

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: P332181-927

Luminaire Tested: **S123DIW-S1000D460U927-4F0-1E-UDD-A1**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P332181-927  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-9,  
Test Lab: INNOVATION CENTER  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: NEO-RAY  
Catalog Number: S123DIW-S1000D460U927-4F0-1E-UDD-A1  
Description: DEFINE 3 DIRECT-INDIRECT WALL MOUNT LED LUMINAIRE  
DOWNLIGHT 1000 LUMENS PER FOOT, ASYMMETRIC DIFFUSER  
UPLIGHT 460 LUMENS PER FOOT, FLUSH SATIN WHITE DIFFUSER  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

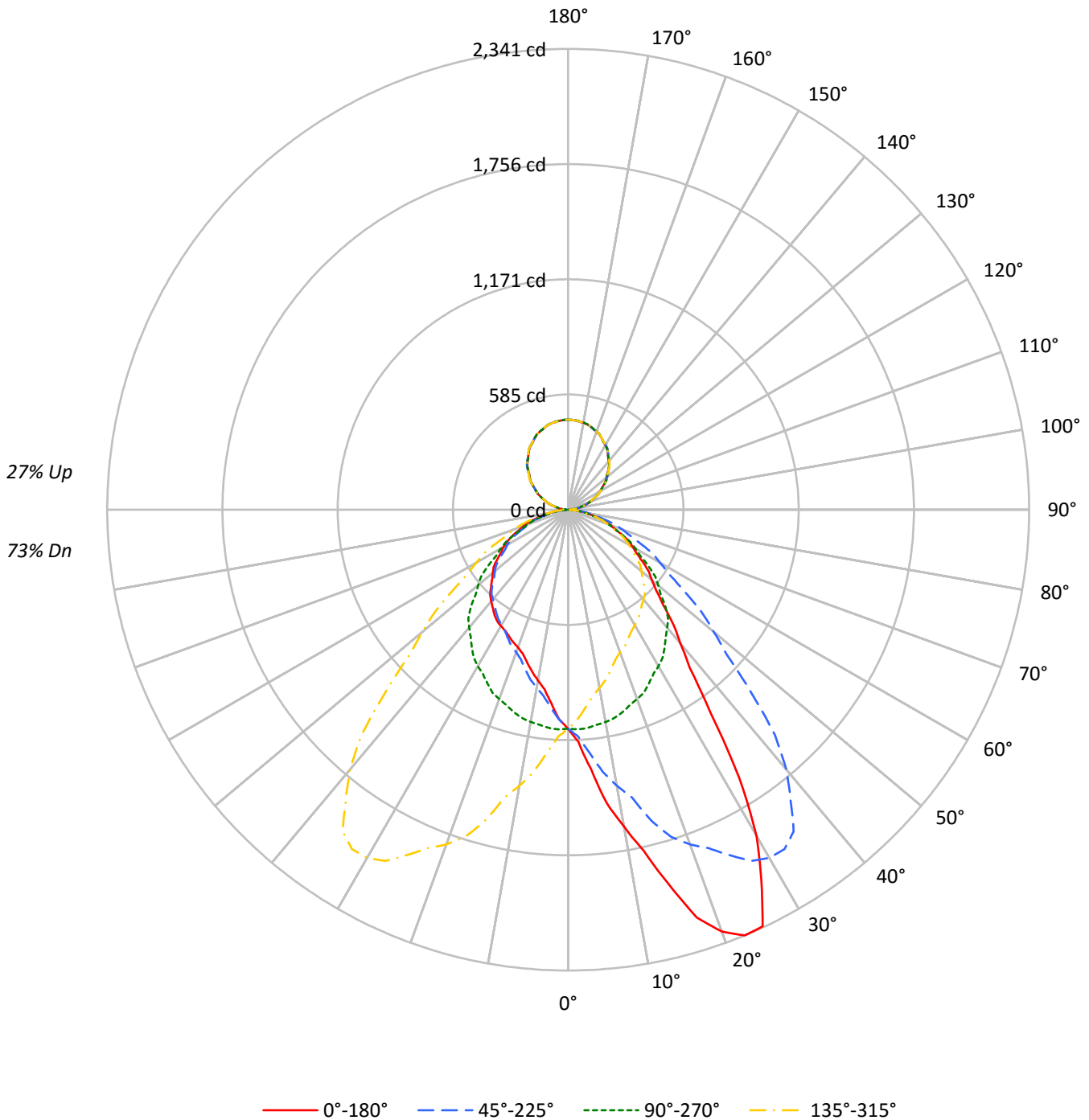
Lumens per Lamp: N/A  
Luminaire Lumens: 4625.8 lumens  
Efficiency: N/A  
Efficacy: 100.1 lumens/watt  
Spacing Criteria (0/90/45): 1.37 / 1.23 / 1.49  
Luminous Opening: Rectangular (W 4' x L: 0.25' x H: 0')  
CIE Type: Semi-Direct  
  
Input Watts (W): 46.2  
Input Voltage (V): 120  
Input Current (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: P332181-927

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### Luminous Intensity Polar Plot





TEST NUMBER: P332181-927

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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   | 113 | 113 | 113 | 113 | 107 | 107 | 107 | 107 | 96 | 96 | 96 | 86 | 86 | 86 | 77 | 77 | 77 | 73 |
| 1   | 103 | 99  | 95  | 92  | 98  | 94  | 91  | 88  | 85 | 82 | 80 | 76 | 74 | 73 | 69 | 67 | 66 | 62 |
| 2   | 94  | 87  | 81  | 75  | 89  | 83  | 77  | 72  | 75 | 70 | 67 | 68 | 64 | 61 | 61 | 58 | 56 | 53 |
| 3   | 86  | 77  | 69  | 63  | 82  | 73  | 66  | 61  | 66 | 61 | 57 | 60 | 56 | 52 | 54 | 51 | 48 | 45 |
| 4   | 79  | 68  | 60  | 54  | 75  | 65  | 58  | 52  | 59 | 53 | 49 | 54 | 49 | 45 | 49 | 45 | 42 | 39 |
| 5   | 73  | 61  | 53  | 47  | 69  | 58  | 51  | 45  | 53 | 47 | 42 | 48 | 43 | 39 | 44 | 40 | 37 | 34 |
| 6   | 67  | 55  | 47  | 41  | 64  | 53  | 45  | 39  | 48 | 42 | 37 | 44 | 39 | 35 | 40 | 36 | 32 | 30 |
| 7   | 62  | 50  | 42  | 36  | 59  | 48  | 40  | 35  | 44 | 37 | 33 | 40 | 35 | 31 | 37 | 32 | 29 | 26 |
| 8   | 58  | 45  | 37  | 32  | 55  | 44  | 36  | 31  | 40 | 34 | 29 | 37 | 31 | 28 | 34 | 29 | 26 | 24 |
| 9   | 54  | 42  | 34  | 29  | 51  | 40  | 33  | 28  | 37 | 31 | 26 | 34 | 29 | 25 | 31 | 27 | 23 | 21 |
| 10  | 51  | 38  | 31  | 26  | 48  | 37  | 30  | 25  | 34 | 28 | 24 | 31 | 26 | 23 | 29 | 24 | 21 | 19 |

**AVERAGE LUMINANCE (cd/sqm):**

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 11976 | 11976 | 11976 | 11976 |
| 5°  | 14282 | 12028 | 10659 | 12028 |
| 10° | 17876 | 11967 | 9627  | 11967 |
| 15° | 21926 | 11870 | 8963  | 11870 |
| 20° | 26120 | 11720 | 8534  | 11720 |
| 25° | 27736 | 11537 | 8438  | 11537 |
| 30° | 23772 | 11404 | 8483  | 11404 |
| 35° | 16533 | 11213 | 8571  | 11213 |
| 40° | 12452 | 10991 | 8545  | 10991 |
| 45° | 10339 | 10660 | 8435  | 10660 |
| 50° | 9262  | 9984  | 8359  | 9984  |
| 55° | 8659  | 9256  | 8255  | 9256  |
| 60° | 8122  | 8495  | 8170  | 8495  |
| 65° | 7636  | 7743  | 7908  | 7743  |
| 70° | 7160  | 6889  | 7531  | 6889  |
| 75° | 6413  | 6030  | 6904  | 6030  |
| 80° | 5610  | 4947  | 5945  | 4947  |
| 85° | 4397  | 3594  | 3989  | 3594  |



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 109.6  | 2.4       |
| 10°-20°   | 351.5  | 7.6       |
| 20°-30°   | 589.8  | 12.8      |
| 30°-40°   | 667.9  | 14.4      |
| 40°-50°   | 598.9  | 12.9      |
| 50°-60°   | 483.3  | 10.4      |
| 60°-70°   | 336.8  | 7.3       |
| 70°-80°   | 177.0  | 3.8       |
| 80°-90°   | 44.7   | 1.0       |
| 90°-100°  | 29.8   | 0.6       |
| 100°-110° | 89.1   | 1.9       |
| 110°-120° | 151.6  | 3.3       |
| 120°-130° | 199.4  | 4.3       |
| 130°-140° | 224.1  | 4.8       |
| 140°-150° | 220.3  | 4.8       |
| 150°-160° | 185.4  | 4.0       |
| 160°-170° | 123.4  | 2.7       |
| 170°-180° | 43.2   | 0.9       |
| 0°-30°    | 1050.9 | 22.7      |
| 0°-40°    | 1718.8 | 37.2      |
| 0°-60°    | 2801.1 | 60.6      |
| 0°-90°    | 3359.5 | 72.6      |
| 90°-120°  | 270.4  | 5.8       |
| 90°-150°  | 914.1  | 19.8      |
| 90°-180°  | 1266.0 | 27.4      |
| 0°-180°   | 4625.8 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 1113 | 1113 | 1113 | 1113 | 1113 |      |
| 5°   | 1322 | 1113 | 986  | 1113 | 1322 | 137  |
| 15°  | 1968 | 1065 | 804  | 1065 | 1968 | 568  |
| 25°  | 2335 | 971  | 710  | 971  | 2335 | 1024 |
| 35°  | 1258 | 853  | 652  | 853  | 1258 | 817  |
| 45°  | 679  | 700  | 554  | 700  | 679  | 537  |
| 55°  | 461  | 493  | 440  | 493  | 461  | 414  |
| 65°  | 300  | 304  | 310  | 304  | 300  | 298  |
| 75°  | 154  | 145  | 166  | 145  | 154  | 165  |
| 85°  | 36   | 29   | 32   | 29   | 36   | 42   |
| 90°  | 11   | 0    | 11   | 0    | 11   | 7    |
| 95°  | 28   | 21   | 28   | 21   | 28   | 29   |
| 105° | 86   | 81   | 86   | 81   | 86   | 91   |
| 115° | 153  | 153  | 153  | 153  | 153  | 151  |
| 125° | 221  | 223  | 221  | 223  | 221  | 197  |
| 135° | 289  | 290  | 289  | 290  | 289  | 222  |
| 145° | 352  | 352  | 352  | 352  | 352  | 219  |
| 155° | 402  | 402  | 402  | 402  | 402  | 185  |
| 165° | 437  | 438  | 437  | 438  | 437  | 123  |
| 175° | 454  | 456  | 454  | 456  | 454  | 43   |
| 180° | 457  | 457  | 457  | 457  | 457  |      |



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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1112.6 | 1112.6 | 1112.6 | 1112.6 | 1112.6 | 1112.6 | 1112.6 | 1112.6 | 1112.6 | 1112.6 | 1112.6 |
| 2.5°   | 1180.7 | 1180.0 | 1177.7 | 1179.5 | 1176.1 | 1171.3 | 1170.8 | 1166.6 | 1154.1 | 1153.2 | 1149.8 |
| 5°     | 1321.8 | 1317.5 | 1316.9 | 1316.4 | 1308.8 | 1298.6 | 1279.2 | 1277.6 | 1251.7 | 1238.8 | 1223.1 |
| 7.5°   | 1504.4 | 1506.7 | 1498.8 | 1491.9 | 1468.9 | 1453.7 | 1432.8 | 1406.2 | 1374.4 | 1342.2 | 1320.7 |
| 10°    | 1635.5 | 1653.4 | 1631.3 | 1616.1 | 1602.1 | 1575.7 | 1545.0 | 1506.7 | 1468.5 | 1423.7 | 1389.7 |
| 12.5°  | 1776.2 | 1784.9 | 1780.4 | 1766.2 | 1744.5 | 1704.2 | 1649.8 | 1607.7 | 1572.4 | 1497.9 | 1467.8 |
| 15°    | 1967.6 | 2000.5 | 1979.5 | 1930.9 | 1932.1 | 1893.8 | 1822.6 | 1744.5 | 1703.0 | 1637.7 | 1548.8 |
| 17.5°  | 2171.6 | 2175.7 | 2166.8 | 2126.3 | 2099.4 | 2046.8 | 1981.1 | 1906.1 | 1822.1 | 1743.1 | 1648.8 |
| 20°    | 2280.3 | 2277.0 | 2258.2 | 2237.1 | 2190.8 | 2149.8 | 2078.1 | 1994.6 | 1886.7 | 1809.1 | 1706.2 |
| 22.5°  | 2340.7 | 2335.3 | 2326.3 | 2308.7 | 2270.2 | 2226.2 | 2161.8 | 2070.4 | 1967.9 | 1860.9 | 1741.9 |
| 25°    | 2335.3 | 2342.2 | 2343.4 | 2338.5 | 2325.1 | 2298.6 | 2247.9 | 2175.2 | 2072.7 | 1935.3 | 1811.3 |
| 27.5°  | 2123.9 | 2133.9 | 2162.7 | 2188.2 | 2216.8 | 2245.9 | 2242.0 | 2205.9 | 2130.1 | 2011.4 | 1859.8 |
| 30°    | 1912.6 | 1891.1 | 1944.4 | 2011.8 | 2057.6 | 2138.5 | 2183.8 | 2186.5 | 2143.9 | 2042.0 | 1894.3 |
| 32.5°  | 1619.4 | 1643.1 | 1666.7 | 1749.6 | 1849.7 | 1940.5 | 2030.7 | 2103.2 | 2111.6 | 2043.8 | 1914.5 |
| 35°    | 1258.2 | 1287.9 | 1330.9 | 1374.1 | 1481.9 | 1574.6 | 1733.1 | 1871.1 | 1981.1 | 1995.7 | 1916.4 |
| 37.5°  | 1013.9 | 1028.6 | 1055.8 | 1099.1 | 1169.6 | 1279.5 | 1402.2 | 1576.6 | 1735.9 | 1854.4 | 1859.6 |
| 40°    | 886.2  | 890.6  | 921.3  | 954.2  | 1011.3 | 1101.8 | 1212.4 | 1366.5 | 1557.4 | 1722.9 | 1791.9 |
| 42.5°  | 790.5  | 799.9  | 813.0  | 844.6  | 890.1  | 958.2  | 1061.0 | 1188.4 | 1363.3 | 1553.8 | 1688.8 |
| 45°    | 679.2  | 690.0  | 698.1  | 719.1  | 751.5  | 797.3  | 869.0  | 985.4  | 1118.6 | 1315.3 | 1497.0 |
| 47.5°  | 605.7  | 606.6  | 612.6  | 628.4  | 650.5  | 684.8  | 735.5  | 810.3  | 932.6  | 1092.2 | 1278.7 |
| 50°    | 553.1  | 561.7  | 563.9  | 576.2  | 593.5  | 618.9  | 660.9  | 724.5  | 824.8  | 965.0  | 1136.4 |
| 52.5°  | 516.0  | 518.6  | 524.7  | 533.6  | 548.7  | 568.4  | 604.8  | 654.7  | 733.3  | 852.8  | 1010.4 |
| 55°    | 461.4  | 461.4  | 467.4  | 474.4  | 483.0  | 500.8  | 525.1  | 561.7  | 621.5  | 714.3  | 844.7  |
| 57.5°  | 411.0  | 413.7  | 417.9  | 420.0  | 427.4  | 439.1  | 459.4  | 487.2  | 531.9  | 603.2  | 706.9  |
| 60°    | 377.3  | 382.2  | 381.7  | 386.0  | 392.4  | 401.6  | 418.8  | 441.5  | 481.4  | 538.5  | 625.9  |
| 62.5°  | 348.0  | 347.7  | 347.6  | 352.8  | 359.3  | 368.0  | 379.2  | 398.8  | 432.7  | 483.3  | 557.7  |
| 65°    | 299.8  | 298.7  | 302.5  | 305.6  | 307.8  | 314.3  | 322.9  | 340.2  | 362.8  | 400.5  | 458.2  |
| 67.5°  | 256.8  | 253.7  | 255.7  | 256.8  | 260.5  | 265.5  | 273.6  | 284.3  | 302.3  | 332.6  | 376.0  |
| 70°    | 227.5  | 224.8  | 224.3  | 225.3  | 228.5  | 232.3  | 238.3  | 248.5  | 265.2  | 289.5  | 321.3  |
| 72.5°  | 197.3  | 195.4  | 195.4  | 197.7  | 199.2  | 201.7  | 205.9  | 215.3  | 228.5  | 246.8  | 276.5  |
| 75°    | 154.2  | 154.2  | 154.2  | 154.7  | 156.3  | 158.5  | 161.7  | 166.6  | 176.8  | 189.7  | 209.7  |
| 77.5°  | 115.6  | 115.5  | 114.8  | 114.7  | 117.1  | 118.0  | 118.8  | 123.3  | 129.0  | 137.8  | 152.3  |
| 80°    | 90.5   | 87.9   | 89.0   | 90.5   | 91.7   | 92.2   | 93.8   | 94.9   | 99.7   | 104.6  | 114.8  |
| 82.5°  | 67.3   | 65.0   | 65.2   | 67.7   | 67.9   | 68.4   | 70.1   | 71.6   | 73.4   | 77.9   | 83.3   |
| 85°    | 35.6   | 35.6   | 36.1   | 36.1   | 36.7   | 36.1   | 37.7   | 38.3   | 38.3   | 41.0   | 44.2   |
| 87.5°  | 15.1   | 14.2   | 14.6   | 15.0   | 14.5   | 14.9   | 15.3   | 15.7   | 16.0   | 16.4   | 16.6   |
| 90°    | 10.8   | 10.6   | 10.5   | 10.3   | 10.1   | 9.9    | 9.6    | 9.3    | 9.0    | 8.6    | 7.6    |
| 92.5°  | 14.5   | 14.6   | 14.7   | 14.8   | 14.9   | 14.8   | 14.6   | 14.3   | 14.0   | 13.8   | 13.2   |
| 95°    | 28.0   | 28.0   | 28.0   | 28.0   | 28.0   | 27.8   | 27.5   | 27.2   | 26.9   | 26.5   | 25.9   |
| 97.5°  | 43.1   | 43.1   | 43.2   | 43.2   | 43.2   | 43.0   | 42.7   | 42.3   | 41.9   | 41.6   | 41.1   |
| 100°   | 54.6   | 54.4   | 54.3   | 54.1   | 53.9   | 53.7   | 53.5   | 53.2   | 53.0   | 52.8   | 52.4   |
| 102.5° | 66.3   | 66.4   | 66.4   | 66.5   | 66.5   | 66.4   | 66.1   | 65.9   | 65.7   | 65.4   | 64.9   |
| 105°   | 85.5   | 85.3   | 85.2   | 85.0   | 84.8   | 84.7   | 84.7   | 84.7   | 84.7   | 84.7   | 84.0   |
| 107.5° | 105.4  | 105.4  | 105.5  | 105.6  | 105.7  | 105.6  | 105.4  | 105.1  | 104.9  | 104.6  | 104.3  |
| 110°   | 118.8  | 119.0  | 119.1  | 119.3  | 119.5  | 119.4  | 119.1  | 118.7  | 118.4  | 118.1  | 118.0  |



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**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 25°   | 30°   | 35°   | 40°   | 45°   | 50°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 133.2 | 133.2 | 133.2 | 133.2 | 133.3 | 133.2 | 132.8 | 132.4 | 132.0 | 131.6 | 131.6 |
| 115°   | 153.0 | 153.0 | 153.1 | 153.2 | 153.3 | 153.3 | 153.2 | 153.1 | 153.0 | 153.0 | 153.1 |
| 117.5° | 172.9 | 173.2 | 173.4 | 173.6 | 173.9 | 174.0 | 174.0 | 174.0 | 174.0 | 174.0 | 174.3 |
| 120°   | 187.0 | 187.2 | 187.4 | 187.5 | 187.7 | 187.8 | 187.9 | 188.0 | 188.1 | 188.1 | 188.5 |
| 122.5° | 200.5 | 200.7 | 201.0 | 201.2 | 201.5 | 201.6 | 201.8 | 202.1 | 202.2 | 202.5 | 202.7 |
| 125°   | 220.8 | 221.1 | 221.4 | 221.7 | 222.0 | 222.4 | 222.7 | 223.0 | 223.3 | 223.6 | 223.8 |
| 127.5° | 241.0 | 241.3 | 241.7 | 242.1 | 242.4 | 242.8 | 243.3 | 243.8 | 244.2 | 244.6 | 244.8 |
| 130°   | 254.1 | 254.8 | 255.3 | 255.9 | 256.4 | 256.8 | 257.1 | 257.5 | 257.8 | 258.1 | 258.3 |
| 132.5° | 267.9 | 268.4 | 268.8 | 269.3 | 269.7 | 270.1 | 270.5 | 270.8 | 271.2 | 271.6 | 271.8 |
| 135°   | 289.4 | 289.5 | 289.7 | 289.9 | 290.0 | 290.3 | 290.6 | 290.9 | 291.2 | 291.5 | 291.6 |
| 137.5° | 308.2 | 308.6 | 308.9 | 309.1 | 309.4 | 309.7 | 310.1 | 310.5 | 310.8 | 311.1 | 310.9 |
| 140°   | 320.6 | 321.2 | 321.7 | 322.3 | 322.8 | 323.1 | 323.2 | 323.3 | 323.4 | 323.4 | 323.4 |
| 142.5° | 333.2 | 333.7 | 334.1 | 334.5 | 334.9 | 335.2 | 335.3 | 335.3 | 335.4 | 335.5 | 335.4 |
| 145°   | 351.5 | 351.8 | 352.1 | 352.4 | 352.8 | 352.9 | 353.0 | 353.1 | 353.2 | 353.2 | 353.0 |
| 147.5° | 367.7 | 368.1 | 368.6 | 369.2 | 369.6 | 369.9 | 369.9 | 369.9 | 369.9 | 369.9 | 369.6 |
| 150°   | 378.0 | 378.5 | 379.0 | 379.5 | 379.9 | 380.2 | 380.2 | 380.2 | 380.2 | 380.2 | 380.0 |
| 152.5° | 388.1 | 388.5 | 388.9 | 389.4 | 389.8 | 389.9 | 389.8 | 389.6 | 389.5 | 389.4 | 389.3 |
| 155°   | 401.7 | 402.3 | 402.8 | 403.4 | 403.9 | 404.1 | 403.8 | 403.5 | 403.1 | 402.8 | 402.7 |
| 157.5° | 414.2 | 414.5 | 415.0 | 415.5 | 415.9 | 416.0 | 415.7 | 415.3 | 414.9 | 414.6 | 414.5 |
| 160°   | 422.2 | 422.5 | 422.8 | 423.1 | 423.4 | 423.4 | 423.0 | 422.6 | 422.2 | 421.8 | 421.8 |
| 162.5° | 428.2 | 428.7 | 429.2 | 429.8 | 430.2 | 430.3 | 429.9 | 429.5 | 429.1 | 428.7 | 428.6 |
| 165°   | 436.9 | 437.4 | 438.0 | 438.6 | 439.1 | 439.2 | 438.7 | 438.2 | 437.8 | 437.3 | 437.3 |
| 167.5° | 444.3 | 444.8 | 445.3 | 445.8 | 446.2 | 446.2 | 445.8 | 445.3 | 444.8 | 444.3 | 444.3 |
| 170°   | 448.1 | 448.6 | 449.2 | 449.7 | 450.3 | 450.3 | 449.7 | 449.2 | 448.6 | 448.1 | 448.1 |
| 172.5° | 450.9 | 451.5 | 452.0 | 452.6 | 453.1 | 453.1 | 452.7 | 452.2 | 451.7 | 451.1 | 451.1 |
| 175°   | 454.2 | 454.7 | 455.3 | 455.8 | 456.4 | 456.4 | 455.9 | 455.4 | 455.0 | 454.5 | 454.5 |
| 177.5° | 455.8 | 456.3 | 456.8 | 457.2 | 457.6 | 457.6 | 457.3 | 456.9 | 456.5 | 456.1 | 456.1 |
| 180°   | 457.0 | 457.0 | 457.0 | 457.0 | 457.0 | 457.0 | 457.0 | 457.0 | 457.0 | 457.0 | 457.0 |



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**CANDELA DISTRIBUTION (continued):**

|        | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°   | 105°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1112.6 | 1112.6 | 1112.6 | 1112.6 | 1112.6 | 1112.6 | 1112.6 | 1112.6 | 1112.6 | 1112.6 | 1112.6 |
| 2.5°   | 1147.2 | 1143.7 | 1140.3 | 1134.2 | 1129.0 | 1121.7 | 1119.5 | 1117.0 | 1109.2 | 1102.3 | 1097.1 |
| 5°     | 1217.2 | 1204.3 | 1185.4 | 1168.2 | 1154.1 | 1135.3 | 1124.5 | 1113.2 | 1097.0 | 1082.4 | 1070.6 |
| 7.5°   | 1290.5 | 1265.1 | 1235.8 | 1204.0 | 1174.6 | 1146.1 | 1123.1 | 1102.6 | 1080.0 | 1058.5 | 1041.8 |
| 10°    | 1348.8 | 1312.1 | 1271.1 | 1226.9 | 1189.2 | 1152.5 | 1121.8 | 1094.9 | 1065.7 | 1040.4 | 1019.4 |
| 12.5°  | 1415.2 | 1360.8 | 1304.3 | 1250.6 | 1206.0 | 1155.2 | 1117.9 | 1083.6 | 1050.7 | 1020.2 | 996.6  |
| 15°    | 1493.7 | 1424.7 | 1358.0 | 1284.0 | 1216.2 | 1152.5 | 1108.3 | 1065.2 | 1026.9 | 995.7  | 965.5  |
| 17.5°  | 1565.4 | 1487.2 | 1399.1 | 1309.3 | 1227.3 | 1151.9 | 1090.0 | 1041.2 | 993.4  | 955.1  | 925.0  |
| 20°    | 1605.9 | 1516.9 | 1417.2 | 1324.0 | 1233.4 | 1149.3 | 1081.4 | 1023.2 | 971.4  | 931.0  | 897.0  |
| 22.5°  | 1640.8 | 1536.8 | 1433.6 | 1333.9 | 1233.0 | 1142.4 | 1065.4 | 1005.5 | 949.4  | 909.8  | 873.7  |
| 25°    | 1677.0 | 1552.5 | 1449.1 | 1332.1 | 1219.4 | 1125.6 | 1039.3 | 971.4  | 915.4  | 869.0  | 831.8  |
| 27.5°  | 1708.1 | 1551.5 | 1428.6 | 1302.8 | 1198.0 | 1104.0 | 1011.9 | 939.1  | 879.6  | 829.2  | 791.5  |
| 30°    | 1728.8 | 1553.6 | 1407.5 | 1283.0 | 1177.3 | 1080.3 | 990.8  | 917.5  | 855.0  | 803.7  | 768.2  |
| 32.5°  | 1741.8 | 1552.3 | 1388.1 | 1255.4 | 1144.5 | 1058.8 | 968.0  | 892.1  | 827.8  | 777.4  | 743.1  |
| 35°    | 1749.3 | 1542.9 | 1354.7 | 1198.3 | 1091.6 | 1008.1 | 932.1  | 853.3  | 786.0  | 739.1  | 700.3  |
| 37.5°  | 1734.2 | 1522.9 | 1315.9 | 1143.4 | 1026.5 | 944.2  | 880.3  | 813.3  | 748.8  | 697.1  | 663.7  |
| 40°    | 1710.5 | 1510.0 | 1285.7 | 1104.5 | 981.7  | 902.4  | 848.0  | 782.2  | 718.6  | 669.6  | 638.3  |
| 42.5°  | 1665.2 | 1483.6 | 1252.5 | 1061.4 | 935.1  | 855.8  | 805.7  | 750.8  | 690.5  | 644.5  | 613.2  |
| 45°    | 1554.7 | 1426.4 | 1202.7 | 996.7  | 866.3  | 784.3  | 740.1  | 700.3  | 645.8  | 601.0  | 574.1  |
| 47.5°  | 1401.4 | 1340.2 | 1130.7 | 928.5  | 794.5  | 715.7  | 669.7  | 637.6  | 597.9  | 561.7  | 535.8  |
| 50°    | 1294.8 | 1269.6 | 1081.9 | 881.9  | 746.6  | 669.6  | 625.3  | 596.2  | 567.7  | 531.6  | 507.8  |
| 52.5°  | 1172.0 | 1187.6 | 1025.0 | 833.6  | 697.9  | 622.1  | 580.5  | 557.4  | 531.4  | 501.8  | 481.1  |
| 55°    | 998.9  | 1055.5 | 926.7  | 752.6  | 625.3  | 553.1  | 513.7  | 493.2  | 478.2  | 456.1  | 438.2  |
| 57.5°  | 836.9  | 908.9  | 820.4  | 669.0  | 554.1  | 491.7  | 454.0  | 431.7  | 422.0  | 410.4  | 396.4  |
| 60°    | 740.7  | 811.8  | 744.5  | 612.9  | 506.2  | 446.9  | 413.4  | 394.6  | 384.9  | 376.8  | 365.0  |
| 62.5°  | 654.9  | 726.9  | 670.3  | 556.0  | 459.1  | 404.2  | 375.1  | 356.6  | 349.1  | 344.9  | 334.8  |
| 65°    | 536.9  | 598.9  | 561.2  | 467.4  | 391.9  | 343.4  | 317.0  | 304.0  | 297.1  | 295.4  | 288.9  |
| 67.5°  | 437.0  | 484.2  | 456.7  | 387.7  | 328.3  | 286.4  | 264.0  | 252.9  | 247.6  | 247.0  | 242.2  |
| 70°    | 371.5  | 415.7  | 394.6  | 332.1  | 280.8  | 248.0  | 228.5  | 218.9  | 215.6  | 215.1  | 212.4  |
| 72.5°  | 320.5  | 351.3  | 334.6  | 282.5  | 242.9  | 213.0  | 198.8  | 188.7  | 185.0  | 185.8  | 183.9  |
| 75°    | 237.2  | 260.4  | 250.6  | 214.5  | 182.8  | 163.3  | 151.5  | 145.0  | 141.8  | 143.4  | 141.2  |
| 77.5°  | 170.6  | 185.4  | 176.6  | 151.6  | 132.0  | 118.0  | 109.2  | 105.2  | 102.3  | 102.2  | 101.2  |
| 80°    | 128.8  | 137.4  | 132.6  | 117.5  | 101.3  | 89.5   | 82.5   | 79.8   | 78.2   | 77.6   | 77.1   |
| 82.5°  | 91.7   | 99.1   | 93.4   | 83.0   | 72.0   | 64.9   | 60.9   | 57.4   | 56.2   | 56.5   | 55.9   |
| 85°    | 46.3   | 49.0   | 46.9   | 40.4   | 36.1   | 32.9   | 30.7   | 29.1   | 28.0   | 28.6   | 27.5   |
| 87.5°  | 17.3   | 17.5   | 16.0   | 14.1   | 13.1   | 11.6   | 11.4   | 10.5   | 9.7    | 9.9    | 9.6    |
| 90°    | 6.6    | 5.5    | 4.4    | 3.6    | 2.8    | 2.0    | 1.2    | 0.4    | 1.2    | 2.0    | 2.8    |
| 92.5°  | 12.6   | 12.0   | 11.4   | 10.9   | 10.3   | 9.7    | 9.3    | 8.7    | 9.3    | 9.7    | 10.3   |
| 95°    | 25.3   | 24.6   | 24.0   | 23.4   | 22.9   | 22.3   | 21.7   | 21.2   | 21.7   | 22.3   | 22.9   |
| 97.5°  | 40.6   | 40.2   | 39.7   | 39.3   | 38.9   | 38.4   | 38.0   | 37.6   | 38.0   | 38.4   | 38.9   |
| 100°   | 52.0   | 51.6   | 51.2   | 50.7   | 50.2   | 49.7   | 49.3   | 48.8   | 49.3   | 49.7   | 50.2   |
| 102.5° | 64.3   | 63.8   | 63.3   | 62.9   | 62.6   | 62.3   | 62.0   | 61.7   | 62.0   | 62.3   | 62.6   |
| 105°   | 83.3   | 82.5   | 81.8   | 81.4   | 81.3   | 81.1   | 81.0   | 80.8   | 81.0   | 81.1   | 81.3   |
| 107.5° | 104.0  | 103.8  | 103.5  | 103.3  | 103.1  | 103.1  | 103.0  | 102.9  | 103.0  | 103.1  | 103.1  |
| 110°   | 117.8  | 117.6  | 117.5  | 117.3  | 117.2  | 117.0  | 116.8  | 116.7  | 116.8  | 117.0  | 117.2  |





TEST NUMBER: P332181-927

CATALOG NUMBER: S123DIW-S1000D460U927-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 55°   | 60°   | 65°   | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   | 100°  | 105°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 131.6 | 131.5 | 131.5 | 131.4 | 131.3 | 131.3 | 131.1 | 131.0 | 131.1 | 131.3 | 131.3 |
| 115°   | 153.3 | 153.4 | 153.6 | 153.5 | 153.3 | 153.0 | 152.8 | 152.6 | 152.8 | 153.0 | 153.3 |
| 117.5° | 174.4 | 174.7 | 174.8 | 174.9 | 174.8 | 174.6 | 174.4 | 174.3 | 174.4 | 174.6 | 174.8 |
| 120°   | 188.9 | 189.3 | 189.7 | 189.6 | 189.2 | 188.7 | 188.2 | 187.7 | 188.2 | 188.7 | 189.2 |
| 122.5° | 202.9 | 203.1 | 203.3 | 203.2 | 202.9 | 202.6 | 202.2 | 201.8 | 202.2 | 202.6 | 202.9 |
| 125°   | 223.9 | 224.1 | 224.3 | 224.3 | 224.0 | 223.8 | 223.6 | 223.3 | 223.6 | 223.8 | 224.0 |
| 127.5° | 244.9 | 245.2 | 245.3 | 245.2 | 244.6 | 244.2 | 243.6 | 243.1 | 243.6 | 244.2 | 244.6 |
| 130°   | 258.6 | 258.8 | 259.0 | 258.9 | 258.3 | 257.6 | 257.0 | 256.4 | 257.0 | 257.6 | 258.3 |
| 132.5° | 272.0 | 272.1 | 272.4 | 272.1 | 271.5 | 270.8 | 270.1 | 269.5 | 270.1 | 270.8 | 271.5 |
| 135°   | 291.7 | 291.8 | 291.8 | 291.6 | 291.1 | 290.7 | 290.2 | 289.7 | 290.2 | 290.7 | 291.1 |
| 137.5° | 310.7 | 310.5 | 310.3 | 310.0 | 309.6 | 309.2 | 308.8 | 308.4 | 308.8 | 309.2 | 309.6 |
| 140°   | 323.3 | 323.2 | 323.1 | 322.9 | 322.5 | 322.1 | 321.7 | 321.3 | 321.7 | 322.1 | 322.5 |
| 142.5° | 335.3 | 335.1 | 334.9 | 334.7 | 334.3 | 333.9 | 333.5 | 333.1 | 333.5 | 333.9 | 334.3 |
| 145°   | 352.8 | 352.5 | 352.3 | 352.1 | 352.0 | 351.8 | 351.6 | 351.5 | 351.6 | 351.8 | 352.0 |
| 147.5° | 369.4 | 369.2 | 368.9 | 368.7 | 368.4 | 368.1 | 367.8 | 367.6 | 367.8 | 368.1 | 368.4 |
| 150°   | 379.9 | 379.7 | 379.5 | 379.4 | 379.2 | 379.1 | 378.9 | 378.7 | 378.9 | 379.1 | 379.2 |
| 152.5° | 389.2 | 389.0 | 389.0 | 388.8 | 388.6 | 388.4 | 388.2 | 387.9 | 388.2 | 388.4 | 388.6 |
| 155°   | 402.7 | 402.6 | 402.5 | 402.4 | 402.4 | 402.4 | 402.4 | 402.4 | 402.4 | 402.4 | 402.4 |
| 157.5° | 414.5 | 414.5 | 414.4 | 414.4 | 414.5 | 414.6 | 414.7 | 414.8 | 414.7 | 414.6 | 414.5 |
| 160°   | 421.8 | 421.8 | 421.8 | 421.9 | 422.1 | 422.2 | 422.4 | 422.6 | 422.4 | 422.2 | 422.1 |
| 162.5° | 428.6 | 428.5 | 428.5 | 428.6 | 428.7 | 429.0 | 429.2 | 429.4 | 429.2 | 429.0 | 428.7 |
| 165°   | 437.3 | 437.3 | 437.3 | 437.4 | 437.6 | 437.8 | 438.1 | 438.3 | 438.1 | 437.8 | 437.6 |
| 167.5° | 444.2 | 444.1 | 444.0 | 444.2 | 444.5 | 444.8 | 445.1 | 445.4 | 445.1 | 444.8 | 444.5 |
| 170°   | 448.1 | 448.1 | 448.1 | 448.2 | 448.5 | 448.9 | 449.2 | 449.5 | 449.2 | 448.9 | 448.5 |
| 172.5° | 451.1 | 451.1 | 451.1 | 451.3 | 451.7 | 452.0 | 452.3 | 452.7 | 452.3 | 452.0 | 451.7 |
| 175°   | 454.5 | 454.5 | 454.5 | 454.6 | 455.0 | 455.3 | 455.6 | 455.9 | 455.6 | 455.3 | 455.0 |
| 177.5° | 456.1 | 456.1 | 456.1 | 456.3 | 456.5 | 456.8 | 457.0 | 457.3 | 457.0 | 456.8 | 456.5 |
| 180°   | 457.0 | 457.0 | 457.0 | 457.0 | 457.0 | 457.0 | 457.0 | 457.0 | 457.0 | 457.0 | 457.0 |



TEST NUMBER: P332181-927

CATALOG NUMBER: S123DIW-S1000D460U927-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   | 160°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1112.6 | 1112.6 | 1112.6 | 1112.6 | 1112.6 | 1112.6 | 1112.6 | 1112.6 | 1112.6 | 1112.6 | 1112.6 |
| 2.5°   | 1094.1 | 1091.1 | 1086.8 | 1080.3 | 1075.1 | 1066.9 | 1066.9 | 1068.3 | 1068.3 | 1067.8 | 1066.9 |
| 5°     | 1060.9 | 1052.8 | 1043.1 | 1031.8 | 1019.9 | 1008.1 | 1005.9 | 1001.6 | 998.4  | 996.2  | 993.5  |
| 7.5°   | 1025.9 | 1011.5 | 997.4  | 981.5  | 967.1  | 955.1  | 946.8  | 939.9  | 935.5  | 930.7  | 927.3  |
| 10°    | 1002.1 | 984.4  | 967.7  | 950.9  | 932.6  | 918.1  | 908.9  | 902.4  | 897.5  | 893.3  | 891.1  |
| 12.5°  | 974.1  | 953.7  | 935.3  | 919.4  | 899.4  | 884.4  | 875.7  | 872.7  | 867.0  | 857.9  | 853.1  |
| 15°    | 933.1  | 914.3  | 892.2  | 867.9  | 858.2  | 839.9  | 829.7  | 824.8  | 821.6  | 814.5  | 812.4  |
| 17.5°  | 898.1  | 873.4  | 848.6  | 830.5  | 812.5  | 797.6  | 791.9  | 785.8  | 781.6  | 775.9  | 774.1  |
| 20°    | 870.1  | 848.0  | 825.3  | 805.9  | 787.0  | 770.9  | 766.0  | 761.7  | 757.4  | 754.7  | 752.6  |
| 22.5°  | 841.6  | 819.5  | 800.7  | 782.6  | 762.5  | 751.9  | 746.6  | 741.9  | 738.9  | 737.0  | 734.8  |
| 25°    | 801.6  | 782.2  | 761.2  | 745.0  | 728.8  | 721.8  | 718.6  | 715.9  | 713.8  | 711.1  | 710.5  |
| 27.5°  | 765.8  | 744.7  | 727.6  | 712.6  | 700.9  | 695.1  | 692.0  | 690.6  | 691.1  | 692.1  | 692.7  |
| 30°    | 739.1  | 719.7  | 705.7  | 692.7  | 681.9  | 676.5  | 676.0  | 676.0  | 678.2  | 678.7  | 679.8  |
| 32.5°  | 714.5  | 698.5  | 684.5  | 672.0  | 663.8  | 660.1  | 662.2  | 662.2  | 663.9  | 665.4  | 667.3  |
| 35°    | 678.7  | 664.6  | 653.9  | 643.1  | 636.1  | 637.7  | 638.8  | 639.8  | 642.5  | 645.8  | 648.0  |
| 37.5°  | 644.5  | 632.3  | 621.2  | 612.7  | 609.5  | 612.4  | 615.0  | 617.3  | 620.4  | 622.8  | 625.0  |
| 40°    | 620.0  | 610.8  | 600.0  | 592.5  | 593.5  | 595.2  | 597.3  | 600.0  | 602.7  | 604.3  | 606.5  |
| 42.5°  | 597.1  | 587.5  | 579.3  | 573.1  | 574.6  | 576.6  | 577.9  | 579.3  | 582.4  | 585.3  | 586.6  |
| 45°    | 562.3  | 554.7  | 547.2  | 543.4  | 544.5  | 545.6  | 546.6  | 548.3  | 551.0  | 553.1  | 553.7  |
| 47.5°  | 523.1  | 517.8  | 512.8  | 509.1  | 510.8  | 510.4  | 511.8  | 515.2  | 516.1  | 517.4  | 520.4  |
| 50°    | 498.1  | 493.2  | 487.4  | 486.2  | 486.2  | 486.2  | 486.8  | 491.1  | 491.1  | 493.2  | 495.4  |
| 52.5°  | 470.5  | 467.4  | 463.6  | 461.7  | 460.8  | 460.8  | 463.0  | 465.2  | 466.1  | 469.1  | 471.3  |
| 55°    | 429.7  | 426.4  | 423.2  | 421.5  | 420.5  | 421.5  | 425.9  | 426.9  | 429.7  | 431.3  | 432.8  |
| 57.5°  | 387.1  | 384.6  | 382.0  | 381.1  | 380.9  | 382.3  | 384.7  | 387.9  | 388.6  | 393.6  | 396.0  |
| 60°    | 359.0  | 355.2  | 353.1  | 353.1  | 352.0  | 356.9  | 355.8  | 361.2  | 362.3  | 365.5  | 369.2  |
| 62.5°  | 330.1  | 325.0  | 324.2  | 324.2  | 325.7  | 327.1  | 328.6  | 331.0  | 333.8  | 337.9  | 340.8  |
| 65°    | 283.5  | 280.8  | 284.6  | 284.1  | 283.0  | 286.2  | 286.2  | 288.9  | 292.2  | 296.0  | 301.9  |
| 67.5°  | 239.5  | 238.1  | 238.4  | 238.4  | 240.0  | 241.9  | 243.4  | 245.7  | 249.6  | 253.6  | 257.5  |
| 70°    | 209.7  | 211.4  | 208.7  | 210.8  | 212.4  | 212.9  | 214.0  | 217.2  | 221.6  | 224.3  | 228.5  |
| 72.5°  | 180.8  | 180.7  | 181.0  | 181.9  | 183.5  | 184.5  | 185.5  | 189.3  | 193.9  | 196.2  | 199.7  |
| 75°    | 139.1  | 138.6  | 140.1  | 140.1  | 142.8  | 143.9  | 145.0  | 146.6  | 150.9  | 154.2  | 156.9  |
| 77.5°  | 101.6  | 102.2  | 101.9  | 103.7  | 103.0  | 103.1  | 106.5  | 108.1  | 108.6  | 114.9  | 116.4  |
| 80°    | 76.5   | 77.6   | 78.2   | 78.7   | 79.2   | 78.2   | 81.9   | 83.6   | 83.6   | 87.3   | 90.0   |
| 82.5°  | 55.0   | 55.6   | 57.0   | 57.6   | 57.7   | 58.8   | 59.1   | 60.3   | 61.6   | 63.2   | 66.7   |
| 85°    | 27.5   | 29.1   | 29.6   | 29.1   | 29.6   | 28.6   | 30.2   | 30.7   | 31.3   | 31.3   | 31.3   |
| 87.5°  | 9.3    | 10.0   | 9.7    | 10.4   | 10.1   | 10.8   | 10.9   | 10.1   | 10.1   | 11.5   | 9.8    |
| 90°    | 3.6    | 4.4    | 5.5    | 6.6    | 7.6    | 8.6    | 9.0    | 9.3    | 9.6    | 9.9    | 10.1   |
| 92.5°  | 10.9   | 11.4   | 12.0   | 12.6   | 13.2   | 13.8   | 14.0   | 14.3   | 14.6   | 14.8   | 14.9   |
| 95°    | 23.4   | 24.0   | 24.6   | 25.3   | 25.9   | 26.5   | 26.9   | 27.2   | 27.5   | 27.8   | 28.0   |
| 97.5°  | 39.3   | 39.7   | 40.2   | 40.6   | 41.1   | 41.6   | 41.9   | 42.3   | 42.7   | 43.0   | 43.2   |
| 100°   | 50.7   | 51.2   | 51.6   | 52.0   | 52.4   | 52.8   | 53.0   | 53.2   | 53.5   | 53.7   | 53.9   |
| 102.5° | 62.9   | 63.3   | 63.8   | 64.3   | 64.9   | 65.4   | 65.7   | 65.9   | 66.1   | 66.4   | 66.5   |
| 105°   | 81.4   | 81.8   | 82.5   | 83.3   | 84.0   | 84.7   | 84.7   | 84.7   | 84.7   | 84.7   | 84.8   |
| 107.5° | 103.3  | 103.5  | 103.8  | 104.0  | 104.3  | 104.6  | 104.9  | 105.1  | 105.4  | 105.6  | 105.7  |
| 110°   | 117.3  | 117.5  | 117.6  | 117.8  | 118.0  | 118.1  | 118.4  | 118.7  | 119.1  | 119.4  | 119.5  |



TEST NUMBER: P332181-927

CATALOG NUMBER: S123DIW-S1000D460U927-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 110°  | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  | 150°  | 155°  | 160°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 131.4 | 131.5 | 131.5 | 131.6 | 131.6 | 131.6 | 132.0 | 132.4 | 132.8 | 133.2 | 133.3 |
| 115°   | 153.5 | 153.6 | 153.4 | 153.3 | 153.1 | 153.0 | 153.0 | 153.1 | 153.2 | 153.3 | 153.3 |
| 117.5° | 174.9 | 174.8 | 174.7 | 174.4 | 174.3 | 174.0 | 174.0 | 174.0 | 174.0 | 174.0 | 173.9 |
| 120°   | 189.6 | 189.7 | 189.3 | 188.9 | 188.5 | 188.1 | 188.1 | 188.0 | 187.9 | 187.8 | 187.7 |
| 122.5° | 203.2 | 203.3 | 203.1 | 202.9 | 202.7 | 202.5 | 202.2 | 202.1 | 201.8 | 201.6 | 201.5 |
| 125°   | 224.3 | 224.3 | 224.1 | 223.9 | 223.8 | 223.6 | 223.3 | 223.0 | 222.7 | 222.4 | 222.0 |
| 127.5° | 245.2 | 245.3 | 245.2 | 244.9 | 244.8 | 244.6 | 244.2 | 243.8 | 243.3 | 242.8 | 242.4 |
| 130°   | 258.9 | 259.0 | 258.8 | 258.6 | 258.3 | 258.1 | 257.8 | 257.5 | 257.1 | 256.8 | 256.4 |
| 132.5° | 272.1 | 272.4 | 272.1 | 272.0 | 271.8 | 271.6 | 271.2 | 270.8 | 270.5 | 270.1 | 269.7 |
| 135°   | 291.6 | 291.8 | 291.8 | 291.7 | 291.6 | 291.5 | 291.2 | 290.9 | 290.6 | 290.3 | 290.0 |
| 137.5° | 310.0 | 310.3 | 310.5 | 310.7 | 310.9 | 311.1 | 310.8 | 310.5 | 310.1 | 309.7 | 309.4 |
| 140°   | 322.9 | 323.1 | 323.2 | 323.3 | 323.4 | 323.4 | 323.4 | 323.3 | 323.2 | 323.1 | 322.8 |
| 142.5° | 334.7 | 334.9 | 335.1 | 335.3 | 335.4 | 335.5 | 335.4 | 335.3 | 335.3 | 335.2 | 334.9 |
| 145°   | 352.1 | 352.3 | 352.5 | 352.8 | 353.0 | 353.2 | 353.2 | 353.1 | 353.0 | 352.9 | 352.8 |
| 147.5° | 368.7 | 368.9 | 369.2 | 369.4 | 369.6 | 369.9 | 369.9 | 369.9 | 369.9 | 369.9 | 369.6 |
| 150°   | 379.4 | 379.5 | 379.7 | 379.9 | 380.0 | 380.2 | 380.2 | 380.2 | 380.2 | 380.2 | 379.9 |
| 152.5° | 388.8 | 389.0 | 389.0 | 389.2 | 389.3 | 389.4 | 389.5 | 389.6 | 389.8 | 389.9 | 389.8 |
| 155°   | 402.4 | 402.5 | 402.6 | 402.7 | 402.7 | 402.8 | 403.1 | 403.5 | 403.8 | 404.1 | 403.9 |
| 157.5° | 414.4 | 414.4 | 414.5 | 414.5 | 414.5 | 414.6 | 414.9 | 415.3 | 415.7 | 416.0 | 415.9 |
| 160°   | 421.9 | 421.8 | 421.8 | 421.8 | 421.8 | 421.8 | 422.2 | 422.6 | 423.0 | 423.4 | 423.4 |
| 162.5° | 428.6 | 428.5 | 428.5 | 428.6 | 428.6 | 428.7 | 429.1 | 429.5 | 429.9 | 430.3 | 430.2 |
| 165°   | 437.4 | 437.3 | 437.3 | 437.3 | 437.3 | 437.3 | 437.8 | 438.2 | 438.7 | 439.2 | 439.1 |
| 167.5° | 444.2 | 444.0 | 444.1 | 444.2 | 444.3 | 444.3 | 444.8 | 445.3 | 445.8 | 446.2 | 446.2 |
| 170°   | 448.2 | 448.1 | 448.1 | 448.1 | 448.1 | 448.1 | 448.6 | 449.2 | 449.7 | 450.3 | 450.3 |
| 172.5° | 451.3 | 451.1 | 451.1 | 451.1 | 451.1 | 451.1 | 451.7 | 452.2 | 452.7 | 453.1 | 453.1 |
| 175°   | 454.6 | 454.5 | 454.5 | 454.5 | 454.5 | 454.5 | 455.0 | 455.4 | 455.9 | 456.4 | 456.4 |
| 177.5° | 456.3 | 456.1 | 456.1 | 456.1 | 456.1 | 456.1 | 456.5 | 456.9 | 457.3 | 457.6 | 457.6 |
| 180°   | 457.0 | 457.0 | 457.0 | 457.0 | 457.0 | 457.0 | 457.0 | 457.0 | 457.0 | 457.0 | 457.0 |



TEST NUMBER: P332181-927

CATALOG NUMBER: S123DIW-S1000D460U927-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1112.6 | 1112.6 | 1112.6 | 1112.6 | 1112.6 | 1112.6 | 1112.6 | 1112.6 | 1112.6 | 1112.6 | 1112.6 |
| 2.5°   | 1063.9 | 1063.5 | 1066.5 | 1064.4 | 1066.5 | 1063.5 | 1063.9 | 1066.9 | 1067.8 | 1068.3 | 1068.3 |
| 5°     | 990.3  | 991.9  | 986.5  | 986.5  | 986.5  | 991.9  | 990.3  | 993.5  | 996.2  | 998.4  | 1001.6 |
| 7.5°   | 924.7  | 922.3  | 922.6  | 919.6  | 922.6  | 922.3  | 924.7  | 927.3  | 930.7  | 935.5  | 939.9  |
| 10°    | 884.6  | 881.4  | 880.3  | 880.8  | 880.3  | 881.4  | 884.6  | 891.1  | 893.3  | 897.5  | 902.4  |
| 12.5°  | 851.4  | 850.8  | 843.7  | 843.8  | 843.7  | 850.8  | 851.4  | 853.1  | 857.9  | 867.0  | 872.7  |
| 15°    | 812.4  | 802.2  | 801.1  | 804.3  | 801.1  | 802.2  | 812.4  | 812.4  | 814.5  | 821.6  | 824.8  |
| 17.5°  | 773.2  | 767.9  | 768.2  | 766.6  | 768.2  | 767.9  | 773.2  | 774.1  | 775.9  | 781.6  | 785.8  |
| 20°    | 752.6  | 749.3  | 748.8  | 745.0  | 748.8  | 749.3  | 752.6  | 752.6  | 754.7  | 757.4  | 761.7  |
| 22.5°  | 733.6  | 732.5  | 732.8  | 728.6  | 732.8  | 732.5  | 733.6  | 734.8  | 737.0  | 738.9  | 741.9  |
| 25°    | 710.0  | 712.6  | 710.5  | 710.5  | 710.5  | 712.6  | 710.0  | 710.5  | 711.1  | 713.8  | 715.9  |
| 27.5°  | 694.0  | 693.9  | 692.8  | 692.8  | 692.8  | 693.9  | 694.0  | 692.7  | 692.1  | 691.1  | 690.6  |
| 30°    | 681.9  | 681.4  | 682.5  | 682.5  | 682.5  | 681.4  | 681.9  | 679.8  | 678.7  | 678.2  | 676.0  |
| 32.5°  | 669.9  | 670.6  | 670.8  | 671.2  | 670.8  | 670.6  | 669.9  | 667.3  | 665.4  | 663.9  | 662.2  |
| 35°    | 651.2  | 651.7  | 653.4  | 652.3  | 653.4  | 651.7  | 651.2  | 648.0  | 645.8  | 642.5  | 639.8  |
| 37.5°  | 626.0  | 628.4  | 627.9  | 628.8  | 627.9  | 628.4  | 626.0  | 625.0  | 622.8  | 620.4  | 617.3  |
| 40°    | 607.0  | 608.6  | 608.1  | 608.1  | 608.1  | 608.6  | 607.0  | 606.5  | 604.3  | 602.7  | 600.0  |
| 42.5°  | 587.6  | 588.7  | 587.4  | 586.5  | 587.4  | 588.7  | 587.6  | 586.6  | 585.3  | 582.4  | 579.3  |
| 45°    | 555.8  | 554.7  | 556.3  | 554.1  | 556.3  | 554.7  | 555.8  | 553.7  | 553.1  | 551.0  | 548.3  |
| 47.5°  | 520.2  | 521.3  | 521.7  | 523.3  | 521.7  | 521.3  | 520.2  | 520.4  | 517.4  | 516.1  | 515.2  |
| 50°    | 496.5  | 499.7  | 499.7  | 499.2  | 499.7  | 499.7  | 496.5  | 495.4  | 493.2  | 491.1  | 491.1  |
| 52.5°  | 473.2  | 474.7  | 476.9  | 476.7  | 476.9  | 474.7  | 473.2  | 471.3  | 469.1  | 466.1  | 465.2  |
| 55°    | 437.2  | 438.2  | 439.3  | 439.9  | 439.3  | 438.2  | 437.2  | 432.8  | 431.3  | 429.7  | 426.9  |
| 57.5°  | 399.9  | 399.4  | 402.0  | 402.8  | 402.0  | 399.4  | 399.9  | 396.0  | 393.6  | 388.6  | 387.9  |
| 60°    | 373.6  | 373.6  | 377.9  | 379.5  | 377.9  | 373.6  | 373.6  | 369.2  | 365.5  | 362.3  | 361.2  |
| 62.5°  | 345.5  | 347.3  | 351.6  | 349.4  | 351.6  | 347.3  | 345.5  | 340.8  | 337.9  | 333.8  | 331.0  |
| 65°    | 304.6  | 308.9  | 308.3  | 310.5  | 308.3  | 308.9  | 304.6  | 301.9  | 296.0  | 292.2  | 288.9  |
| 67.5°  | 261.7  | 264.4  | 268.3  | 268.7  | 268.3  | 264.4  | 261.7  | 257.5  | 253.6  | 249.6  | 245.7  |
| 70°    | 232.9  | 235.6  | 237.7  | 239.3  | 237.7  | 235.6  | 232.9  | 228.5  | 224.3  | 221.6  | 217.2  |
| 72.5°  | 204.9  | 206.3  | 211.4  | 209.1  | 211.4  | 206.3  | 204.9  | 199.7  | 196.2  | 193.9  | 189.3  |
| 75°    | 160.7  | 164.4  | 167.6  | 166.0  | 167.6  | 164.4  | 160.7  | 156.9  | 154.2  | 150.9  | 146.6  |
| 77.5°  | 118.8  | 122.6  | 124.1  | 122.7  | 124.1  | 122.6  | 118.8  | 116.4  | 114.9  | 108.6  | 108.1  |
| 80°    | 93.8   | 93.2   | 96.5   | 95.9   | 96.5   | 93.2   | 93.8   | 90.0   | 87.3   | 83.6   | 83.6   |
| 82.5°  | 68.8   | 68.3   | 69.8   | 70.1   | 69.8   | 68.3   | 68.8   | 66.7   | 63.2   | 61.6   | 60.3   |
| 85°    | 33.4   | 35.0   | 32.9   | 32.3   | 32.9   | 35.0   | 33.4   | 31.3   | 31.3   | 31.3   | 30.7   |
| 87.5°  | 9.8    | 9.8    | 9.4    | 9.0    | 9.4    | 9.8    | 9.8    | 9.8    | 11.5   | 10.1   | 10.1   |
| 90°    | 10.3   | 10.5   | 10.6   | 10.8   | 10.6   | 10.5   | 10.3   | 10.1   | 9.9    | 9.6    | 9.3    |
| 92.5°  | 14.8   | 14.7   | 14.6   | 14.5   | 14.6   | 14.7   | 14.8   | 14.9   | 14.8   | 14.6   | 14.3   |
| 95°    | 28.0   | 28.0   | 28.0   | 28.0   | 28.0   | 28.0   | 28.0   | 28.0   | 27.8   | 27.5   | 27.2   |
| 97.5°  | 43.2   | 43.2   | 43.1   | 43.1   | 43.1   | 43.2   | 43.2   | 43.2   | 43.0   | 42.7   | 42.3   |
| 100°   | 54.1   | 54.3   | 54.4   | 54.6   | 54.4   | 54.3   | 54.1   | 53.9   | 53.7   | 53.5   | 53.2   |
| 102.5° | 66.5   | 66.4   | 66.4   | 66.3   | 66.4   | 66.4   | 66.5   | 66.5   | 66.4   | 66.1   | 65.9   |
| 105°   | 85.0   | 85.2   | 85.3   | 85.5   | 85.3   | 85.2   | 85.0   | 84.8   | 84.7   | 84.7   | 84.7   |
| 107.5° | 105.6  | 105.5  | 105.4  | 105.4  | 105.4  | 105.5  | 105.6  | 105.7  | 105.6  | 105.4  | 105.1  |
| 110°   | 119.3  | 119.1  | 119.0  | 118.8  | 119.0  | 119.1  | 119.3  | 119.5  | 119.4  | 119.1  | 118.7  |



TEST NUMBER: P332181-927

CATALOG NUMBER: S123DIW-S1000D460U927-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  | 200°  | 205°  | 210°  | 215°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 133.2 | 133.2 | 133.2 | 133.2 | 133.2 | 133.2 | 133.2 | 133.3 | 133.2 | 132.8 | 132.4 |
| 115°   | 153.2 | 153.1 | 153.0 | 153.0 | 153.0 | 153.1 | 153.2 | 153.3 | 153.3 | 153.2 | 153.1 |
| 117.5° | 173.6 | 173.4 | 173.2 | 172.9 | 173.2 | 173.4 | 173.6 | 173.9 | 174.0 | 174.0 | 174.0 |
| 120°   | 187.5 | 187.4 | 187.2 | 187.0 | 187.2 | 187.4 | 187.5 | 187.7 | 187.8 | 187.9 | 188.0 |
| 122.5° | 201.2 | 201.0 | 200.7 | 200.5 | 200.7 | 201.0 | 201.2 | 201.5 | 201.6 | 201.8 | 202.1 |
| 125°   | 221.7 | 221.4 | 221.1 | 220.8 | 221.1 | 221.4 | 221.7 | 222.0 | 222.4 | 222.7 | 223.0 |
| 127.5° | 242.1 | 241.7 | 241.3 | 241.0 | 241.3 | 241.7 | 242.1 | 242.4 | 242.8 | 243.3 | 243.8 |
| 130°   | 255.9 | 255.3 | 254.8 | 254.1 | 254.8 | 255.3 | 255.9 | 256.4 | 256.8 | 257.1 | 257.5 |
| 132.5° | 269.3 | 268.8 | 268.4 | 267.9 | 268.4 | 268.8 | 269.3 | 269.7 | 270.1 | 270.5 | 270.8 |
| 135°   | 289.9 | 289.7 | 289.5 | 289.4 | 289.5 | 289.7 | 289.9 | 290.0 | 290.3 | 290.6 | 290.9 |
| 137.5° | 309.1 | 308.9 | 308.6 | 308.2 | 308.6 | 308.9 | 309.1 | 309.4 | 309.7 | 310.1 | 310.5 |
| 140°   | 322.3 | 321.7 | 321.2 | 320.6 | 321.2 | 321.7 | 322.3 | 322.8 | 323.1 | 323.2 | 323.3 |
| 142.5° | 334.5 | 334.1 | 333.7 | 333.2 | 333.7 | 334.1 | 334.5 | 334.9 | 335.2 | 335.3 | 335.3 |
| 145°   | 352.4 | 352.1 | 351.8 | 351.5 | 351.8 | 352.1 | 352.4 | 352.8 | 352.9 | 353.0 | 353.1 |
| 147.5° | 369.2 | 368.6 | 368.1 | 367.7 | 368.1 | 368.6 | 369.2 | 369.6 | 369.9 | 369.9 | 369.9 |
| 150°   | 379.5 | 379.0 | 378.5 | 378.0 | 378.5 | 379.0 | 379.5 | 379.9 | 380.2 | 380.2 | 380.2 |
| 152.5° | 389.4 | 388.9 | 388.5 | 388.1 | 388.5 | 388.9 | 389.4 | 389.8 | 389.9 | 389.8 | 389.6 |
| 155°   | 403.4 | 402.8 | 402.3 | 401.7 | 402.3 | 402.8 | 403.4 | 403.9 | 404.1 | 403.8 | 403.5 |
| 157.5° | 415.5 | 415.0 | 414.5 | 414.2 | 414.5 | 415.0 | 415.5 | 415.9 | 416.0 | 415.7 | 415.3 |
| 160°   | 423.1 | 422.8 | 422.5 | 422.2 | 422.5 | 422.8 | 423.1 | 423.4 | 423.4 | 423.0 | 422.6 |
| 162.5° | 429.8 | 429.2 | 428.7 | 428.2 | 428.7 | 429.2 | 429.8 | 430.2 | 430.3 | 429.9 | 429.5 |
| 165°   | 438.6 | 438.0 | 437.4 | 436.9 | 437.4 | 438.0 | 438.6 | 439.1 | 439.2 | 438.7 | 438.2 |
| 167.5° | 445.8 | 445.3 | 444.8 | 444.3 | 444.8 | 445.3 | 445.8 | 446.2 | 446.2 | 445.8 | 445.3 |
| 170°   | 449.7 | 449.2 | 448.6 | 448.1 | 448.6 | 449.2 | 449.7 | 450.3 | 450.3 | 449.7 | 449.2 |
| 172.5° | 452.6 | 452.0 | 451.5 | 450.9 | 451.5 | 452.0 | 452.6 | 453.1 | 453.1 | 452.7 | 452.2 |
| 175°   | 455.8 | 455.3 | 454.7 | 454.2 | 454.7 | 455.3 | 455.8 | 456.4 | 456.4 | 455.9 | 455.4 |
| 177.5° | 457.2 | 456.8 | 456.3 | 455.8 | 456.3 | 456.8 | 457.2 | 457.6 | 457.6 | 457.3 | 456.9 |
| 180°   | 457.0 | 457.0 | 457.0 | 457.0 | 457.0 | 457.0 | 457.0 | 457.0 | 457.0 | 457.0 | 457.0 |



TEST NUMBER: P332181-927

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**CANDELA DISTRIBUTION (continued):**

|        | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°   | 265°   | 270°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1112.6 | 1112.6 | 1112.6 | 1112.6 | 1112.6 | 1112.6 | 1112.6 | 1112.6 | 1112.6 | 1112.6 | 1112.6 |
| 2.5°   | 1066.9 | 1066.9 | 1075.1 | 1080.3 | 1086.8 | 1091.1 | 1094.1 | 1097.1 | 1102.3 | 1109.2 | 1117.0 |
| 5°     | 1005.9 | 1008.1 | 1019.9 | 1031.8 | 1043.1 | 1052.8 | 1060.9 | 1070.6 | 1082.4 | 1097.0 | 1113.2 |
| 7.5°   | 946.8  | 955.1  | 967.1  | 981.5  | 997.4  | 1011.5 | 1025.9 | 1041.8 | 1058.5 | 1080.0 | 1102.6 |
| 10°    | 908.9  | 918.1  | 932.6  | 950.9  | 967.7  | 984.4  | 1002.1 | 1019.4 | 1040.4 | 1065.7 | 1094.9 |
| 12.5°  | 875.7  | 884.4  | 899.4  | 919.4  | 935.3  | 953.7  | 974.1  | 996.6  | 1020.2 | 1050.7 | 1083.6 |
| 15°    | 829.7  | 839.9  | 858.2  | 867.9  | 892.2  | 914.3  | 933.1  | 965.5  | 995.7  | 1026.9 | 1065.2 |
| 17.5°  | 791.9  | 797.6  | 812.5  | 830.5  | 848.6  | 873.4  | 898.1  | 925.0  | 955.1  | 993.4  | 1041.2 |
| 20°    | 766.0  | 770.9  | 787.0  | 805.9  | 825.3  | 848.0  | 870.1  | 897.0  | 931.0  | 971.4  | 1023.2 |
| 22.5°  | 746.6  | 751.9  | 762.5  | 782.6  | 800.7  | 819.5  | 841.6  | 873.7  | 909.8  | 949.4  | 1005.5 |
| 25°    | 718.6  | 721.8  | 728.8  | 745.0  | 761.2  | 782.2  | 801.6  | 831.8  | 869.0  | 915.4  | 971.4  |
| 27.5°  | 692.0  | 695.1  | 700.9  | 712.6  | 727.6  | 744.7  | 765.8  | 791.5  | 829.2  | 879.6  | 939.1  |
| 30°    | 676.0  | 676.5  | 681.9  | 692.7  | 705.7  | 719.7  | 739.1  | 768.2  | 803.7  | 855.0  | 917.5  |
| 32.5°  | 662.2  | 660.1  | 663.8  | 672.0  | 684.5  | 698.5  | 714.5  | 743.1  | 777.4  | 827.8  | 892.1  |
| 35°    | 638.8  | 637.7  | 636.1  | 643.1  | 653.9  | 664.6  | 678.7  | 700.3  | 739.1  | 786.0  | 853.3  |
| 37.5°  | 615.0  | 612.4  | 609.5  | 612.7  | 621.2  | 632.3  | 644.5  | 663.7  | 697.1  | 748.8  | 813.3  |
| 40°    | 597.3  | 595.2  | 593.5  | 592.5  | 600.0  | 610.8  | 620.0  | 638.3  | 669.6  | 718.6  | 782.2  |
| 42.5°  | 577.9  | 576.6  | 574.6  | 573.1  | 579.3  | 587.5  | 597.1  | 613.2  | 644.5  | 690.5  | 750.8  |
| 45°    | 546.6  | 545.6  | 544.5  | 543.4  | 547.2  | 554.7  | 562.3  | 574.1  | 601.0  | 645.8  | 700.3  |
| 47.5°  | 511.8  | 510.4  | 510.8  | 509.1  | 512.8  | 517.8  | 523.1  | 535.8  | 561.7  | 597.9  | 637.6  |
| 50°    | 486.8  | 486.2  | 486.2  | 486.2  | 487.4  | 493.2  | 498.1  | 507.8  | 531.6  | 567.7  | 596.2  |
| 52.5°  | 463.0  | 460.8  | 460.8  | 461.7  | 463.6  | 467.4  | 470.5  | 481.1  | 501.8  | 531.4  | 557.4  |
| 55°    | 425.9  | 421.5  | 420.5  | 421.5  | 423.2  | 426.4  | 429.7  | 438.2  | 456.1  | 478.2  | 493.2  |
| 57.5°  | 384.7  | 382.3  | 380.9  | 381.1  | 382.0  | 384.6  | 387.1  | 396.4  | 410.4  | 422.0  | 431.7  |
| 60°    | 355.8  | 356.9  | 352.0  | 353.1  | 353.1  | 355.2  | 359.0  | 365.0  | 376.8  | 384.9  | 394.6  |
| 62.5°  | 328.6  | 327.1  | 325.7  | 324.2  | 324.2  | 325.0  | 330.1  | 334.8  | 344.9  | 349.1  | 356.6  |
| 65°    | 286.2  | 286.2  | 283.0  | 284.1  | 284.6  | 280.8  | 283.5  | 288.9  | 295.4  | 297.1  | 304.0  |
| 67.5°  | 243.4  | 241.9  | 240.0  | 238.4  | 238.4  | 238.1  | 239.5  | 242.2  | 247.0  | 247.6  | 252.9  |
| 70°    | 214.0  | 212.9  | 212.4  | 210.8  | 208.7  | 211.4  | 209.7  | 212.4  | 215.1  | 215.6  | 218.9  |
| 72.5°  | 185.5  | 184.5  | 183.5  | 181.9  | 181.0  | 180.7  | 180.8  | 183.9  | 185.8  | 185.0  | 188.7  |
| 75°    | 145.0  | 143.9  | 142.8  | 140.1  | 140.1  | 138.6  | 139.1  | 141.2  | 143.4  | 141.8  | 145.0  |
| 77.5°  | 106.5  | 103.1  | 103.0  | 103.7  | 101.9  | 102.2  | 101.6  | 101.2  | 102.2  | 102.3  | 105.2  |
| 80°    | 81.9   | 78.2   | 79.2   | 78.7   | 78.2   | 77.6   | 76.5   | 77.1   | 77.6   | 78.2   | 79.8   |
| 82.5°  | 59.1   | 58.8   | 57.7   | 57.6   | 57.0   | 55.6   | 55.0   | 55.9   | 56.5   | 56.2   | 57.4   |
| 85°    | 30.2   | 28.6   | 29.6   | 29.1   | 29.6   | 29.1   | 27.5   | 27.5   | 28.6   | 28.0   | 29.1   |
| 87.5°  | 10.9   | 10.8   | 10.1   | 10.4   | 9.7    | 10.0   | 9.3    | 9.6    | 9.9    | 9.7    | 10.5   |
| 90°    | 9.0    | 8.6    | 7.6    | 6.6    | 5.5    | 4.4    | 3.6    | 2.8    | 2.0    | 1.2    | 0.4    |
| 92.5°  | 14.0   | 13.8   | 13.2   | 12.6   | 12.0   | 11.4   | 10.9   | 10.3   | 9.7    | 9.3    | 8.7    |
| 95°    | 26.9   | 26.5   | 25.9   | 25.3   | 24.6   | 24.0   | 23.4   | 22.9   | 22.3   | 21.7   | 21.2   |
| 97.5°  | 41.9   | 41.6   | 41.1   | 40.6   | 40.2   | 39.7   | 39.3   | 38.9   | 38.4   | 38.0   | 37.6   |
| 100°   | 53.0   | 52.8   | 52.4   | 52.0   | 51.6   | 51.2   | 50.7   | 50.2   | 49.7   | 49.3   | 48.8   |
| 102.5° | 65.7   | 65.4   | 64.9   | 64.3   | 63.8   | 63.3   | 62.9   | 62.6   | 62.3   | 62.0   | 61.7   |
| 105°   | 84.7   | 84.7   | 84.0   | 83.3   | 82.5   | 81.8   | 81.4   | 81.3   | 81.1   | 81.0   | 80.8   |
| 107.5° | 104.9  | 104.6  | 104.3  | 104.0  | 103.8  | 103.5  | 103.3  | 103.1  | 103.1  | 103.0  | 102.9  |
| 110°   | 118.4  | 118.1  | 118.0  | 117.8  | 117.6  | 117.5  | 117.3  | 117.2  | 117.0  | 116.8  | 116.7  |



TEST NUMBER: P332181-927

CATALOG NUMBER: S123DIW-S1000D460U927-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  | 250°  | 255°  | 260°  | 265°  | 270°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 132.0 | 131.6 | 131.6 | 131.6 | 131.5 | 131.5 | 131.4 | 131.3 | 131.3 | 131.1 | 131.0 |
| 115°   | 153.0 | 153.0 | 153.1 | 153.3 | 153.4 | 153.6 | 153.5 | 153.3 | 153.0 | 152.8 | 152.6 |
| 117.5° | 174.0 | 174.0 | 174.3 | 174.4 | 174.7 | 174.8 | 174.9 | 174.8 | 174.6 | 174.4 | 174.3 |
| 120°   | 188.1 | 188.1 | 188.5 | 188.9 | 189.3 | 189.7 | 189.6 | 189.2 | 188.7 | 188.2 | 187.7 |
| 122.5° | 202.2 | 202.5 | 202.7 | 202.9 | 203.1 | 203.3 | 203.2 | 202.9 | 202.6 | 202.2 | 201.8 |
| 125°   | 223.3 | 223.6 | 223.8 | 223.9 | 224.1 | 224.3 | 224.3 | 224.0 | 223.8 | 223.6 | 223.3 |
| 127.5° | 244.2 | 244.6 | 244.8 | 244.9 | 245.2 | 245.3 | 245.2 | 244.6 | 244.2 | 243.6 | 243.1 |
| 130°   | 257.8 | 258.1 | 258.3 | 258.6 | 258.8 | 259.0 | 258.9 | 258.3 | 257.6 | 257.0 | 256.4 |
| 132.5° | 271.2 | 271.6 | 271.8 | 272.0 | 272.1 | 272.4 | 272.1 | 271.5 | 270.8 | 270.1 | 269.5 |
| 135°   | 291.2 | 291.5 | 291.6 | 291.7 | 291.8 | 291.8 | 291.6 | 291.1 | 290.7 | 290.2 | 289.7 |
| 137.5° | 310.8 | 311.1 | 310.9 | 310.7 | 310.5 | 310.3 | 310.0 | 309.6 | 309.2 | 308.8 | 308.4 |
| 140°   | 323.4 | 323.4 | 323.4 | 323.3 | 323.2 | 323.1 | 322.9 | 322.5 | 322.1 | 321.7 | 321.3 |
| 142.5° | 335.4 | 335.5 | 335.4 | 335.3 | 335.1 | 334.9 | 334.7 | 334.3 | 333.9 | 333.5 | 333.1 |
| 145°   | 353.2 | 353.2 | 353.0 | 352.8 | 352.5 | 352.3 | 352.1 | 352.0 | 351.8 | 351.6 | 351.5 |
| 147.5° | 369.9 | 369.9 | 369.6 | 369.4 | 369.2 | 368.9 | 368.7 | 368.4 | 368.1 | 367.8 | 367.6 |
| 150°   | 380.2 | 380.2 | 380.0 | 379.9 | 379.7 | 379.5 | 379.4 | 379.2 | 379.1 | 378.9 | 378.7 |
| 152.5° | 389.5 | 389.4 | 389.3 | 389.2 | 389.0 | 389.0 | 388.8 | 388.6 | 388.4 | 388.2 | 387.9 |
| 155°   | 403.1 | 402.8 | 402.7 | 402.7 | 402.6 | 402.5 | 402.4 | 402.4 | 402.4 | 402.4 | 402.4 |
| 157.5° | 414.9 | 414.6 | 414.5 | 414.5 | 414.5 | 414.4 | 414.4 | 414.5 | 414.6 | 414.7 | 414.8 |
| 160°   | 422.2 | 421.8 | 421.8 | 421.8 | 421.8 | 421.8 | 421.9 | 422.1 | 422.2 | 422.4 | 422.6 |
| 162.5° | 429.1 | 428.7 | 428.6 | 428.6 | 428.5 | 428.5 | 428.6 | 428.7 | 429.0 | 429.2 | 429.4 |
| 165°   | 437.8 | 437.3 | 437.3 | 437.3 | 437.3 | 437.3 | 437.4 | 437.6 | 437.8 | 438.1 | 438.3 |
| 167.5° | 444.8 | 444.3 | 444.3 | 444.2 | 444.1 | 444.0 | 444.2 | 444.5 | 444.8 | 445.1 | 445.4 |
| 170°   | 448.6 | 448.1 | 448.1 | 448.1 | 448.1 | 448.1 | 448.2 | 448.5 | 448.9 | 449.2 | 449.5 |
| 172.5° | 451.7 | 451.1 | 451.1 | 451.1 | 451.1 | 451.1 | 451.3 | 451.7 | 452.0 | 452.3 | 452.7 |
| 175°   | 455.0 | 454.5 | 454.5 | 454.5 | 454.5 | 454.5 | 454.6 | 455.0 | 455.3 | 455.6 | 455.9 |
| 177.5° | 456.5 | 456.1 | 456.1 | 456.1 | 456.1 | 456.1 | 456.3 | 456.5 | 456.8 | 457.0 | 457.3 |
| 180°   | 457.0 | 457.0 | 457.0 | 457.0 | 457.0 | 457.0 | 457.0 | 457.0 | 457.0 | 457.0 | 457.0 |



TEST NUMBER: P332181-927

CATALOG NUMBER: S123DIW-S1000D460U927-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 275°   | 280°   | 285°   | 290°   | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1112.6 | 1112.6 | 1112.6 | 1112.6 | 1112.6 | 1112.6 | 1112.6 | 1112.6 | 1112.6 | 1112.6 | 1112.6 |
| 2.5°   | 1119.5 | 1121.7 | 1129.0 | 1134.2 | 1140.3 | 1143.7 | 1147.2 | 1149.8 | 1153.2 | 1154.1 | 1166.6 |
| 5°     | 1124.5 | 1135.3 | 1154.1 | 1168.2 | 1185.4 | 1204.3 | 1217.2 | 1223.1 | 1238.8 | 1251.7 | 1277.6 |
| 7.5°   | 1123.1 | 1146.1 | 1174.6 | 1204.0 | 1235.8 | 1265.1 | 1290.5 | 1320.7 | 1342.2 | 1374.4 | 1406.2 |
| 10°    | 1121.8 | 1152.5 | 1189.2 | 1226.9 | 1271.1 | 1312.1 | 1348.8 | 1389.7 | 1423.7 | 1468.5 | 1506.7 |
| 12.5°  | 1117.9 | 1155.2 | 1206.0 | 1250.6 | 1304.3 | 1360.8 | 1415.2 | 1467.8 | 1497.9 | 1572.4 | 1607.7 |
| 15°    | 1108.3 | 1152.5 | 1216.2 | 1284.0 | 1358.0 | 1424.7 | 1493.7 | 1548.8 | 1637.7 | 1703.0 | 1744.5 |
| 17.5°  | 1090.0 | 1151.9 | 1227.3 | 1309.3 | 1399.1 | 1487.2 | 1565.4 | 1648.8 | 1743.1 | 1822.1 | 1906.1 |
| 20°    | 1081.4 | 1149.3 | 1233.4 | 1324.0 | 1417.2 | 1516.9 | 1605.9 | 1706.2 | 1809.1 | 1886.7 | 1994.6 |
| 22.5°  | 1065.4 | 1142.4 | 1233.0 | 1333.9 | 1433.6 | 1536.8 | 1640.8 | 1741.9 | 1860.9 | 1967.9 | 2070.4 |
| 25°    | 1039.3 | 1125.6 | 1219.4 | 1332.1 | 1449.1 | 1552.5 | 1677.0 | 1811.3 | 1935.3 | 2072.7 | 2175.2 |
| 27.5°  | 1011.9 | 1104.0 | 1198.0 | 1302.8 | 1428.6 | 1551.5 | 1708.1 | 1859.8 | 2011.4 | 2130.1 | 2205.9 |
| 30°    | 990.8  | 1080.3 | 1177.3 | 1283.0 | 1407.5 | 1553.6 | 1728.8 | 1894.3 | 2042.0 | 2143.9 | 2186.5 |
| 32.5°  | 968.0  | 1058.8 | 1144.5 | 1255.4 | 1388.1 | 1552.3 | 1741.8 | 1914.5 | 2043.8 | 2111.6 | 2103.2 |
| 35°    | 932.1  | 1008.1 | 1091.6 | 1198.3 | 1354.7 | 1542.9 | 1749.3 | 1916.4 | 1995.7 | 1981.1 | 1871.1 |
| 37.5°  | 880.3  | 944.2  | 1026.5 | 1143.4 | 1315.9 | 1522.9 | 1734.2 | 1859.6 | 1854.4 | 1735.9 | 1576.6 |
| 40°    | 848.0  | 902.4  | 981.7  | 1104.5 | 1285.7 | 1510.0 | 1710.5 | 1791.9 | 1722.9 | 1557.4 | 1366.5 |
| 42.5°  | 805.7  | 855.8  | 935.1  | 1061.4 | 1252.5 | 1483.6 | 1665.2 | 1688.8 | 1553.8 | 1363.3 | 1188.4 |
| 45°    | 740.1  | 784.3  | 866.3  | 996.7  | 1202.7 | 1426.4 | 1554.7 | 1497.0 | 1315.3 | 1118.6 | 985.4  |
| 47.5°  | 669.7  | 715.7  | 794.5  | 928.5  | 1130.7 | 1340.2 | 1401.4 | 1278.7 | 1092.2 | 932.6  | 810.3  |
| 50°    | 625.3  | 669.6  | 746.6  | 881.9  | 1081.9 | 1269.6 | 1294.8 | 1136.4 | 965.0  | 824.8  | 724.5  |
| 52.5°  | 580.5  | 622.1  | 697.9  | 833.6  | 1025.0 | 1187.6 | 1172.0 | 1010.4 | 852.8  | 733.3  | 654.7  |
| 55°    | 513.7  | 553.1  | 625.3  | 752.6  | 926.7  | 1055.5 | 998.9  | 844.7  | 714.3  | 621.5  | 561.7  |
| 57.5°  | 454.0  | 491.7  | 554.1  | 669.0  | 820.4  | 908.9  | 836.9  | 706.9  | 603.2  | 531.9  | 487.2  |
| 60°    | 413.4  | 446.9  | 506.2  | 612.9  | 744.5  | 811.8  | 740.7  | 625.9  | 538.5  | 481.4  | 441.5  |
| 62.5°  | 375.1  | 404.2  | 459.1  | 556.0  | 670.3  | 726.9  | 654.9  | 557.7  | 483.3  | 432.7  | 398.8  |
| 65°    | 317.0  | 343.4  | 391.9  | 467.4  | 561.2  | 598.9  | 536.9  | 458.2  | 400.5  | 362.8  | 340.2  |
| 67.5°  | 264.0  | 286.4  | 328.3  | 387.7  | 456.7  | 484.2  | 437.0  | 376.0  | 332.6  | 302.3  | 284.3  |
| 70°    | 228.5  | 248.0  | 280.8  | 332.1  | 394.6  | 415.7  | 371.5  | 321.3  | 289.5  | 265.2  | 248.5  |
| 72.5°  | 198.8  | 213.0  | 242.9  | 282.5  | 334.6  | 351.3  | 320.5  | 276.5  | 246.8  | 228.5  | 215.3  |
| 75°    | 151.5  | 163.3  | 182.8  | 214.5  | 250.6  | 260.4  | 237.2  | 209.7  | 189.7  | 176.8  | 166.6  |
| 77.5°  | 109.2  | 118.0  | 132.0  | 151.6  | 176.6  | 185.4  | 170.6  | 152.3  | 137.8  | 129.0  | 123.3  |
| 80°    | 82.5   | 89.5   | 101.3  | 117.5  | 132.6  | 137.4  | 128.8  | 114.8  | 104.6  | 99.7   | 94.9   |
| 82.5°  | 60.9   | 64.9   | 72.0   | 83.0   | 93.4   | 99.1   | 91.7   | 83.3   | 77.9   | 73.4   | 71.6   |
| 85°    | 30.7   | 32.9   | 36.1   | 40.4   | 46.9   | 49.0   | 46.3   | 44.2   | 41.0   | 38.3   | 38.3   |
| 87.5°  | 11.4   | 11.6   | 13.1   | 14.1   | 16.0   | 17.5   | 17.3   | 16.6   | 16.4   | 16.0   | 15.7   |
| 90°    | 1.2    | 2.0    | 2.8    | 3.6    | 4.4    | 5.5    | 6.6    | 7.6    | 8.6    | 9.0    | 9.3    |
| 92.5°  | 9.3    | 9.7    | 10.3   | 10.9   | 11.4   | 12.0   | 12.6   | 13.2   | 13.8   | 14.0   | 14.3   |
| 95°    | 21.7   | 22.3   | 22.9   | 23.4   | 24.0   | 24.6   | 25.3   | 25.9   | 26.5   | 26.9   | 27.2   |
| 97.5°  | 38.0   | 38.4   | 38.9   | 39.3   | 39.7   | 40.2   | 40.6   | 41.1   | 41.6   | 41.9   | 42.3   |
| 100°   | 49.3   | 49.7   | 50.2   | 50.7   | 51.2   | 51.6   | 52.0   | 52.4   | 52.8   | 53.0   | 53.2   |
| 102.5° | 62.0   | 62.3   | 62.6   | 62.9   | 63.3   | 63.8   | 64.3   | 64.9   | 65.4   | 65.7   | 65.9   |
| 105°   | 81.0   | 81.1   | 81.3   | 81.4   | 81.8   | 82.5   | 83.3   | 84.0   | 84.7   | 84.7   | 84.7   |
| 107.5° | 103.0  | 103.1  | 103.1  | 103.3  | 103.5  | 103.8  | 104.0  | 104.3  | 104.6  | 104.9  | 105.1  |
| 110°   | 116.8  | 117.0  | 117.2  | 117.3  | 117.5  | 117.6  | 117.8  | 118.0  | 118.1  | 118.4  | 118.7  |





TEST NUMBER: P332181-927

CATALOG NUMBER: S123DIW-S1000D460U927-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 275°  | 280°  | 285°  | 290°  | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 131.1 | 131.3 | 131.3 | 131.4 | 131.5 | 131.5 | 131.6 | 131.6 | 131.6 | 132.0 | 132.4 |
| 115°   | 152.8 | 153.0 | 153.3 | 153.5 | 153.6 | 153.4 | 153.3 | 153.1 | 153.0 | 153.0 | 153.1 |
| 117.5° | 174.4 | 174.6 | 174.8 | 174.9 | 174.8 | 174.7 | 174.4 | 174.3 | 174.0 | 174.0 | 174.0 |
| 120°   | 188.2 | 188.7 | 189.2 | 189.6 | 189.7 | 189.3 | 188.9 | 188.5 | 188.1 | 188.1 | 188.0 |
| 122.5° | 202.2 | 202.6 | 202.9 | 203.2 | 203.3 | 203.1 | 202.9 | 202.7 | 202.5 | 202.2 | 202.1 |
| 125°   | 223.6 | 223.8 | 224.0 | 224.3 | 224.3 | 224.1 | 223.9 | 223.8 | 223.6 | 223.3 | 223.0 |
| 127.5° | 243.6 | 244.2 | 244.6 | 245.2 | 245.3 | 245.2 | 244.9 | 244.8 | 244.6 | 244.2 | 243.8 |
| 130°   | 257.0 | 257.6 | 258.3 | 258.9 | 259.0 | 258.8 | 258.6 | 258.3 | 258.1 | 257.8 | 257.5 |
| 132.5° | 270.1 | 270.8 | 271.5 | 272.1 | 272.4 | 272.1 | 272.0 | 271.8 | 271.6 | 271.2 | 270.8 |
| 135°   | 290.2 | 290.7 | 291.1 | 291.6 | 291.8 | 291.8 | 291.7 | 291.6 | 291.5 | 291.2 | 290.9 |
| 137.5° | 308.8 | 309.2 | 309.6 | 310.0 | 310.3 | 310.5 | 310.7 | 310.9 | 311.1 | 310.8 | 310.5 |
| 140°   | 321.7 | 322.1 | 322.5 | 322.9 | 323.1 | 323.2 | 323.3 | 323.4 | 323.4 | 323.4 | 323.3 |
| 142.5° | 333.5 | 333.9 | 334.3 | 334.7 | 334.9 | 335.1 | 335.3 | 335.4 | 335.5 | 335.4 | 335.3 |
| 145°   | 351.6 | 351.8 | 352.0 | 352.1 | 352.3 | 352.5 | 352.8 | 353.0 | 353.2 | 353.2 | 353.1 |
| 147.5° | 367.8 | 368.1 | 368.4 | 368.7 | 368.9 | 369.2 | 369.4 | 369.6 | 369.9 | 369.9 | 369.9 |
| 150°   | 378.9 | 379.1 | 379.2 | 379.4 | 379.5 | 379.7 | 379.9 | 380.0 | 380.2 | 380.2 | 380.2 |
| 152.5° | 388.2 | 388.4 | 388.6 | 388.8 | 389.0 | 389.0 | 389.2 | 389.3 | 389.4 | 389.5 | 389.6 |
| 155°   | 402.4 | 402.4 | 402.4 | 402.4 | 402.5 | 402.6 | 402.7 | 402.7 | 402.8 | 403.1 | 403.5 |
| 157.5° | 414.7 | 414.6 | 414.5 | 414.4 | 414.4 | 414.5 | 414.5 | 414.5 | 414.6 | 414.9 | 415.3 |
| 160°   | 422.4 | 422.2 | 422.1 | 421.9 | 421.8 | 421.8 | 421.8 | 421.8 | 421.8 | 422.2 | 422.6 |
| 162.5° | 429.2 | 429.0 | 428.7 | 428.6 | 428.5 | 428.5 | 428.6 | 428.6 | 428.7 | 429.1 | 429.5 |
| 165°   | 438.1 | 437.8 | 437.6 | 437.4 | 437.3 | 437.3 | 437.3 | 437.3 | 437.3 | 437.8 | 438.2 |
| 167.5° | 445.1 | 444.8 | 444.5 | 444.2 | 444.0 | 444.1 | 444.2 | 444.3 | 444.3 | 444.8 | 445.3 |
| 170°   | 449.2 | 448.9 | 448.5 | 448.2 | 448.1 | 448.1 | 448.1 | 448.1 | 448.1 | 448.6 | 449.2 |
| 172.5° | 452.3 | 452.0 | 451.7 | 451.3 | 451.1 | 451.1 | 451.1 | 451.1 | 451.1 | 451.7 | 452.2 |
| 175°   | 455.6 | 455.3 | 455.0 | 454.6 | 454.5 | 454.5 | 454.5 | 454.5 | 454.5 | 455.0 | 455.4 |
| 177.5° | 457.0 | 456.8 | 456.5 | 456.3 | 456.1 | 456.1 | 456.1 | 456.1 | 456.1 | 456.5 | 456.9 |
| 180°   | 457.0 | 457.0 | 457.0 | 457.0 | 457.0 | 457.0 | 457.0 | 457.0 | 457.0 | 457.0 | 457.0 |



TEST NUMBER: P332181-927

CATALOG NUMBER: S123DIW-S1000D460U927-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1112.6 | 1112.6 | 1112.6 | 1112.6 | 1112.6 | 1112.6 | 1112.6 |
| 2.5°   | 1170.8 | 1171.3 | 1176.1 | 1179.5 | 1177.7 | 1180.0 | 1180.7 |
| 5°     | 1279.2 | 1298.6 | 1308.8 | 1316.4 | 1316.9 | 1317.5 | 1321.8 |
| 7.5°   | 1432.8 | 1453.7 | 1468.9 | 1491.9 | 1498.8 | 1506.7 | 1504.4 |
| 10°    | 1545.0 | 1575.7 | 1602.1 | 1616.1 | 1631.3 | 1653.4 | 1635.5 |
| 12.5°  | 1649.8 | 1704.2 | 1744.5 | 1766.2 | 1780.4 | 1784.9 | 1776.2 |
| 15°    | 1822.6 | 1893.8 | 1932.1 | 1930.9 | 1979.5 | 2000.5 | 1967.6 |
| 17.5°  | 1981.1 | 2046.8 | 2099.4 | 2126.3 | 2166.8 | 2175.7 | 2171.6 |
| 20°    | 2078.1 | 2149.8 | 2190.8 | 2237.1 | 2258.2 | 2277.0 | 2280.3 |
| 22.5°  | 2161.8 | 2226.2 | 2270.2 | 2308.7 | 2326.3 | 2335.3 | 2340.7 |
| 25°    | 2247.9 | 2298.6 | 2325.1 | 2338.5 | 2343.4 | 2342.2 | 2335.3 |
| 27.5°  | 2242.0 | 2245.9 | 2216.8 | 2188.2 | 2162.7 | 2133.9 | 2123.9 |
| 30°    | 2183.8 | 2138.5 | 2057.6 | 2011.8 | 1944.4 | 1891.1 | 1912.6 |
| 32.5°  | 2030.7 | 1940.5 | 1849.7 | 1749.6 | 1666.7 | 1643.1 | 1619.4 |
| 35°    | 1733.1 | 1574.6 | 1481.9 | 1374.1 | 1330.9 | 1287.9 | 1258.2 |
| 37.5°  | 1402.2 | 1279.5 | 1169.6 | 1099.1 | 1055.8 | 1028.6 | 1013.9 |
| 40°    | 1212.4 | 1101.8 | 1011.3 | 954.2  | 921.3  | 890.6  | 886.2  |
| 42.5°  | 1061.0 | 958.2  | 890.1  | 844.6  | 813.0  | 799.9  | 790.5  |
| 45°    | 869.0  | 797.3  | 751.5  | 719.1  | 698.1  | 690.0  | 679.2  |
| 47.5°  | 735.5  | 684.8  | 650.5  | 628.4  | 612.6  | 606.6  | 605.7  |
| 50°    | 660.9  | 618.9  | 593.5  | 576.2  | 563.9  | 561.7  | 553.1  |
| 52.5°  | 604.8  | 568.4  | 548.7  | 533.6  | 524.7  | 518.6  | 516.0  |
| 55°    | 525.1  | 500.8  | 483.0  | 474.4  | 467.4  | 461.4  | 461.4  |
| 57.5°  | 459.4  | 439.1  | 427.4  | 420.0  | 417.9  | 413.7  | 411.0  |
| 60°    | 418.8  | 401.6  | 392.4  | 386.0  | 381.7  | 382.2  | 377.3  |
| 62.5°  | 379.2  | 368.0  | 359.3  | 352.8  | 347.6  | 347.7  | 348.0  |
| 65°    | 322.9  | 314.3  | 307.8  | 305.6  | 302.5  | 298.7  | 299.8  |
| 67.5°  | 273.6  | 265.5  | 260.5  | 256.8  | 255.7  | 253.7  | 256.8  |
| 70°    | 238.3  | 232.3  | 228.5  | 225.3  | 224.3  | 224.8  | 227.5  |
| 72.5°  | 205.9  | 201.7  | 199.2  | 197.7  | 195.4  | 195.4  | 197.3  |
| 75°    | 161.7  | 158.5  | 156.3  | 154.7  | 154.2  | 154.2  | 154.2  |
| 77.5°  | 118.8  | 118.0  | 117.1  | 114.7  | 114.8  | 115.5  | 115.6  |
| 80°    | 93.8   | 92.2   | 91.7   | 90.5   | 89.0   | 87.9   | 90.5   |
| 82.5°  | 70.1   | 68.4   | 67.9   | 67.7   | 65.2   | 65.0   | 67.3   |
| 85°    | 37.7   | 36.1   | 36.7   | 36.1   | 36.1   | 35.6   | 35.6   |
| 87.5°  | 15.3   | 14.9   | 14.5   | 15.0   | 14.6   | 14.2   | 15.1   |
| 90°    | 9.6    | 9.9    | 10.1   | 10.3   | 10.5   | 10.6   | 10.8   |
| 92.5°  | 14.6   | 14.8   | 14.9   | 14.8   | 14.7   | 14.6   | 14.5   |
| 95°    | 27.5   | 27.8   | 28.0   | 28.0   | 28.0   | 28.0   | 28.0   |
| 97.5°  | 42.7   | 43.0   | 43.2   | 43.2   | 43.2   | 43.1   | 43.1   |
| 100°   | 53.5   | 53.7   | 53.9   | 54.1   | 54.3   | 54.4   | 54.6   |
| 102.5° | 66.1   | 66.4   | 66.5   | 66.5   | 66.4   | 66.4   | 66.3   |
| 105°   | 84.7   | 84.7   | 84.8   | 85.0   | 85.2   | 85.3   | 85.5   |
| 107.5° | 105.4  | 105.6  | 105.7  | 105.6  | 105.5  | 105.4  | 105.4  |
| 110°   | 119.1  | 119.4  | 119.5  | 119.3  | 119.1  | 119.0  | 118.8  |



TEST NUMBER: P332181-927

CATALOG NUMBER: S123DIW-S1000D460U927-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 330°  | 335°  | 340°  | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 132.8 | 133.2 | 133.3 | 133.2 | 133.2 | 133.2 | 133.2 |
| 115°   | 153.2 | 153.3 | 153.3 | 153.2 | 153.1 | 153.0 | 153.0 |
| 117.5° | 174.0 | 174.0 | 173.9 | 173.6 | 173.4 | 173.2 | 172.9 |
| 120°   | 187.9 | 187.8 | 187.7 | 187.5 | 187.4 | 187.2 | 187.0 |
| 122.5° | 201.8 | 201.6 | 201.5 | 201.2 | 201.0 | 200.7 | 200.5 |
| 125°   | 222.7 | 222.4 | 222.0 | 221.7 | 221.4 | 221.1 | 220.8 |
| 127.5° | 243.3 | 242.8 | 242.4 | 242.1 | 241.7 | 241.3 | 241.0 |
| 130°   | 257.1 | 256.8 | 256.4 | 255.9 | 255.3 | 254.8 | 254.1 |
| 132.5° | 270.5 | 270.1 | 269.7 | 269.3 | 268.8 | 268.4 | 267.9 |
| 135°   | 290.6 | 290.3 | 290.0 | 289.9 | 289.7 | 289.5 | 289.4 |
| 137.5° | 310.1 | 309.7 | 309.4 | 309.1 | 308.9 | 308.6 | 308.2 |
| 140°   | 323.2 | 323.1 | 322.8 | 322.3 | 321.7 | 321.2 | 320.6 |
| 142.5° | 335.3 | 335.2 | 334.9 | 334.5 | 334.1 | 333.7 | 333.2 |
| 145°   | 353.0 | 352.9 | 352.8 | 352.4 | 352.1 | 351.8 | 351.5 |
| 147.5° | 369.9 | 369.9 | 369.6 | 369.2 | 368.6 | 368.1 | 367.7 |
| 150°   | 380.2 | 380.2 | 379.9 | 379.5 | 379.0 | 378.5 | 378.0 |
| 152.5° | 389.8 | 389.9 | 389.8 | 389.4 | 388.9 | 388.5 | 388.1 |
| 155°   | 403.8 | 404.1 | 403.9 | 403.4 | 402.8 | 402.3 | 401.7 |
| 157.5° | 415.7 | 416.0 | 415.9 | 415.5 | 415.0 | 414.5 | 414.2 |
| 160°   | 423.0 | 423.4 | 423.4 | 423.1 | 422.8 | 422.5 | 422.2 |
| 162.5° | 429.9 | 430.3 | 430.2 | 429.8 | 429.2 | 428.7 | 428.2 |
| 165°   | 438.7 | 439.2 | 439.1 | 438.6 | 438.0 | 437.4 | 436.9 |
| 167.5° | 445.8 | 446.2 | 446.2 | 445.8 | 445.3 | 444.8 | 444.3 |
| 170°   | 449.7 | 450.3 | 450.3 | 449.7 | 449.2 | 448.6 | 448.1 |
| 172.5° | 452.7 | 453.1 | 453.1 | 452.6 | 452.0 | 451.5 | 450.9 |
| 175°   | 455.9 | 456.4 | 456.4 | 455.8 | 455.3 | 454.7 | 454.2 |
| 177.5° | 457.3 | 457.6 | 457.6 | 457.2 | 456.8 | 456.3 | 455.8 |
| 180°   | 457.0 | 457.0 | 457.0 | 457.0 | 457.0 | 457.0 | 457.0 |

(END OF REPORT)