3 | 1273.5 | 1217.9 | 1160.7 | 1088.2 | 1040.4 | 1011.1 | 986.6  | 968.0  | 954.2  |
| 20°    | 1314.9 | 1259.0 | 1212.3 | 1128.5 | 1051.4 | 1002.3 | 967.0  | 944.6  | 919.1  | 899.0  | 888.1  |
| 22.5°  | 1254.7 | 1196.4 | 1132.7 | 1039.2 | 979.1  | 939.6  | 908.2  | 882.4  | 865.1  | 849.5  | 839.6  |
| 25°    | 1169.2 | 1105.4 | 1000.4 | 936.0  | 887.5  | 846.2  | 824.3  | 808.6  | 790.4  | 769.1  | 759.5  |
| 27.5°  | 1078.9 | 977.5  | 902.1  | 854.2  | 807.9  | 781.0  | 761.4  | 737.8  | 721.5  | 711.9  | 701.9  |
| 30°    | 1011.4 | 910.0  | 851.1  | 798.9  | 766.1  | 736.3  | 713.3  | 700.0  | 684.1  | 667.7  | 661.1  |
| 32.5°  | 936.0  | 855.1  | 798.7  | 755.2  | 721.9  | 696.6  | 678.3  | 656.7  | 645.3  | 635.3  | 621.2  |
| 35°    | 842.6  | 781.3  | 729.7  | 694.5  | 662.9  | 642.3  | 621.0  | 608.2  | 587.6  | 579.2  | 573.7  |
| 37.5°  | 763.4  | 710.3  | 671.8  | 634.6  | 609.6  | 586.8  | 573.8  | 553.5  | 544.5  | 532.7  | 521.3  |
| 40°    | 718.7  | 666.5  | 629.5  | 599.1  | 571.2  | 554.2  | 537.8  | 521.5  | 508.1  | 502.6  | 488.7  |
| 42.5°  | 673.1  | 630.6  | 593.6  | 560.3  | 541.6  | 523.6  | 502.9  | 490.8  | 477.1  | 468.2  | 459.5  |
| 45°    | 610.1  | 572.4  | 540.9  | 513.6  | 492.9  | 474.1  | 460.7  | 440.7  | 432.8  | 415.3  | 408.0  |
| 47.5°  | 554.8  | 519.8  | 489.6  | 463.7  | 443.5  | 431.3  | 411.7  | 396.0  | 383.4  | 372.6  | 363.3  |
| 50°    | 515.4  | 486.2  | 457.1  | 434.0  | 415.8  | 398.2  | 378.2  | 370.3  | 350.9  | 345.4  | 339.9  |
| 52.5°  | 479.4  | 451.8  | 425.1  | 402.5  | 384.3  | 367.2  | 349.5  | 339.2  | 326.1  | 320.7  | 316.6  |
| 55°    | 429.2  | 402.5  | 377.0  | 357.0  | 338.7  | 321.2  | 310.2  | 297.5  | 291.4  | 287.2  | 282.3  |
| 57.5°  | 378.7  | 354.7  | 335.1  | 314.8  | 296.5  | 282.5  | 269.9  | 262.2  | 256.0  | 250.3  | 244.5  |
| 60°    | 346.7  | 323.5  | 305.9  | 287.2  | 268.3  | 256.7  | 247.1  | 238.0  | 230.7  | 222.2  | 219.8  |
| 62.5°  | 312.6  | 292.5  | 276.3  | 258.0  | 241.6  | 231.1  | 221.8  | 213.2  | 204.5  | 192.1  | 188.7  |
| 65°    | 265.9  | 250.1  | 233.1  | 217.9  | 203.4  | 193.1  | 179.7  | 170.0  | 166.4  | 165.1  | 164.5  |
| 67.5°  | 223.6  | 208.7  | 194.2  | 178.6  | 165.3  | 155.7  | 149.0  | 147.5  | 145.0  | 144.3  | 142.5  |
| 70°    | 195.5  | 181.5  | 166.9  | 152.3  | 139.7  | 137.8  | 135.4  | 132.9  | 129.9  | 128.7  | 127.5  |
| 72.5°  | 170.2  | 155.7  | 141.2  | 129.5  | 124.1  | 121.8  | 119.4  | 116.9  | 114.9  | 113.7  | 112.9  |
| 75°    | 130.6  | 117.2  | 107.4  | 103.2  | 100.1  | 98.3   | 94.7   | 92.8   | 91.7   | 89.8   | 89.2   |
| 77.5°  | 94.0   | 86.4   | 82.0   | 79.3   | 76.1   | 74.1   | 72.1   | 70.3   | 69.0   | 68.6   | 67.7   |
| 80°    | 71.6   | 68.0   | 65.0   | 61.3   | 60.1   | 57.7   | 57.0   | 55.2   | 55.8   | 54.0   | 54.0   |
| 82.5°  | 55.6   | 51.0   | 48.5   | 46.7   | 45.6   | 43.6   | 43.0   | 42.1   | 42.2   | 40.9   | 40.9   |
| 85°    | 28.5   | 27.3   | 26.1   | 24.9   | 24.9   | 23.1   | 23.7   | 23.1   | 23.1   | 21.9   | 21.2   |
| 87.5°  | 10.0   | 9.6    | 8.8    | 8.9    | 9.0    | 8.6    | 8.7    | 8.3    | 8.4    | 8.5    | 8.0    |
| 90°    | 3.6    | 4.4    | 5.0    | 5.5    | 6.2    | 6.7    | 7.1    | 7.5    | 7.9    | 8.2    | 8.6    |
| 92.5°  | 6.6    | 6.7    | 7.0    | 7.3    | 7.5    | 7.8    | 8.1    | 8.2    | 8.5    | 8.6    | 8.8    |
| 95°    | 12.0   | 11.1   | 11.6   | 12.1   | 12.7   | 13.2   | 13.5   | 13.9   | 14.3   | 14.7   | 14.9   |
| 97.5°  | 15.7   | 12.8   | 14.0   | 15.2   | 16.5   | 17.7   | 18.0   | 18.3   | 18.6   | 18.9   | 19.1   |
| 100°   | 18.7   | 14.2   | 15.4   | 16.7   | 18.0   | 19.3   | 19.9   | 20.5   | 21.1   | 21.7   | 22.1   |
| 102.5° | 69.1   | 62.7   | 52.0   | 41.3   | 30.6   | 19.8   | 20.6   | 21.4   | 22.2   | 23.0   | 23.4   |
| 105°   | 111.9  | 102.8  | 82.3   | 61.7   | 41.2   | 20.7   | 21.5   | 22.3   | 23.1   | 24.0   | 24.6   |
| 107.5° | 138.9  | 127.5  | 102.8  | 78.2   | 53.6   | 28.9   | 28.0   | 27.3   | 26.4   | 25.5   | 25.3   |
| 110°   | 156.3  | 146.2  | 124.5  | 102.7  | 81.0   | 59.3   | 51.7   | 44.2   | 36.7   | 29.2   | 25.5   |



TEST NUMBER: P331845-927

CATALOG NUMBER: S122RDIW-S1005D435U927-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 110°  | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  | 150°  | 155°  | 160°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 172.9 | 171.0 | 165.6 | 160.2 | 154.8 | 149.5 | 122.0 | 94.6  | 67.1  | 39.7  | 26.1  |
| 115°   | 199.8 | 201.4 | 203.3 | 205.2 | 207.0 | 208.9 | 174.0 | 139.3 | 104.4 | 69.6  | 49.4  |
| 117.5° | 224.8 | 226.2 | 227.5 | 228.8 | 230.1 | 231.4 | 223.0 | 214.5 | 206.1 | 197.6 | 184.6 |
| 120°   | 241.5 | 242.8 | 244.2 | 245.5 | 246.8 | 248.2 | 249.1 | 250.0 | 250.9 | 251.8 | 247.2 |
| 122.5° | 256.9 | 258.3 | 259.8 | 261.2 | 262.7 | 264.2 | 264.7 | 265.2 | 265.8 | 266.3 | 265.6 |
| 125°   | 279.2 | 280.4 | 281.9 | 283.3 | 284.7 | 286.1 | 286.6 | 287.2 | 287.7 | 288.2 | 288.6 |
| 127.5° | 300.6 | 301.6 | 302.7 | 303.7 | 304.8 | 305.9 | 306.7 | 307.4 | 308.2 | 309.0 | 309.3 |
| 130°   | 314.3 | 315.3 | 316.2 | 317.0 | 317.8 | 318.6 | 319.4 | 320.3 | 321.1 | 321.9 | 322.3 |
| 132.5° | 327.1 | 328.0 | 328.8 | 329.7 | 330.5 | 331.4 | 332.1 | 332.8 | 333.4 | 334.1 | 334.5 |
| 135°   | 345.5 | 346.3 | 347.1 | 347.8 | 348.4 | 349.1 | 349.8 | 350.6 | 351.3 | 352.1 | 352.4 |
| 137.5° | 361.8 | 362.6 | 363.4 | 364.2 | 364.9 | 365.7 | 366.4 | 367.2 | 367.9 | 368.6 | 368.8 |
| 140°   | 372.5 | 373.2 | 374.1 | 374.9 | 375.7 | 376.5 | 377.2 | 377.9 | 378.6 | 379.2 | 379.4 |
| 142.5° | 382.0 | 382.8 | 383.7 | 384.6 | 385.6 | 386.5 | 387.1 | 387.8 | 388.4 | 389.0 | 389.1 |
| 145°   | 394.8 | 395.5 | 396.7 | 398.0 | 399.3 | 400.5 | 401.1 | 401.6 | 402.1 | 402.7 | 402.7 |
| 147.5° | 407.3 | 407.8 | 409.1 | 410.4 | 411.6 | 412.9 | 413.3 | 413.7 | 414.1 | 414.5 | 414.5 |
| 150°   | 415.0 | 415.3 | 416.6 | 417.8 | 419.0 | 420.2 | 420.6 | 421.1 | 421.5 | 422.0 | 422.1 |
| 152.5° | 422.1 | 422.4 | 423.5 | 424.7 | 425.8 | 427.0 | 427.4 | 427.9 | 428.3 | 428.8 | 428.7 |
| 155°   | 432.4 | 432.5 | 433.4 | 434.3 | 435.2 | 436.1 | 436.6 | 437.0 | 437.4 | 437.9 | 437.8 |
| 157.5° | 441.2 | 441.2 | 441.8 | 442.4 | 443.1 | 443.7 | 444.2 | 444.7 | 445.2 | 445.8 | 445.7 |
| 160°   | 446.5 | 446.5 | 446.9 | 447.4 | 447.8 | 448.3 | 448.8 | 449.2 | 449.6 | 450.1 | 450.0 |
| 162.5° | 450.8 | 450.8 | 451.1 | 451.5 | 451.9 | 452.3 | 452.9 | 453.4 | 453.9 | 454.4 | 454.3 |
| 165°   | 456.6 | 456.5 | 456.8 | 457.0 | 457.2 | 457.4 | 458.0 | 458.5 | 459.0 | 459.5 | 459.5 |
| 167.5° | 461.0 | 460.9 | 461.1 | 461.3 | 461.5 | 461.7 | 462.2 | 462.8 | 463.3 | 463.8 | 463.7 |
| 170°   | 463.4 | 463.3 | 463.4 | 463.6 | 463.7 | 463.9 | 464.4 | 464.9 | 465.5 | 466.0 | 465.9 |
| 172.5° | 465.0 | 464.9 | 465.0 | 465.2 | 465.3 | 465.5 | 466.0 | 466.5 | 467.1 | 467.6 | 467.5 |
| 175°   | 466.8 | 466.7 | 466.8 | 467.0 | 467.1 | 467.2 | 467.8 | 468.3 | 468.8 | 469.4 | 469.3 |
| 177.5° | 467.6 | 467.4 | 467.5 | 467.5 | 467.6 | 467.6 | 468.1 | 468.5 | 468.9 | 469.4 | 469.3 |
| 180°   | 467.9 | 467.9 | 467.9 | 467.9 | 467.9 | 467.9 | 467.9 | 467.9 | 467.9 | 467.9 | 467.9 |



TEST NUMBER: P331845-927

CATALOG NUMBER: S122RDIW-S1005D435U927-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1747.1 | 1747.1 | 1747.1 | 1747.1 | 1747.1 | 1747.1 | 1747.1 | 1747.1 | 1747.1 | 1747.1 | 1747.1 |
| 2.5°   | 1677.7 | 1678.6 | 1677.2 | 1678.2 | 1677.2 | 1678.6 | 1677.7 | 1683.0 | 1683.9 | 1685.0 | 1683.9 |
| 5°     | 1563.1 | 1555.8 | 1554.7 | 1552.8 | 1554.7 | 1555.8 | 1563.1 | 1566.2 | 1568.6 | 1573.5 | 1582.0 |
| 7.5°   | 1426.5 | 1425.4 | 1422.4 | 1418.1 | 1422.4 | 1425.4 | 1426.5 | 1436.9 | 1445.2 | 1454.6 | 1472.0 |
| 10°    | 1338.6 | 1335.5 | 1334.9 | 1330.6 | 1334.9 | 1335.5 | 1338.6 | 1351.9 | 1361.6 | 1375.0 | 1398.7 |
| 12.5°  | 1235.6 | 1216.1 | 1214.0 | 1203.4 | 1214.0 | 1216.1 | 1235.6 | 1252.8 | 1279.1 | 1292.0 | 1317.1 |
| 15°    | 1052.0 | 1048.4 | 1036.3 | 1028.3 | 1036.3 | 1048.4 | 1052.0 | 1066.6 | 1076.3 | 1111.5 | 1152.2 |
| 17.5°  | 947.1  | 935.3  | 931.4  | 929.8  | 931.4  | 935.3  | 947.1  | 954.2  | 968.0  | 986.6  | 1011.1 |
| 20°    | 879.6  | 868.7  | 866.9  | 865.7  | 866.9  | 868.7  | 879.6  | 888.1  | 899.0  | 919.1  | 944.6  |
| 22.5°  | 833.0  | 821.6  | 816.8  | 813.2  | 816.8  | 821.6  | 833.0  | 839.6  | 849.5  | 865.1  | 882.4  |
| 25°    | 753.4  | 749.1  | 746.7  | 745.4  | 746.7  | 749.1  | 753.4  | 759.5  | 769.1  | 790.4  | 808.6  |
| 27.5°  | 691.1  | 681.8  | 679.9  | 676.8  | 679.9  | 681.8  | 691.1  | 701.9  | 711.9  | 721.5  | 737.8  |
| 30°    | 655.6  | 652.6  | 648.3  | 644.7  | 648.3  | 652.6  | 655.6  | 661.1  | 667.7  | 684.1  | 700.0  |
| 32.5°  | 613.9  | 611.3  | 607.5  | 605.9  | 607.5  | 611.3  | 613.9  | 621.2  | 635.3  | 645.3  | 656.7  |
| 35°    | 567.6  | 559.1  | 555.5  | 550.0  | 555.5  | 559.1  | 567.6  | 573.7  | 579.2  | 587.6  | 608.2  |
| 37.5°  | 518.6  | 514.2  | 509.1  | 510.9  | 509.1  | 514.2  | 518.6  | 521.3  | 532.7  | 544.5  | 553.5  |
| 40°    | 480.8  | 477.8  | 476.6  | 475.9  | 476.6  | 477.8  | 480.8  | 488.7  | 502.6  | 508.1  | 521.5  |
| 42.5°  | 450.7  | 442.3  | 439.1  | 439.0  | 439.1  | 442.3  | 450.7  | 459.5  | 468.2  | 477.1  | 490.8  |
| 45°    | 404.9  | 397.0  | 391.6  | 392.1  | 391.6  | 397.0  | 404.9  | 408.0  | 415.3  | 432.8  | 440.7  |
| 47.5°  | 358.1  | 357.8  | 354.4  | 355.5  | 354.4  | 357.8  | 358.1  | 363.3  | 372.6  | 383.4  | 396.0  |
| 50°    | 335.7  | 332.1  | 329.6  | 330.3  | 329.6  | 332.1  | 335.7  | 339.9  | 345.4  | 350.9  | 370.3  |
| 52.5°  | 314.3  | 311.2  | 309.3  | 311.8  | 309.3  | 311.2  | 314.3  | 316.6  | 320.7  | 326.1  | 339.2  |
| 55°    | 279.2  | 275.6  | 275.0  | 274.4  | 275.0  | 275.6  | 279.2  | 282.3  | 287.2  | 291.4  | 297.5  |
| 57.5°  | 240.0  | 237.6  | 233.9  | 232.3  | 233.9  | 237.6  | 240.0  | 244.5  | 250.3  | 256.0  | 262.2  |
| 60°    | 211.8  | 207.0  | 200.9  | 200.3  | 200.9  | 207.0  | 211.8  | 219.8  | 222.2  | 230.7  | 238.0  |
| 62.5°  | 186.1  | 185.1  | 183.9  | 183.8  | 183.9  | 185.1  | 186.1  | 188.7  | 192.1  | 204.5  | 213.2  |
| 65°    | 163.3  | 162.7  | 163.3  | 163.9  | 163.3  | 162.7  | 163.3  | 164.5  | 165.1  | 166.4  | 170.0  |
| 67.5°  | 142.3  | 141.2  | 140.1  | 140.6  | 140.1  | 141.2  | 142.3  | 142.5  | 144.3  | 145.0  | 147.5  |
| 70°    | 126.3  | 125.6  | 125.1  | 125.1  | 125.1  | 125.6  | 126.3  | 127.5  | 128.7  | 129.9  | 132.9  |
| 72.5°  | 110.7  | 110.6  | 110.0  | 109.5  | 110.0  | 110.6  | 110.7  | 112.9  | 113.7  | 114.9  | 116.9  |
| 75°    | 88.6   | 87.4   | 87.4   | 87.4   | 87.4   | 87.4   | 88.6   | 89.2   | 89.8   | 91.7   | 92.8   |
| 77.5°  | 67.5   | 66.9   | 66.3   | 65.8   | 66.3   | 66.9   | 67.5   | 67.7   | 68.6   | 69.0   | 70.3   |
| 80°    | 53.4   | 52.8   | 52.2   | 52.2   | 52.2   | 52.8   | 53.4   | 54.0   | 54.0   | 55.8   | 55.2   |
| 82.5°  | 40.8   | 40.2   | 40.1   | 39.6   | 40.1   | 40.2   | 40.8   | 40.9   | 40.9   | 42.2   | 42.1   |
| 85°    | 21.9   | 22.5   | 21.9   | 23.1   | 21.9   | 22.5   | 21.9   | 21.2   | 21.9   | 23.1   | 23.1   |
| 87.5°  | 8.1    | 7.6    | 8.1    | 7.7    | 8.1    | 7.6    | 8.1    | 8.0    | 8.5    | 8.4    | 8.3    |
| 90°    | 8.7    | 8.9    | 9.0    | 9.1    | 9.0    | 8.9    | 8.7    | 8.6    | 8.2    | 7.9    | 7.5    |
| 92.5°  | 8.9    | 9.0    | 9.0    | 9.1    | 9.0    | 9.0    | 8.9    | 8.8    | 8.6    | 8.5    | 8.2    |
| 95°    | 14.8   | 14.7   | 14.7   | 14.6   | 14.7   | 14.7   | 14.8   | 14.9   | 14.7   | 14.3   | 13.9   |
| 97.5°  | 19.2   | 19.3   | 19.3   | 19.4   | 19.3   | 19.3   | 19.2   | 19.1   | 18.9   | 18.6   | 18.3   |
| 100°   | 22.3   | 22.4   | 22.5   | 22.7   | 22.5   | 22.4   | 22.3   | 22.1   | 21.7   | 21.1   | 20.5   |
| 102.5° | 23.7   | 23.9   | 24.1   | 24.3   | 24.1   | 23.9   | 23.7   | 23.4   | 23.0   | 22.2   | 21.4   |
| 105°   | 24.8   | 25.1   | 25.4   | 25.7   | 25.4   | 25.1   | 24.8   | 24.6   | 24.0   | 23.1   | 22.3   |
| 107.5° | 25.6   | 25.9   | 26.1   | 26.5   | 26.1   | 25.9   | 25.6   | 25.3   | 25.5   | 26.4   | 27.3   |
| 110°   | 25.8   | 26.1   | 26.5   | 26.8   | 26.5   | 26.1   | 25.8   | 25.5   | 29.2   | 36.7   | 44.2   |



TEST NUMBER: P331845-927

CATALOG NUMBER: S122RDIW-S1005D435U927-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  | 200°  | 205°  | 210°  | 215°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 26.3  | 26.5  | 26.8  | 27.0  | 26.8  | 26.5  | 26.3  | 26.1  | 39.7  | 67.1  | 94.6  |
| 115°   | 44.0  | 38.6  | 33.2  | 27.7  | 33.2  | 38.6  | 44.0  | 49.4  | 69.6  | 104.4 | 139.3 |
| 117.5° | 166.8 | 148.9 | 131.2 | 113.4 | 131.2 | 148.9 | 166.8 | 184.6 | 197.6 | 206.1 | 214.5 |
| 120°   | 237.0 | 226.9 | 216.7 | 206.5 | 216.7 | 226.9 | 237.0 | 247.2 | 251.8 | 250.9 | 250.0 |
| 122.5° | 263.6 | 261.7 | 259.7 | 257.7 | 259.7 | 261.7 | 263.6 | 265.6 | 266.3 | 265.8 | 265.2 |
| 125°   | 288.8 | 289.1 | 289.3 | 289.5 | 289.3 | 289.1 | 288.8 | 288.6 | 288.2 | 287.7 | 287.2 |
| 127.5° | 309.4 | 309.4 | 309.5 | 309.5 | 309.5 | 309.4 | 309.4 | 309.3 | 309.0 | 308.2 | 307.4 |
| 130°   | 322.3 | 322.2 | 322.1 | 322.0 | 322.1 | 322.2 | 322.3 | 322.3 | 321.9 | 321.1 | 320.3 |
| 132.5° | 334.4 | 334.3 | 334.3 | 334.2 | 334.3 | 334.3 | 334.4 | 334.5 | 334.1 | 333.4 | 332.8 |
| 135°   | 352.3 | 352.1 | 352.0 | 351.8 | 352.0 | 352.1 | 352.3 | 352.4 | 352.1 | 351.3 | 350.6 |
| 137.5° | 368.6 | 368.4 | 368.1 | 367.8 | 368.1 | 368.4 | 368.6 | 368.8 | 368.6 | 367.9 | 367.2 |
| 140°   | 379.0 | 378.6 | 378.3 | 377.9 | 378.3 | 378.6 | 379.0 | 379.4 | 379.2 | 378.6 | 377.9 |
| 142.5° | 388.7 | 388.4 | 388.0 | 387.6 | 388.0 | 388.4 | 388.7 | 389.1 | 389.0 | 388.4 | 387.8 |
| 145°   | 402.3 | 402.0 | 401.6 | 401.2 | 401.6 | 402.0 | 402.3 | 402.7 | 402.7 | 402.1 | 401.6 |
| 147.5° | 414.2 | 413.8 | 413.5 | 413.2 | 413.5 | 413.8 | 414.2 | 414.5 | 414.5 | 414.1 | 413.7 |
| 150°   | 421.7 | 421.3 | 420.9 | 420.6 | 420.9 | 421.3 | 421.7 | 422.1 | 422.0 | 421.5 | 421.1 |
| 152.5° | 428.3 | 427.8 | 427.2 | 426.7 | 427.2 | 427.8 | 428.3 | 428.7 | 428.8 | 428.3 | 427.9 |
| 155°   | 437.2 | 436.7 | 436.0 | 435.5 | 436.0 | 436.7 | 437.2 | 437.8 | 437.9 | 437.4 | 437.0 |
| 157.5° | 445.1 | 444.5 | 443.9 | 443.4 | 443.9 | 444.5 | 445.1 | 445.7 | 445.8 | 445.2 | 444.7 |
| 160°   | 449.6 | 449.0 | 448.5 | 448.0 | 448.5 | 449.0 | 449.6 | 450.0 | 450.1 | 449.6 | 449.2 |
| 162.5° | 453.7 | 453.0 | 452.4 | 451.8 | 452.4 | 453.0 | 453.7 | 454.3 | 454.4 | 453.9 | 453.4 |
| 165°   | 459.0 | 458.5 | 458.0 | 457.4 | 458.0 | 458.5 | 459.0 | 459.5 | 459.5 | 459.0 | 458.5 |
| 167.5° | 463.0 | 462.4 | 461.7 | 461.1 | 461.7 | 462.4 | 463.0 | 463.7 | 463.8 | 463.3 | 462.8 |
| 170°   | 465.2 | 464.5 | 463.9 | 463.2 | 463.9 | 464.5 | 465.2 | 465.9 | 466.0 | 465.5 | 464.9 |
| 172.5° | 466.8 | 466.2 | 465.5 | 464.9 | 465.5 | 466.2 | 466.8 | 467.5 | 467.6 | 467.1 | 466.5 |
| 175°   | 468.5 | 467.8 | 467.0 | 466.3 | 467.0 | 467.8 | 468.5 | 469.3 | 469.4 | 468.8 | 468.3 |
| 177.5° | 468.7 | 468.2 | 467.6 | 467.1 | 467.6 | 468.2 | 468.7 | 469.3 | 469.4 | 468.9 | 468.5 |
| 180°   | 467.9 | 467.9 | 467.9 | 467.9 | 467.9 | 467.9 | 467.9 | 467.9 | 467.9 | 467.9 | 467.9 |



TEST NUMBER: P331845-927

CATALOG NUMBER: S122RDIW-S1005D435U927-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°   | 265°   | 270°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1747.1 | 1747.1 | 1747.1 | 1747.1 | 1747.1 | 1747.1 | 1747.1 | 1747.1 | 1747.1 | 1747.1 | 1747.1 |
| 2.5°   | 1680.1 | 1686.9 | 1697.1 | 1702.9 | 1712.6 | 1719.0 | 1722.4 | 1728.6 | 1732.0 | 1744.2 | 1756.8 |
| 5°     | 1586.3 | 1595.9 | 1613.0 | 1628.7 | 1645.8 | 1663.3 | 1676.1 | 1690.7 | 1704.0 | 1727.0 | 1751.4 |
| 7.5°   | 1478.7 | 1492.2 | 1518.5 | 1543.6 | 1573.3 | 1598.1 | 1620.1 | 1645.0 | 1667.2 | 1700.3 | 1734.7 |
| 10°    | 1398.0 | 1421.7 | 1456.3 | 1480.0 | 1518.9 | 1543.7 | 1578.3 | 1605.7 | 1636.6 | 1680.3 | 1719.2 |
| 12.5°  | 1328.6 | 1357.2 | 1385.0 | 1417.8 | 1452.8 | 1494.2 | 1532.2 | 1567.3 | 1604.1 | 1649.2 | 1694.9 |
| 15°    | 1202.6 | 1243.9 | 1287.0 | 1320.3 | 1367.7 | 1411.4 | 1455.7 | 1503.1 | 1548.0 | 1602.0 | 1661.5 |
| 17.5°  | 1040.4 | 1088.2 | 1160.7 | 1217.9 | 1273.5 | 1317.3 | 1372.2 | 1429.5 | 1482.4 | 1547.6 | 1613.8 |
| 20°    | 967.0  | 1002.3 | 1051.4 | 1128.5 | 1212.3 | 1259.0 | 1314.9 | 1378.0 | 1438.7 | 1509.7 | 1580.8 |
| 22.5°  | 908.2  | 939.6  | 979.1  | 1039.2 | 1132.7 | 1196.4 | 1254.7 | 1318.7 | 1389.2 | 1461.7 | 1540.5 |
| 25°    | 824.3  | 846.2  | 887.5  | 936.0  | 1000.4 | 1105.4 | 1169.2 | 1233.5 | 1310.0 | 1387.7 | 1477.6 |
| 27.5°  | 761.4  | 781.0  | 807.9  | 854.2  | 902.1  | 977.5  | 1078.9 | 1149.1 | 1225.3 | 1312.7 | 1406.0 |
| 30°    | 713.3  | 736.3  | 766.1  | 798.9  | 851.1  | 910.0  | 1011.4 | 1092.7 | 1168.0 | 1257.8 | 1357.4 |
| 32.5°  | 678.3  | 696.6  | 721.9  | 755.2  | 798.7  | 855.1  | 936.0  | 1034.9 | 1108.3 | 1202.9 | 1306.9 |
| 35°    | 621.0  | 642.3  | 662.9  | 694.5  | 729.7  | 781.3  | 842.6  | 948.2  | 1021.0 | 1114.5 | 1218.9 |
| 37.5°  | 573.8  | 586.8  | 609.6  | 634.6  | 671.8  | 710.3  | 763.4  | 858.2  | 936.9  | 1028.7 | 1135.6 |
| 40°    | 537.8  | 554.2  | 571.2  | 599.1  | 629.5  | 666.5  | 718.7  | 789.2  | 879.6  | 969.5  | 1073.9 |
| 42.5°  | 502.9  | 523.6  | 541.6  | 560.3  | 593.6  | 630.6  | 673.1  | 732.8  | 825.2  | 910.2  | 1011.7 |
| 45°    | 460.7  | 474.1  | 492.9  | 513.6  | 540.9  | 572.4  | 610.1  | 662.3  | 750.9  | 824.3  | 919.7  |
| 47.5°  | 411.7  | 431.3  | 443.5  | 463.7  | 489.6  | 519.8  | 554.8  | 599.9  | 671.6  | 740.5  | 828.9  |
| 50°    | 378.2  | 398.2  | 415.8  | 434.0  | 457.1  | 486.2  | 515.4  | 559.1  | 616.8  | 689.0  | 771.6  |
| 52.5°  | 349.5  | 367.2  | 384.3  | 402.5  | 425.1  | 451.8  | 479.4  | 517.8  | 567.2  | 633.7  | 713.8  |
| 55°    | 310.2  | 321.2  | 338.7  | 357.0  | 377.0  | 402.5  | 429.2  | 461.4  | 503.8  | 559.7  | 624.6  |
| 57.5°  | 269.9  | 282.5  | 296.5  | 314.8  | 335.1  | 354.7  | 378.7  | 407.8  | 441.3  | 491.9  | 547.5  |
| 60°    | 247.1  | 256.7  | 268.3  | 287.2  | 305.9  | 323.5  | 346.7  | 370.9  | 402.5  | 446.2  | 493.5  |
| 62.5°  | 221.8  | 231.1  | 241.6  | 258.0  | 276.3  | 292.5  | 312.6  | 338.3  | 365.1  | 404.9  | 446.4  |
| 65°    | 179.7  | 193.1  | 203.4  | 217.9  | 233.1  | 250.1  | 265.9  | 286.5  | 310.2  | 341.7  | 378.8  |
| 67.5°  | 149.0  | 155.7  | 165.3  | 178.6  | 194.2  | 208.7  | 223.6  | 239.8  | 260.3  | 284.7  | 314.1  |
| 70°    | 135.4  | 137.8  | 139.7  | 152.3  | 166.9  | 181.5  | 195.5  | 210.6  | 228.2  | 248.3  | 273.8  |
| 72.5°  | 119.4  | 121.8  | 124.1  | 129.5  | 141.2  | 155.7  | 170.2  | 181.5  | 198.1  | 214.8  | 235.4  |
| 75°    | 94.7   | 98.3   | 100.1  | 103.2  | 107.4  | 117.2  | 130.6  | 141.4  | 151.1  | 163.9  | 180.3  |
| 77.5°  | 72.1   | 74.1   | 76.1   | 79.3   | 82.0   | 86.4   | 94.0   | 103.8  | 112.9  | 120.3  | 131.6  |
| 80°    | 57.0   | 57.7   | 60.1   | 61.3   | 65.0   | 68.0   | 71.6   | 79.5   | 88.6   | 91.7   | 99.6   |
| 82.5°  | 43.0   | 43.6   | 45.6   | 46.7   | 48.5   | 51.0   | 55.6   | 57.7   | 64.8   | 68.8   | 73.8   |
| 85°    | 23.7   | 23.1   | 24.9   | 24.9   | 26.1   | 27.3   | 28.5   | 31.5   | 33.4   | 38.3   | 39.5   |
| 87.5°  | 8.7    | 8.6    | 9.0    | 8.9    | 8.8    | 9.6    | 10.0   | 10.3   | 11.1   | 12.4   | 14.2   |
| 90°    | 7.1    | 6.7    | 6.2    | 5.5    | 5.0    | 4.4    | 3.6    | 2.9    | 2.0    | 1.2    | 0.3    |
| 92.5°  | 8.1    | 7.8    | 7.5    | 7.3    | 7.0    | 6.7    | 6.6    | 6.6    | 6.7    | 6.7    | 6.8    |
| 95°    | 13.5   | 13.2   | 12.7   | 12.1   | 11.6   | 11.1   | 12.0   | 14.6   | 17.0   | 19.5   | 22.0   |
| 97.5°  | 18.0   | 17.7   | 16.5   | 15.2   | 14.0   | 12.8   | 15.7   | 22.7   | 29.7   | 36.7   | 43.6   |
| 100°   | 19.9   | 19.3   | 18.0   | 16.7   | 15.4   | 14.2   | 18.7   | 29.0   | 39.3   | 49.6   | 60.0   |
| 102.5° | 20.6   | 19.8   | 30.6   | 41.3   | 52.0   | 62.7   | 69.1   | 71.3   | 73.4   | 75.7   | 77.8   |
| 105°   | 21.5   | 20.7   | 41.2   | 61.7   | 82.3   | 102.8  | 111.9  | 109.7  | 107.4  | 105.2  | 102.9  |
| 107.5° | 28.0   | 28.9   | 53.6   | 78.2   | 102.8  | 127.5  | 138.9  | 137.0  | 135.2  | 133.4  | 131.6  |
| 110°   | 51.7   | 59.3   | 81.0   | 102.7  | 124.5  | 146.2  | 156.3  | 154.7  | 153.1  | 151.5  | 150.0  |



TEST NUMBER: P331845-927

CATALOG NUMBER: S122RDIW-S1005D435U927-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  | 250°  | 255°  | 260°  | 265°  | 270°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 122.0 | 149.5 | 154.8 | 160.2 | 165.6 | 171.0 | 172.9 | 171.5 | 170.2 | 168.7 | 167.3 |
| 115°   | 174.0 | 208.9 | 207.0 | 205.2 | 203.3 | 201.4 | 199.8 | 198.5 | 197.3 | 196.0 | 194.7 |
| 117.5° | 223.0 | 231.4 | 230.1 | 228.8 | 227.5 | 226.2 | 224.8 | 223.4 | 222.0 | 220.5 | 219.1 |
| 120°   | 249.1 | 248.2 | 246.8 | 245.5 | 244.2 | 242.8 | 241.5 | 240.4 | 239.2 | 238.1 | 237.0 |
| 122.5° | 264.7 | 264.2 | 262.7 | 261.2 | 259.8 | 258.3 | 256.9 | 255.7 | 254.5 | 253.3 | 252.2 |
| 125°   | 286.6 | 286.1 | 284.7 | 283.3 | 281.9 | 280.4 | 279.2 | 278.2 | 277.3 | 276.2 | 275.3 |
| 127.5° | 306.7 | 305.9 | 304.8 | 303.7 | 302.7 | 301.6 | 300.6 | 299.4 | 298.3 | 297.3 | 296.2 |
| 130°   | 319.4 | 318.6 | 317.8 | 317.0 | 316.2 | 315.3 | 314.3 | 313.1 | 311.9 | 310.7 | 309.5 |
| 132.5° | 332.1 | 331.4 | 330.5 | 329.7 | 328.8 | 328.0 | 327.1 | 326.1 | 325.0 | 324.0 | 323.1 |
| 135°   | 349.8 | 349.1 | 348.4 | 347.8 | 347.1 | 346.3 | 345.5 | 344.2 | 343.0 | 341.8 | 340.6 |
| 137.5° | 366.4 | 365.7 | 364.9 | 364.2 | 363.4 | 362.6 | 361.8 | 361.0 | 360.1 | 359.3 | 358.5 |
| 140°   | 377.2 | 376.5 | 375.7 | 374.9 | 374.1 | 373.2 | 372.5 | 371.9 | 371.3 | 370.7 | 370.1 |
| 142.5° | 387.1 | 386.5 | 385.6 | 384.6 | 383.7 | 382.8 | 382.0 | 381.4 | 380.9 | 380.4 | 379.9 |
| 145°   | 401.1 | 400.5 | 399.3 | 398.0 | 396.7 | 395.5 | 394.8 | 394.9 | 395.0 | 395.1 | 395.1 |
| 147.5° | 413.3 | 412.9 | 411.6 | 410.4 | 409.1 | 407.8 | 407.3 | 407.7 | 407.9 | 408.2 | 408.4 |
| 150°   | 420.6 | 420.2 | 419.0 | 417.8 | 416.6 | 415.3 | 415.0 | 415.6 | 416.1 | 416.6 | 417.2 |
| 152.5° | 427.4 | 427.0 | 425.8 | 424.7 | 423.5 | 422.4 | 422.1 | 422.7 | 423.3 | 423.9 | 424.5 |
| 155°   | 436.6 | 436.1 | 435.2 | 434.3 | 433.4 | 432.5 | 432.4 | 433.1 | 433.7 | 434.4 | 435.1 |
| 157.5° | 444.2 | 443.7 | 443.1 | 442.4 | 441.8 | 441.2 | 441.2 | 441.7 | 442.3 | 442.8 | 443.4 |
| 160°   | 448.8 | 448.3 | 447.8 | 447.4 | 446.9 | 446.5 | 446.5 | 446.9 | 447.4 | 447.8 | 448.3 |
| 162.5° | 452.9 | 452.3 | 451.9 | 451.5 | 451.1 | 450.8 | 450.8 | 451.3 | 451.7 | 452.2 | 452.7 |
| 165°   | 458.0 | 457.4 | 457.2 | 457.0 | 456.8 | 456.5 | 456.6 | 457.1 | 457.6 | 458.0 | 458.4 |
| 167.5° | 462.2 | 461.7 | 461.5 | 461.3 | 461.1 | 460.9 | 461.0 | 461.4 | 461.9 | 462.3 | 462.8 |
| 170°   | 464.4 | 463.9 | 463.7 | 463.6 | 463.4 | 463.3 | 463.4 | 463.9 | 464.3 | 464.8 | 465.2 |
| 172.5° | 466.0 | 465.5 | 465.3 | 465.2 | 465.0 | 464.9 | 465.0 | 465.5 | 466.0 | 466.4 | 466.8 |
| 175°   | 467.8 | 467.2 | 467.1 | 467.0 | 466.8 | 466.7 | 466.8 | 467.4 | 467.9 | 468.4 | 469.0 |
| 177.5° | 468.1 | 467.6 | 467.6 | 467.5 | 467.5 | 467.4 | 467.6 | 468.0 | 468.4 | 468.9 | 469.3 |
| 180°   | 467.9 | 467.9 | 467.9 | 467.9 | 467.9 | 467.9 | 467.9 | 467.9 | 467.9 | 467.9 | 467.9 |



TEST NUMBER: P331845-927

CATALOG NUMBER: S122RDIW-S1005D435U927-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 275°   | 280°   | 285°   | 290°   | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1747.1 | 1747.1 | 1747.1 | 1747.1 | 1747.1 | 1747.1 | 1747.1 | 1747.1 | 1747.1 | 1747.1 | 1747.1 |
| 2.5°   | 1757.3 | 1758.7 | 1768.5 | 1772.8 | 1781.6 | 1784.9 | 1788.9 | 1787.9 | 1787.9 | 1789.9 | 1803.4 |
| 5°     | 1761.1 | 1773.2 | 1791.4 | 1809.0 | 1826.1 | 1840.6 | 1850.3 | 1860.0 | 1863.7 | 1881.3 | 1897.0 |
| 7.5°   | 1754.8 | 1777.1 | 1807.2 | 1834.1 | 1866.2 | 1891.3 | 1912.2 | 1931.0 | 1943.9 | 1969.5 | 1995.7 |
| 10°    | 1746.5 | 1778.1 | 1812.0 | 1846.7 | 1890.9 | 1924.4 | 1958.4 | 1984.5 | 1993.0 | 2031.2 | 2053.1 |
| 12.5°  | 1730.0 | 1772.3 | 1815.4 | 1860.3 | 1903.6 | 1949.6 | 1987.0 | 2013.1 | 2043.0 | 2077.3 | 2117.7 |
| 15°    | 1705.3 | 1753.8 | 1810.2 | 1867.9 | 1929.8 | 1985.7 | 2025.8 | 2071.2 | 2104.0 | 2141.7 | 2176.9 |
| 17.5°  | 1669.7 | 1732.2 | 1804.0 | 1870.7 | 1942.4 | 2002.3 | 2057.5 | 2101.1 | 2124.2 | 2145.7 | 2150.9 |
| 20°    | 1641.5 | 1708.9 | 1793.3 | 1872.2 | 1943.8 | 2013.0 | 2067.6 | 2104.0 | 2110.1 | 2110.7 | 2078.5 |
| 22.5°  | 1610.9 | 1687.0 | 1775.3 | 1856.2 | 1941.9 | 2018.8 | 2061.3 | 2076.9 | 2052.8 | 2011.7 | 1949.4 |
| 25°    | 1554.7 | 1642.7 | 1745.3 | 1837.5 | 1931.0 | 2003.9 | 2018.5 | 1991.2 | 1906.8 | 1818.1 | 1705.8 |
| 27.5°  | 1493.7 | 1592.7 | 1702.6 | 1805.2 | 1904.8 | 1950.0 | 1918.5 | 1820.0 | 1668.1 | 1536.0 | 1375.9 |
| 30°    | 1449.1 | 1560.1 | 1668.2 | 1782.9 | 1875.2 | 1894.6 | 1822.4 | 1677.3 | 1500.0 | 1300.9 | 1141.3 |
| 32.5°  | 1398.0 | 1514.5 | 1633.2 | 1751.8 | 1829.1 | 1810.1 | 1690.8 | 1512.2 | 1304.3 | 1108.6 | 957.7  |
| 35°    | 1325.2 | 1445.4 | 1573.5 | 1692.5 | 1741.6 | 1659.7 | 1481.2 | 1248.7 | 1036.3 | 853.5  | 749.7  |
| 37.5°  | 1241.0 | 1372.0 | 1505.1 | 1614.4 | 1610.9 | 1474.3 | 1231.2 | 991.2  | 812.6  | 704.6  | 630.6  |
| 40°    | 1181.3 | 1313.7 | 1457.5 | 1549.8 | 1510.4 | 1332.5 | 1069.1 | 842.6  | 712.1  | 625.9  | 571.9  |
| 42.5°  | 1124.0 | 1256.9 | 1399.8 | 1473.1 | 1404.5 | 1185.8 | 923.4  | 745.9  | 638.3  | 571.0  | 527.2  |
| 45°    | 1026.5 | 1166.7 | 1299.1 | 1339.7 | 1217.1 | 976.1  | 746.7  | 618.0  | 546.4  | 496.5  | 466.2  |
| 47.5°  | 931.2  | 1069.1 | 1189.9 | 1190.6 | 1024.8 | 791.6  | 629.9  | 534.8  | 473.6  | 435.1  | 413.0  |
| 50°    | 872.9  | 1004.1 | 1105.4 | 1089.6 | 901.5  | 704.2  | 563.3  | 481.4  | 430.4  | 400.7  | 377.6  |
| 52.5°  | 807.4  | 934.6  | 1022.4 | 977.5  | 797.1  | 619.6  | 503.6  | 434.7  | 392.5  | 366.6  | 346.0  |
| 55°    | 712.1  | 825.0  | 886.9  | 818.9  | 650.1  | 515.4  | 425.6  | 371.5  | 339.9  | 318.1  | 300.5  |
| 57.5°  | 618.5  | 711.6  | 750.6  | 671.4  | 535.5  | 427.4  | 360.0  | 319.4  | 288.1  | 272.4  | 263.3  |
| 60°    | 559.7  | 639.2  | 666.5  | 579.2  | 465.6  | 373.9  | 318.7  | 281.1  | 258.0  | 247.7  | 238.6  |
| 62.5°  | 501.9  | 566.9  | 578.1  | 498.0  | 405.9  | 327.3  | 279.9  | 248.0  | 232.7  | 222.9  | 214.3  |
| 65°    | 416.5  | 463.2  | 457.7  | 393.4  | 321.2  | 259.8  | 225.2  | 205.8  | 194.2  | 180.3  | 165.1  |
| 67.5°  | 342.9  | 371.4  | 354.2  | 305.9  | 245.1  | 201.9  | 179.4  | 164.6  | 150.3  | 137.0  | 133.6  |
| 70°    | 296.3  | 312.6  | 294.5  | 250.1  | 200.9  | 169.4  | 151.1  | 133.6  | 125.1  | 122.0  | 116.5  |
| 72.5°  | 251.6  | 257.3  | 237.6  | 199.6  | 163.5  | 140.2  | 122.5  | 112.6  | 108.1  | 105.5  | 102.0  |
| 75°    | 188.8  | 184.6  | 167.5  | 137.8  | 113.5  | 97.8   | 92.3   | 88.6   | 85.6   | 83.2   | 81.4   |
| 77.5°  | 132.6  | 126.4  | 111.2  | 91.8   | 79.1   | 71.5   | 68.2   | 66.3   | 64.8   | 63.6   | 61.8   |
| 80°    | 99.6   | 95.3   | 80.2   | 65.6   | 60.1   | 56.5   | 54.7   | 52.2   | 52.2   | 51.0   | 49.2   |
| 82.5°  | 72.9   | 68.1   | 54.9   | 48.1   | 45.1   | 42.9   | 41.5   | 40.1   | 39.6   | 39.8   | 38.5   |
| 85°    | 38.3   | 31.0   | 27.3   | 26.1   | 24.3   | 23.1   | 23.7   | 22.5   | 22.5   | 22.5   | 21.9   |
| 87.5°  | 11.9   | 9.7    | 9.3    | 9.0    | 9.6    | 9.7    | 9.3    | 9.5    | 10.1   | 9.7    | 10.2   |
| 90°    | 1.2    | 2.0    | 2.9    | 3.6    | 4.4    | 5.0    | 5.5    | 6.2    | 6.7    | 7.1    | 7.5    |
| 92.5°  | 6.7    | 6.7    | 6.6    | 6.6    | 6.7    | 7.0    | 7.3    | 7.5    | 7.8    | 8.1    | 8.2    |
| 95°    | 19.5   | 17.0   | 14.6   | 12.0   | 11.1   | 11.6   | 12.1   | 12.7   | 13.2   | 13.5   | 13.9   |
| 97.5°  | 36.7   | 29.7   | 22.7   | 15.7   | 12.8   | 14.0   | 15.2   | 16.5   | 17.7   | 18.0   | 18.3   |
| 100°   | 49.6   | 39.3   | 29.0   | 18.7   | 14.2   | 15.4   | 16.7   | 18.0   | 19.3   | 19.9   | 20.5   |
| 102.5° | 75.7   | 73.4   | 71.3   | 69.1   | 62.7   | 52.0   | 41.3   | 30.6   | 19.8   | 20.6   | 21.4   |
| 105°   | 105.2  | 107.4  | 109.7  | 111.9  | 102.8  | 82.3   | 61.7   | 41.2   | 20.7   | 21.5   | 22.3   |
| 107.5° | 133.4  | 135.2  | 137.0  | 138.9  | 127.5  | 102.8  | 78.2   | 53.6   | 28.9   | 28.0   | 27.3   |
| 110°   | 151.5  | 153.1  | 154.7  | 156.3  | 146.2  | 124.5  | 102.7  | 81.0   | 59.3   | 51.7   | 44.2   |





TEST NUMBER: P331845-927

CATALOG NUMBER: S122RDIW-S1005D435U927-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 275°  | 280°  | 285°  | 290°  | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 168.7 | 170.2 | 171.5 | 172.9 | 171.0 | 165.6 | 160.2 | 154.8 | 149.5 | 122.0 | 94.6  |
| 115°   | 196.0 | 197.3 | 198.5 | 199.8 | 201.4 | 203.3 | 205.2 | 207.0 | 208.9 | 174.0 | 139.3 |
| 117.5° | 220.5 | 222.0 | 223.4 | 224.8 | 226.2 | 227.5 | 228.8 | 230.1 | 231.4 | 223.0 | 214.5 |
| 120°   | 238.1 | 239.2 | 240.4 | 241.5 | 242.8 | 244.2 | 245.5 | 246.8 | 248.2 | 249.1 | 250.0 |
| 122.5° | 253.3 | 254.5 | 255.7 | 256.9 | 258.3 | 259.8 | 261.2 | 262.7 | 264.2 | 264.7 | 265.2 |
| 125°   | 276.2 | 277.3 | 278.2 | 279.2 | 280.4 | 281.9 | 283.3 | 284.7 | 286.1 | 286.6 | 287.2 |
| 127.5° | 297.3 | 298.3 | 299.4 | 300.6 | 301.6 | 302.7 | 303.7 | 304.8 | 305.9 | 306.7 | 307.4 |
| 130°   | 310.7 | 311.9 | 313.1 | 314.3 | 315.3 | 316.2 | 317.0 | 317.8 | 318.6 | 319.4 | 320.3 |
| 132.5° | 324.0 | 325.0 | 326.1 | 327.1 | 328.0 | 328.8 | 329.7 | 330.5 | 331.4 | 332.1 | 332.8 |
| 135°   | 341.8 | 343.0 | 344.2 | 345.5 | 346.3 | 347.1 | 347.8 | 348.4 | 349.1 | 349.8 | 350.6 |
| 137.5° | 359.3 | 360.1 | 361.0 | 361.8 | 362.6 | 363.4 | 364.2 | 364.9 | 365.7 | 366.4 | 367.2 |
| 140°   | 370.7 | 371.3 | 371.9 | 372.5 | 373.2 | 374.1 | 374.9 | 375.7 | 376.5 | 377.2 | 377.9 |
| 142.5° | 380.4 | 380.9 | 381.4 | 382.0 | 382.8 | 383.7 | 384.6 | 385.6 | 386.5 | 387.1 | 387.8 |
| 145°   | 395.1 | 395.0 | 394.9 | 394.8 | 395.5 | 396.7 | 398.0 | 399.3 | 400.5 | 401.1 | 401.6 |
| 147.5° | 408.2 | 407.9 | 407.7 | 407.3 | 407.8 | 409.1 | 410.4 | 411.6 | 412.9 | 413.3 | 413.7 |
| 150°   | 416.6 | 416.1 | 415.6 | 415.0 | 415.3 | 416.6 | 417.8 | 419.0 | 420.2 | 420.6 | 421.1 |
| 152.5° | 423.9 | 423.3 | 422.7 | 422.1 | 422.4 | 423.5 | 424.7 | 425.8 | 427.0 | 427.4 | 427.9 |
| 155°   | 434.4 | 433.7 | 433.1 | 432.4 | 432.5 | 433.4 | 434.3 | 435.2 | 436.1 | 436.6 | 437.0 |
| 157.5° | 442.8 | 442.3 | 441.7 | 441.2 | 441.2 | 441.8 | 442.4 | 443.1 | 443.7 | 444.2 | 444.7 |
| 160°   | 447.8 | 447.4 | 446.9 | 446.5 | 446.5 | 446.9 | 447.4 | 447.8 | 448.3 | 448.8 | 449.2 |
| 162.5° | 452.2 | 451.7 | 451.3 | 450.8 | 450.8 | 451.1 | 451.5 | 451.9 | 452.3 | 452.9 | 453.4 |
| 165°   | 458.0 | 457.6 | 457.1 | 456.6 | 456.5 | 456.8 | 457.0 | 457.2 | 457.4 | 458.0 | 458.5 |
| 167.5° | 462.3 | 461.9 | 461.4 | 461.0 | 460.9 | 461.1 | 461.3 | 461.5 | 461.7 | 462.2 | 462.8 |
| 170°   | 464.8 | 464.3 | 463.9 | 463.4 | 463.3 | 463.4 | 463.6 | 463.7 | 463.9 | 464.4 | 464.9 |
| 172.5° | 466.4 | 466.0 | 465.5 | 465.0 | 464.9 | 465.0 | 465.2 | 465.3 | 465.5 | 466.0 | 466.5 |
| 175°   | 468.4 | 467.9 | 467.4 | 466.8 | 466.7 | 466.8 | 467.0 | 467.1 | 467.2 | 467.8 | 468.3 |
| 177.5° | 468.9 | 468.4 | 468.0 | 467.6 | 467.4 | 467.5 | 467.5 | 467.6 | 467.6 | 468.1 | 468.5 |
| 180°   | 467.9 | 467.9 | 467.9 | 467.9 | 467.9 | 467.9 | 467.9 | 467.9 | 467.9 | 467.9 | 467.9 |



TEST NUMBER: P331845-927

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**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1747.1 | 1747.1 | 1747.1 | 1747.1 | 1747.1 | 1747.1 | 1747.1 |
| 2.5°   | 1808.3 | 1814.6 | 1817.5 | 1817.5 | 1820.9 | 1819.5 | 1818.0 |
| 5°     | 1912.2 | 1923.7 | 1926.2 | 1937.1 | 1945.0 | 1942.6 | 1943.8 |
| 7.5°   | 2015.5 | 2034.1 | 2052.5 | 2060.9 | 2062.1 | 2067.0 | 2068.9 |
| 10°    | 2079.2 | 2094.4 | 2122.9 | 2118.6 | 2139.8 | 2152.0 | 2132.0 |
| 12.5°  | 2140.3 | 2160.8 | 2180.6 | 2186.1 | 2198.1 | 2202.0 | 2194.1 |
| 15°    | 2195.7 | 2206.6 | 2207.9 | 2204.8 | 2208.4 | 2205.4 | 2193.9 |
| 17.5°  | 2144.0 | 2126.3 | 2090.3 | 2073.3 | 2059.8 | 2039.9 | 2031.9 |
| 20°    | 2058.5 | 2006.3 | 1945.6 | 1921.4 | 1892.8 | 1836.9 | 1850.3 |
| 22.5°  | 1874.0 | 1814.5 | 1753.8 | 1682.9 | 1649.0 | 1596.1 | 1592.9 |
| 25°    | 1586.8 | 1484.2 | 1371.3 | 1292.4 | 1246.3 | 1193.5 | 1170.4 |
| 27.5°  | 1233.7 | 1104.6 | 1012.1 | 965.2  | 922.6  | 880.7  | 879.0  |
| 30°    | 1001.6 | 904.5  | 832.9  | 792.8  | 766.7  | 749.1  | 752.7  |
| 32.5°  | 844.3  | 777.8  | 729.4  | 696.2  | 676.8  | 663.6  | 663.4  |
| 35°    | 690.2  | 644.7  | 613.7  | 599.8  | 585.8  | 576.1  | 576.7  |
| 37.5°  | 590.7  | 563.3  | 546.1  | 530.7  | 522.0  | 517.2  | 514.5  |
| 40°    | 539.6  | 517.2  | 503.8  | 494.7  | 487.4  | 480.8  | 479.6  |
| 42.5°  | 499.4  | 480.8  | 467.5  | 460.3  | 453.4  | 448.8  | 447.5  |
| 45°    | 443.1  | 427.9  | 415.8  | 408.0  | 404.9  | 400.7  | 400.7  |
| 47.5°  | 394.2  | 379.3  | 369.8  | 364.9  | 359.7  | 356.8  | 356.7  |
| 50°    | 361.2  | 349.7  | 341.2  | 338.1  | 333.9  | 332.1  | 331.4  |
| 52.5°  | 331.6  | 323.0  | 316.9  | 314.8  | 313.0  | 310.7  | 311.1  |
| 55°    | 291.4  | 286.5  | 284.1  | 282.3  | 279.2  | 275.6  | 278.1  |
| 57.5°  | 257.5  | 253.4  | 246.8  | 241.1  | 238.4  | 235.8  | 236.8  |
| 60°    | 233.7  | 225.2  | 216.7  | 210.0  | 208.2  | 202.7  | 202.7  |
| 62.5°  | 203.6  | 191.7  | 181.3  | 177.5  | 175.7  | 173.2  | 172.6  |
| 65°    | 156.6  | 151.8  | 149.3  | 146.9  | 145.7  | 145.7  | 144.5  |
| 67.5°  | 129.8  | 127.9  | 125.2  | 124.5  | 123.3  | 123.0  | 122.6  |
| 70°    | 114.7  | 112.3  | 111.1  | 110.5  | 109.2  | 109.9  | 108.1  |
| 72.5°  | 100.1  | 98.2   | 98.0   | 96.4   | 95.7   | 95.8   | 94.4   |
| 75°    | 78.9   | 78.9   | 78.3   | 77.7   | 76.5   | 75.9   | 76.5   |
| 77.5°  | 60.7   | 60.8   | 59.7   | 59.7   | 59.5   | 59.7   | 59.0   |
| 80°    | 48.6   | 49.2   | 48.6   | 47.9   | 47.4   | 47.9   | 47.4   |
| 82.5°  | 38.3   | 37.5   | 37.4   | 37.3   | 37.2   | 36.8   | 36.7   |
| 85°    | 21.9   | 22.5   | 21.9   | 21.2   | 21.2   | 21.2   | 21.9   |
| 87.5°  | 9.8    | 9.9    | 10.0   | 10.0   | 10.1   | 10.1   | 9.6    |
| 90°    | 7.9    | 8.2    | 8.6    | 8.7    | 8.9    | 9.0    | 9.1    |
| 92.5°  | 8.5    | 8.6    | 8.8    | 8.9    | 9.0    | 9.0    | 9.1    |
| 95°    | 14.3   | 14.7   | 14.9   | 14.8   | 14.7   | 14.7   | 14.6   |
| 97.5°  | 18.6   | 18.9   | 19.1   | 19.2   | 19.3   | 19.3   | 19.4   |
| 100°   | 21.1   | 21.7   | 22.1   | 22.3   | 22.4   | 22.5   | 22.7   |
| 102.5° | 22.2   | 23.0   | 23.4   | 23.7   | 23.9   | 24.1   | 24.3   |
| 105°   | 23.1   | 24.0   | 24.6   | 24.8   | 25.1   | 25.4   | 25.7   |
| 107.5° | 26.4   | 25.5   | 25.3   | 25.6   | 25.9   | 26.1   | 26.5   |
| 110°   | 36.7   | 29.2   | 25.5   | 25.8   | 26.1   | 26.5   | 26.8   |



TEST NUMBER: P331845-927

CATALOG NUMBER: S122RDIW-S1005D435U927-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 330°  | 335°  | 340°  | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 67.1  | 39.7  | 26.1  | 26.3  | 26.5  | 26.8  | 27.0  |
| 115°   | 104.4 | 69.6  | 49.4  | 44.0  | 38.6  | 33.2  | 27.7  |
| 117.5° | 206.1 | 197.6 | 184.6 | 166.8 | 148.9 | 131.2 | 113.4 |
| 120°   | 250.9 | 251.8 | 247.2 | 237.0 | 226.9 | 216.7 | 206.5 |
| 122.5° | 265.8 | 266.3 | 265.6 | 263.6 | 261.7 | 259.7 | 257.7 |
| 125°   | 287.7 | 288.2 | 288.6 | 288.8 | 289.1 | 289.3 | 289.5 |
| 127.5° | 308.2 | 309.0 | 309.3 | 309.4 | 309.4 | 309.5 | 309.5 |
| 130°   | 321.1 | 321.9 | 322.3 | 322.3 | 322.2 | 322.1 | 322.0 |
| 132.5° | 333.4 | 334.1 | 334.5 | 334.4 | 334.3 | 334.3 | 334.2 |
| 135°   | 351.3 | 352.1 | 352.4 | 352.3 | 352.1 | 352.0 | 351.8 |
| 137.5° | 367.9 | 368.6 | 368.8 | 368.6 | 368.4 | 368.1 | 367.8 |
| 140°   | 378.6 | 379.2 | 379.4 | 379.0 | 378.6 | 378.3 | 377.9 |
| 142.5° | 388.4 | 389.0 | 389.1 | 388.7 | 388.4 | 388.0 | 387.6 |
| 145°   | 402.1 | 402.7 | 402.7 | 402.3 | 402.0 | 401.6 | 401.2 |
| 147.5° | 414.1 | 414.5 | 414.5 | 414.2 | 413.8 | 413.5 | 413.2 |
| 150°   | 421.5 | 422.0 | 422.1 | 421.7 | 421.3 | 420.9 | 420.6 |
| 152.5° | 428.3 | 428.8 | 428.7 | 428.3 | 427.8 | 427.2 | 426.7 |
| 155°   | 437.4 | 437.9 | 437.8 | 437.2 | 436.7 | 436.0 | 435.5 |
| 157.5° | 445.2 | 445.8 | 445.7 | 445.1 | 444.5 | 443.9 | 443.4 |
| 160°   | 449.6 | 450.1 | 450.0 | 449.6 | 449.0 | 448.5 | 448.0 |
| 162.5° | 453.9 | 454.4 | 454.3 | 453.7 | 453.0 | 452.4 | 451.8 |
| 165°   | 459.0 | 459.5 | 459.5 | 459.0 | 458.5 | 458.0 | 457.4 |
| 167.5° | 463.3 | 463.8 | 463.7 | 463.0 | 462.4 | 461.7 | 461.1 |
| 170°   | 465.5 | 466.0 | 465.9 | 465.2 | 464.5 | 463.9 | 463.2 |
| 172.5° | 467.1 | 467.6 | 467.5 | 466.8 | 466.2 | 465.5 | 464.9 |
| 175°   | 468.8 | 469.4 | 469.3 | 468.5 | 467.8 | 467.0 | 466.3 |
| 177.5° | 468.9 | 469.4 | 469.3 | 468.7 | 468.2 | 467.6 | 467.1 |
| 180°   | 467.9 | 467.9 | 467.9 | 467.9 | 467.9 | 467.9 | 467.9 |

(END OF REPORT)