

Scaled data based on original data using  
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions

Brand: NEO-RAY

Report Number: P1008642

Luminaire Tested: S122DIP-B1005D530UB30-4F0-XX-W2A-A4

Issue Date: 5/7/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P1008642  
REPORT IS A COMBINATION OF REPORTS P983664 AND P1007351  
Test Lab: INNOVATION CENTER  
Issue Date: 5/7/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: S122DIP-B1005D530UB30-4F0-XX-W2A-A4  
Description: Define 2 Direct/Indirect Pendant with 3000K BioUP LEDs {m-DER=0.589} {m-EER=0.647}  
Light Source: -  
Ballast/Driver: -

**Summary**

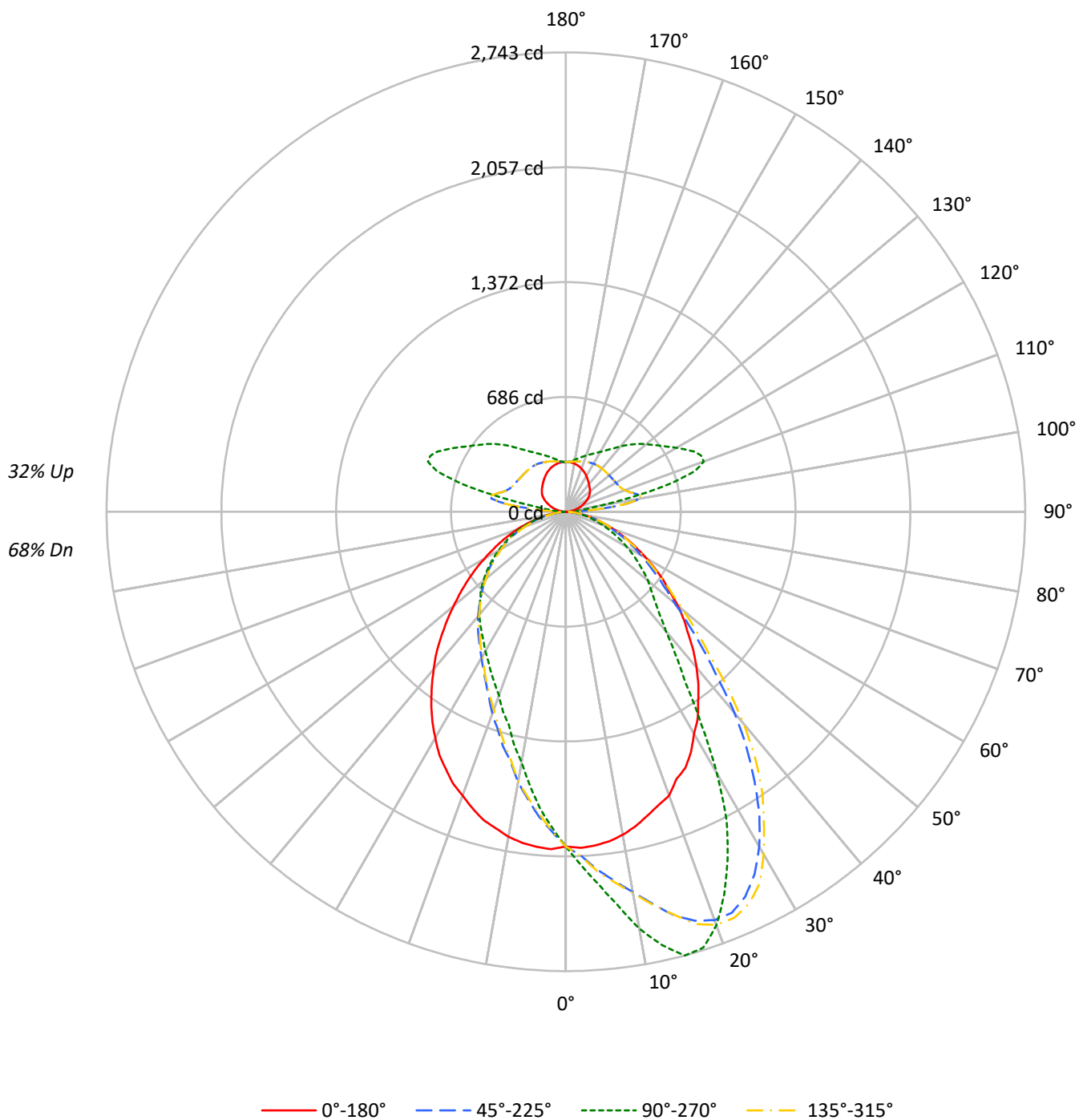
Lumens per Lamp: N/A  
Luminaire Lumens: 6480.0 lumens  
Efficiency: N/A  
Efficacy: 84.5 lumens/watt  
Spacing Criteria (0/90/45): 1.16 / 1.09 / 1.23  
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')  
CIE Type: Semi-Direct

Input Watts (W): 76.7  
Input Voltage (V):  
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: 24 FT

TEST NUMBER: P1008642

CATALOG NUMBER: S122DIP-B1005D530UB30-4F0-XX-W2A-A4

### Luminous Intensity Polar Plot



TEST NUMBER: P1008642

CATALOG NUMBER: S122DIP-B1005D530UB30-4F0-XX-W2A-A4

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

|     |     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|
| RF  | 20  |     |     |     | 20  |     |     |     |    | 20 |    |    |    |    | 20 |    |    |    |    | 20 |
| RC  | 80  |     |     |     | 70  |     |     |     |    | 50 |    |    |    |    | 30 |    |    |    |    | 0  |
| RW  | 70  | 50  | 30  | 10  | 70  | 50  | 30  | 10  | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 |
| RCR |     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |
| 0   | 111 | 111 | 111 | 111 | 105 | 105 | 105 | 105 | 93 | 93 | 93 | 83 | 83 | 83 | 73 | 73 | 73 | 65 | 65 | 65 |
| 1   | 102 | 98  | 95  | 91  | 97  | 93  | 90  | 87  | 83 | 80 | 78 | 74 | 72 | 70 | 65 | 64 | 63 | 59 | 58 | 57 |
| 2   | 94  | 87  | 81  | 76  | 88  | 82  | 77  | 72  | 74 | 69 | 66 | 66 | 62 | 60 | 58 | 56 | 54 | 50 | 49 | 48 |
| 3   | 86  | 77  | 70  | 64  | 81  | 73  | 66  | 61  | 65 | 60 | 56 | 59 | 55 | 51 | 52 | 49 | 47 | 43 | 42 | 41 |
| 4   | 79  | 69  | 61  | 55  | 75  | 65  | 58  | 53  | 59 | 53 | 49 | 53 | 48 | 45 | 47 | 44 | 41 | 38 | 37 | 36 |
| 5   | 73  | 61  | 53  | 47  | 69  | 59  | 51  | 46  | 53 | 47 | 42 | 48 | 43 | 39 | 43 | 39 | 36 | 33 | 32 | 31 |
| 6   | 68  | 56  | 47  | 42  | 64  | 53  | 46  | 40  | 48 | 42 | 37 | 43 | 39 | 35 | 39 | 35 | 32 | 30 | 29 | 28 |
| 7   | 63  | 50  | 43  | 37  | 59  | 48  | 41  | 36  | 44 | 38 | 33 | 40 | 35 | 31 | 36 | 32 | 29 | 26 | 25 | 24 |
| 8   | 58  | 46  | 38  | 33  | 55  | 44  | 37  | 32  | 40 | 34 | 30 | 37 | 32 | 28 | 33 | 29 | 26 | 24 | 23 | 22 |
| 9   | 55  | 42  | 35  | 30  | 52  | 41  | 34  | 29  | 37 | 31 | 27 | 34 | 29 | 25 | 31 | 27 | 24 | 22 | 21 | 20 |
| 10  | 51  | 39  | 32  | 27  | 48  | 37  | 31  | 26  | 34 | 29 | 25 | 31 | 27 | 23 | 29 | 25 | 22 | 20 | 19 | 18 |

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

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 31633 | 31633 | 31633 | 31633 |
| 5°  | 31709 | 33727 | 31831 | 26833 |
| 10° | 31340 | 36820 | 31537 | 22123 |
| 15° | 30581 | 38835 | 31006 | 18635 |
| 20° | 30103 | 36464 | 30103 | 16197 |
| 25° | 29144 | 31327 | 29277 | 14485 |
| 30° | 27566 | 24625 | 28092 | 13119 |
| 35° | 26167 | 17029 | 26605 | 12005 |
| 40° | 24560 | 12857 | 24839 | 11114 |
| 45° | 22576 | 10566 | 22945 | 10154 |
| 50° | 20865 | 9273  | 20900 | 9296  |
| 55° | 18908 | 7902  | 19033 | 8363  |
| 60° | 16826 | 6600  | 17060 | 7298  |
| 65° | 14963 | 5368  | 15236 | 6232  |
| 70° | 13105 | 4212  | 13438 | 5028  |
| 75° | 10998 | 3057  | 11429 | 3646  |
| 80° | 8583  | 1938  | 9197  | 2163  |
| 85° | 5636  | 976   | 6074  | 722   |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 157.5°

Vertical Angle: 45°

Luminance: 32700 cd/sqm

TEST NUMBER: P1008642

CATALOG NUMBER: S122DIP-B1005D530UB30-4F0-XX-W2A-A4

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 190.3  | 2.9       |
| 10°-20°   | 554.0  | 8.5       |
| 20°-30°   | 804.0  | 12.4      |
| 30°-40°   | 847.6  | 13.1      |
| 40°-50°   | 750.0  | 11.6      |
| 50°-60°   | 598.9  | 9.2       |
| 60°-70°   | 406.8  | 6.3       |
| 70°-80°   | 208.1  | 3.2       |
| 80°-90°   | 51.1   | 0.8       |
| 90°-100°  | 115.8  | 1.8       |
| 100°-110° | 407.9  | 6.3       |
| 110°-120° | 428.4  | 6.6       |
| 120°-130° | 352.4  | 5.4       |
| 130°-140° | 283.1  | 4.4       |
| 140°-150° | 213.9  | 3.3       |
| 150°-160° | 150.3  | 2.3       |
| 160°-170° | 88.5   | 1.4       |
| 170°-180° | 28.8   | 0.4       |
| 0°-30°    | 1548.4 | 23.9      |
| 0°-40°    | 2396.0 | 37.0      |
| 0°-60°    | 3744.9 | 57.8      |
| 0°-90°    | 4410.9 | 68.1      |
| 90°-120°  | 952.1  | 14.7      |
| 90°-150°  | 1801.5 | 27.8      |
| 90°-180°  | 2069.0 | 31.9      |
| 0°-180°   | 6480.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 1998 | 1998 | 1998 | 1998 | 1998 |      |
| 5°   | 2000 | 2232 | 2008 | 1776 | 2000 | 190  |
| 15°  | 1879 | 2743 | 1905 | 1316 | 1879 | 531  |
| 25°  | 1688 | 2286 | 1696 | 1057 | 1688 | 772  |
| 35°  | 1378 | 1244 | 1401 | 877  | 1378 | 862  |
| 45°  | 1034 | 750  | 1051 | 720  | 1034 | 802  |
| 55°  | 710  | 527  | 714  | 558  | 710  | 633  |
| 65°  | 421  | 324  | 429  | 376  | 421  | 418  |
| 75°  | 197  | 160  | 204  | 190  | 197  | 211  |
| 85°  | 40   | 42   | 43   | 31   | 40   | 47   |
| 90°  | 1    | 19   | 1    | 19   | 1    | 4    |
| 95°  | 20   | 65   | 20   | 65   | 20   | 21   |
| 105° | 70   | 644  | 70   | 644  | 70   | 74   |
| 115° | 123  | 847  | 123  | 847  | 123  | 122  |
| 125° | 171  | 687  | 171  | 687  | 171  | 152  |
| 135° | 201  | 570  | 201  | 570  | 201  | 155  |
| 145° | 230  | 455  | 230  | 455  | 230  | 144  |
| 155° | 261  | 382  | 261  | 382  | 261  | 120  |
| 165° | 284  | 335  | 284  | 335  | 284  | 80   |
| 175° | 296  | 302  | 296  | 302  | 296  | 28   |
| 180° | 297  | 297  | 297  | 297  | 297  |      |

TEST NUMBER: P1008642

CATALOG NUMBER: S122DIP-B1005D530UB30-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1998.4 | 1998.4 | 1998.4 | 1998.4 | 1998.4 | 1998.4 | 1998.4 | 1998.4 | 1998.4 | 1998.4 | 1998.4 |
| 2.5°   | 2009.1 | 2013.7 | 2021.4 | 2022.9 | 2038.3 | 2050.6 | 2064.4 | 2064.4 | 2069.0 | 2067.5 | 2055.2 |
| 5°     | 1999.9 | 2013.7 | 2033.7 | 2050.6 | 2078.2 | 2090.5 | 2109.0 | 2122.8 | 2135.1 | 2144.3 | 2142.8 |
| 7.5°   | 1984.5 | 2009.1 | 2038.3 | 2070.6 | 2107.4 | 2128.9 | 2155.0 | 2179.6 | 2196.5 | 2211.9 | 2222.6 |
| 10°    | 1958.4 | 1999.9 | 2039.8 | 2082.8 | 2130.5 | 2159.6 | 2190.4 | 2222.6 | 2248.7 | 2277.9 | 2305.6 |
| 12.5°  | 1923.1 | 1983.0 | 2032.2 | 2089.0 | 2147.4 | 2179.6 | 2228.8 | 2253.3 | 2304.0 | 2377.8 | 2397.7 |
| 15°    | 1878.6 | 1960.0 | 2006.0 | 2078.2 | 2155.0 | 2181.2 | 2248.7 | 2288.7 | 2393.1 | 2439.2 | 2494.5 |
| 17.5°  | 1837.1 | 1927.7 | 1989.1 | 2072.1 | 2147.4 | 2198.0 | 2264.1 | 2345.5 | 2433.1 | 2499.1 | 2560.5 |
| 20°    | 1803.3 | 1890.8 | 1964.6 | 2056.7 | 2152.0 | 2216.5 | 2285.6 | 2383.9 | 2479.1 | 2546.7 | 2594.3 |
| 22.5°  | 1726.5 | 1838.6 | 1924.6 | 2027.5 | 2142.8 | 2231.8 | 2297.9 | 2405.4 | 2508.3 | 2549.8 | 2591.3 |
| 25°    | 1688.1 | 1784.9 | 1884.7 | 2001.4 | 2136.6 | 2242.6 | 2299.4 | 2419.2 | 2509.9 | 2525.2 | 2534.4 |
| 27.5°  | 1617.4 | 1726.5 | 1843.2 | 1976.9 | 2135.1 | 2224.2 | 2296.4 | 2405.4 | 2477.6 | 2466.9 | 2439.2 |
| 30°    | 1529.9 | 1663.5 | 1792.5 | 1936.9 | 2113.6 | 2210.3 | 2277.9 | 2377.8 | 2414.6 | 2359.3 | 2310.2 |
| 32.5°  | 1465.4 | 1591.3 | 1734.2 | 1901.6 | 2089.0 | 2181.2 | 2247.2 | 2325.5 | 2333.2 | 2233.4 | 2150.4 |
| 35°    | 1377.8 | 1517.6 | 1678.9 | 1855.5 | 2047.5 | 2130.5 | 2191.9 | 2239.5 | 2202.7 | 2062.9 | 1964.6 |
| 37.5°  | 1299.5 | 1437.7 | 1609.8 | 1789.5 | 1990.7 | 2072.1 | 2121.2 | 2128.9 | 2038.3 | 1915.4 | 1771.0 |
| 40°    | 1213.5 | 1356.3 | 1536.0 | 1725.0 | 1927.7 | 1998.4 | 2029.1 | 2006.0 | 1875.5 | 1732.6 | 1565.2 |
| 42.5°  | 1127.4 | 1268.8 | 1462.3 | 1655.8 | 1847.8 | 1907.7 | 1920.0 | 1857.1 | 1697.3 | 1529.9 | 1336.3 |
| 45°    | 1033.7 | 1181.2 | 1374.7 | 1569.8 | 1755.7 | 1789.5 | 1791.0 | 1700.4 | 1511.4 | 1336.3 | 1156.6 |
| 47.5°  | 956.9  | 1093.6 | 1285.7 | 1480.7 | 1637.4 | 1660.4 | 1651.2 | 1546.8 | 1340.9 | 1144.3 | 987.7  |
| 50°    | 872.5  | 1003.0 | 1193.5 | 1385.5 | 1519.1 | 1525.3 | 1502.2 | 1353.2 | 1152.0 | 972.3  | 847.9  |
| 52.5°  | 781.8  | 913.9  | 1089.0 | 1273.4 | 1393.2 | 1384.0 | 1339.4 | 1179.7 | 990.7  | 841.7  | 746.5  |
| 55°    | 709.6  | 826.4  | 990.7  | 1170.4 | 1254.9 | 1228.8 | 1179.7 | 1016.8 | 867.9  | 741.9  | 659.0  |
| 57.5°  | 629.8  | 732.7  | 894.0  | 1050.6 | 1099.8 | 1075.2 | 1026.1 | 874.0  | 735.8  | 640.5  | 585.2  |
| 60°    | 554.5  | 648.2  | 789.5  | 920.1  | 958.5  | 932.4  | 875.5  | 738.8  | 639.0  | 559.1  | 517.6  |
| 62.5°  | 485.4  | 566.8  | 685.1  | 804.9  | 820.2  | 794.1  | 745.0  | 634.4  | 548.4  | 485.4  | 454.7  |
| 65°    | 420.9  | 497.7  | 592.9  | 683.5  | 697.4  | 669.7  | 619.0  | 539.1  | 467.0  | 427.0  | 397.8  |
| 67.5°  | 357.9  | 419.3  | 503.8  | 569.9  | 577.5  | 551.4  | 510.0  | 445.4  | 400.9  | 357.9  | 336.4  |
| 70°    | 302.6  | 348.7  | 414.7  | 468.5  | 471.6  | 447.0  | 425.5  | 367.1  | 333.3  | 302.6  | 285.7  |
| 72.5°  | 248.8  | 281.1  | 331.8  | 371.7  | 373.3  | 357.9  | 337.9  | 301.1  | 271.9  | 250.4  | 233.5  |
| 75°    | 196.6  | 224.3  | 255.0  | 290.3  | 288.8  | 276.5  | 261.1  | 238.1  | 213.5  | 199.7  | 192.0  |
| 77.5°  | 150.5  | 167.4  | 192.0  | 215.0  | 215.0  | 208.9  | 199.7  | 182.8  | 167.4  | 153.6  | 145.9  |
| 80°    | 107.5  | 118.3  | 138.2  | 145.9  | 149.0  | 147.5  | 139.8  | 127.5  | 121.3  | 110.6  | 107.5  |
| 82.5°  | 69.1   | 76.8   | 86.0   | 93.7   | 98.3   | 95.2   | 93.7   | 87.6   | 78.3   | 75.3   | 72.2   |
| 85°    | 39.9   | 43.0   | 47.6   | 52.2   | 53.8   | 52.2   | 55.3   | 50.7   | 46.1   | 46.1   | 44.5   |
| 87.5°  | 16.9   | 18.4   | 21.5   | 21.5   | 23.0   | 23.0   | 21.5   | 23.0   | 23.0   | 21.5   | 20.0   |
| 90°    | 0.6    | 2.3    | 4.6    | 5.7    | 6.9    | 7.8    | 8.6    | 11.4   | 15.4   | 18.9   | 19.4   |
| 92.5°  | 8.6    | 12.0   | 16.6   | 19.4   | 24.0   | 27.2   | 30.3   | 45.7   | 67.4   | 86.8   | 88.0   |
| 95°    | 20.0   | 22.3   | 28.0   | 33.1   | 42.3   | 49.2   | 56.0   | 82.3   | 132.0  | 198.3  | 224.0  |
| 97.5°  | 29.7   | 33.1   | 39.4   | 46.9   | 57.1   | 64.8   | 72.6   | 106.3  | 175.4  | 282.3  | 365.1  |
| 100°   | 44.0   | 45.7   | 50.9   | 60.0   | 71.4   | 79.4   | 87.4   | 117.7  | 187.4  | 310.8  | 451.4  |
| 102.5° | 57.1   | 58.3   | 63.4   | 72.6   | 84.6   | 92.6   | 100.6  | 128.0  | 188.0  | 300.0  | 454.2  |
| 105°   | 69.7   | 72.0   | 76.0   | 84.6   | 97.1   | 105.1  | 113.1  | 140.0  | 190.8  | 285.1  | 423.4  |
| 107.5° | 83.4   | 85.1   | 89.1   | 97.1   | 109.7  | 117.7  | 125.7  | 152.0  | 197.1  | 277.1  | 394.8  |
| 110°   | 97.1   | 99.4   | 102.8  | 110.3  | 122.3  | 130.6  | 138.8  | 164.0  | 205.1  | 274.8  | 375.4  |



TEST NUMBER: P1008642

CATALOG NUMBER: S122DIP-B1005D530UB30-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 22.5° | 25°   | 30°   | 35°   | 40°   | 45°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 109.7 | 112.0 | 116.0 | 122.8 | 134.3 | 142.9 | 151.4 | 175.4 | 213.7 | 275.4 | 362.8 |
| 115°   | 122.8 | 125.7 | 129.1 | 136.0 | 147.4 | 155.1 | 162.8 | 187.4 | 222.3 | 277.7 | 354.2 |
| 117.5° | 136.6 | 138.8 | 142.3 | 148.6 | 159.4 | 167.4 | 175.4 | 198.3 | 231.4 | 281.1 | 349.7 |
| 120°   | 149.1 | 151.4 | 154.8 | 160.0 | 171.4 | 179.4 | 187.4 | 209.7 | 240.5 | 284.5 | 345.7 |
| 122.5° | 161.1 | 162.8 | 166.3 | 172.0 | 183.4 | 191.7 | 200.0 | 220.5 | 248.5 | 288.5 | 343.4 |
| 125°   | 171.4 | 173.1 | 176.6 | 183.4 | 194.8 | 202.8 | 210.8 | 231.4 | 257.1 | 292.5 | 340.5 |
| 127.5° | 180.0 | 182.3 | 186.8 | 194.3 | 205.1 | 213.4 | 221.7 | 241.7 | 265.1 | 296.5 | 338.8 |
| 130°   | 187.4 | 189.7 | 195.4 | 203.4 | 214.8 | 222.8 | 230.8 | 250.8 | 272.5 | 301.1 | 337.7 |
| 132.5° | 194.3 | 197.1 | 203.4 | 212.0 | 224.0 | 232.0 | 240.0 | 258.8 | 280.0 | 305.7 | 337.1 |
| 135°   | 201.1 | 203.4 | 210.3 | 218.8 | 232.0 | 240.0 | 248.0 | 266.3 | 286.3 | 309.1 | 336.5 |
| 137.5° | 207.4 | 210.3 | 217.1 | 226.3 | 239.4 | 246.8 | 254.3 | 272.5 | 291.4 | 312.5 | 336.5 |
| 140°   | 214.8 | 217.1 | 224.0 | 233.1 | 245.7 | 253.1 | 260.5 | 277.7 | 295.4 | 314.8 | 336.0 |
| 142.5° | 222.3 | 224.0 | 230.3 | 239.4 | 251.4 | 258.2 | 265.1 | 281.7 | 298.8 | 316.5 | 336.0 |
| 145°   | 229.7 | 232.0 | 237.7 | 246.3 | 257.7 | 264.0 | 270.3 | 285.7 | 301.7 | 317.7 | 334.8 |
| 147.5° | 237.7 | 239.4 | 245.1 | 253.1 | 262.8 | 268.6 | 274.3 | 289.1 | 303.4 | 318.3 | 333.1 |
| 150°   | 245.7 | 247.4 | 252.0 | 259.4 | 268.0 | 273.2 | 278.3 | 291.4 | 304.5 | 317.7 | 331.4 |
| 152.5° | 253.7 | 254.3 | 258.8 | 265.1 | 273.1 | 277.7 | 282.3 | 293.7 | 305.1 | 316.5 | 328.5 |
| 155°   | 261.1 | 261.7 | 265.1 | 271.4 | 277.7 | 282.0 | 286.3 | 296.0 | 305.7 | 315.4 | 325.1 |
| 157.5° | 267.4 | 268.0 | 270.8 | 276.5 | 281.7 | 285.4 | 289.1 | 297.7 | 305.7 | 313.1 | 321.7 |
| 160°   | 273.7 | 274.3 | 276.5 | 281.1 | 285.7 | 288.8 | 292.0 | 298.8 | 305.7 | 311.4 | 318.3 |
| 162.5° | 280.0 | 279.4 | 281.7 | 285.1 | 289.1 | 291.4 | 293.7 | 299.4 | 305.1 | 309.7 | 315.4 |
| 165°   | 284.5 | 284.0 | 285.1 | 288.5 | 291.4 | 293.1 | 294.8 | 300.0 | 304.0 | 307.4 | 311.4 |
| 167.5° | 288.5 | 288.0 | 289.1 | 291.4 | 293.7 | 294.8 | 296.0 | 300.0 | 303.4 | 305.1 | 308.0 |
| 170°   | 292.5 | 291.4 | 292.0 | 293.7 | 294.8 | 295.6 | 296.5 | 299.4 | 302.3 | 303.4 | 305.1 |
| 172.5° | 294.8 | 294.3 | 293.7 | 295.4 | 296.0 | 296.6 | 297.1 | 298.8 | 300.5 | 301.1 | 301.7 |
| 175°   | 296.5 | 296.0 | 295.4 | 296.5 | 296.5 | 296.8 | 297.1 | 298.3 | 299.4 | 298.8 | 299.4 |
| 177.5° | 297.7 | 296.5 | 296.0 | 297.1 | 297.1 | 297.1 | 297.1 | 297.7 | 298.8 | 297.7 | 297.1 |
| 180°   | 297.1 | 297.1 | 297.1 | 297.1 | 297.1 | 297.1 | 297.1 | 297.1 | 297.1 | 297.1 | 297.1 |

TEST NUMBER: P1008642

CATALOG NUMBER: S122DIP-B1005D530UB30-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1998.4 | 1998.4 | 1998.4 | 1998.4 | 1998.4 | 1998.4 | 1998.4 | 1998.4 | 1998.4 | 1998.4 | 1998.4 |
| 2.5°   | 2076.7 | 2078.2 | 2081.3 | 2096.7 | 2104.3 | 2105.9 | 2099.7 | 2113.6 | 2118.2 | 2113.6 | 2110.5 |
| 5°     | 2175.0 | 2184.2 | 2202.7 | 2222.6 | 2221.1 | 2222.6 | 2231.8 | 2241.1 | 2244.1 | 2231.8 | 2236.4 |
| 7.5°   | 2261.0 | 2279.5 | 2299.4 | 2330.1 | 2330.1 | 2345.5 | 2351.6 | 2359.3 | 2377.8 | 2368.5 | 2365.5 |
| 10°    | 2359.3 | 2383.9 | 2420.8 | 2469.9 | 2471.5 | 2486.8 | 2502.2 | 2526.8 | 2534.4 | 2528.3 | 2531.4 |
| 12.5°  | 2482.2 | 2529.8 | 2532.9 | 2586.7 | 2611.2 | 2614.3 | 2638.9 | 2634.3 | 2649.6 | 2649.6 | 2675.7 |
| 15°    | 2536.0 | 2609.7 | 2651.2 | 2703.4 | 2718.8 | 2700.3 | 2720.3 | 2741.8 | 2743.3 | 2743.3 | 2741.8 |
| 17.5°  | 2632.7 | 2661.9 | 2703.4 | 2731.0 | 2737.2 | 2737.2 | 2738.7 | 2747.9 | 2741.8 | 2729.5 | 2738.7 |
| 20°    | 2652.7 | 2665.0 | 2680.4 | 2677.3 | 2680.4 | 2665.0 | 2649.6 | 2634.3 | 2635.8 | 2628.1 | 2651.2 |
| 22.5°  | 2615.8 | 2612.8 | 2577.4 | 2554.4 | 2554.4 | 2523.7 | 2494.5 | 2480.7 | 2466.9 | 2471.5 | 2479.1 |
| 25°    | 2523.7 | 2476.1 | 2433.1 | 2399.3 | 2391.6 | 2342.4 | 2302.5 | 2290.2 | 2267.2 | 2285.6 | 2288.7 |
| 27.5°  | 2376.2 | 2322.5 | 2253.3 | 2224.2 | 2184.2 | 2164.3 | 2136.6 | 2099.7 | 2052.1 | 2079.8 | 2075.2 |
| 30°    | 2218.0 | 2138.1 | 2081.3 | 2010.7 | 1947.7 | 1943.1 | 1890.8 | 1829.4 | 1804.8 | 1804.8 | 1818.6 |
| 32.5°  | 2041.4 | 1935.4 | 1852.4 | 1752.6 | 1691.2 | 1665.0 | 1602.1 | 1540.6 | 1554.5 | 1508.4 | 1525.3 |
| 35°    | 1835.5 | 1695.8 | 1591.3 | 1494.5 | 1448.5 | 1417.7 | 1336.3 | 1302.5 | 1265.7 | 1244.2 | 1284.1 |
| 37.5°  | 1638.9 | 1477.7 | 1344.0 | 1238.0 | 1221.1 | 1165.8 | 1110.5 | 1089.0 | 1067.5 | 1076.8 | 1075.2 |
| 40°    | 1399.3 | 1256.5 | 1136.7 | 1053.7 | 1024.5 | 998.4  | 961.5  | 935.4  | 921.6  | 929.3  | 930.8  |
| 42.5°  | 1182.7 | 1062.9 | 973.8  | 915.5  | 890.9  | 872.5  | 854.0  | 832.5  | 827.9  | 827.9  | 834.1  |
| 45°    | 1015.3 | 917.0  | 857.1  | 809.5  | 795.7  | 781.8  | 768.0  | 758.8  | 755.7  | 749.6  | 754.2  |
| 47.5°  | 881.7  | 803.3  | 766.5  | 731.1  | 715.8  | 712.7  | 700.4  | 695.8  | 689.7  | 688.1  | 689.7  |
| 50°    | 769.5  | 720.4  | 686.6  | 666.6  | 655.9  | 651.3  | 645.1  | 635.9  | 632.8  | 640.5  | 637.4  |
| 52.5°  | 691.2  | 645.1  | 626.7  | 606.7  | 600.6  | 594.4  | 585.2  | 586.8  | 585.2  | 582.2  | 582.2  |
| 55°    | 612.9  | 583.7  | 565.3  | 549.9  | 548.4  | 542.2  | 534.5  | 531.5  | 529.9  | 526.9  | 531.5  |
| 57.5°  | 549.9  | 526.9  | 510.0  | 496.1  | 490.0  | 490.0  | 482.3  | 476.2  | 476.2  | 474.6  | 476.2  |
| 60°    | 486.9  | 463.9  | 453.1  | 439.3  | 434.7  | 433.2  | 428.6  | 425.5  | 420.9  | 420.9  | 420.9  |
| 62.5°  | 428.6  | 410.1  | 397.8  | 385.5  | 387.1  | 379.4  | 373.3  | 370.2  | 370.2  | 371.7  | 371.7  |
| 65°    | 373.3  | 361.0  | 345.6  | 334.9  | 331.8  | 330.2  | 327.2  | 325.6  | 321.0  | 324.1  | 324.1  |
| 67.5°  | 322.6  | 305.7  | 296.5  | 291.8  | 287.2  | 285.7  | 282.6  | 279.6  | 278.0  | 276.5  | 279.6  |
| 70°    | 271.9  | 258.1  | 250.4  | 247.3  | 242.7  | 241.2  | 239.6  | 235.0  | 236.5  | 238.1  | 239.6  |
| 72.5°  | 225.8  | 213.5  | 212.0  | 202.8  | 202.8  | 202.8  | 196.6  | 199.7  | 198.1  | 195.1  | 198.1  |
| 75°    | 178.2  | 172.0  | 169.0  | 164.4  | 165.9  | 164.4  | 162.8  | 158.2  | 158.2  | 159.7  | 161.3  |
| 77.5°  | 141.3  | 135.2  | 133.6  | 129.0  | 126.0  | 129.0  | 126.0  | 124.4  | 124.4  | 126.0  | 126.0  |
| 80°    | 104.4  | 101.4  | 96.8   | 96.8   | 96.8   | 95.2   | 95.2   | 95.2   | 93.7   | 92.2   | 93.7   |
| 82.5°  | 69.1   | 69.1   | 67.6   | 66.0   | 67.6   | 64.5   | 66.0   | 66.0   | 66.0   | 66.0   | 66.0   |
| 85°    | 44.5   | 43.0   | 43.0   | 41.5   | 41.5   | 41.5   | 43.0   | 39.9   | 39.9   | 41.5   | 41.5   |
| 87.5°  | 20.0   | 20.0   | 20.0   | 21.5   | 20.0   | 20.0   | 20.0   | 21.5   | 20.0   | 20.0   | 20.0   |
| 90°    | 18.9   | 18.3   | 17.1   | 18.3   | 18.6   | 18.9   | 18.9   | 18.9   | 18.9   | 18.9   | 18.9   |
| 92.5°  | 73.7   | 57.7   | 49.1   | 42.9   | 40.6   | 38.3   | 37.7   | 35.4   | 36.0   | 34.9   | 36.0   |
| 95°    | 196.0  | 149.7  | 114.8  | 90.8   | 84.6   | 78.3   | 70.8   | 66.3   | 64.6   | 65.1   | 64.6   |
| 97.5°  | 368.0  | 306.3  | 244.5  | 186.8  | 169.7  | 152.6  | 130.3  | 118.8  | 112.6  | 109.1  | 112.6  |
| 100°   | 533.7  | 521.7  | 450.8  | 372.5  | 338.0  | 303.4  | 256.0  | 231.4  | 214.8  | 204.5  | 214.8  |
| 102.5° | 595.4  | 662.8  | 660.5  | 608.5  | 571.4  | 534.2  | 481.7  | 435.4  | 413.7  | 398.8  | 413.7  |
| 105°   | 575.4  | 694.2  | 758.8  | 766.2  | 756.8  | 747.3  | 711.9  | 676.5  | 651.9  | 643.9  | 651.9  |
| 107.5° | 533.1  | 660.5  | 756.5  | 812.5  | 823.9  | 835.3  | 834.8  | 829.6  | 822.2  | 809.1  | 822.2  |
| 110°   | 493.7  | 614.2  | 716.5  | 789.6  | 813.0  | 836.5  | 861.1  | 871.9  | 877.0  | 876.5  | 877.0  |



TEST NUMBER: P1008642

CATALOG NUMBER: S122DIP-B1005D530UB30-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 50°   | 55°   | 60°   | 65°   | 67.5° | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 466.2 | 571.9 | 669.1 | 748.5 | 776.2 | 803.9 | 840.5 | 860.5 | 871.3 | 875.3 | 871.3 |
| 115°   | 444.5 | 538.8 | 626.8 | 701.6 | 731.0 | 760.5 | 801.1 | 827.3 | 842.2 | 847.3 | 842.2 |
| 117.5° | 429.7 | 511.4 | 590.2 | 659.9 | 687.9 | 715.9 | 757.6 | 785.6 | 801.1 | 805.1 | 801.1 |
| 120°   | 418.2 | 491.9 | 562.8 | 623.4 | 649.4 | 675.4 | 715.4 | 742.2 | 758.8 | 764.5 | 758.8 |
| 122.5° | 408.5 | 476.5 | 539.9 | 596.5 | 619.4 | 642.2 | 677.1 | 703.4 | 717.6 | 722.2 | 717.6 |
| 125°   | 399.4 | 461.7 | 520.5 | 570.8 | 592.2 | 613.6 | 646.8 | 668.5 | 682.8 | 687.4 | 682.8 |
| 127.5° | 390.8 | 446.8 | 501.1 | 549.1 | 569.1 | 589.1 | 618.2 | 638.8 | 651.4 | 654.8 | 651.4 |
| 130°   | 382.2 | 432.5 | 481.7 | 526.8 | 545.6 | 564.5 | 592.5 | 611.9 | 623.4 | 627.9 | 623.4 |
| 132.5° | 375.4 | 418.8 | 463.4 | 503.9 | 521.3 | 538.8 | 566.2 | 585.7 | 595.9 | 599.9 | 595.9 |
| 135°   | 369.1 | 406.2 | 444.0 | 481.7 | 497.7 | 513.7 | 538.2 | 557.1 | 567.4 | 569.7 | 567.4 |
| 137.5° | 364.5 | 396.0 | 428.5 | 459.4 | 473.6 | 487.9 | 511.4 | 527.9 | 537.1 | 540.5 | 537.1 |
| 140°   | 360.5 | 386.2 | 413.7 | 440.0 | 452.6 | 465.1 | 483.4 | 498.2 | 506.8 | 510.2 | 506.8 |
| 142.5° | 356.5 | 378.2 | 400.5 | 422.2 | 432.2 | 442.2 | 459.4 | 472.5 | 479.9 | 479.9 | 479.9 |
| 145°   | 353.1 | 370.8 | 389.7 | 407.4 | 415.7 | 424.0 | 437.7 | 447.4 | 453.1 | 454.8 | 453.1 |
| 147.5° | 349.7 | 365.1 | 380.5 | 394.8 | 401.1 | 407.4 | 419.4 | 427.4 | 431.4 | 432.5 | 431.4 |
| 150°   | 345.1 | 358.8 | 371.4 | 383.4 | 388.5 | 393.7 | 402.2 | 409.1 | 412.5 | 413.1 | 412.5 |
| 152.5° | 341.1 | 352.5 | 364.0 | 373.7 | 378.0 | 382.2 | 388.5 | 394.2 | 396.5 | 396.5 | 396.5 |
| 155°   | 336.0 | 346.8 | 356.0 | 364.5 | 367.6 | 370.8 | 377.1 | 381.1 | 383.4 | 382.2 | 383.4 |
| 157.5° | 331.4 | 340.0 | 348.0 | 355.4 | 358.0 | 360.5 | 365.1 | 368.5 | 369.7 | 369.7 | 369.7 |
| 160°   | 326.3 | 333.7 | 340.0 | 346.2 | 348.2 | 350.2 | 354.2 | 357.1 | 357.7 | 357.7 | 357.7 |
| 162.5° | 321.7 | 327.4 | 332.5 | 337.7 | 339.1 | 340.5 | 344.5 | 346.2 | 346.8 | 346.2 | 346.8 |
| 165°   | 316.5 | 321.1 | 325.1 | 329.1 | 330.2 | 331.4 | 333.7 | 336.0 | 336.0 | 335.4 | 336.0 |
| 167.5° | 311.4 | 314.8 | 318.3 | 321.1 | 322.2 | 323.4 | 324.5 | 325.7 | 325.7 | 325.1 | 325.7 |
| 170°   | 307.4 | 310.3 | 312.0 | 314.3 | 314.8 | 315.4 | 316.0 | 317.7 | 317.1 | 316.0 | 317.1 |
| 172.5° | 303.4 | 305.1 | 306.3 | 308.0 | 308.2 | 308.5 | 309.1 | 309.7 | 309.1 | 308.5 | 309.1 |
| 175°   | 300.0 | 301.7 | 302.3 | 302.8 | 303.1 | 303.4 | 303.4 | 304.0 | 303.4 | 302.3 | 303.4 |
| 177.5° | 297.7 | 298.8 | 298.8 | 299.4 | 299.4 | 299.4 | 299.4 | 299.4 | 298.8 | 297.7 | 298.8 |
| 180°   | 297.1 | 297.1 | 297.1 | 297.1 | 297.1 | 297.1 | 297.1 | 297.1 | 297.1 | 297.1 | 297.1 |

TEST NUMBER: P1008642

CATALOG NUMBER: S122DIP-B1005D530UB30-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1998.4 | 1998.4 | 1998.4 | 1998.4 | 1998.4 | 1998.4 | 1998.4 | 1998.4 | 1998.4 | 1998.4 | 1998.4 |
| 2.5°   | 2118.2 | 2107.4 | 2098.2 | 2099.7 | 2107.4 | 2101.3 | 2085.9 | 2065.9 | 2058.3 | 2049.1 | 2058.3 |
| 5°     | 2245.7 | 2236.4 | 2218.0 | 2219.6 | 2214.9 | 2208.8 | 2184.2 | 2153.5 | 2153.5 | 2128.9 | 2125.9 |
| 7.5°   | 2371.6 | 2357.8 | 2345.5 | 2342.4 | 2325.5 | 2313.2 | 2291.7 | 2248.7 | 2231.8 | 2202.7 | 2185.8 |
| 10°    | 2512.9 | 2502.2 | 2488.4 | 2471.5 | 2462.2 | 2440.7 | 2405.4 | 2342.4 | 2311.7 | 2271.8 | 2242.6 |
| 12.5°  | 2655.8 | 2654.2 | 2623.5 | 2589.7 | 2588.2 | 2554.4 | 2529.8 | 2445.3 | 2403.9 | 2350.1 | 2281.0 |
| 15°    | 2746.4 | 2738.7 | 2721.8 | 2704.9 | 2709.5 | 2672.7 | 2617.4 | 2517.5 | 2489.9 | 2425.4 | 2351.6 |
| 17.5°  | 2744.9 | 2744.9 | 2740.3 | 2737.2 | 2732.6 | 2721.8 | 2691.1 | 2625.1 | 2580.5 | 2499.1 | 2430.0 |
| 20°    | 2657.3 | 2677.3 | 2681.9 | 2680.4 | 2695.7 | 2703.4 | 2701.9 | 2660.4 | 2625.1 | 2552.9 | 2482.2 |
| 22.5°  | 2482.2 | 2528.3 | 2548.3 | 2560.5 | 2592.8 | 2609.7 | 2649.6 | 2634.3 | 2625.1 | 2571.3 | 2511.4 |
| 25°    | 2319.4 | 2334.8 | 2394.7 | 2397.7 | 2442.3 | 2483.7 | 2523.7 | 2549.8 | 2583.6 | 2563.6 | 2512.9 |
| 27.5°  | 2109.0 | 2144.3 | 2187.3 | 2219.6 | 2228.8 | 2313.2 | 2379.3 | 2428.5 | 2505.3 | 2511.4 | 2494.5 |
| 30°    | 1870.9 | 1887.8 | 1958.4 | 2001.4 | 2050.6 | 2112.0 | 2207.3 | 2291.7 | 2360.9 | 2423.8 | 2445.3 |
| 32.5°  | 1580.6 | 1649.7 | 1691.2 | 1743.4 | 1786.4 | 1895.5 | 2012.2 | 2121.2 | 2201.1 | 2307.1 | 2353.2 |
| 35°    | 1314.8 | 1368.6 | 1439.3 | 1460.8 | 1539.1 | 1631.3 | 1783.3 | 1923.1 | 2044.4 | 2152.0 | 2245.7 |
| 37.5°  | 1095.2 | 1138.2 | 1213.5 | 1247.2 | 1293.3 | 1411.6 | 1539.1 | 1712.7 | 1858.6 | 1990.7 | 2107.4 |
| 40°    | 944.7  | 976.9  | 1033.7 | 1044.5 | 1082.9 | 1190.4 | 1293.3 | 1456.1 | 1649.7 | 1827.9 | 1955.4 |
| 42.5°  | 841.7  | 857.1  | 895.5  | 909.3  | 933.9  | 1006.1 | 1098.3 | 1251.9 | 1431.6 | 1615.9 | 1795.6 |
| 45°    | 768.0  | 778.8  | 801.8  | 814.1  | 844.8  | 877.1  | 952.3  | 1075.2 | 1216.5 | 1402.4 | 1595.9 |
| 47.5°  | 702.0  | 715.8  | 725.0  | 732.7  | 749.6  | 784.9  | 834.1  | 924.7  | 1059.9 | 1230.4 | 1417.7 |
| 50°    | 646.7  | 651.3  | 668.2  | 669.7  | 680.5  | 703.5  | 749.6  | 804.9  | 912.4  | 1050.6 | 1231.9 |
| 52.5°  | 591.4  | 596.0  | 606.7  | 617.5  | 622.1  | 640.5  | 671.2  | 717.3  | 797.2  | 906.3  | 1067.5 |
| 55°    | 536.1  | 542.2  | 553.0  | 560.6  | 565.3  | 580.6  | 599.0  | 643.6  | 706.6  | 783.4  | 915.5  |
| 57.5°  | 480.8  | 494.6  | 497.7  | 502.3  | 510.0  | 526.9  | 543.8  | 569.9  | 619.0  | 689.7  | 786.4  |
| 60°    | 428.6  | 433.2  | 443.9  | 448.5  | 456.2  | 465.4  | 486.9  | 506.9  | 542.2  | 597.5  | 685.1  |
| 62.5°  | 374.8  | 385.5  | 390.1  | 394.8  | 400.9  | 411.7  | 425.5  | 447.0  | 477.7  | 522.2  | 591.4  |
| 65°    | 328.7  | 330.2  | 339.5  | 345.6  | 351.7  | 359.4  | 373.3  | 393.2  | 411.7  | 453.1  | 503.8  |
| 67.5°  | 284.2  | 287.2  | 290.3  | 296.5  | 304.1  | 311.8  | 324.1  | 334.9  | 357.9  | 385.5  | 425.5  |
| 70°    | 241.2  | 241.2  | 248.8  | 253.4  | 251.9  | 261.1  | 270.3  | 282.6  | 299.5  | 325.6  | 357.9  |
| 72.5°  | 202.8  | 201.2  | 207.4  | 208.9  | 212.0  | 218.1  | 224.3  | 236.5  | 245.8  | 265.7  | 290.3  |
| 75°    | 161.3  | 164.4  | 167.4  | 167.4  | 172.0  | 176.6  | 182.8  | 188.9  | 199.7  | 212.0  | 230.4  |
| 77.5°  | 127.5  | 127.5  | 130.6  | 132.1  | 136.7  | 135.2  | 141.3  | 147.5  | 155.1  | 165.9  | 179.7  |
| 80°    | 93.7   | 96.8   | 96.8   | 96.8   | 98.3   | 99.8   | 106.0  | 110.6  | 115.2  | 122.9  | 129.0  |
| 82.5°  | 66.0   | 66.0   | 69.1   | 69.1   | 69.1   | 72.2   | 72.2   | 73.7   | 76.8   | 81.4   | 86.0   |
| 85°    | 41.5   | 41.5   | 41.5   | 43.0   | 41.5   | 43.0   | 46.1   | 44.5   | 46.1   | 49.2   | 49.2   |
| 87.5°  | 20.0   | 20.0   | 20.0   | 20.0   | 20.0   | 21.5   | 20.0   | 21.5   | 23.0   | 23.0   | 23.0   |
| 90°    | 18.9   | 18.9   | 18.9   | 18.6   | 18.3   | 17.1   | 18.3   | 18.9   | 19.4   | 18.9   | 15.4   |
| 92.5°  | 35.4   | 37.7   | 38.3   | 40.6   | 42.9   | 49.1   | 57.7   | 73.7   | 88.0   | 86.8   | 67.4   |
| 95°    | 66.3   | 70.8   | 78.3   | 84.6   | 90.8   | 114.8  | 149.7  | 196.0  | 224.0  | 198.3  | 132.0  |
| 97.5°  | 118.8  | 130.3  | 152.6  | 169.7  | 186.8  | 244.5  | 306.3  | 368.0  | 365.1  | 282.3  | 175.4  |
| 100°   | 231.4  | 256.0  | 303.4  | 338.0  | 372.5  | 450.8  | 521.7  | 533.7  | 451.4  | 310.8  | 187.4  |
| 102.5° | 435.4  | 481.7  | 534.2  | 571.4  | 608.5  | 660.5  | 662.8  | 595.4  | 454.2  | 300.0  | 188.0  |
| 105°   | 676.5  | 711.9  | 747.3  | 756.8  | 766.2  | 758.8  | 694.2  | 575.4  | 423.4  | 285.1  | 190.8  |
| 107.5° | 829.6  | 834.8  | 835.3  | 823.9  | 812.5  | 756.5  | 660.5  | 533.1  | 394.8  | 277.1  | 197.1  |
| 110°   | 871.9  | 861.1  | 836.5  | 813.0  | 789.6  | 716.5  | 614.2  | 493.7  | 375.4  | 274.8  | 205.1  |

TEST NUMBER: P1008642

CATALOG NUMBER: S122DIP-B1005D530UB30-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 100°  | 105°  | 110°  | 112.5° | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  |
|--------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 860.5 | 840.5 | 803.9 | 776.2  | 748.5 | 669.1 | 571.9 | 466.2 | 362.8 | 275.4 | 213.7 |
| 115°   | 827.3 | 801.1 | 760.5 | 731.0  | 701.6 | 626.8 | 538.8 | 444.5 | 354.2 | 277.7 | 222.3 |
| 117.5° | 785.6 | 757.6 | 715.9 | 687.9  | 659.9 | 590.2 | 511.4 | 429.7 | 349.7 | 281.1 | 231.4 |
| 120°   | 742.2 | 715.4 | 675.4 | 649.4  | 623.4 | 562.8 | 491.9 | 418.2 | 345.7 | 284.5 | 240.5 |
| 122.5° | 703.4 | 677.1 | 642.2 | 619.4  | 596.5 | 539.9 | 476.5 | 408.5 | 343.4 | 288.5 | 248.5 |
| 125°   | 668.5 | 646.8 | 613.6 | 592.2  | 570.8 | 520.5 | 461.7 | 399.4 | 340.5 | 292.5 | 257.1 |
| 127.5° | 638.8 | 618.2 | 589.1 | 569.1  | 549.1 | 501.1 | 446.8 | 390.8 | 338.8 | 296.5 | 265.1 |
| 130°   | 611.9 | 592.5 | 564.5 | 545.6  | 526.8 | 481.7 | 432.5 | 382.2 | 337.7 | 301.1 | 272.5 |
| 132.5° | 585.7 | 566.2 | 538.8 | 521.3  | 503.9 | 463.4 | 418.8 | 375.4 | 337.1 | 305.7 | 280.0 |
| 135°   | 557.1 | 538.2 | 513.7 | 497.7  | 481.7 | 444.0 | 406.2 | 369.1 | 336.5 | 309.1 | 286.3 |
| 137.5° | 527.9 | 511.4 | 487.9 | 473.6  | 459.4 | 428.5 | 396.0 | 364.5 | 336.5 | 312.5 | 291.4 |
| 140°   | 498.2 | 483.4 | 465.1 | 452.6  | 440.0 | 413.7 | 386.2 | 360.5 | 336.0 | 314.8 | 295.4 |
| 142.5° | 472.5 | 459.4 | 442.2 | 432.2  | 422.2 | 400.5 | 378.2 | 356.5 | 336.0 | 316.5 | 298.8 |
| 145°   | 447.4 | 437.7 | 424.0 | 415.7  | 407.4 | 389.7 | 370.8 | 353.1 | 334.8 | 317.7 | 301.7 |
| 147.5° | 427.4 | 419.4 | 407.4 | 401.1  | 394.8 | 380.5 | 365.1 | 349.7 | 333.1 | 318.3 | 303.4 |
| 150°   | 409.1 | 402.2 | 393.7 | 388.5  | 383.4 | 371.4 | 358.8 | 345.1 | 331.4 | 317.7 | 304.5 |
| 152.5° | 394.2 | 388.5 | 382.2 | 378.0  | 373.7 | 364.0 | 352.5 | 341.1 | 328.5 | 316.5 | 305.1 |
| 155°   | 381.1 | 377.1 | 370.8 | 367.6  | 364.5 | 356.0 | 346.8 | 336.0 | 325.1 | 315.4 | 305.7 |
| 157.5° | 368.5 | 365.1 | 360.5 | 358.0  | 355.4 | 348.0 | 340.0 | 331.4 | 321.7 | 313.1 | 305.7 |
| 160°   | 357.1 | 354.2 | 350.2 | 348.2  | 346.2 | 340.0 | 333.7 | 326.3 | 318.3 | 311.4 | 305.7 |
| 162.5° | 346.2 | 344.5 | 340.5 | 339.1  | 337.7 | 332.5 | 327.4 | 321.7 | 315.4 | 309.7 | 305.1 |
| 165°   | 336.0 | 333.7 | 331.4 | 330.2  | 329.1 | 325.1 | 321.1 | 316.5 | 311.4 | 307.4 | 304.0 |
| 167.5° | 325.7 | 324.5 | 323.4 | 322.2  | 321.1 | 318.3 | 314.8 | 311.4 | 308.0 | 305.1 | 303.4 |
| 170°   | 317.7 | 316.0 | 315.4 | 314.8  | 314.3 | 312.0 | 310.3 | 307.4 | 305.1 | 303.4 | 302.3 |
| 172.5° | 309.7 | 309.1 | 308.5 | 308.2  | 308.0 | 306.3 | 305.1 | 303.4 | 301.7 | 301.1 | 300.5 |
| 175°   | 304.0 | 303.4 | 303.4 | 303.1  | 302.8 | 302.3 | 301.7 | 300.0 | 299.4 | 298.8 | 299.4 |
| 177.5° | 299.4 | 299.4 | 299.4 | 299.4  | 299.4 | 298.8 | 298.8 | 297.7 | 297.1 | 297.7 | 298.8 |
| 180°   | 297.1 | 297.1 | 297.1 | 297.1  | 297.1 | 297.1 | 297.1 | 297.1 | 297.1 | 297.1 | 297.1 |

TEST NUMBER: P1008642

CATALOG NUMBER: S122DIP-B1005D530UB30-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1998.4 | 1998.4 | 1998.4 | 1998.4 | 1998.4 | 1998.4 | 1998.4 | 1998.4 | 1998.4 | 1998.4 | 1998.4 |
| 2.5°   | 2050.6 | 2042.9 | 2038.3 | 2041.4 | 2032.2 | 2009.1 | 2009.1 | 2016.8 | 2007.6 | 1998.4 | 1984.5 |
| 5°     | 2107.4 | 2092.1 | 2082.8 | 2081.3 | 2059.8 | 2022.9 | 2015.3 | 2007.6 | 1987.6 | 1966.1 | 1943.1 |
| 7.5°   | 2162.7 | 2135.1 | 2119.7 | 2109.0 | 2078.2 | 2030.6 | 2010.7 | 1993.8 | 1961.5 | 1929.2 | 1900.1 |
| 10°    | 2208.8 | 2168.9 | 2150.4 | 2133.5 | 2093.6 | 2033.7 | 2001.4 | 1970.7 | 1929.2 | 1887.8 | 1850.9 |
| 12.5°  | 2245.7 | 2199.6 | 2176.5 | 2152.0 | 2102.8 | 2024.5 | 1984.5 | 1935.4 | 1893.9 | 1838.6 | 1801.8 |
| 15°    | 2307.1 | 2211.9 | 2190.4 | 2167.3 | 2116.6 | 2009.1 | 1960.0 | 1904.7 | 1847.8 | 1774.1 | 1734.2 |
| 17.5°  | 2356.3 | 2228.8 | 2227.2 | 2178.1 | 2112.0 | 2003.0 | 1927.7 | 1855.5 | 1794.1 | 1720.3 | 1657.4 |
| 20°    | 2385.4 | 2254.9 | 2230.3 | 2179.6 | 2096.7 | 1961.5 | 1883.2 | 1803.3 | 1737.2 | 1648.2 | 1585.2 |
| 22.5°  | 2410.0 | 2291.7 | 2227.2 | 2165.8 | 2064.4 | 1947.7 | 1832.5 | 1757.2 | 1666.6 | 1569.8 | 1509.9 |
| 25°    | 2419.2 | 2299.4 | 2231.8 | 2161.2 | 2041.4 | 1907.7 | 1777.2 | 1695.8 | 1594.4 | 1506.8 | 1425.4 |
| 27.5°  | 2420.8 | 2297.9 | 2214.9 | 2141.2 | 2009.1 | 1855.5 | 1721.9 | 1635.9 | 1523.7 | 1422.4 | 1340.9 |
| 30°    | 2405.4 | 2281.0 | 2205.7 | 2125.9 | 1978.4 | 1807.9 | 1654.3 | 1559.1 | 1439.3 | 1337.9 | 1253.4 |
| 32.5°  | 2359.3 | 2247.2 | 2185.8 | 2098.2 | 1938.5 | 1741.8 | 1589.8 | 1483.8 | 1357.8 | 1258.0 | 1176.6 |
| 35°    | 2282.5 | 2205.7 | 2138.1 | 2056.7 | 1886.2 | 1680.4 | 1525.3 | 1400.9 | 1273.4 | 1178.1 | 1101.3 |
| 37.5°  | 2187.3 | 2145.8 | 2082.8 | 2003.0 | 1826.3 | 1625.1 | 1453.1 | 1314.8 | 1187.3 | 1095.2 | 1019.9 |
| 40°    | 2058.3 | 2069.0 | 2007.6 | 1935.4 | 1755.7 | 1549.8 | 1359.4 | 1227.3 | 1107.5 | 1021.5 | 947.7  |
| 42.5°  | 1918.5 | 1963.0 | 1927.7 | 1858.6 | 1677.3 | 1466.9 | 1290.3 | 1144.3 | 1027.6 | 938.5  | 877.1  |
| 45°    | 1768.0 | 1844.8 | 1823.3 | 1772.6 | 1595.9 | 1379.3 | 1192.0 | 1050.6 | 947.7  | 861.7  | 807.9  |
| 47.5°  | 1603.6 | 1712.7 | 1712.7 | 1675.8 | 1505.3 | 1291.8 | 1107.5 | 963.1  | 861.7  | 800.3  | 748.0  |
| 50°    | 1436.2 | 1559.1 | 1579.0 | 1554.5 | 1403.9 | 1192.0 | 1004.6 | 874.0  | 786.4  | 726.5  | 688.1  |
| 52.5°  | 1261.1 | 1403.9 | 1440.8 | 1428.5 | 1296.4 | 1096.7 | 920.1  | 792.6  | 712.7  | 660.5  | 626.7  |
| 55°    | 1093.6 | 1259.5 | 1299.5 | 1304.1 | 1181.2 | 992.3  | 826.4  | 714.3  | 637.4  | 602.1  | 572.9  |
| 57.5°  | 935.4  | 1095.2 | 1139.7 | 1147.4 | 1064.5 | 897.0  | 738.8  | 640.5  | 571.4  | 542.2  | 519.2  |
| 60°    | 800.3  | 933.9  | 992.3  | 1009.2 | 937.0  | 786.4  | 657.4  | 562.2  | 510.0  | 482.3  | 460.8  |
| 62.5°  | 689.7  | 797.2  | 858.6  | 863.2  | 831.0  | 689.7  | 572.9  | 493.1  | 448.5  | 423.9  | 413.2  |
| 65°    | 582.2  | 678.9  | 715.8  | 734.2  | 708.1  | 597.5  | 494.6  | 428.6  | 393.2  | 371.7  | 361.0  |
| 67.5°  | 496.1  | 557.6  | 588.3  | 612.9  | 586.8  | 503.8  | 420.9  | 367.1  | 341.0  | 319.5  | 313.3  |
| 70°    | 407.0  | 457.7  | 480.8  | 505.4  | 482.3  | 419.3  | 359.4  | 310.3  | 287.2  | 270.3  | 262.7  |
| 72.5°  | 325.6  | 365.6  | 387.1  | 402.4  | 388.6  | 336.4  | 287.2  | 253.4  | 236.5  | 224.3  | 219.7  |
| 75°    | 258.1  | 285.7  | 298.0  | 308.7  | 302.6  | 262.7  | 231.9  | 204.3  | 188.9  | 178.2  | 175.1  |
| 77.5°  | 196.6  | 216.6  | 230.4  | 233.5  | 225.8  | 199.7  | 173.6  | 156.7  | 144.4  | 138.2  | 135.2  |
| 80°    | 139.8  | 152.1  | 159.7  | 164.4  | 156.7  | 145.9  | 127.5  | 115.2  | 104.4  | 96.8   | 95.2   |
| 82.5°  | 93.7   | 99.8   | 106.0  | 104.4  | 101.4  | 92.2   | 81.4   | 75.3   | 70.7   | 64.5   | 64.5   |
| 85°    | 53.8   | 55.3   | 58.4   | 59.9   | 58.4   | 52.2   | 46.1   | 43.0   | 39.9   | 35.3   | 35.3   |
| 87.5°  | 23.0   | 24.6   | 24.6   | 26.1   | 23.0   | 23.0   | 20.0   | 16.9   | 16.9   | 15.4   | 13.8   |
| 90°    | 11.4   | 8.6    | 7.8    | 6.9    | 5.7    | 4.6    | 2.3    | 0.6    | 2.3    | 4.6    | 5.7    |
| 92.5°  | 45.7   | 30.3   | 27.2   | 24.0   | 19.4   | 16.6   | 12.0   | 8.6    | 12.0   | 16.6   | 19.4   |
| 95°    | 82.3   | 56.0   | 49.2   | 42.3   | 33.1   | 28.0   | 22.3   | 20.0   | 22.3   | 28.0   | 33.1   |
| 97.5°  | 106.3  | 72.6   | 64.8   | 57.1   | 46.9   | 39.4   | 33.1   | 29.7   | 33.1   | 39.4   | 46.9   |
| 100°   | 117.7  | 87.4   | 79.4   | 71.4   | 60.0   | 50.9   | 45.7   | 44.0   | 45.7   | 50.9   | 60.0   |
| 102.5° | 128.0  | 100.6  | 92.6   | 84.6   | 72.6   | 63.4   | 58.3   | 57.1   | 58.3   | 63.4   | 72.6   |
| 105°   | 140.0  | 113.1  | 105.1  | 97.1   | 84.6   | 76.0   | 72.0   | 69.7   | 72.0   | 76.0   | 84.6   |
| 107.5° | 152.0  | 125.7  | 117.7  | 109.7  | 97.1   | 89.1   | 85.1   | 83.4   | 85.1   | 89.1   | 97.1   |
| 110°   | 164.0  | 138.8  | 130.6  | 122.3  | 110.3  | 102.8  | 99.4   | 97.1   | 99.4   | 102.8  | 110.3  |

TEST NUMBER: P1008642

CATALOG NUMBER: S122DIP-B1005D530UB30-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 150°  | 155°  | 157.5° | 160°  | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  |
|--------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 175.4 | 151.4 | 142.9  | 134.3 | 122.8 | 116.0 | 112.0 | 109.7 | 112.0 | 116.0 | 122.8 |
| 115°   | 187.4 | 162.8 | 155.1  | 147.4 | 136.0 | 129.1 | 125.7 | 122.8 | 125.7 | 129.1 | 136.0 |
| 117.5° | 198.3 | 175.4 | 167.4  | 159.4 | 148.6 | 142.3 | 138.8 | 136.6 | 138.8 | 142.3 | 148.6 |
| 120°   | 209.7 | 187.4 | 179.4  | 171.4 | 160.0 | 154.8 | 151.4 | 149.1 | 151.4 | 154.8 | 160.0 |
| 122.5° | 220.5 | 200.0 | 191.7  | 183.4 | 172.0 | 166.3 | 162.8 | 161.1 | 162.8 | 166.3 | 172.0 |
| 125°   | 231.4 | 210.8 | 202.8  | 194.8 | 183.4 | 176.6 | 173.1 | 171.4 | 173.1 | 176.6 | 183.4 |
| 127.5° | 241.7 | 221.7 | 213.4  | 205.1 | 194.3 | 186.8 | 182.3 | 180.0 | 182.3 | 186.8 | 194.3 |
| 130°   | 250.8 | 230.8 | 222.8  | 214.8 | 203.4 | 195.4 | 189.7 | 187.4 | 189.7 | 195.4 | 203.4 |
| 132.5° | 258.8 | 240.0 | 232.0  | 224.0 | 212.0 | 203.4 | 197.1 | 194.3 | 197.1 | 203.4 | 212.0 |
| 135°   | 266.3 | 248.0 | 240.0  | 232.0 | 218.8 | 210.3 | 203.4 | 201.1 | 203.4 | 210.3 | 218.8 |
| 137.5° | 272.5 | 254.3 | 246.8  | 239.4 | 226.3 | 217.1 | 210.3 | 207.4 | 210.3 | 217.1 | 226.3 |
| 140°   | 277.7 | 260.5 | 253.1  | 245.7 | 233.1 | 224.0 | 217.1 | 214.8 | 217.1 | 224.0 | 233.1 |
| 142.5° | 281.7 | 265.1 | 258.2  | 251.4 | 239.4 | 230.3 | 224.0 | 222.3 | 224.0 | 230.3 | 239.4 |
| 145°   | 285.7 | 270.3 | 264.0  | 257.7 | 246.3 | 237.7 | 232.0 | 229.7 | 232.0 | 237.7 | 246.3 |
| 147.5° | 289.1 | 274.3 | 268.6  | 262.8 | 253.1 | 245.1 | 239.4 | 237.7 | 239.4 | 245.1 | 253.1 |
| 150°   | 291.4 | 278.3 | 273.2  | 268.0 | 259.4 | 252.0 | 247.4 | 245.7 | 247.4 | 252.0 | 259.4 |
| 152.5° | 293.7 | 282.3 | 277.7  | 273.1 | 265.1 | 258.8 | 254.3 | 253.7 | 254.3 | 258.8 | 265.1 |
| 155°   | 296.0 | 286.3 | 282.0  | 277.7 | 271.4 | 265.1 | 261.7 | 261.1 | 261.7 | 265.1 | 271.4 |
| 157.5° | 297.7 | 289.1 | 285.4  | 281.7 | 276.5 | 270.8 | 268.0 | 267.4 | 268.0 | 270.8 | 276.5 |
| 160°   | 298.8 | 292.0 | 288.8  | 285.7 | 281.1 | 276.5 | 274.3 | 273.7 | 274.3 | 276.5 | 281.1 |
| 162.5° | 299.4 | 293.7 | 291.4  | 289.1 | 285.1 | 281.7 | 279.4 | 280.0 | 279.4 | 281.7 | 285.1 |
| 165°   | 300.0 | 294.8 | 293.1  | 291.4 | 288.5 | 285.1 | 284.0 | 284.5 | 284.0 | 285.1 | 288.5 |
| 167.5° | 300.0 | 296.0 | 294.8  | 293.7 | 291.4 | 289.1 | 288.0 | 288.5 | 288.0 | 289.1 | 291.4 |
| 170°   | 299.4 | 296.5 | 295.6  | 294.8 | 293.7 | 292.0 | 291.4 | 292.5 | 291.4 | 292.0 | 293.7 |
| 172.5° | 298.8 | 297.1 | 296.6  | 296.0 | 295.4 | 293.7 | 294.3 | 294.8 | 294.3 | 293.7 | 295.4 |
| 175°   | 298.3 | 297.1 | 296.8  | 296.5 | 296.5 | 295.4 | 296.0 | 296.5 | 296.0 | 295.4 | 296.5 |
| 177.5° | 297.7 | 297.1 | 297.1  | 297.1 | 297.1 | 296.0 | 296.5 | 297.7 | 296.5 | 296.0 | 297.1 |
| 180°   | 297.1 | 297.1 | 297.1  | 297.1 | 297.1 | 297.1 | 297.1 | 297.1 | 297.1 | 297.1 | 297.1 |

TEST NUMBER: P1008642

CATALOG NUMBER: S122DIP-B1005D530UB30-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 200°   | 202.5° | 205°   | 210°   | 215°   | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1998.4 | 1998.4 | 1998.4 | 1998.4 | 1998.4 | 1998.4 | 1998.4 | 1998.4 | 1998.4 | 1998.4 | 1998.4 |
| 2.5°   | 1976.9 | 1984.5 | 1983.0 | 1967.6 | 1950.7 | 1936.9 | 1910.8 | 1913.9 | 1904.7 | 1906.2 | 1915.4 |
| 5°     | 1927.7 | 1927.7 | 1921.6 | 1900.1 | 1872.4 | 1857.1 | 1827.9 | 1820.2 | 1801.8 | 1800.2 | 1798.7 |
| 7.5°   | 1875.5 | 1867.8 | 1860.1 | 1829.4 | 1795.6 | 1771.0 | 1731.1 | 1721.9 | 1703.4 | 1691.2 | 1685.0 |
| 10°    | 1814.0 | 1803.3 | 1787.9 | 1752.6 | 1711.1 | 1680.4 | 1638.9 | 1626.6 | 1591.3 | 1576.0 | 1566.7 |
| 12.5°  | 1746.5 | 1740.3 | 1715.7 | 1686.6 | 1619.0 | 1585.2 | 1525.3 | 1537.6 | 1502.2 | 1471.5 | 1466.9 |
| 15°    | 1678.9 | 1655.8 | 1642.0 | 1594.4 | 1513.0 | 1497.6 | 1450.0 | 1425.4 | 1393.2 | 1368.6 | 1368.6 |
| 17.5°  | 1612.8 | 1577.5 | 1546.8 | 1496.1 | 1436.2 | 1393.2 | 1357.8 | 1345.6 | 1305.6 | 1281.0 | 1276.4 |
| 20°    | 1525.3 | 1485.3 | 1477.7 | 1405.5 | 1364.0 | 1316.4 | 1282.6 | 1251.9 | 1222.7 | 1211.9 | 1204.2 |
| 22.5°  | 1442.3 | 1396.2 | 1384.0 | 1322.5 | 1281.0 | 1233.4 | 1199.6 | 1178.1 | 1156.6 | 1148.9 | 1135.1 |
| 25°    | 1353.2 | 1325.6 | 1307.2 | 1241.1 | 1195.0 | 1150.5 | 1127.4 | 1112.1 | 1092.1 | 1090.6 | 1081.4 |
| 27.5°  | 1267.2 | 1241.1 | 1222.7 | 1159.7 | 1125.9 | 1084.4 | 1066.0 | 1049.1 | 1038.4 | 1033.7 | 1029.1 |
| 30°    | 1193.5 | 1164.3 | 1142.8 | 1096.7 | 1055.2 | 1021.5 | 1006.1 | 995.3  | 989.2  | 981.5  | 980.0  |
| 32.5°  | 1112.1 | 1095.2 | 1066.0 | 1030.7 | 998.4  | 966.2  | 956.9  | 949.3  | 940.0  | 937.0  | 935.4  |
| 35°    | 1043.0 | 1019.9 | 1001.5 | 961.5  | 947.7  | 920.1  | 909.3  | 903.2  | 890.9  | 887.8  | 884.7  |
| 37.5°  | 975.4  | 953.9  | 933.9  | 909.3  | 883.2  | 867.9  | 861.7  | 852.5  | 846.3  | 847.9  | 844.8  |
| 40°    | 907.8  | 890.9  | 875.5  | 849.4  | 834.1  | 826.4  | 814.1  | 804.9  | 801.8  | 803.3  | 801.8  |
| 42.5°  | 841.7  | 826.4  | 817.2  | 797.2  | 781.8  | 774.2  | 766.5  | 757.3  | 761.9  | 761.9  | 766.5  |
| 45°    | 781.8  | 768.0  | 761.9  | 746.5  | 737.3  | 725.0  | 717.3  | 715.8  | 721.9  | 720.4  | 720.4  |
| 47.5°  | 720.4  | 715.8  | 708.1  | 694.3  | 682.0  | 674.3  | 672.8  | 672.8  | 678.9  | 682.0  | 680.5  |
| 50°    | 672.8  | 663.6  | 654.3  | 643.6  | 634.4  | 631.3  | 626.7  | 629.8  | 635.9  | 635.9  | 639.0  |
| 52.5°  | 612.9  | 606.7  | 603.7  | 594.4  | 588.3  | 588.3  | 588.3  | 589.8  | 594.4  | 599.0  | 597.5  |
| 55°    | 560.6  | 556.0  | 553.0  | 548.4  | 540.7  | 542.2  | 540.7  | 543.8  | 548.4  | 553.0  | 556.0  |
| 57.5°  | 505.4  | 503.8  | 500.7  | 493.1  | 493.1  | 491.5  | 496.1  | 497.7  | 505.4  | 508.4  | 513.0  |
| 60°    | 456.2  | 451.6  | 451.6  | 445.4  | 445.4  | 445.4  | 450.1  | 454.7  | 460.8  | 462.3  | 465.4  |
| 62.5°  | 404.0  | 404.0  | 402.4  | 397.8  | 397.8  | 402.4  | 404.0  | 410.1  | 413.2  | 413.2  | 417.8  |
| 65°    | 354.8  | 353.3  | 351.7  | 353.3  | 354.8  | 354.8  | 359.4  | 362.5  | 365.6  | 367.1  | 368.6  |
| 67.5°  | 305.7  | 304.1  | 307.2  | 305.7  | 308.7  | 314.9  | 313.3  | 318.0  | 322.6  | 322.6  | 324.1  |
| 70°    | 259.6  | 262.7  | 261.1  | 264.2  | 262.7  | 265.7  | 270.3  | 271.9  | 271.9  | 273.4  | 278.0  |
| 72.5°  | 216.6  | 216.6  | 216.6  | 215.0  | 216.6  | 219.7  | 222.7  | 224.3  | 227.3  | 228.9  | 233.5  |
| 75°    | 175.1  | 175.1  | 172.0  | 175.1  | 175.1  | 178.2  | 181.3  | 181.3  | 181.3  | 184.3  | 188.9  |
| 77.5°  | 132.1  | 133.6  | 132.1  | 135.2  | 135.2  | 136.7  | 139.8  | 138.2  | 141.3  | 142.9  | 144.4  |
| 80°    | 96.8   | 95.2   | 95.2   | 95.2   | 96.8   | 96.8   | 99.8   | 101.4  | 101.4  | 106.0  | 102.9  |
| 82.5°  | 61.4   | 63.0   | 61.4   | 63.0   | 63.0   | 64.5   | 63.0   | 64.5   | 66.0   | 69.1   | 67.6   |
| 85°    | 35.3   | 33.8   | 33.8   | 35.3   | 33.8   | 33.8   | 35.3   | 33.8   | 35.3   | 33.8   | 35.3   |
| 87.5°  | 13.8   | 12.3   | 12.3   | 12.3   | 12.3   | 10.8   | 10.8   | 9.2    | 9.2    | 9.2    | 7.7    |
| 90°    | 6.9    | 7.8    | 8.6    | 11.4   | 15.4   | 18.9   | 19.4   | 18.9   | 18.3   | 17.1   | 18.3   |
| 92.5°  | 24.0   | 27.2   | 30.3   | 45.7   | 67.4   | 86.8   | 88.0   | 73.7   | 57.7   | 49.1   | 42.9   |
| 95°    | 42.3   | 49.2   | 56.0   | 82.3   | 132.0  | 198.3  | 224.0  | 196.0  | 149.7  | 114.8  | 90.8   |
| 97.5°  | 57.1   | 64.8   | 72.6   | 106.3  | 175.4  | 282.3  | 365.1  | 368.0  | 306.3  | 244.5  | 186.8  |
| 100°   | 71.4   | 79.4   | 87.4   | 117.7  | 187.4  | 310.8  | 451.4  | 533.7  | 521.7  | 450.8  | 372.5  |
| 102.5° | 84.6   | 92.6   | 100.6  | 128.0  | 188.0  | 300.0  | 454.2  | 595.4  | 662.8  | 660.5  | 608.5  |
| 105°   | 97.1   | 105.1  | 113.1  | 140.0  | 190.8  | 285.1  | 423.4  | 575.4  | 694.2  | 758.8  | 766.2  |
| 107.5° | 109.7  | 117.7  | 125.7  | 152.0  | 197.1  | 277.1  | 394.8  | 533.1  | 660.5  | 756.5  | 812.5  |
| 110°   | 122.3  | 130.6  | 138.8  | 164.0  | 205.1  | 274.8  | 375.4  | 493.7  | 614.2  | 716.5  | 789.6  |

TEST NUMBER: P1008642

CATALOG NUMBER: S122DIP-B1005D530UB30-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 200°  | 202.5° | 205°  | 210°  | 215°  | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  |
|--------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 134.3 | 142.9  | 151.4 | 175.4 | 213.7 | 275.4 | 362.8 | 466.2 | 571.9 | 669.1 | 748.5 |
| 115°   | 147.4 | 155.1  | 162.8 | 187.4 | 222.3 | 277.7 | 354.2 | 444.5 | 538.8 | 626.8 | 701.6 |
| 117.5° | 159.4 | 167.4  | 175.4 | 198.3 | 231.4 | 281.1 | 349.7 | 429.7 | 511.4 | 590.2 | 659.9 |
| 120°   | 171.4 | 179.4  | 187.4 | 209.7 | 240.5 | 284.5 | 345.7 | 418.2 | 491.9 | 562.8 | 623.4 |
| 122.5° | 183.4 | 191.7  | 200.0 | 220.5 | 248.5 | 288.5 | 343.4 | 408.5 | 476.5 | 539.9 | 596.5 |
| 125°   | 194.8 | 202.8  | 210.8 | 231.4 | 257.1 | 292.5 | 340.5 | 399.4 | 461.7 | 520.5 | 570.8 |
| 127.5° | 205.1 | 213.4  | 221.7 | 241.7 | 265.1 | 296.5 | 338.8 | 390.8 | 446.8 | 501.1 | 549.1 |
| 130°   | 214.8 | 222.8  | 230.8 | 250.8 | 272.5 | 301.1 | 337.7 | 382.2 | 432.5 | 481.7 | 526.8 |
| 132.5° | 224.0 | 232.0  | 240.0 | 258.8 | 280.0 | 305.7 | 337.1 | 375.4 | 418.8 | 463.4 | 503.9 |
| 135°   | 232.0 | 240.0  | 248.0 | 266.3 | 286.3 | 309.1 | 336.5 | 369.1 | 406.2 | 444.0 | 481.7 |
| 137.5° | 239.4 | 246.8  | 254.3 | 272.5 | 291.4 | 312.5 | 336.5 | 364.5 | 396.0 | 428.5 | 459.4 |
| 140°   | 245.7 | 253.1  | 260.5 | 277.7 | 295.4 | 314.8 | 336.0 | 360.5 | 386.2 | 413.7 | 440.0 |
| 142.5° | 251.4 | 258.2  | 265.1 | 281.7 | 298.8 | 316.5 | 336.0 | 356.5 | 378.2 | 400.5 | 422.2 |
| 145°   | 257.7 | 264.0  | 270.3 | 285.7 | 301.7 | 317.7 | 334.8 | 353.1 | 370.8 | 389.7 | 407.4 |
| 147.5° | 262.8 | 268.6  | 274.3 | 289.1 | 303.4 | 318.3 | 333.1 | 349.7 | 365.1 | 380.5 | 394.8 |
| 150°   | 268.0 | 273.2  | 278.3 | 291.4 | 304.5 | 317.7 | 331.4 | 345.1 | 358.8 | 371.4 | 383.4 |
| 152.5° | 273.1 | 277.7  | 282.3 | 293.7 | 305.1 | 316.5 | 328.5 | 341.1 | 352.5 | 364.0 | 373.7 |
| 155°   | 277.7 | 282.0  | 286.3 | 296.0 | 305.7 | 315.4 | 325.1 | 336.0 | 346.8 | 356.0 | 364.5 |
| 157.5° | 281.7 | 285.4  | 289.1 | 297.7 | 305.7 | 313.1 | 321.7 | 331.4 | 340.0 | 348.0 | 355.4 |
| 160°   | 285.7 | 288.8  | 292.0 | 298.8 | 305.7 | 311.4 | 318.3 | 326.3 | 333.7 | 340.0 | 346.2 |
| 162.5° | 289.1 | 291.4  | 293.7 | 299.4 | 305.1 | 309.7 | 315.4 | 321.7 | 327.4 | 332.5 | 337.7 |
| 165°   | 291.4 | 293.1  | 294.8 | 300.0 | 304.0 | 307.4 | 311.4 | 316.5 | 321.1 | 325.1 | 329.1 |
| 167.5° | 293.7 | 294.8  | 296.0 | 300.0 | 303.4 | 305.1 | 308.0 | 311.4 | 314.8 | 318.3 | 321.1 |
| 170°   | 294.8 | 295.6  | 296.5 | 299.4 | 302.3 | 303.4 | 305.1 | 307.4 | 310.3 | 312.0 | 314.3 |
| 172.5° | 296.0 | 296.6  | 297.1 | 298.8 | 300.5 | 301.1 | 301.7 | 303.4 | 305.1 | 306.3 | 308.0 |
| 175°   | 296.5 | 296.8  | 297.1 | 298.3 | 299.4 | 298.8 | 299.4 | 300.0 | 301.7 | 302.3 | 302.8 |
| 177.5° | 297.1 | 297.1  | 297.1 | 297.7 | 298.8 | 297.7 | 297.1 | 297.7 | 298.8 | 298.8 | 299.4 |
| 180°   | 297.1 | 297.1  | 297.1 | 297.1 | 297.1 | 297.1 | 297.1 | 297.1 | 297.1 | 297.1 | 297.1 |



TEST NUMBER: P1008642

CATALOG NUMBER: S122DIP-B1005D530UB30-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1998.4 | 1998.4 | 1998.4 | 1998.4 | 1998.4 | 1998.4 | 1998.4 | 1998.4 | 1998.4 | 1998.4 | 1998.4 |
| 2.5°   | 1904.7 | 1909.3 | 1898.5 | 1895.5 | 1898.5 | 1887.8 | 1890.8 | 1893.9 | 1893.9 | 1898.5 | 1901.6 |
| 5°     | 1794.1 | 1787.9 | 1777.2 | 1774.1 | 1771.0 | 1775.6 | 1772.6 | 1777.2 | 1778.7 | 1789.5 | 1791.0 |
| 7.5°   | 1685.0 | 1675.8 | 1666.6 | 1657.4 | 1654.3 | 1646.6 | 1654.3 | 1654.3 | 1665.0 | 1662.0 | 1669.7 |
| 10°    | 1556.0 | 1554.5 | 1542.2 | 1537.6 | 1531.4 | 1519.1 | 1536.0 | 1531.4 | 1539.1 | 1552.9 | 1556.0 |
| 12.5°  | 1460.8 | 1443.9 | 1451.5 | 1430.0 | 1437.7 | 1425.4 | 1427.0 | 1427.0 | 1439.3 | 1440.8 | 1437.7 |
| 15°    | 1370.1 | 1356.3 | 1336.3 | 1327.1 | 1322.5 | 1316.4 | 1336.3 | 1337.9 | 1328.7 | 1350.2 | 1342.5 |
| 17.5°  | 1278.0 | 1278.0 | 1259.5 | 1254.9 | 1242.6 | 1248.8 | 1245.7 | 1247.2 | 1244.2 | 1259.5 | 1267.2 |
| 20°    | 1198.1 | 1190.4 | 1184.3 | 1185.8 | 1170.4 | 1167.4 | 1164.3 | 1167.4 | 1178.1 | 1188.9 | 1192.0 |
| 22.5°  | 1133.6 | 1129.0 | 1113.6 | 1116.7 | 1104.4 | 1109.0 | 1105.9 | 1113.6 | 1115.2 | 1115.2 | 1125.9 |
| 25°    | 1072.1 | 1066.0 | 1067.5 | 1061.4 | 1056.8 | 1056.8 | 1052.2 | 1056.8 | 1062.9 | 1066.0 | 1067.5 |
| 27.5°  | 1026.1 | 1021.5 | 1013.8 | 1009.2 | 1012.2 | 1004.6 | 1010.7 | 1015.3 | 1015.3 | 1012.2 | 1015.3 |
| 30°    | 970.8  | 973.8  | 973.8  | 958.5  | 964.6  | 961.5  | 966.2  | 969.2  | 969.2  | 970.8  | 967.7  |
| 32.5°  | 933.9  | 924.7  | 923.1  | 921.6  | 921.6  | 915.5  | 915.5  | 920.1  | 921.6  | 923.1  | 927.8  |
| 35°    | 884.7  | 884.7  | 877.1  | 881.7  | 875.5  | 877.1  | 875.5  | 877.1  | 880.1  | 875.5  | 880.1  |
| 37.5°  | 840.2  | 841.7  | 838.7  | 841.7  | 843.3  | 840.2  | 837.1  | 843.3  | 840.2  | 840.2  | 837.1  |
| 40°    | 801.8  | 800.3  | 801.8  | 801.8  | 801.8  | 803.3  | 800.3  | 800.3  | 800.3  | 797.2  | 794.1  |
| 42.5°  | 769.5  | 760.3  | 763.4  | 764.9  | 760.3  | 760.3  | 761.9  | 760.3  | 764.9  | 755.7  | 755.7  |
| 45°    | 723.5  | 720.4  | 721.9  | 721.9  | 725.0  | 720.4  | 723.5  | 725.0  | 720.4  | 718.9  | 715.8  |
| 47.5°  | 682.0  | 685.1  | 682.0  | 685.1  | 685.1  | 688.1  | 682.0  | 683.5  | 685.1  | 678.9  | 674.3  |
| 50°    | 640.5  | 640.5  | 645.1  | 643.6  | 645.1  | 642.1  | 642.1  | 640.5  | 642.1  | 639.0  | 634.4  |
| 52.5°  | 602.1  | 597.5  | 605.2  | 603.7  | 602.1  | 600.6  | 599.0  | 600.6  | 597.5  | 594.4  | 594.4  |
| 55°    | 554.5  | 554.5  | 559.1  | 560.6  | 560.6  | 557.6  | 554.5  | 556.0  | 554.5  | 553.0  | 551.4  |
| 57.5°  | 516.1  | 510.0  | 513.0  | 514.6  | 514.6  | 510.0  | 513.0  | 510.0  | 510.0  | 511.5  | 506.9  |
| 60°    | 467.0  | 467.0  | 463.9  | 468.5  | 468.5  | 465.4  | 465.4  | 467.0  | 463.9  | 462.3  | 460.8  |
| 62.5°  | 414.7  | 416.3  | 420.9  | 422.4  | 423.9  | 420.9  | 417.8  | 419.3  | 419.3  | 414.7  | 416.3  |
| 65°    | 370.2  | 373.3  | 379.4  | 377.9  | 374.8  | 376.3  | 373.3  | 374.8  | 370.2  | 371.7  | 367.1  |
| 67.5°  | 327.2  | 325.6  | 327.2  | 327.2  | 330.2  | 328.7  | 325.6  | 325.6  | 324.1  | 328.7  | 324.1  |
| 70°    | 281.1  | 281.1  | 281.1  | 281.1  | 282.6  | 284.2  | 281.1  | 278.0  | 279.6  | 276.5  | 274.9  |
| 72.5°  | 233.5  | 235.0  | 233.5  | 236.5  | 231.9  | 235.0  | 235.0  | 233.5  | 231.9  | 231.9  | 231.9  |
| 75°    | 188.9  | 192.0  | 187.4  | 188.9  | 187.4  | 190.5  | 188.9  | 188.9  | 185.9  | 184.3  | 185.9  |
| 77.5°  | 144.4  | 145.9  | 142.9  | 144.4  | 142.9  | 144.4  | 144.4  | 142.9  | 142.9  | 142.9  | 142.9  |
| 80°    | 102.9  | 104.4  | 102.9  | 101.4  | 99.8   | 102.9  | 99.8   | 101.4  | 102.9  | 101.4  | 104.4  |
| 82.5°  | 66.0   | 66.0   | 64.5   | 66.0   | 63.0   | 63.0   | 64.5   | 64.5   | 63.0   | 66.0   | 63.0   |
| 85°    | 32.3   | 32.3   | 35.3   | 32.3   | 30.7   | 30.7   | 30.7   | 32.3   | 30.7   | 33.8   | 32.3   |
| 87.5°  | 7.7    | 6.1    | 7.7    | 7.7    | 6.1    | 6.1    | 7.7    | 6.1    | 7.7    | 9.2    | 6.1    |
| 90°    | 18.6   | 18.9   | 18.9   | 18.9   | 18.9   | 18.9   | 18.9   | 18.9   | 18.9   | 18.9   | 18.6   |
| 92.5°  | 40.6   | 38.3   | 37.7   | 35.4   | 36.0   | 34.9   | 36.0   | 35.4   | 37.7   | 38.3   | 40.6   |
| 95°    | 84.6   | 78.3   | 70.8   | 66.3   | 64.6   | 65.1   | 64.6   | 66.3   | 70.8   | 78.3   | 84.6   |
| 97.5°  | 169.7  | 152.6  | 130.3  | 118.8  | 112.6  | 109.1  | 112.6  | 118.8  | 130.3  | 152.6  | 169.7  |
| 100°   | 338.0  | 303.4  | 256.0  | 231.4  | 214.8  | 204.5  | 214.8  | 231.4  | 256.0  | 303.4  | 338.0  |
| 102.5° | 571.4  | 534.2  | 481.7  | 435.4  | 413.7  | 398.8  | 413.7  | 435.4  | 481.7  | 534.2  | 571.4  |
| 105°   | 756.8  | 747.3  | 711.9  | 676.5  | 651.9  | 643.9  | 651.9  | 676.5  | 711.9  | 747.3  | 756.8  |
| 107.5° | 823.9  | 835.3  | 834.8  | 829.6  | 822.2  | 809.1  | 822.2  | 829.6  | 834.8  | 835.3  | 823.9  |
| 110°   | 813.0  | 836.5  | 861.1  | 871.9  | 877.0  | 876.5  | 877.0  | 871.9  | 861.1  | 836.5  | 813.0  |



TEST NUMBER: P1008642

CATALOG NUMBER: S122DIP-B1005D530UB30-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°  | 255°  | 260°  | 265°  | 270°  | 275°  | 280°  | 285°  | 290°  | 292.5° |
|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 112.5° | 776.2  | 803.9 | 840.5 | 860.5 | 871.3 | 875.3 | 871.3 | 860.5 | 840.5 | 803.9 | 776.2  |
| 115°   | 731.0  | 760.5 | 801.1 | 827.3 | 842.2 | 847.3 | 842.2 | 827.3 | 801.1 | 760.5 | 731.0  |
| 117.5° | 687.9  | 715.9 | 757.6 | 785.6 | 801.1 | 805.1 | 801.1 | 785.6 | 757.6 | 715.9 | 687.9  |
| 120°   | 649.4  | 675.4 | 715.4 | 742.2 | 758.8 | 764.5 | 758.8 | 742.2 | 715.4 | 675.4 | 649.4  |
| 122.5° | 619.4  | 642.2 | 677.1 | 703.4 | 717.6 | 722.2 | 717.6 | 703.4 | 677.1 | 642.2 | 619.4  |
| 125°   | 592.2  | 613.6 | 646.8 | 668.5 | 682.8 | 687.4 | 682.8 | 668.5 | 646.8 | 613.6 | 592.2  |
| 127.5° | 569.1  | 589.1 | 618.2 | 638.8 | 651.4 | 654.8 | 651.4 | 638.8 | 618.2 | 589.1 | 569.1  |
| 130°   | 545.6  | 564.5 | 592.5 | 611.9 | 623.4 | 627.9 | 623.4 | 611.9 | 592.5 | 564.5 | 545.6  |
| 132.5° | 521.3  | 538.8 | 566.2 | 585.7 | 595.9 | 599.9 | 595.9 | 585.7 | 566.2 | 538.8 | 521.3  |
| 135°   | 497.7  | 513.7 | 538.2 | 557.1 | 567.4 | 569.7 | 567.4 | 557.1 | 538.2 | 513.7 | 497.7  |
| 137.5° | 473.6  | 487.9 | 511.4 | 527.9 | 537.1 | 540.5 | 537.1 | 527.9 | 511.4 | 487.9 | 473.6  |
| 140°   | 452.6  | 465.1 | 483.4 | 498.2 | 506.8 | 510.2 | 506.8 | 498.2 | 483.4 | 465.1 | 452.6  |
| 142.5° | 432.2  | 442.2 | 459.4 | 472.5 | 479.9 | 479.9 | 479.9 | 472.5 | 459.4 | 442.2 | 432.2  |
| 145°   | 415.7  | 424.0 | 437.7 | 447.4 | 453.1 | 454.8 | 453.1 | 447.4 | 437.7 | 424.0 | 415.7  |
| 147.5° | 401.1  | 407.4 | 419.4 | 427.4 | 431.4 | 432.5 | 431.4 | 427.4 | 419.4 | 407.4 | 401.1  |
| 150°   | 388.5  | 393.7 | 402.2 | 409.1 | 412.5 | 413.1 | 412.5 | 409.1 | 402.2 | 393.7 | 388.5  |
| 152.5° | 378.0  | 382.2 | 388.5 | 394.2 | 396.5 | 396.5 | 396.5 | 394.2 | 388.5 | 382.2 | 378.0  |
| 155°   | 367.6  | 370.8 | 377.1 | 381.1 | 383.4 | 382.2 | 383.4 | 381.1 | 377.1 | 370.8 | 367.6  |
| 157.5° | 358.0  | 360.5 | 365.1 | 368.5 | 369.7 | 369.7 | 369.7 | 368.5 | 365.1 | 360.5 | 358.0  |
| 160°   | 348.2  | 350.2 | 354.2 | 357.1 | 357.7 | 357.7 | 357.7 | 357.1 | 354.2 | 350.2 | 348.2  |
| 162.5° | 339.1  | 340.5 | 344.5 | 346.2 | 346.8 | 346.2 | 346.8 | 346.2 | 344.5 | 340.5 | 339.1  |
| 165°   | 330.2  | 331.4 | 333.7 | 336.0 | 336.0 | 335.4 | 336.0 | 336.0 | 333.7 | 331.4 | 330.2  |
| 167.5° | 322.2  | 323.4 | 324.5 | 325.7 | 325.7 | 325.1 | 325.7 | 325.7 | 324.5 | 323.4 | 322.2  |
| 170°   | 314.8  | 315.4 | 316.0 | 317.7 | 317.1 | 316.0 | 317.1 | 317.7 | 316.0 | 315.4 | 314.8  |
| 172.5° | 308.2  | 308.5 | 309.1 | 309.7 | 309.1 | 308.5 | 309.1 | 309.7 | 309.1 | 308.5 | 308.2  |
| 175°   | 303.1  | 303.4 | 303.4 | 304.0 | 303.4 | 302.3 | 303.4 | 304.0 | 303.4 | 303.4 | 303.1  |
| 177.5° | 299.4  | 299.4 | 299.4 | 299.4 | 298.8 | 297.7 | 298.8 | 299.4 | 299.4 | 299.4 | 299.4  |
| 180°   | 297.1  | 297.1 | 297.1 | 297.1 | 297.1 | 297.1 | 297.1 | 297.1 | 297.1 | 297.1 | 297.1  |

TEST NUMBER: P1008642

CATALOG NUMBER: S122DIP-B1005D530UB30-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 337.5° | 340°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1998.4 | 1998.4 | 1998.4 | 1998.4 | 1998.4 | 1998.4 | 1998.4 | 1998.4 | 1998.4 | 1998.4 | 1998.4 |
| 2.5°   | 1897.0 | 1909.3 | 1904.7 | 1887.8 | 1907.7 | 1907.7 | 1921.6 | 1921.6 | 1938.5 | 1944.6 | 1953.8 |
| 5°     | 1789.5 | 1798.7 | 1806.4 | 1798.7 | 1812.5 | 1834.0 | 1846.3 | 1857.1 | 1880.1 | 1889.3 | 1903.1 |
| 7.5°   | 1674.3 | 1691.2 | 1698.8 | 1698.8 | 1721.9 | 1746.5 | 1771.0 | 1786.4 | 1818.6 | 1830.9 | 1844.8 |
| 10°    | 1562.1 | 1582.1 | 1597.5 | 1595.9 | 1634.3 | 1649.7 | 1680.4 | 1715.7 | 1748.0 | 1766.4 | 1786.4 |
| 12.5°  | 1443.9 | 1454.6 | 1476.1 | 1506.8 | 1516.1 | 1543.7 | 1579.0 | 1623.6 | 1681.9 | 1698.8 | 1728.0 |
| 15°    | 1345.6 | 1374.7 | 1391.6 | 1405.5 | 1427.0 | 1453.1 | 1491.5 | 1534.5 | 1592.9 | 1629.7 | 1660.4 |
| 17.5°  | 1262.6 | 1301.0 | 1311.8 | 1308.7 | 1336.3 | 1376.3 | 1420.8 | 1453.1 | 1505.3 | 1549.8 | 1579.0 |
| 20°    | 1195.0 | 1210.4 | 1228.8 | 1236.5 | 1258.0 | 1301.0 | 1344.0 | 1380.9 | 1423.9 | 1459.2 | 1493.0 |
| 22.5°  | 1127.4 | 1139.7 | 1155.1 | 1168.9 | 1185.8 | 1210.4 | 1251.9 | 1297.9 | 1339.4 | 1373.2 | 1411.6 |
| 25°    | 1072.1 | 1079.8 | 1093.6 | 1104.4 | 1122.8 | 1139.7 | 1168.9 | 1219.6 | 1268.8 | 1288.7 | 1322.5 |
| 27.5°  | 1018.4 | 1024.5 | 1033.7 | 1046.0 | 1055.2 | 1072.1 | 1098.3 | 1139.7 | 1190.4 | 1210.4 | 1256.5 |
| 30°    | 970.8  | 975.4  | 984.6  | 990.7  | 995.3  | 1015.3 | 1035.3 | 1067.5 | 1105.9 | 1133.6 | 1167.4 |
| 32.5°  | 926.2  | 930.8  | 940.0  | 941.6  | 947.7  | 958.5  | 976.9  | 1006.1 | 1039.9 | 1062.9 | 1092.1 |
| 35°    | 877.1  | 880.1  | 889.4  | 892.4  | 897.0  | 906.3  | 920.1  | 941.6  | 972.3  | 989.2  | 1015.3 |
| 37.5°  | 838.7  | 837.1  | 843.3  | 847.9  | 854.0  | 858.6  | 863.2  | 884.7  | 907.8  | 923.1  | 943.1  |
| 40°    | 797.2  | 794.1  | 795.7  | 801.8  | 804.9  | 811.0  | 811.0  | 832.5  | 847.9  | 860.2  | 875.5  |
| 42.5°  | 755.7  | 754.2  | 751.1  | 754.2  | 757.3  | 758.8  | 760.3  | 775.7  | 791.1  | 801.8  | 818.7  |
| 45°    | 714.3  | 712.7  | 709.6  | 711.2  | 711.2  | 714.3  | 718.9  | 725.0  | 735.8  | 745.0  | 754.2  |
| 47.5°  | 675.8  | 672.8  | 668.2  | 666.6  | 669.7  | 669.7  | 669.7  | 675.8  | 686.6  | 689.7  | 698.9  |
| 50°    | 635.9  | 631.3  | 625.2  | 622.1  | 622.1  | 620.6  | 623.6  | 625.2  | 634.4  | 637.4  | 645.1  |
| 52.5°  | 592.9  | 589.8  | 583.7  | 577.5  | 579.1  | 576.0  | 577.5  | 579.1  | 582.2  | 586.8  | 591.4  |
| 55°    | 549.9  | 543.8  | 539.1  | 537.6  | 533.0  | 533.0  | 528.4  | 534.5  | 533.0  | 534.5  | 540.7  |
| 57.5°  | 508.4  | 502.3  | 494.6  | 491.5  | 486.9  | 485.4  | 482.3  | 480.8  | 482.3  | 486.9  | 491.5  |
| 60°    | 459.3  | 456.2  | 451.6  | 447.0  | 443.9  | 439.3  | 436.2  | 436.2  | 434.7  | 434.7  | 436.2  |
| 62.5°  | 411.7  | 410.1  | 404.0  | 402.4  | 399.4  | 396.3  | 391.7  | 388.6  | 388.6  | 391.7  | 393.2  |
| 65°    | 365.6  | 364.0  | 359.4  | 357.9  | 350.2  | 347.1  | 345.6  | 344.1  | 341.0  | 341.0  | 341.0  |
| 67.5°  | 322.6  | 318.0  | 318.0  | 310.3  | 304.1  | 301.1  | 298.0  | 296.5  | 296.5  | 296.5  | 298.0  |
| 70°    | 274.9  | 274.9  | 270.3  | 265.7  | 259.6  | 261.1  | 256.5  | 251.9  | 251.9  | 248.8  | 250.4  |
| 72.5°  | 228.9  | 227.3  | 222.7  | 221.2  | 216.6  | 212.0  | 208.9  | 212.0  | 207.4  | 205.8  | 207.4  |
| 75°    | 184.3  | 182.8  | 179.7  | 176.6  | 178.2  | 173.6  | 169.0  | 167.4  | 167.4  | 164.4  | 164.4  |
| 77.5°  | 141.3  | 144.4  | 138.2  | 136.7  | 133.6  | 130.6  | 129.0  | 127.5  | 127.5  | 127.5  | 130.6  |
| 80°    | 98.3   | 99.8   | 99.8   | 96.8   | 98.3   | 93.7   | 93.7   | 93.7   | 89.1   | 90.6   | 92.2   |
| 82.5°  | 63.0   | 63.0   | 61.4   | 63.0   | 61.4   | 61.4   | 59.9   | 59.9   | 58.4   | 58.4   | 59.9   |
| 85°    | 35.3   | 33.8   | 32.3   | 35.3   | 33.8   | 33.8   | 32.3   | 32.3   | 32.3   | 32.3   | 32.3   |
| 87.5°  | 7.7    | 9.2    | 9.2    | 9.2    | 9.2    | 10.8   | 10.8   | 10.8   | 12.3   | 12.3   | 12.3   |
| 90°    | 18.3   | 17.1   | 18.3   | 18.9   | 19.4   | 18.9   | 15.4   | 11.4   | 8.6    | 7.8    | 6.9    |
| 92.5°  | 42.9   | 49.1   | 57.7   | 73.7   | 88.0   | 86.8   | 67.4   | 45.7   | 30.3   | 27.2   | 24.0   |
| 95°    | 90.8   | 114.8  | 149.7  | 196.0  | 224.0  | 198.3  | 132.0  | 82.3   | 56.0   | 49.2   | 42.3   |
| 97.5°  | 186.8  | 244.5  | 306.3  | 368.0  | 365.1  | 282.3  | 175.4  | 106.3  | 72.6   | 64.8   | 57.1   |
| 100°   | 372.5  | 450.8  | 521.7  | 533.7  | 451.4  | 310.8  | 187.4  | 117.7  | 87.4   | 79.4   | 71.4   |
| 102.5° | 608.5  | 660.5  | 662.8  | 595.4  | 454.2  | 300.0  | 188.0  | 128.0  | 100.6  | 92.6   | 84.6   |
| 105°   | 766.2  | 758.8  | 694.2  | 575.4  | 423.4  | 285.1  | 190.8  | 140.0  | 113.1  | 105.1  | 97.1   |
| 107.5° | 812.5  | 756.5  | 660.5  | 533.1  | 394.8  | 277.1  | 197.1  | 152.0  | 125.7  | 117.7  | 109.7  |
| 110°   | 789.6  | 716.5  | 614.2  | 493.7  | 375.4  | 274.8  | 205.1  | 164.0  | 138.8  | 130.6  | 122.3  |

TEST NUMBER: P1008642

CATALOG NUMBER: S122DIP-B1005D530UB30-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  | 330°  | 335°  | 337.5° | 340°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 112.5° | 748.5 | 669.1 | 571.9 | 466.2 | 362.8 | 275.4 | 213.7 | 175.4 | 151.4 | 142.9  | 134.3 |
| 115°   | 701.6 | 626.8 | 538.8 | 444.5 | 354.2 | 277.7 | 222.3 | 187.4 | 162.8 | 155.1  | 147.4 |
| 117.5° | 659.9 | 590.2 | 511.4 | 429.7 | 349.7 | 281.1 | 231.4 | 198.3 | 175.4 | 167.4  | 159.4 |
| 120°   | 623.4 | 562.8 | 491.9 | 418.2 | 345.7 | 284.5 | 240.5 | 209.7 | 187.4 | 179.4  | 171.4 |
| 122.5° | 596.5 | 539.9 | 476.5 | 408.5 | 343.4 | 288.5 | 248.5 | 220.5 | 200.0 | 191.7  | 183.4 |
| 125°   | 570.8 | 520.5 | 461.7 | 399.4 | 340.5 | 292.5 | 257.1 | 231.4 | 210.8 | 202.8  | 194.8 |
| 127.5° | 549.1 | 501.1 | 446.8 | 390.8 | 338.8 | 296.5 | 265.1 | 241.7 | 221.7 | 213.4  | 205.1 |
| 130°   | 526.8 | 481.7 | 432.5 | 382.2 | 337.7 | 301.1 | 272.5 | 250.8 | 230.8 | 222.8  | 214.8 |
| 132.5° | 503.9 | 463.4 | 418.8 | 375.4 | 337.1 | 305.7 | 280.0 | 258.8 | 240.0 | 232.0  | 224.0 |
| 135°   | 481.7 | 444.0 | 406.2 | 369.1 | 336.5 | 309.1 | 286.3 | 266.3 | 248.0 | 240.0  | 232.0 |
| 137.5° | 459.4 | 428.5 | 396.0 | 364.5 | 336.5 | 312.5 | 291.4 | 272.5 | 254.3 | 246.8  | 239.4 |
| 140°   | 440.0 | 413.7 | 386.2 | 360.5 | 336.0 | 314.8 | 295.4 | 277.7 | 260.5 | 253.1  | 245.7 |
| 142.5° | 422.2 | 400.5 | 378.2 | 356.5 | 336.0 | 316.5 | 298.8 | 281.7 | 265.1 | 258.2  | 251.4 |
| 145°   | 407.4 | 389.7 | 370.8 | 353.1 | 334.8 | 317.7 | 301.7 | 285.7 | 270.3 | 264.0  | 257.7 |
| 147.5° | 394.8 | 380.5 | 365.1 | 349.7 | 333.1 | 318.3 | 303.4 | 289.1 | 274.3 | 268.6  | 262.8 |
| 150°   | 383.4 | 371.4 | 358.8 | 345.1 | 331.4 | 317.7 | 304.5 | 291.4 | 278.3 | 273.2  | 268.0 |
| 152.5° | 373.7 | 364.0 | 352.5 | 341.1 | 328.5 | 316.5 | 305.1 | 293.7 | 282.3 | 277.7  | 273.1 |
| 155°   | 364.5 | 356.0 | 346.8 | 336.0 | 325.1 | 315.4 | 305.7 | 296.0 | 286.3 | 282.0  | 277.7 |
| 157.5° | 355.4 | 348.0 | 340.0 | 331.4 | 321.7 | 313.1 | 305.7 | 297.7 | 289.1 | 285.4  | 281.7 |
| 160°   | 346.2 | 340.0 | 333.7 | 326.3 | 318.3 | 311.4 | 305.7 | 298.8 | 292.0 | 288.8  | 285.7 |
| 162.5° | 337.7 | 332.5 | 327.4 | 321.7 | 315.4 | 309.7 | 305.1 | 299.4 | 293.7 | 291.4  | 289.1 |
| 165°   | 329.1 | 325.1 | 321.1 | 316.5 | 311.4 | 307.4 | 304.0 | 300.0 | 294.8 | 293.1  | 291.4 |
| 167.5° | 321.1 | 318.3 | 314.8 | 311.4 | 308.0 | 305.1 | 303.4 | 300.0 | 296.0 | 294.8  | 293.7 |
| 170°   | 314.3 | 312.0 | 310.3 | 307.4 | 305.1 | 303.4 | 302.3 | 299.4 | 296.5 | 295.6  | 294.8 |
| 172.5° | 308.0 | 306.3 | 305.1 | 303.4 | 301.7 | 301.1 | 300.5 | 298.8 | 297.1 | 296.6  | 296.0 |
| 175°   | 302.8 | 302.3 | 301.7 | 300.0 | 299.4 | 298.8 | 299.4 | 298.3 | 297.1 | 296.8  | 296.5 |
| 177.5° | 299.4 | 298.8 | 298.8 | 297.7 | 297.1 | 297.7 | 298.8 | 297.7 | 297.1 | 297.1  | 297.1 |
| 180°   | 297.1 | 297.1 | 297.1 | 297.1 | 297.1 | 297.1 | 297.1 | 297.1 | 297.1 | 297.1  | 297.1 |

TEST NUMBER: P1008642

CATALOG NUMBER: S122DIP-B1005D530UB30-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|
| 0°     | 1998.4 | 1998.4 | 1998.4 | 1998.4 |
| 2.5°   | 1961.5 | 1961.5 | 1984.5 | 2009.1 |
| 5°     | 1918.5 | 1929.2 | 1966.1 | 1999.9 |
| 7.5°   | 1877.0 | 1895.5 | 1941.5 | 1984.5 |
| 10°    | 1826.3 | 1850.9 | 1907.7 | 1958.4 |
| 12.5°  | 1777.2 | 1800.2 | 1866.3 | 1923.1 |
| 15°    | 1708.1 | 1737.2 | 1807.9 | 1878.6 |
| 17.5°  | 1638.9 | 1668.1 | 1754.1 | 1837.1 |
| 20°    | 1557.5 | 1595.9 | 1692.7 | 1803.3 |
| 22.5°  | 1482.3 | 1529.9 | 1637.4 | 1726.5 |
| 25°    | 1399.3 | 1473.0 | 1572.9 | 1688.1 |
| 27.5°  | 1325.6 | 1399.3 | 1500.7 | 1617.4 |
| 30°    | 1242.6 | 1317.9 | 1422.4 | 1529.9 |
| 32.5°  | 1162.8 | 1231.9 | 1333.3 | 1465.4 |
| 35°    | 1079.8 | 1145.9 | 1244.2 | 1377.8 |
| 37.5°  | 1004.6 | 1069.1 | 1176.6 | 1299.5 |
| 40°    | 930.8  | 998.4  | 1090.6 | 1213.5 |
| 42.5°  | 861.7  | 921.6  | 1004.6 | 1127.4 |
| 45°    | 798.7  | 841.7  | 918.5  | 1033.7 |
| 47.5°  | 732.7  | 771.1  | 841.7  | 956.9  |
| 50°    | 671.2  | 703.5  | 764.9  | 872.5  |
| 52.5°  | 611.3  | 639.0  | 695.8  | 781.8  |
| 55°    | 557.6  | 583.7  | 625.2  | 709.6  |
| 57.5°  | 502.3  | 522.2  | 562.2  | 629.8  |
| 60°    | 448.5  | 467.0  | 499.2  | 554.5  |
| 62.5°  | 394.8  | 410.1  | 440.8  | 485.4  |
| 65°    | 347.1  | 359.4  | 382.5  | 420.9  |
| 67.5°  | 301.1  | 308.7  | 327.2  | 357.9  |
| 70°    | 256.5  | 262.7  | 278.0  | 302.6  |
| 72.5°  | 208.9  | 215.0  | 231.9  | 248.8  |
| 75°    | 169.0  | 170.5  | 182.8  | 196.6  |
| 77.5°  | 132.1  | 130.6  | 139.8  | 150.5  |
| 80°    | 90.6   | 95.2   | 102.9  | 107.5  |
| 82.5°  | 61.4   | 63.0   | 66.0   | 69.1   |
| 85°    | 33.8   | 35.3   | 35.3   | 39.9   |
| 87.5°  | 13.8   | 15.4   | 15.4   | 16.9   |
| 90°    | 5.7    | 4.6    | 2.3    | 0.6    |
| 92.5°  | 19.4   | 16.6   | 12.0   | 8.6    |
| 95°    | 33.1   | 28.0   | 22.3   | 20.0   |
| 97.5°  | 46.9   | 39.4   | 33.1   | 29.7   |
| 100°   | 60.0   | 50.9   | 45.7   | 44.0   |
| 102.5° | 72.6   | 63.4   | 58.3   | 57.1   |
| 105°   | 84.6   | 76.0   | 72.0   | 69.7   |
| 107.5° | 97.1   | 89.1   | 85.1   | 83.4   |
| 110°   | 110.3  | 102.8  | 99.4   | 97.1   |

TEST NUMBER: P1008642

CATALOG NUMBER: S122DIP-B1005D530UB30-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|
| 112.5° | 122.8 | 116.0 | 112.0 | 109.7 |
| 115°   | 136.0 | 129.1 | 125.7 | 122.8 |
| 117.5° | 148.6 | 142.3 | 138.8 | 136.6 |
| 120°   | 160.0 | 154.8 | 151.4 | 149.1 |
| 122.5° | 172.0 | 166.3 | 162.8 | 161.1 |
| 125°   | 183.4 | 176.6 | 173.1 | 171.4 |
| 127.5° | 194.3 | 186.8 | 182.3 | 180.0 |
| 130°   | 203.4 | 195.4 | 189.7 | 187.4 |
| 132.5° | 212.0 | 203.4 | 197.1 | 194.3 |
| 135°   | 218.8 | 210.3 | 203.4 | 201.1 |
| 137.5° | 226.3 | 217.1 | 210.3 | 207.4 |
| 140°   | 233.1 | 224.0 | 217.1 | 214.8 |
| 142.5° | 239.4 | 230.3 | 224.0 | 222.3 |
| 145°   | 246.3 | 237.7 | 232.0 | 229.7 |
| 147.5° | 253.1 | 245.1 | 239.4 | 237.7 |
| 150°   | 259.4 | 252.0 | 247.4 | 245.7 |
| 152.5° | 265.1 | 258.8 | 254.3 | 253.7 |
| 155°   | 271.4 | 265.1 | 261.7 | 261.1 |
| 157.5° | 276.5 | 270.8 | 268.0 | 267.4 |
| 160°   | 281.1 | 276.5 | 274.3 | 273.7 |
| 162.5° | 285.1 | 281.7 | 279.4 | 280.0 |
| 165°   | 288.5 | 285.1 | 284.0 | 284.5 |
| 167.5° | 291.4 | 289.1 | 288.0 | 288.5 |
| 170°   | 293.7 | 292.0 | 291.4 | 292.5 |
| 172.5° | 295.4 | 293.7 | 294.3 | 294.8 |
| 175°   | 296.5 | 295.4 | 296.0 | 296.5 |
| 177.5° | 297.1 | 296.0 | 296.5 | 297.7 |
| 180°   | 297.1 | 297.1 | 297.1 | 297.1 |

(END OF REPORT)