

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: P1008687

Luminaire Tested: S122DIP-B1005D725UB30-4F0-XX-W2A-A4

Issue Date: 5/7/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P1008687  
REPORT IS A COMBINATION OF REPORTS P983724 AND P1007351  
Test Lab: INNOVATION CENTER  
Issue Date: 5/7/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: S122DIP-B1005D725UB30-4F0-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**

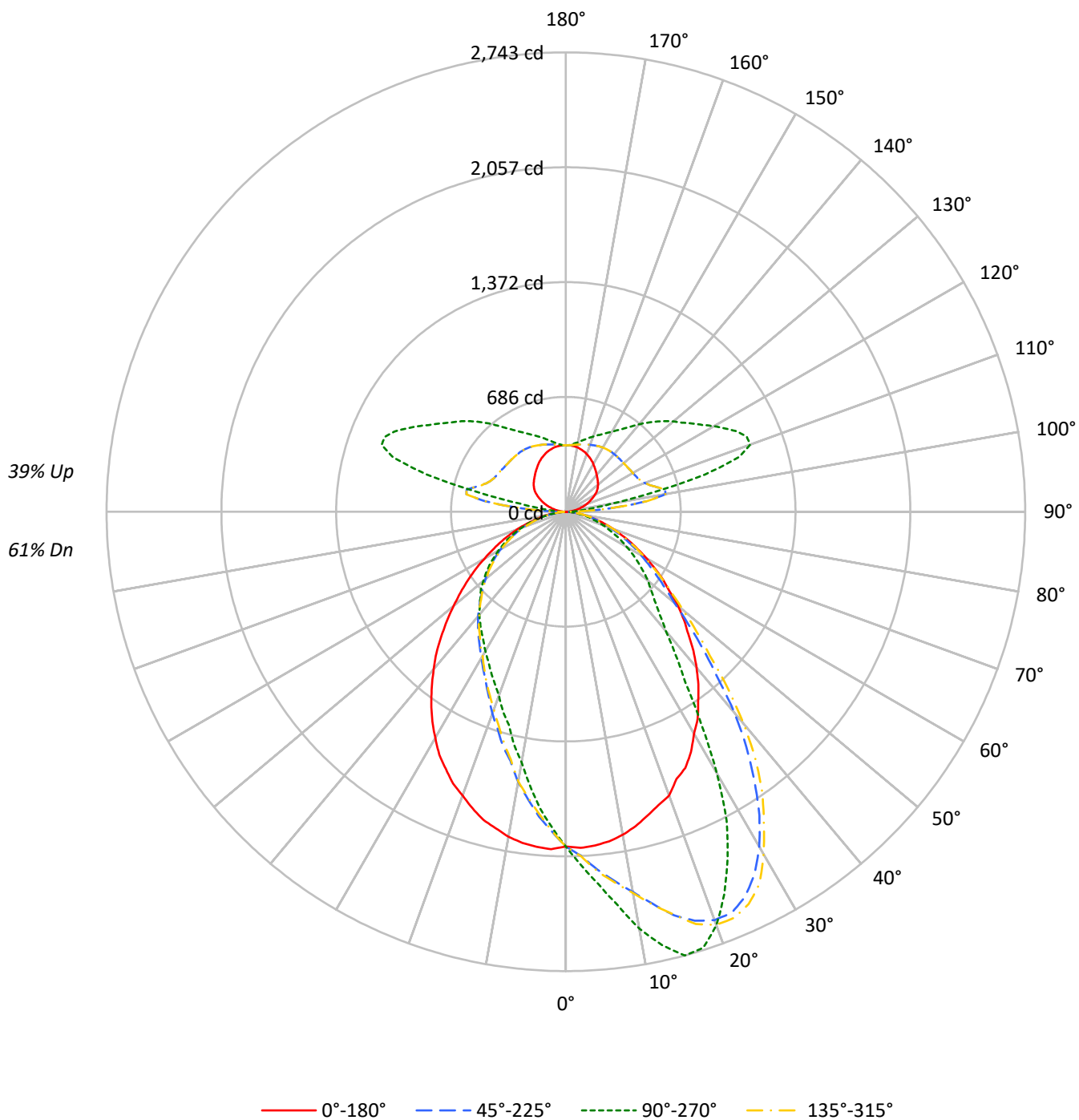
Lumens per Lamp: N/A  
Luminaire Lumens: 7176.0 lumens  
Efficiency: N/A  
Efficacy: 87.1 lumens/watt  
Spacing Criteria (0/90/45): 1.16 / 1.09 / 1.23  
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')  
CIE Type: Semi-Direct

Input Watts (W): 82.4  
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: P1008687

CATALOG NUMBER: S122DIP-B1005D725UB30-4F0-XX-W2A-A4

### Luminous Intensity Polar Plot



TEST NUMBER: P1008687

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

|     |     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|
| RF  | 20  |     |     |     | 20  |     |     |     | 20 |    |    |    | 20 |    |    |    | 20 |
| RC  | 80  |     |     |     | 70  |     |     |     | 50 |    |    |    | 30 |    |    |    | 10 |
| RW  | 70  | 50  | 30  | 10  | 70  | 50  | 30  | 10  | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 |
| RCR |     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |
| 0   | 110 | 110 | 110 | 110 | 103 | 103 | 103 | 103 | 90 | 90 | 90 | 78 | 78 | 78 | 67 | 67 | 67 |
| 1   | 101 | 97  | 93  | 90  | 94  | 91  | 88  | 85  | 80 | 77 | 75 | 69 | 68 | 66 | 60 | 59 | 57 |
| 2   | 92  | 85  | 79  | 74  | 86  | 80  | 75  | 70  | 70 | 67 | 63 | 62 | 59 | 56 | 53 | 51 | 49 |
| 3   | 85  | 75  | 68  | 63  | 79  | 71  | 65  | 60  | 63 | 58 | 54 | 55 | 51 | 48 | 48 | 45 | 43 |
| 4   | 78  | 67  | 59  | 54  | 73  | 63  | 56  | 51  | 56 | 51 | 46 | 49 | 45 | 42 | 43 | 40 | 37 |
| 5   | 72  | 60  | 52  | 46  | 67  | 57  | 50  | 44  | 51 | 45 | 40 | 45 | 40 | 37 | 39 | 36 | 33 |
| 6   | 66  | 54  | 46  | 41  | 62  | 51  | 44  | 39  | 46 | 40 | 36 | 41 | 36 | 32 | 36 | 32 | 29 |
| 7   | 62  | 49  | 42  | 36  | 58  | 47  | 40  | 35  | 42 | 36 | 32 | 37 | 33 | 29 | 33 | 29 | 26 |
| 8   | 57  | 45  | 37  | 32  | 54  | 43  | 36  | 31  | 38 | 33 | 28 | 34 | 30 | 26 | 30 | 27 | 24 |
| 9   | 53  | 41  | 34  | 29  | 50  | 39  | 32  | 28  | 35 | 30 | 26 | 32 | 27 | 24 | 28 | 24 | 22 |
| 10  | 50  | 38  | 31  | 26  | 47  | 36  | 30  | 25  | 33 | 27 | 23 | 29 | 25 | 22 | 26 | 22 | 20 |

**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

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 190.3  | 2.7       |
| 10°-20°   | 554.0  | 7.7       |
| 20°-30°   | 804.0  | 11.2      |
| 30°-40°   | 847.6  | 11.8      |
| 40°-50°   | 750.0  | 10.5      |
| 50°-60°   | 598.9  | 8.3       |
| 60°-70°   | 406.8  | 5.7       |
| 70°-80°   | 208.1  | 2.9       |
| 80°-90°   | 51.7   | 0.7       |
| 90°-100°  | 154.7  | 2.2       |
| 100°-110° | 545.0  | 7.6       |
| 110°-120° | 572.3  | 8.0       |
| 120°-130° | 470.9  | 6.6       |
| 130°-140° | 378.3  | 5.3       |
| 140°-150° | 285.7  | 4.0       |
| 150°-160° | 200.9  | 2.8       |
| 160°-170° | 118.2  | 1.6       |
| 170°-180° | 38.5   | 0.5       |
| 0°-30°    | 1548.4 | 21.6      |
| 0°-40°    | 2396.0 | 33.4      |
| 0°-60°    | 3744.9 | 52.2      |
| 0°-90°    | 4411.6 | 61.5      |
| 90°-120°  | 1272.1 | 17.7      |
| 90°-150°  | 2406.9 | 33.5      |
| 90°-180°  | 2764.0 | 38.5      |
| 0°-180°   | 7176.0 | 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    | 25   | 1    | 25   | 1    | 4    |
| 95°  | 27   | 87   | 27   | 87   | 27   | 28   |
| 105° | 93   | 860  | 93   | 860  | 93   | 99   |
| 115° | 164  | 1132 | 164  | 1132 | 164  | 163  |
| 125° | 229  | 918  | 229  | 918  | 229  | 204  |
| 135° | 269  | 761  | 269  | 761  | 269  | 208  |
| 145° | 307  | 608  | 307  | 608  | 307  | 193  |
| 155° | 349  | 511  | 349  | 511  | 349  | 161  |
| 165° | 380  | 448  | 380  | 448  | 380  | 107  |
| 175° | 396  | 404  | 396  | 404  | 396  | 38   |
| 180° | 397  | 397  | 397  | 397  | 397  |      |

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**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°    | 0.8    | 3.1    | 6.1    | 7.6    | 9.2    | 10.4   | 11.5   | 15.3   | 20.6   | 25.2   | 26.0   |
| 92.5°  | 11.5   | 16.0   | 22.1   | 26.0   | 32.1   | 36.3   | 40.5   | 61.1   | 90.1   | 116.0  | 117.6  |
| 95°    | 26.7   | 29.8   | 37.4   | 44.3   | 56.5   | 65.6   | 74.8   | 109.9  | 176.3  | 264.9  | 299.2  |
| 97.5°  | 39.7   | 44.3   | 52.7   | 62.6   | 76.3   | 86.6   | 97.0   | 142.0  | 234.4  | 377.1  | 487.8  |
| 100°   | 58.8   | 61.1   | 67.9   | 80.2   | 95.4   | 106.1  | 116.8  | 157.3  | 250.4  | 415.3  | 603.1  |
| 102.5° | 76.3   | 77.9   | 84.7   | 97.0   | 113.0  | 123.7  | 134.4  | 171.0  | 251.2  | 400.8  | 606.9  |
| 105°   | 93.1   | 96.2   | 101.5  | 113.0  | 129.8  | 140.5  | 151.2  | 187.0  | 255.0  | 380.9  | 565.7  |
| 107.5° | 111.5  | 113.7  | 119.1  | 129.8  | 146.6  | 157.2  | 167.9  | 203.1  | 263.4  | 370.2  | 527.5  |
| 110°   | 129.8  | 132.8  | 137.4  | 147.3  | 163.4  | 174.4  | 185.5  | 219.1  | 274.1  | 367.2  | 501.5  |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 22.5° | 25°   | 30°   | 35°   | 40°   | 45°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 146.6 | 149.6 | 155.0 | 164.1 | 179.4 | 190.9 | 202.3 | 234.4 | 285.5 | 368.0 | 484.8 |
| 115°   | 164.1 | 167.9 | 172.5 | 181.7 | 197.0 | 207.3 | 217.6 | 250.4 | 297.0 | 371.0 | 473.3 |
| 117.5° | 182.4 | 185.5 | 190.1 | 198.5 | 213.0 | 223.7 | 234.4 | 264.9 | 309.2 | 375.6 | 467.2 |
| 120°   | 199.2 | 202.3 | 206.9 | 213.7 | 229.0 | 239.7 | 250.4 | 280.2 | 321.4 | 380.2 | 461.8 |
| 122.5° | 215.3 | 217.6 | 222.1 | 229.8 | 245.0 | 256.1 | 267.2 | 294.7 | 332.1 | 385.5 | 458.8 |
| 125°   | 229.0 | 231.3 | 235.9 | 245.0 | 260.3 | 271.0 | 281.7 | 309.2 | 343.5 | 390.9 | 455.0 |
| 127.5° | 240.5 | 243.5 | 249.6 | 259.6 | 274.1 | 285.2 | 296.2 | 322.9 | 354.2 | 396.2 | 452.7 |
| 130°   | 250.4 | 253.4 | 261.1 | 271.8 | 287.0 | 297.7 | 308.4 | 335.1 | 364.1 | 402.3 | 451.2 |
| 132.5° | 259.6 | 263.4 | 271.8 | 283.2 | 299.2 | 309.9 | 320.6 | 345.8 | 374.1 | 408.4 | 450.4 |
| 135°   | 268.7 | 271.8 | 280.9 | 292.4 | 309.9 | 320.6 | 331.3 | 355.7 | 382.5 | 413.0 | 449.6 |
| 137.5° | 277.1 | 280.9 | 290.1 | 302.3 | 319.9 | 329.8 | 339.7 | 364.1 | 389.3 | 417.6 | 449.6 |
| 140°   | 287.0 | 290.1 | 299.2 | 311.5 | 328.3 | 338.2 | 348.1 | 371.0 | 394.7 | 420.6 | 448.9 |
| 142.5° | 297.0 | 299.2 | 307.6 | 319.9 | 335.9 | 345.0 | 354.2 | 376.3 | 399.3 | 422.9 | 448.9 |
| 145°   | 306.9 | 309.9 | 317.6 | 329.0 | 344.3 | 352.7 | 361.1 | 381.7 | 403.1 | 424.4 | 447.3 |
| 147.5° | 317.6 | 319.9 | 327.5 | 338.2 | 351.2 | 358.8 | 366.4 | 386.3 | 405.4 | 425.2 | 445.1 |
| 150°   | 328.3 | 330.5 | 336.7 | 346.6 | 358.0 | 364.9 | 371.8 | 389.3 | 406.9 | 424.4 | 442.8 |
| 152.5° | 338.9 | 339.7 | 345.8 | 354.2 | 364.9 | 371.0 | 377.1 | 392.4 | 407.6 | 422.9 | 438.9 |
| 155°   | 348.9 | 349.6 | 354.2 | 362.6 | 371.0 | 376.8 | 382.5 | 395.4 | 408.4 | 421.4 | 434.4 |
| 157.5° | 357.3 | 358.0 | 361.8 | 369.5 | 376.3 | 381.3 | 386.3 | 397.7 | 408.4 | 418.3 | 429.8 |
| 160°   | 365.7 | 366.4 | 369.5 | 375.6 | 381.7 | 385.9 | 390.1 | 399.3 | 408.4 | 416.0 | 425.2 |
| 162.5° | 374.1 | 373.3 | 376.3 | 380.9 | 386.3 | 389.4 | 392.4 | 400.0 | 407.6 | 413.8 | 421.4 |
| 165°   | 380.2 | 379.4 | 380.9 | 385.5 | 389.3 | 391.6 | 393.9 | 400.8 | 406.1 | 410.7 | 416.0 |
| 167.5° | 385.5 | 384.7 | 386.3 | 389.3 | 392.4 | 393.9 | 395.4 | 400.8 | 405.4 | 407.6 | 411.5 |
| 170°   | 390.9 | 389.3 | 390.1 | 392.4 | 393.9 | 395.0 | 396.2 | 400.0 | 403.8 | 405.4 | 407.6 |
| 172.5° | 393.9 | 393.1 | 392.4 | 394.7 | 395.4 | 396.2 | 397.0 | 399.3 | 401.5 | 402.3 | 403.1 |
| 175°   | 396.2 | 395.4 | 394.7 | 396.2 | 396.2 | 396.6 | 397.0 | 398.5 | 400.0 | 399.3 | 400.0 |
| 177.5° | 397.7 | 396.2 | 395.4 | 397.0 | 397.0 | 397.0 | 397.0 | 397.7 | 399.3 | 397.7 | 397.0 |
| 180°   | 397.0 | 397.0 | 397.0 | 397.0 | 397.0 | 397.0 | 397.0 | 397.0 | 397.0 | 397.0 | 397.0 |

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**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°    | 25.2   | 24.4   | 22.9   | 24.4   | 24.8   | 25.2   | 25.2   | 25.2   | 25.2   | 25.2   | 25.2   |
| 92.5°  | 98.5   | 77.1   | 65.7   | 57.3   | 54.2   | 51.1   | 50.4   | 47.3   | 48.1   | 46.6   | 48.1   |
| 95°    | 261.8  | 200.0  | 153.4  | 121.4  | 113.0  | 104.6  | 94.7   | 88.6   | 86.3   | 87.0   | 86.3   |
| 97.5°  | 491.6  | 409.2  | 326.7  | 249.6  | 226.7  | 203.8  | 174.1  | 158.8  | 150.4  | 145.8  | 150.4  |
| 100°   | 713.0  | 697.0  | 602.3  | 497.7  | 451.6  | 405.4  | 342.0  | 309.2  | 287.0  | 273.3  | 287.0  |
| 102.5° | 795.4  | 885.5  | 882.5  | 813.0  | 763.4  | 713.8  | 643.5  | 581.7  | 552.7  | 532.8  | 552.7  |
| 105°   | 768.7  | 927.5  | 1013.8 | 1023.7 | 1011.1 | 998.5  | 951.2  | 903.9  | 871.0  | 860.3  | 871.0  |
| 107.5° | 712.2  | 882.5  | 1010.7 | 1085.5 | 1100.8 | 1116.1 | 1115.3 | 1108.4 | 1098.5 | 1081.0 | 1098.5 |
| 110°   | 659.6  | 820.6  | 957.3  | 1055.0 | 1086.3 | 1117.6 | 1150.4 | 1164.9 | 1171.8 | 1171.0 | 1171.8 |

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CATALOG NUMBER: S122DIP-B1005D725UB30-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 50°   | 55°   | 60°   | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 622.9 | 764.2 | 893.9 | 1000.0 | 1037.0 | 1074.1 | 1122.9 | 1149.7 | 1164.2 | 1169.5 | 1164.2 |
| 115°   | 593.9 | 719.9 | 837.4 | 937.4  | 976.8  | 1016.1 | 1070.3 | 1105.4 | 1125.2 | 1132.1 | 1125.2 |
| 117.5° | 574.1 | 683.2 | 788.6 | 881.7  | 919.1  | 956.5  | 1012.3 | 1049.7 | 1070.3 | 1075.6 | 1070.3 |
| 120°   | 558.8 | 657.3 | 751.9 | 832.9  | 867.6  | 902.3  | 955.8  | 991.6  | 1013.8 | 1021.4 | 1013.8 |
| 122.5° | 545.8 | 636.7 | 721.4 | 797.0  | 827.5  | 858.0  | 904.6  | 939.7  | 958.8  | 964.9  | 958.8  |
| 125°   | 533.6 | 616.8 | 695.4 | 762.6  | 791.2  | 819.9  | 864.2  | 893.2  | 912.2  | 918.4  | 912.2  |
| 127.5° | 522.2 | 597.0 | 669.5 | 733.6  | 760.4  | 787.1  | 826.0  | 853.5  | 870.3  | 874.8  | 870.3  |
| 130°   | 510.7 | 577.9 | 643.5 | 703.8  | 729.0  | 754.2  | 791.6  | 817.6  | 832.9  | 839.0  | 832.9  |
| 132.5° | 501.5 | 559.6 | 619.1 | 673.3  | 696.6  | 719.9  | 756.5  | 782.5  | 796.2  | 801.6  | 796.2  |
| 135°   | 493.1 | 542.8 | 593.2 | 643.5  | 664.9  | 686.3  | 719.1  | 744.3  | 758.0  | 761.1  | 758.0  |
| 137.5° | 487.0 | 529.0 | 572.5 | 613.8  | 632.8  | 651.9  | 683.2  | 705.4  | 717.6  | 722.2  | 717.6  |
| 140°   | 481.7 | 516.0 | 552.7 | 587.8  | 604.6  | 621.4  | 645.8  | 665.7  | 677.1  | 681.7  | 677.1  |
| 142.5° | 476.4 | 505.4 | 535.1 | 564.1  | 577.5  | 590.9  | 613.8  | 631.3  | 641.2  | 641.2  | 641.2  |
| 145°   | 471.8 | 495.4 | 520.6 | 544.3  | 555.3  | 566.4  | 584.8  | 597.7  | 605.4  | 607.7  | 605.4  |
| 147.5° | 467.2 | 487.8 | 508.4 | 527.5  | 535.9  | 544.3  | 560.3  | 571.0  | 576.4  | 577.9  | 576.4  |
| 150°   | 461.1 | 479.4 | 496.2 | 512.2  | 519.1  | 526.0  | 537.4  | 546.6  | 551.2  | 551.9  | 551.2  |
| 152.5° | 455.7 | 471.0 | 486.3 | 499.3  | 505.0  | 510.7  | 519.1  | 526.7  | 529.8  | 529.8  | 529.8  |
| 155°   | 448.9 | 463.4 | 475.6 | 487.0  | 491.2  | 495.4  | 503.8  | 509.2  | 512.2  | 510.7  | 512.2  |
| 157.5° | 442.8 | 454.2 | 464.9 | 474.8  | 478.2  | 481.7  | 487.8  | 492.4  | 493.9  | 493.9  | 493.9  |
| 160°   | 435.9 | 445.8 | 454.2 | 462.6  | 465.3  | 468.0  | 473.3  | 477.1  | 477.9  | 477.9  | 477.9  |
| 162.5° | 429.8 | 437.4 | 444.3 | 451.2  | 453.1  | 455.0  | 460.3  | 462.6  | 463.4  | 462.6  | 463.4  |
| 165°   | 422.9 | 429.0 | 434.4 | 439.7  | 441.2  | 442.8  | 445.8  | 448.9  | 448.9  | 448.1  | 448.9  |
| 167.5° | 416.0 | 420.6 | 425.2 | 429.0  | 430.6  | 432.1  | 433.6  | 435.1  | 435.1  | 434.4  | 435.1  |
| 170°   | 410.7 | 414.5 | 416.8 | 419.9  | 420.6  | 421.4  | 422.2  | 424.4  | 423.7  | 422.2  | 423.7  |
| 172.5° | 405.4 | 407.6 | 409.2 | 411.5  | 411.8  | 412.2  | 413.0  | 413.8  | 413.0  | 412.2  | 413.0  |
| 175°   | 400.8 | 403.1 | 403.8 | 404.6  | 405.0  | 405.4  | 405.4  | 406.1  | 405.4  | 403.8  | 405.4  |
| 177.5° | 397.7 | 399.3 | 399.3 | 400.0  | 400.0  | 400.0  | 400.0  | 400.0  | 399.3  | 397.7  | 399.3  |
| 180°   | 397.0 | 397.0 | 397.0 | 397.0  | 397.0  | 397.0  | 397.0  | 397.0  | 397.0  | 397.0  | 397.0  |

TEST NUMBER: P1008687

CATALOG NUMBER: S122DIP-B1005D725UB30-4F0-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°    | 25.2   | 25.2   | 25.2   | 24.8   | 24.4   | 22.9   | 24.4   | 25.2   | 26.0   | 25.2   | 20.6   |
| 92.5°  | 47.3   | 50.4   | 51.1   | 54.2   | 57.3   | 65.7   | 77.1   | 98.5   | 117.6  | 116.0  | 90.1   |
| 95°    | 88.6   | 94.7   | 104.6  | 113.0  | 121.4  | 153.4  | 200.0  | 261.8  | 299.2  | 264.9  | 176.3  |
| 97.5°  | 158.8  | 174.1  | 203.8  | 226.7  | 249.6  | 326.7  | 409.2  | 491.6  | 487.8  | 377.1  | 234.4  |
| 100°   | 309.2  | 342.0  | 405.4  | 451.6  | 497.7  | 602.3  | 697.0  | 713.0  | 603.1  | 415.3  | 250.4  |
| 102.5° | 581.7  | 643.5  | 713.8  | 763.4  | 813.0  | 882.5  | 885.5  | 795.4  | 606.9  | 400.8  | 251.2  |
| 105°   | 903.9  | 951.2  | 998.5  | 1011.1 | 1023.7 | 1013.8 | 927.5  | 768.7  | 565.7  | 380.9  | 255.0  |
| 107.5° | 1108.4 | 1115.3 | 1116.1 | 1100.8 | 1085.5 | 1010.7 | 882.5  | 712.2  | 527.5  | 370.2  | 263.4  |
| 110°   | 1164.9 | 1150.4 | 1117.6 | 1086.3 | 1055.0 | 957.3  | 820.6  | 659.6  | 501.5  | 367.2  | 274.1  |

TEST NUMBER: P1008687

CATALOG NUMBER: S122DIP-B1005D725UB30-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  |
|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|
| 112.5° | 1149.7 | 1122.9 | 1074.1 | 1037.0 | 1000.0 | 893.9 | 764.2 | 622.9 | 484.8 | 368.0 | 285.5 |
| 115°   | 1105.4 | 1070.3 | 1016.1 | 976.8  | 937.4  | 837.4 | 719.9 | 593.9 | 473.3 | 371.0 | 297.0 |
| 117.5° | 1049.7 | 1012.3 | 956.5  | 919.1  | 881.7  | 788.6 | 683.2 | 574.1 | 467.2 | 375.6 | 309.2 |
| 120°   | 991.6  | 955.8  | 902.3  | 867.6  | 832.9  | 751.9 | 657.3 | 558.8 | 461.8 | 380.2 | 321.4 |
| 122.5° | 939.7  | 904.6  | 858.0  | 827.5  | 797.0  | 721.4 | 636.7 | 545.8 | 458.8 | 385.5 | 332.1 |
| 125°   | 893.2  | 864.2  | 819.9  | 791.2  | 762.6  | 695.4 | 616.8 | 533.6 | 455.0 | 390.9 | 343.5 |
| 127.5° | 853.5  | 826.0  | 787.1  | 760.4  | 733.6  | 669.5 | 597.0 | 522.2 | 452.7 | 396.2 | 354.2 |
| 130°   | 817.6  | 791.6  | 754.2  | 729.0  | 703.8  | 643.5 | 577.9 | 510.7 | 451.2 | 402.3 | 364.1 |
| 132.5° | 782.5  | 756.5  | 719.9  | 696.6  | 673.3  | 619.1 | 559.6 | 501.5 | 450.4 | 408.4 | 374.1 |
| 135°   | 744.3  | 719.1  | 686.3  | 664.9  | 643.5  | 593.2 | 542.8 | 493.1 | 449.6 | 413.0 | 382.5 |
| 137.5° | 705.4  | 683.2  | 651.9  | 632.8  | 613.8  | 572.5 | 529.0 | 487.0 | 449.6 | 417.6 | 389.3 |
| 140°   | 665.7  | 645.8  | 621.4  | 604.6  | 587.8  | 552.7 | 516.0 | 481.7 | 448.9 | 420.6 | 394.7 |
| 142.5° | 631.3  | 613.8  | 590.9  | 577.5  | 564.1  | 535.1 | 505.4 | 476.4 | 448.9 | 422.9 | 399.3 |
| 145°   | 597.7  | 584.8  | 566.4  | 555.3  | 544.3  | 520.6 | 495.4 | 471.8 | 447.3 | 424.4 | 403.1 |
| 147.5° | 571.0  | 560.3  | 544.3  | 535.9  | 527.5  | 508.4 | 487.8 | 467.2 | 445.1 | 425.2 | 405.4 |
| 150°   | 546.6  | 537.4  | 526.0  | 519.1  | 512.2  | 496.2 | 479.4 | 461.1 | 442.8 | 424.4 | 406.9 |
| 152.5° | 526.7  | 519.1  | 510.7  | 505.0  | 499.3  | 486.3 | 471.0 | 455.7 | 438.9 | 422.9 | 407.6 |
| 155°   | 509.2  | 503.8  | 495.4  | 491.2  | 487.0  | 475.6 | 463.4 | 448.9 | 434.4 | 421.4 | 408.4 |
| 157.5° | 492.4  | 487.8  | 481.7  | 478.2  | 474.8  | 464.9 | 454.2 | 442.8 | 429.8 | 418.3 | 408.4 |
| 160°   | 477.1  | 473.3  | 468.0  | 465.3  | 462.6  | 454.2 | 445.8 | 435.9 | 425.2 | 416.0 | 408.4 |
| 162.5° | 462.6  | 460.3  | 455.0  | 453.1  | 451.2  | 444.3 | 437.4 | 429.8 | 421.4 | 413.8 | 407.6 |
| 165°   | 448.9  | 445.8  | 442.8  | 441.2  | 439.7  | 434.4 | 429.0 | 422.9 | 416.0 | 410.7 | 406.1 |
| 167.5° | 435.1  | 433.6  | 432.1  | 430.6  | 429.0  | 425.2 | 420.6 | 416.0 | 411.5 | 407.6 | 405.4 |
| 170°   | 424.4  | 422.2  | 421.4  | 420.6  | 419.9  | 416.8 | 414.5 | 410.7 | 407.6 | 405.4 | 403.8 |
| 172.5° | 413.8  | 413.0  | 412.2  | 411.8  | 411.5  | 409.2 | 407.6 | 405.4 | 403.1 | 402.3 | 401.5 |
| 175°   | 406.1  | 405.4  | 405.4  | 405.0  | 404.6  | 403.8 | 403.1 | 400.8 | 400.0 | 399.3 | 400.0 |
| 177.5° | 400.0  | 400.0  | 400.0  | 400.0  | 400.0  | 399.3 | 399.3 | 397.7 | 397.0 | 397.7 | 399.3 |
| 180°   | 397.0  | 397.0  | 397.0  | 397.0  | 397.0  | 397.0 | 397.0 | 397.0 | 397.0 | 397.0 | 397.0 |

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**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°    | 15.3   | 11.5   | 10.4   | 9.2    | 7.6    | 6.1    | 3.1    | 0.8    | 3.1    | 6.1    | 7.6    |
| 92.5°  | 61.1   | 40.5   | 36.3   | 32.1   | 26.0   | 22.1   | 16.0   | 11.5   | 16.0   | 22.1   | 26.0   |
| 95°    | 109.9  | 74.8   | 65.6   | 56.5   | 44.3   | 37.4   | 29.8   | 26.7   | 29.8   | 37.4   | 44.3   |
| 97.5°  | 142.0  | 97.0   | 86.6   | 76.3   | 62.6   | 52.7   | 44.3   | 39.7   | 44.3   | 52.7   | 62.6   |
| 100°   | 157.3  | 116.8  | 106.1  | 95.4   | 80.2   | 67.9   | 61.1   | 58.8   | 61.1   | 67.9   | 80.2   |
| 102.5° | 171.0  | 134.4  | 123.7  | 113.0  | 97.0   | 84.7   | 77.9   | 76.3   | 77.9   | 84.7   | 97.0   |
| 105°   | 187.0  | 151.2  | 140.5  | 129.8  | 113.0  | 101.5  | 96.2   | 93.1   | 96.2   | 101.5  | 113.0  |
| 107.5° | 203.1  | 167.9  | 157.2  | 146.6  | 129.8  | 119.1  | 113.7  | 111.5  | 113.7  | 119.1  | 129.8  |
| 110°   | 219.1  | 185.5  | 174.4  | 163.4  | 147.3  | 137.4  | 132.8  | 129.8  | 132.8  | 137.4  | 147.3  |

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**CANDELA DISTRIBUTION (continued):**

|        | 150°  | 155°  | 157.5° | 160°  | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  |
|--------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 234.4 | 202.3 | 190.9  | 179.4 | 164.1 | 155.0 | 149.6 | 146.6 | 149.6 | 155.0 | 164.1 |
| 115°   | 250.4 | 217.6 | 207.3  | 197.0 | 181.7 | 172.5 | 167.9 | 164.1 | 167.9 | 172.5 | 181.7 |
| 117.5° | 264.9 | 234.4 | 223.7  | 213.0 | 198.5 | 190.1 | 185.5 | 182.4 | 185.5 | 190.1 | 198.5 |
| 120°   | 280.2 | 250.4 | 239.7  | 229.0 | 213.7 | 206.9 | 202.3 | 199.2 | 202.3 | 206.9 | 213.7 |
| 122.5° | 294.7 | 267.2 | 256.1  | 245.0 | 229.8 | 222.1 | 217.6 | 215.3 | 217.6 | 222.1 | 229.8 |
| 125°   | 309.2 | 281.7 | 271.0  | 260.3 | 245.0 | 235.9 | 231.3 | 229.0 | 231.3 | 235.9 | 245.0 |
| 127.5° | 322.9 | 296.2 | 285.2  | 274.1 | 259.6 | 249.6 | 243.5 | 240.5 | 243.5 | 249.6 | 259.6 |
| 130°   | 335.1 | 308.4 | 297.7  | 287.0 | 271.8 | 261.1 | 253.4 | 250.4 | 253.4 | 261.1 | 271.8 |
| 132.5° | 345.8 | 320.6 | 309.9  | 299.2 | 283.2 | 271.8 | 263.4 | 259.6 | 263.4 | 271.8 | 283.2 |
| 135°   | 355.7 | 331.3 | 320.6  | 309.9 | 292.4 | 280.9 | 271.8 | 268.7 | 271.8 | 280.9 | 292.4 |
| 137.5° | 364.1 | 339.7 | 329.8  | 319.9 | 302.3 | 290.1 | 280.9 | 277.1 | 280.9 | 290.1 | 302.3 |
| 140°   | 371.0 | 348.1 | 338.2  | 328.3 | 311.5 | 299.2 | 290.1 | 287.0 | 290.1 | 299.2 | 311.5 |
| 142.5° | 376.3 | 354.2 | 345.0  | 335.9 | 319.9 | 307.6 | 299.2 | 297.0 | 299.2 | 307.6 | 319.9 |
| 145°   | 381.7 | 361.1 | 352.7  | 344.3 | 329.0 | 317.6 | 309.9 | 306.9 | 309.9 | 317.6 | 329.0 |
| 147.5° | 386.3 | 366.4 | 358.8  | 351.2 | 338.2 | 327.5 | 319.9 | 317.6 | 319.9 | 327.5 | 338.2 |
| 150°   | 389.3 | 371.8 | 364.9  | 358.0 | 346.6 | 336.7 | 330.5 | 328.3 | 330.5 | 336.7 | 346.6 |
| 152.5° | 392.4 | 377.1 | 371.0  | 364.9 | 354.2 | 345.8 | 339.7 | 338.9 | 339.7 | 345.8 | 354.2 |
| 155°   | 395.4 | 382.5 | 376.8  | 371.0 | 362.6 | 354.2 | 349.6 | 348.9 | 349.6 | 354.2 | 362.6 |
| 157.5° | 397.7 | 386.3 | 381.3  | 376.3 | 369.5 | 361.8 | 358.0 | 357.3 | 358.0 | 361.8 | 369.5 |
| 160°   | 399.3 | 390.1 | 385.9  | 381.7 | 375.6 | 369.5 | 366.4 | 365.7 | 366.4 | 369.5 | 375.6 |
| 162.5° | 400.0 | 392.4 | 389.4  | 386.3 | 380.9 | 376.3 | 373.3 | 374.1 | 373.3 | 376.3 | 380.9 |
| 165°   | 400.8 | 393.9 | 391.6  | 389.3 | 385.5 | 380.9 | 379.4 | 380.2 | 379.4 | 380.9 | 385.5 |
| 167.5° | 400.8 | 395.4 | 393.9  | 392.4 | 389.3 | 386.3 | 384.7 | 385.5 | 384.7 | 386.3 | 389.3 |
| 170°   | 400.0 | 396.2 | 395.0  | 393.9 | 392.4 | 390.1 | 389.3 | 390.9 | 389.3 | 390.1 | 392.4 |
| 172.5° | 399.3 | 397.0 | 396.2  | 395.4 | 394.7 | 392.4 | 393.1 | 393.9 | 393.1 | 392.4 | 394.7 |
| 175°   | 398.5 | 397.0 | 396.6  | 396.2 | 396.2 | 394.7 | 395.4 | 396.2 | 395.4 | 394.7 | 396.2 |
| 177.5° | 397.7 | 397.0 | 397.0  | 397.0 | 397.0 | 395.4 | 396.2 | 397.7 | 396.2 | 395.4 | 397.0 |
| 180°   | 397.0 | 397.0 | 397.0  | 397.0 | 397.0 | 397.0 | 397.0 | 397.0 | 397.0 | 397.0 | 397.0 |

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**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°    | 9.2    | 10.4   | 11.5   | 15.3   | 20.6   | 25.2   | 26.0   | 25.2   | 24.4   | 22.9   | 24.4   |
| 92.5°  | 32.1   | 36.3   | 40.5   | 61.1   | 90.1   | 116.0  | 117.6  | 98.5   | 77.1   | 65.7   | 57.3   |
| 95°    | 56.5   | 65.6   | 74.8   | 109.9  | 176.3  | 264.9  | 299.2  | 261.8  | 200.0  | 153.4  | 121.4  |
| 97.5°  | 76.3   | 86.6   | 97.0   | 142.0  | 234.4  | 377.1  | 487.8  | 491.6  | 409.2  | 326.7  | 249.6  |
| 100°   | 95.4   | 106.1  | 116.8  | 157.3  | 250.4  | 415.3  | 603.1  | 713.0  | 697.0  | 602.3  | 497.7  |
| 102.5° | 113.0  | 123.7  | 134.4  | 171.0  | 251.2  | 400.8  | 606.9  | 795.4  | 885.5  | 882.5  | 813.0  |
| 105°   | 129.8  | 140.5  | 151.2  | 187.0  | 255.0  | 380.9  | 565.7  | 768.7  | 927.5  | 1013.8 | 1023.7 |
| 107.5° | 146.6  | 157.2  | 167.9  | 203.1  | 263.4  | 370.2  | 527.5  | 712.2  | 882.5  | 1010.7 | 1085.5 |
| 110°   | 163.4  | 174.4  | 185.5  | 219.1  | 274.1  | 367.2  | 501.5  | 659.6  | 820.6  | 957.3  | 1055.0 |

TEST NUMBER: P1008687

CATALOG NUMBER: S122DIP-B1005D725UB30-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 200°  | 202.5° | 205°  | 210°  | 215°  | 220°  | 225°  | 230°  | 235°  | 240°  | 245°   |
|--------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 112.5° | 179.4 | 190.9  | 202.3 | 234.4 | 285.5 | 368.0 | 484.8 | 622.9 | 764.2 | 893.9 | 1000.0 |
| 115°   | 197.0 | 207.3  | 217.6 | 250.4 | 297.0 | 371.0 | 473.3 | 593.9 | 719.9 | 837.4 | 937.4  |
| 117.5° | 213.0 | 223.7  | 234.4 | 264.9 | 309.2 | 375.6 | 467.2 | 574.1 | 683.2 | 788.6 | 881.7  |
| 120°   | 229.0 | 239.7  | 250.4 | 280.2 | 321.4 | 380.2 | 461.8 | 558.8 | 657.3 | 751.9 | 832.9  |
| 122.5° | 245.0 | 256.1  | 267.2 | 294.7 | 332.1 | 385.5 | 458.8 | 545.8 | 636.7 | 721.4 | 797.0  |
| 125°   | 260.3 | 271.0  | 281.7 | 309.2 | 343.5 | 390.9 | 455.0 | 533.6 | 616.8 | 695.4 | 762.6  |
| 127.5° | 274.1 | 285.2  | 296.2 | 322.9 | 354.2 | 396.2 | 452.7 | 522.2 | 597.0 | 669.5 | 733.6  |
| 130°   | 287.0 | 297.7  | 308.4 | 335.1 | 364.1 | 402.3 | 451.2 | 510.7 | 577.9 | 643.5 | 703.8  |
| 132.5° | 299.2 | 309.9  | 320.6 | 345.8 | 374.1 | 408.4 | 450.4 | 501.5 | 559.6 | 619.1 | 673.3  |
| 135°   | 309.9 | 320.6  | 331.3 | 355.7 | 382.5 | 413.0 | 449.6 | 493.1 | 542.8 | 593.2 | 643.5  |
| 137.5° | 319.9 | 329.8  | 339.7 | 364.1 | 389.3 | 417.6 | 449.6 | 487.0 | 529.0 | 572.5 | 613.8  |
| 140°   | 328.3 | 338.2  | 348.1 | 371.0 | 394.7 | 420.6 | 448.9 | 481.7 | 516.0 | 552.7 | 587.8  |
| 142.5° | 335.9 | 345.0  | 354.2 | 376.3 | 399.3 | 422.9 | 448.9 | 476.4 | 505.4 | 535.1 | 564.1  |
| 145°   | 344.3 | 352.7  | 361.1 | 381.7 | 403.1 | 424.4 | 447.3 | 471.8 | 495.4 | 520.6 | 544.3  |
| 147.5° | 351.2 | 358.8  | 366.4 | 386.3 | 405.4 | 425.2 | 445.1 | 467.2 | 487.8 | 508.4 | 527.5  |
| 150°   | 358.0 | 364.9  | 371.8 | 389.3 | 406.9 | 424.4 | 442.8 | 461.1 | 479.4 | 496.2 | 512.2  |
| 152.5° | 364.9 | 371.0  | 377.1 | 392.4 | 407.6 | 422.9 | 438.9 | 455.7 | 471.0 | 486.3 | 499.3  |
| 155°   | 371.0 | 376.8  | 382.5 | 395.4 | 408.4 | 421.4 | 434.4 | 448.9 | 463.4 | 475.6 | 487.0  |
| 157.5° | 376.3 | 381.3  | 386.3 | 397.7 | 408.4 | 418.3 | 429.8 | 442.8 | 454.2 | 464.9 | 474.8  |
| 160°   | 381.7 | 385.9  | 390.1 | 399.3 | 408.4 | 416.0 | 425.2 | 435.9 | 445.8 | 454.2 | 462.6  |
| 162.5° | 386.3 | 389.4  | 392.4 | 400.0 | 407.6 | 413.8 | 421.4 | 429.8 | 437.4 | 444.3 | 451.2  |
| 165°   | 389.3 | 391.6  | 393.9 | 400.8 | 406.1 | 410.7 | 416.0 | 422.9 | 429.0 | 434.4 | 439.7  |
| 167.5° | 392.4 | 393.9  | 395.4 | 400.8 | 405.4 | 407.6 | 411.5 | 416.0 | 420.6 | 425.2 | 429.0  |
| 170°   | 393.9 | 395.0  | 396.2 | 400.0 | 403.8 | 405.4 | 407.6 | 410.7 | 414.5 | 416.8 | 419.9  |
| 172.5° | 395.4 | 396.2  | 397.0 | 399.3 | 401.5 | 402.3 | 403.1 | 405.4 | 407.6 | 409.2 | 411.5  |
| 175°   | 396.2 | 396.6  | 397.0 | 398.5 | 400.0 | 399.3 | 400.0 | 400.8 | 403.1 | 403.8 | 404.6  |
| 177.5° | 397.0 | 397.0  | 397.0 | 397.7 | 399.3 | 397.7 | 397.0 | 397.7 | 399.3 | 399.3 | 400.0  |
| 180°   | 397.0 | 397.0  | 397.0 | 397.0 | 397.0 | 397.0 | 397.0 | 397.0 | 397.0 | 397.0 | 397.0  |

TEST NUMBER: P1008687

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**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°    | 24.8   | 25.2   | 25.2   | 25.2   | 25.2   | 25.2   | 25.2   | 25.2   | 25.2   | 25.2   | 24.8   |
| 92.5°  | 54.2   | 51.1   | 50.4   | 47.3   | 48.1   | 46.6   | 48.1   | 47.3   | 50.4   | 51.1   | 54.2   |
| 95°    | 113.0  | 104.6  | 94.7   | 88.6   | 86.3   | 87.0   | 86.3   | 88.6   | 94.7   | 104.6  | 113.0  |
| 97.5°  | 226.7  | 203.8  | 174.1  | 158.8  | 150.4  | 145.8  | 150.4  | 158.8  | 174.1  | 203.8  | 226.7  |
| 100°   | 451.6  | 405.4  | 342.0  | 309.2  | 287.0  | 273.3  | 287.0  | 309.2  | 342.0  | 405.4  | 451.6  |
| 102.5° | 763.4  | 713.8  | 643.5  | 581.7  | 552.7  | 532.8  | 552.7  | 581.7  | 643.5  | 713.8  | 763.4  |
| 105°   | 1011.1 | 998.5  | 951.2  | 903.9  | 871.0  | 860.3  | 871.0  | 903.9  | 951.2  | 998.5  | 1011.1 |
| 107.5° | 1100.8 | 1116.1 | 1115.3 | 1108.4 | 1098.5 | 1081.0 | 1098.5 | 1108.4 | 1115.3 | 1116.1 | 1100.8 |
| 110°   | 1086.3 | 1117.6 | 1150.4 | 1164.9 | 1171.8 | 1171.0 | 1171.8 | 1164.9 | 1150.4 | 1117.6 | 1086.3 |

TEST NUMBER: P1008687

CATALOG NUMBER: S122DIP-B1005D725UB30-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 1037.0 | 1074.1 | 1122.9 | 1149.7 | 1164.2 | 1169.5 | 1164.2 | 1149.7 | 1122.9 | 1074.1 | 1037.0 |
| 115°   | 976.8  | 1016.1 | 1070.3 | 1105.4 | 1125.2 | 1132.1 | 1125.2 | 1105.4 | 1070.3 | 1016.1 | 976.8  |
| 117.5° | 919.1  | 956.5  | 1012.3 | 1049.7 | 1070.3 | 1075.6 | 1070.3 | 1049.7 | 1012.3 | 956.5  | 919.1  |
| 120°   | 867.6  | 902.3  | 955.8  | 991.6  | 1013.8 | 1021.4 | 1013.8 | 991.6  | 955.8  | 902.3  | 867.6  |
| 122.5° | 827.5  | 858.0  | 904.6  | 939.7  | 958.8  | 964.9  | 958.8  | 939.7  | 904.6  | 858.0  | 827.5  |
| 125°   | 791.2  | 819.9  | 864.2  | 893.2  | 912.2  | 918.4  | 912.2  | 893.2  | 864.2  | 819.9  | 791.2  |
| 127.5° | 760.4  | 787.1  | 826.0  | 853.5  | 870.3  | 874.8  | 870.3  | 853.5  | 826.0  | 787.1  | 760.4  |
| 130°   | 729.0  | 754.2  | 791.6  | 817.6  | 832.9  | 839.0  | 832.9  | 817.6  | 791.6  | 754.2  | 729.0  |
| 132.5° | 696.6  | 719.9  | 756.5  | 782.5  | 796.2  | 801.6  | 796.2  | 782.5  | 756.5  | 719.9  | 696.6  |
| 135°   | 664.9  | 686.3  | 719.1  | 744.3  | 758.0  | 761.1  | 758.0  | 744.3  | 719.1  | 686.3  | 664.9  |
| 137.5° | 632.8  | 651.9  | 683.2  | 705.4  | 717.6  | 722.2  | 717.6  | 705.4  | 683.2  | 651.9  | 632.8  |
| 140°   | 604.6  | 621.4  | 645.8  | 665.7  | 677.1  | 681.7  | 677.1  | 665.7  | 645.8  | 621.4  | 604.6  |
| 142.5° | 577.5  | 590.9  | 613.8  | 631.3  | 641.2  | 641.2  | 641.2  | 631.3  | 613.8  | 590.9  | 577.5  |
| 145°   | 555.3  | 566.4  | 584.8  | 597.7  | 605.4  | 607.7  | 605.4  | 597.7  | 584.8  | 566.4  | 555.3  |
| 147.5° | 535.9  | 544.3  | 560.3  | 571.0  | 576.4  | 577.9  | 576.4  | 571.0  | 560.3  | 544.3  | 535.9  |
| 150°   | 519.1  | 526.0  | 537.4  | 546.6  | 551.2  | 551.9  | 551.2  | 546.6  | 537.4  | 526.0  | 519.1  |
| 152.5° | 505.0  | 510.7  | 519.1  | 526.7  | 529.8  | 529.8  | 529.8  | 526.7  | 519.1  | 510.7  | 505.0  |
| 155°   | 491.2  | 495.4  | 503.8  | 509.2  | 512.2  | 510.7  | 512.2  | 509.2  | 503.8  | 495.4  | 491.2  |
| 157.5° | 478.2  | 481.7  | 487.8  | 492.4  | 493.9  | 493.9  | 493.9  | 492.4  | 487.8  | 481.7  | 478.2  |
| 160°   | 465.3  | 468.0  | 473.3  | 477.1  | 477.9  | 477.9  | 477.9  | 477.1  | 473.3  | 468.0  | 465.3  |
| 162.5° | 453.1  | 455.0  | 460.3  | 462.6  | 463.4  | 462.6  | 463.4  | 462.6  | 460.3  | 455.0  | 453.1  |
| 165°   | 441.2  | 442.8  | 445.8  | 448.9  | 448.9  | 448.1  | 448.9  | 448.9  | 445.8  | 442.8  | 441.2  |
| 167.5° | 430.6  | 432.1  | 433.6  | 435.1  | 435.1  | 434.4  | 435.1  | 435.1  | 433.6  | 432.1  | 430.6  |
| 170°   | 420.6  | 421.4  | 422.2  | 424.4  | 423.7  | 422.2  | 423.7  | 424.4  | 422.2  | 421.4  | 420.6  |
| 172.5° | 411.8  | 412.2  | 413.0  | 413.8  | 413.0  | 412.2  | 413.0  | 413.8  | 413.0  | 412.2  | 411.8  |
| 175°   | 405.0  | 405.4  | 405.4  | 406.1  | 405.4  | 403.8  | 405.4  | 406.1  | 405.4  | 405.4  | 405.0  |
| 177.5° | 400.0  | 400.0  | 400.0  | 400.0  | 399.3  | 397.7  | 399.3  | 400.0  | 400.0  | 400.0  | 400.0  |
| 180°   | 397.0  | 397.0  | 397.0  | 397.0  | 397.0  | 397.0  | 397.0  | 397.0  | 397.0  | 397.0  | 397.0  |

TEST NUMBER: P1008687

CATALOG NUMBER: S122DIP-B1005D725UB30-4F0-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°    | 24.4   | 22.9   | 24.4   | 25.2   | 26.0   | 25.2   | 20.6   | 15.3   | 11.5   | 10.4   | 9.2    |
| 92.5°  | 57.3   | 65.7   | 77.1   | 98.5   | 117.6  | 116.0  | 90.1   | 61.1   | 40.5   | 36.3   | 32.1   |
| 95°    | 121.4  | 153.4  | 200.0  | 261.8  | 299.2  | 264.9  | 176.3  | 109.9  | 74.8   | 65.6   | 56.5   |
| 97.5°  | 249.6  | 326.7  | 409.2  | 491.6  | 487.8  | 377.1  | 234.4  | 142.0  | 97.0   | 86.6   | 76.3   |
| 100°   | 497.7  | 602.3  | 697.0  | 713.0  | 603.1  | 415.3  | 250.4  | 157.3  | 116.8  | 106.1  | 95.4   |
| 102.5° | 813.0  | 882.5  | 885.5  | 795.4  | 606.9  | 400.8  | 251.2  | 171.0  | 134.4  | 123.7  | 113.0  |
| 105°   | 1023.7 | 1013.8 | 927.5  | 768.7  | 565.7  | 380.9  | 255.0  | 187.0  | 151.2  | 140.5  | 129.8  |
| 107.5° | 1085.5 | 1010.7 | 882.5  | 712.2  | 527.5  | 370.2  | 263.4  | 203.1  | 167.9  | 157.2  | 146.6  |
| 110°   | 1055.0 | 957.3  | 820.6  | 659.6  | 501.5  | 367.2  | 274.1  | 219.1  | 185.5  | 174.4  | 163.4  |

TEST NUMBER: P1008687

CATALOG NUMBER: S122DIP-B1005D725UB30-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 295°   | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  | 330°  | 335°  | 337.5° | 340°  |
|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 112.5° | 1000.0 | 893.9 | 764.2 | 622.9 | 484.8 | 368.0 | 285.5 | 234.4 | 202.3 | 190.9  | 179.4 |
| 115°   | 937.4  | 837.4 | 719.9 | 593.9 | 473.3 | 371.0 | 297.0 | 250.4 | 217.6 | 207.3  | 197.0 |
| 117.5° | 881.7  | 788.6 | 683.2 | 574.1 | 467.2 | 375.6 | 309.2 | 264.9 | 234.4 | 223.7  | 213.0 |
| 120°   | 832.9  | 751.9 | 657.3 | 558.8 | 461.8 | 380.2 | 321.4 | 280.2 | 250.4 | 239.7  | 229.0 |
| 122.5° | 797.0  | 721.4 | 636.7 | 545.8 | 458.8 | 385.5 | 332.1 | 294.7 | 267.2 | 256.1  | 245.0 |
| 125°   | 762.6  | 695.4 | 616.8 | 533.6 | 455.0 | 390.9 | 343.5 | 309.2 | 281.7 | 271.0  | 260.3 |
| 127.5° | 733.6  | 669.5 | 597.0 | 522.2 | 452.7 | 396.2 | 354.2 | 322.9 | 296.2 | 285.2  | 274.1 |
| 130°   | 703.8  | 643.5 | 577.9 | 510.7 | 451.2 | 402.3 | 364.1 | 335.1 | 308.4 | 297.7  | 287.0 |
| 132.5° | 673.3  | 619.1 | 559.6 | 501.5 | 450.4 | 408.4 | 374.1 | 345.8 | 320.6 | 309.9  | 299.2 |
| 135°   | 643.5  | 593.2 | 542.8 | 493.1 | 449.6 | 413.0 | 382.5 | 355.7 | 331.3 | 320.6  | 309.9 |
| 137.5° | 613.8  | 572.5 | 529.0 | 487.0 | 449.6 | 417.6 | 389.3 | 364.1 | 339.7 | 329.8  | 319.9 |
| 140°   | 587.8  | 552.7 | 516.0 | 481.7 | 448.9 | 420.6 | 394.7 | 371.0 | 348.1 | 338.2  | 328.3 |
| 142.5° | 564.1  | 535.1 | 505.4 | 476.4 | 448.9 | 422.9 | 399.3 | 376.3 | 354.2 | 345.0  | 335.9 |
| 145°   | 544.3  | 520.6 | 495.4 | 471.8 | 447.3 | 424.4 | 403.1 | 381.7 | 361.1 | 352.7  | 344.3 |
| 147.5° | 527.5  | 508.4 | 487.8 | 467.2 | 445.1 | 425.2 | 405.4 | 386.3 | 366.4 | 358.8  | 351.2 |
| 150°   | 512.2  | 496.2 | 479.4 | 461.1 | 442.8 | 424.4 | 406.9 | 389.3 | 371.8 | 364.9  | 358.0 |
| 152.5° | 499.3  | 486.3 | 471.0 | 455.7 | 438.9 | 422.9 | 407.6 | 392.4 | 377.1 | 371.0  | 364.9 |
| 155°   | 487.0  | 475.6 | 463.4 | 448.9 | 434.4 | 421.4 | 408.4 | 395.4 | 382.5 | 376.8  | 371.0 |
| 157.5° | 474.8  | 464.9 | 454.2 | 442.8 | 429.8 | 418.3 | 408.4 | 397.7 | 386.3 | 381.3  | 376.3 |
| 160°   | 462.6  | 454.2 | 445.8 | 435.9 | 425.2 | 416.0 | 408.4 | 399.3 | 390.1 | 385.9  | 381.7 |
| 162.5° | 451.2  | 444.3 | 437.4 | 429.8 | 421.4 | 413.8 | 407.6 | 400.0 | 392.4 | 389.4  | 386.3 |
| 165°   | 439.7  | 434.4 | 429.0 | 422.9 | 416.0 | 410.7 | 406.1 | 400.8 | 393.9 | 391.6  | 389.3 |
| 167.5° | 429.0  | 425.2 | 420.6 | 416.0 | 411.5 | 407.6 | 405.4 | 400.8 | 395.4 | 393.9  | 392.4 |
| 170°   | 419.9  | 416.8 | 414.5 | 410.7 | 407.6 | 405.4 | 403.8 | 400.0 | 396.2 | 395.0  | 393.9 |
| 172.5° | 411.5  | 409.2 | 407.6 | 405.4 | 403.1 | 402.3 | 401.5 | 399.3 | 397.0 | 396.2  | 395.4 |
| 175°   | 404.6  | 403.8 | 403.1 | 400.8 | 400.0 | 399.3 | 400.0 | 398.5 | 397.0 | 396.6  | 396.2 |
| 177.5° | 400.0  | 399.3 | 399.3 | 397.7 | 397.0 | 397.7 | 399.3 | 397.7 | 397.0 | 397.0  | 397.0 |
| 180°   | 397.0  | 397.0 | 397.0 | 397.0 | 397.0 | 397.0 | 397.0 | 397.0 | 397.0 | 397.0  | 397.0 |

TEST NUMBER: P1008687

CATALOG NUMBER: S122DIP-B1005D725UB30-4F0-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°    | 7.6    | 6.1    | 3.1    | 0.8    |
| 92.5°  | 26.0   | 22.1   | 16.0   | 11.5   |
| 95°    | 44.3   | 37.4   | 29.8   | 26.7   |
| 97.5°  | 62.6   | 52.7   | 44.3   | 39.7   |
| 100°   | 80.2   | 67.9   | 61.1   | 58.8   |
| 102.5° | 97.0   | 84.7   | 77.9   | 76.3   |
| 105°   | 113.0  | 101.5  | 96.2   | 93.1   |
| 107.5° | 129.8  | 119.1  | 113.7  | 111.5  |
| 110°   | 147.3  | 137.4  | 132.8  | 129.8  |



TEST NUMBER: P1008687

CATALOG NUMBER: S122DIP-B1005D725UB30-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|
| 112.5° | 164.1 | 155.0 | 149.6 | 146.6 |
| 115°   | 181.7 | 172.5 | 167.9 | 164.1 |
| 117.5° | 198.5 | 190.1 | 185.5 | 182.4 |
| 120°   | 213.7 | 206.9 | 202.3 | 199.2 |
| 122.5° | 229.8 | 222.1 | 217.6 | 215.3 |
| 125°   | 245.0 | 235.9 | 231.3 | 229.0 |
| 127.5° | 259.6 | 249.6 | 243.5 | 240.5 |
| 130°   | 271.8 | 261.1 | 253.4 | 250.4 |
| 132.5° | 283.2 | 271.8 | 263.4 | 259.6 |
| 135°   | 292.4 | 280.9 | 271.8 | 268.7 |
| 137.5° | 302.3 | 290.1 | 280.9 | 277.1 |
| 140°   | 311.5 | 299.2 | 290.1 | 287.0 |
| 142.5° | 319.9 | 307.6 | 299.2 | 297.0 |
| 145°   | 329.0 | 317.6 | 309.9 | 306.9 |
| 147.5° | 338.2 | 327.5 | 319.9 | 317.6 |
| 150°   | 346.6 | 336.7 | 330.5 | 328.3 |
| 152.5° | 354.2 | 345.8 | 339.7 | 338.9 |
| 155°   | 362.6 | 354.2 | 349.6 | 348.9 |
| 157.5° | 369.5 | 361.8 | 358.0 | 357.3 |
| 160°   | 375.6 | 369.5 | 366.4 | 365.7 |
| 162.5° | 380.9 | 376.3 | 373.3 | 374.1 |
| 165°   | 385.5 | 380.9 | 379.4 | 380.2 |
| 167.5° | 389.3 | 386.3 | 384.7 | 385.5 |
| 170°   | 392.4 | 390.1 | 389.3 | 390.9 |
| 172.5° | 394.7 | 392.4 | 393.1 | 393.9 |
| 175°   | 396.2 | 394.7 | 395.4 | 396.2 |
| 177.5° | 397.0 | 395.4 | 396.2 | 397.7 |
| 180°   | 397.0 | 397.0 | 397.0 | 397.0 |

(END OF REPORT)