

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: P1026803

Luminaire Tested: S125DIP-B1270D610UB2750-4F0-XX-W2A-A\_5000K

Issue Date: 5/7/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P1026803  
REPORT IS A COMBINATION OF REPORTS P1001712 AND P1007351  
Test Lab: INNOVATION CENTER  
Issue Date: 5/7/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: S125DIP-B1270D610UB2750-4F0-XX-W2A-A\_5000K  
Description: Define 5 Direct/Indirect Pendant with 5000K BioUP LEDs {m-DER=1.015} {m-EER=1.115}  
Light Source: -  
Ballast/Driver: -

**Summary**

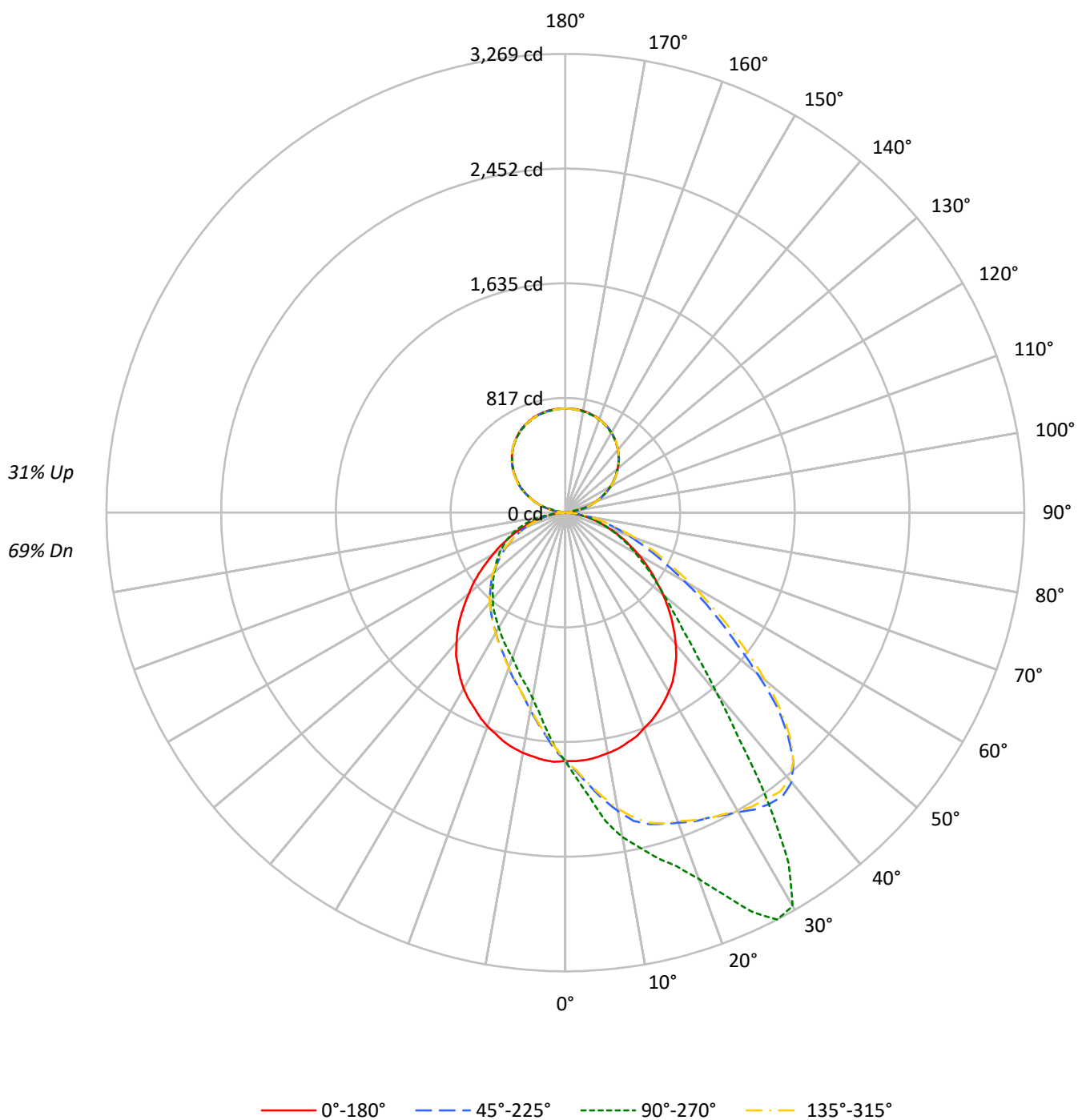
Lumens per Lamp: N/A  
Luminaire Lumens: 7273.0 lumens  
Efficiency: N/A  
Efficacy: 94.8 lumens/watt  
Spacing Criteria (0/90/45): 1.23 / 1.43 / 1.52  
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')  
CIE Type: Semi-Direct

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: P1026803

CATALOG NUMBER: S125DIP-B1270D610UB2750-4F0-XX-W2A-A\_5000K

### Luminous Intensity Polar Plot



TEST NUMBER: P1026803

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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 | 50 | 30 | 10 |
| RCR |     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |
| 0   | 112 | 112 | 112 | 112 | 105 | 105 | 105 | 105 | 94 | 94 | 94 | 83 | 83 | 83 | 73 | 73 | 73 |    |    | 69 |
| 1   | 102 | 98  | 94  | 91  | 96  | 93  | 89  | 86  | 83 | 80 | 78 | 74 | 72 | 70 | 65 | 64 | 63 |    |    | 59 |
| 2   | 93  | 86  | 80  | 75  | 88  | 81  | 76  | 71  | 73 | 69 | 65 | 65 | 62 | 59 | 58 | 55 | 53 |    |    | 49 |
| 3   | 85  | 76  | 68  | 62  | 80  | 72  | 65  | 60  | 65 | 59 | 55 | 58 | 54 | 50 | 51 | 48 | 46 |    |    | 42 |
| 4   | 78  | 67  | 59  | 53  | 74  | 64  | 57  | 51  | 58 | 52 | 47 | 52 | 47 | 43 | 46 | 42 | 39 |    |    | 36 |
| 5   | 72  | 60  | 52  | 46  | 68  | 57  | 50  | 44  | 52 | 46 | 41 | 46 | 42 | 38 | 42 | 38 | 34 |    |    | 32 |
| 6   | 66  | 54  | 46  | 40  | 63  | 52  | 44  | 39  | 47 | 40 | 36 | 42 | 37 | 33 | 38 | 34 | 30 |    |    | 28 |
| 7   | 62  | 49  | 41  | 35  | 58  | 47  | 39  | 34  | 42 | 36 | 32 | 38 | 33 | 29 | 35 | 30 | 27 |    |    | 25 |
| 8   | 57  | 45  | 37  | 31  | 54  | 43  | 35  | 30  | 39 | 33 | 28 | 35 | 30 | 26 | 32 | 27 | 24 |    |    | 22 |
| 9   | 53  | 41  | 33  | 28  | 50  | 39  | 32  | 27  | 36 | 30 | 25 | 32 | 27 | 24 | 29 | 25 | 22 |    |    | 20 |
| 10  | 50  | 37  | 30  | 25  | 47  | 36  | 29  | 24  | 33 | 27 | 23 | 30 | 25 | 21 | 27 | 23 | 20 |    |    | 18 |

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

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 11339 | 11339 | 11339 | 11339 |
| 5°  | 11348 | 12863 | 11358 | 9759  |
| 10° | 11278 | 14662 | 11259 | 8377  |
| 15° | 11195 | 15897 | 11126 | 7569  |
| 20° | 11054 | 17420 | 10953 | 6910  |
| 25° | 10929 | 19960 | 10729 | 6520  |
| 30° | 10748 | 21057 | 10562 | 6166  |
| 35° | 10463 | 16880 | 10244 | 5882  |
| 40° | 10018 | 11667 | 9871  | 5582  |
| 45° | 9456  | 8686  | 9349  | 5332  |
| 50° | 8812  | 7150  | 8667  | 5132  |
| 55° | 8118  | 6099  | 8053  | 4959  |
| 60° | 7436  | 5220  | 7307  | 4825  |
| 65° | 6701  | 4508  | 6593  | 4629  |
| 70° | 5925  | 3743  | 5846  | 4288  |
| 75° | 5104  | 2894  | 5033  | 3721  |
| 80° | 4030  | 1958  | 3884  | 2736  |
| 85° | 2579  | 980   | 2493  | 1395  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 135°

Vertical Angle: 45°

Luminance: 17319 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 170.3  | 2.3       |
| 10°-20°   | 507.3  | 7.0       |
| 20°-30°   | 824.1  | 11.3      |
| 30°-40°   | 1007.2 | 13.8      |
| 40°-50°   | 913.6  | 12.6      |
| 50°-60°   | 727.7  | 10.0      |
| 60°-70°   | 506.8  | 7.0       |
| 70°-80°   | 270.0  | 3.7       |
| 80°-90°   | 68.0   | 0.9       |
| 90°-100°  | 25.2   | 0.3       |
| 100°-110° | 167.4  | 2.3       |
| 110°-120° | 301.4  | 4.1       |
| 120°-130° | 386.9  | 5.3       |
| 130°-140° | 416.1  | 5.7       |
| 140°-150° | 390.5  | 5.4       |
| 150°-160° | 315.9  | 4.3       |
| 160°-170° | 204.3  | 2.8       |
| 170°-180° | 70.5   | 1.0       |
| 0°-30°    | 1501.8 | 20.6      |
| 0°-40°    | 2509.0 | 34.5      |
| 0°-60°    | 4150.2 | 57.1      |
| 0°-90°    | 4995.1 | 68.7      |
| 90°-120°  | 493.9  | 6.8       |
| 90°-150°  | 1687.3 | 23.2      |
| 90°-180°  | 2278.0 | 31.3      |
| 0°-180°   | 7273.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 1770 | 1770 | 1770 | 1770 | 1770 |      |
| 5°   | 1768 | 2042 | 1770 | 1549 | 1768 | 168  |
| 15°  | 1699 | 2550 | 1689 | 1214 | 1699 | 480  |
| 25°  | 1564 | 3137 | 1535 | 1025 | 1564 | 720  |
| 35°  | 1361 | 2518 | 1333 | 877  | 1361 | 850  |
| 45°  | 1070 | 1187 | 1058 | 729  | 1070 | 824  |
| 55°  | 753  | 732  | 747  | 595  | 753  | 673  |
| 65°  | 466  | 449  | 458  | 461  | 466  | 462  |
| 75°  | 225  | 221  | 222  | 284  | 225  | 240  |
| 85°  | 45   | 50   | 44   | 71   | 45   | 54   |
| 90°  | 0    | 13   | 0    | 13   | 0    | 5    |
| 95°  | 31   | 12   | 31   | 12   | 31   | 38   |
| 105° | 162  | 163  | 162  | 163  | 162  | 171  |
| 115° | 303  | 301  | 303  | 301  | 303  | 301  |
| 125° | 432  | 432  | 432  | 432  | 432  | 385  |
| 135° | 538  | 536  | 538  | 536  | 538  | 415  |
| 145° | 624  | 622  | 624  | 622  | 624  | 390  |
| 155° | 687  | 682  | 687  | 682  | 687  | 317  |
| 165° | 725  | 721  | 725  | 721  | 725  | 205  |
| 175° | 742  | 738  | 742  | 738  | 742  | 71   |
| 180° | 742  | 742  | 742  | 742  | 742  |      |

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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1769.8 | 1769.8 | 1769.8 | 1769.8 | 1769.8 | 1769.8 | 1769.8 | 1769.8 | 1769.8 | 1769.8 | 1769.8 |
| 2.5°   | 1772.8 | 1783.3 | 1795.3 | 1804.3 | 1819.3 | 1823.8 | 1831.4 | 1835.9 | 1840.4 | 1844.9 | 1847.9 |
| 5°     | 1768.3 | 1793.8 | 1816.3 | 1832.9 | 1861.4 | 1871.9 | 1885.4 | 1902.0 | 1921.5 | 1938.0 | 1948.5 |
| 7.5°   | 1756.2 | 1796.8 | 1826.8 | 1859.9 | 1899.0 | 1924.5 | 1938.0 | 1972.6 | 2004.1 | 2028.2 | 2059.7 |
| 10°    | 1741.2 | 1789.3 | 1835.9 | 1885.4 | 1941.0 | 1969.6 | 1996.6 | 2044.7 | 2088.3 | 2127.3 | 2158.9 |
| 12.5°  | 1724.7 | 1783.3 | 1838.9 | 1903.5 | 1978.6 | 2013.1 | 2031.2 | 2113.8 | 2167.9 | 2188.9 | 2250.5 |
| 15°    | 1699.1 | 1768.3 | 1847.9 | 1927.5 | 1990.6 | 2031.2 | 2080.7 | 2146.8 | 2200.9 | 2247.5 | 2297.1 |
| 17.5°  | 1675.1 | 1750.2 | 1831.4 | 1920.0 | 2011.6 | 2064.2 | 2101.8 | 2160.4 | 2219.0 | 2279.1 | 2325.6 |
| 20°    | 1636.0 | 1733.7 | 1816.3 | 1911.0 | 2019.1 | 2056.7 | 2095.8 | 2164.9 | 2228.0 | 2292.6 | 2351.2 |
| 22.5°  | 1604.5 | 1697.6 | 1810.3 | 1900.5 | 1992.1 | 2029.7 | 2077.7 | 2149.8 | 2225.0 | 2298.6 | 2384.2 |
| 25°    | 1563.9 | 1667.6 | 1765.3 | 1861.4 | 1956.0 | 1996.6 | 2040.2 | 2133.3 | 2211.4 | 2306.1 | 2400.7 |
| 27.5°  | 1520.4 | 1627.0 | 1724.7 | 1811.8 | 1900.5 | 1956.0 | 2002.6 | 2100.3 | 2203.9 | 2307.6 | 2430.8 |
| 30°    | 1473.8 | 1574.5 | 1667.6 | 1753.2 | 1850.9 | 1908.0 | 1954.5 | 2068.7 | 2184.4 | 2316.6 | 2463.8 |
| 32.5°  | 1424.2 | 1518.9 | 1598.5 | 1685.6 | 1789.3 | 1841.9 | 1905.0 | 2029.7 | 2166.4 | 2324.1 | 2508.9 |
| 35°    | 1361.1 | 1451.3 | 1521.9 | 1610.5 | 1714.2 | 1781.8 | 1847.9 | 1987.6 | 2146.8 | 2322.6 | 2534.4 |
| 37.5°  | 1298.0 | 1368.6 | 1436.2 | 1530.9 | 1651.1 | 1712.7 | 1781.8 | 1935.0 | 2116.8 | 2318.1 | 2545.0 |
| 40°    | 1222.9 | 1292.0 | 1350.6 | 1446.8 | 1573.0 | 1643.6 | 1715.7 | 1876.4 | 2082.2 | 2301.6 | 2507.4 |
| 42.5°  | 1147.8 | 1206.4 | 1271.0 | 1371.6 | 1493.3 | 1568.4 | 1645.1 | 1823.8 | 2037.2 | 2253.5 | 2403.7 |
| 45°    | 1069.7 | 1114.7 | 1185.3 | 1277.0 | 1406.2 | 1478.3 | 1565.4 | 1759.2 | 1974.1 | 2166.4 | 2241.5 |
| 47.5°  | 988.5  | 1033.6 | 1099.7 | 1188.4 | 1316.1 | 1401.7 | 1484.3 | 1678.1 | 1894.5 | 2043.2 | 2043.2 |
| 50°    | 910.4  | 946.5  | 1011.1 | 1099.7 | 1228.9 | 1307.0 | 1391.2 | 1597.0 | 1771.3 | 1880.9 | 1783.3 |
| 52.5°  | 826.3  | 866.9  | 920.9  | 1014.1 | 1141.8 | 1212.4 | 1304.0 | 1479.8 | 1645.1 | 1690.1 | 1539.9 |
| 55°    | 752.7  | 785.7  | 836.8  | 925.4  | 1044.1 | 1117.7 | 1195.9 | 1364.1 | 1503.8 | 1500.8 | 1340.1 |
| 57.5°  | 676.1  | 703.1  | 757.2  | 838.3  | 948.0  | 1014.1 | 1092.2 | 1237.9 | 1352.1 | 1311.5 | 1159.8 |
| 60°    | 605.4  | 625.0  | 677.6  | 743.7  | 848.8  | 910.4  | 985.5  | 1104.2 | 1191.4 | 1134.3 | 981.0  |
| 62.5°  | 531.8  | 554.4  | 596.4  | 661.0  | 754.2  | 803.8  | 859.3  | 979.5  | 1035.1 | 984.0  | 827.8  |
| 65°    | 465.7  | 483.8  | 521.3  | 575.4  | 659.5  | 704.6  | 752.7  | 851.8  | 904.4  | 830.8  | 701.6  |
| 67.5°  | 399.6  | 420.7  | 447.7  | 495.8  | 561.9  | 603.9  | 646.0  | 731.6  | 755.7  | 689.6  | 581.4  |
| 70°    | 338.0  | 356.1  | 381.6  | 416.1  | 471.7  | 509.3  | 540.8  | 611.5  | 628.0  | 566.4  | 480.7  |
| 72.5°  | 277.9  | 290.0  | 311.0  | 339.5  | 390.6  | 411.6  | 444.7  | 492.8  | 513.8  | 458.2  | 396.6  |
| 75°    | 225.4  | 234.4  | 247.9  | 268.9  | 303.5  | 326.0  | 353.1  | 398.1  | 396.6  | 357.6  | 314.0  |
| 77.5°  | 174.3  | 175.8  | 190.8  | 210.3  | 231.4  | 250.9  | 264.4  | 296.0  | 299.0  | 274.9  | 238.9  |
| 80°    | 124.7  | 129.2  | 135.2  | 150.2  | 168.3  | 175.8  | 192.3  | 211.8  | 214.8  | 196.8  | 172.8  |
| 82.5°  | 79.6   | 82.6   | 87.1   | 96.1   | 108.2  | 117.2  | 126.2  | 133.7  | 141.2  | 130.7  | 111.2  |
| 85°    | 45.1   | 46.6   | 51.1   | 54.1   | 60.1   | 64.6   | 72.1   | 79.6   | 78.1   | 70.6   | 64.6   |
| 87.5°  | 22.5   | 22.5   | 22.5   | 25.5   | 28.5   | 28.5   | 31.5   | 33.1   | 34.6   | 31.5   | 28.5   |
| 90°    | 0.5    | 1.5    | 2.5    | 3.4    | 4.4    | 4.9    | 5.3    | 6.2    | 7.1    | 7.9    | 8.8    |
| 92.5°  | 10.4   | 9.3    | 8.2    | 7.1    | 6.0    | 5.5    | 5.9    | 6.6    | 7.3    | 8.1    | 8.8    |
| 95°    | 31.3   | 30.9   | 30.6   | 30.2   | 29.9   | 29.7   | 27.4   | 22.7   | 18.1   | 13.4   | 8.8    |
| 97.5°  | 58.8   | 59.5   | 60.3   | 61.0   | 61.7   | 62.1   | 56.3   | 44.7   | 33.1   | 21.5   | 9.9    |
| 100°   | 91.8   | 92.2   | 92.6   | 92.9   | 93.3   | 93.5   | 93.7   | 94.2   | 94.7   | 95.1   | 95.6   |
| 102.5° | 125.3  | 125.8  | 126.3  | 126.8  | 127.3  | 127.5  | 127.6  | 127.9  | 128.1  | 128.4  | 128.6  |
| 105°   | 161.6  | 162.1  | 162.6  | 163.1  | 163.6  | 163.8  | 163.8  | 163.8  | 163.8  | 163.8  | 163.8  |
| 107.5° | 199.0  | 199.0  | 199.0  | 199.0  | 199.0  | 199.0  | 199.1  | 199.4  | 199.6  | 199.9  | 200.1  |
| 110°   | 235.3  | 235.3  | 235.3  | 235.3  | 235.3  | 235.3  | 235.4  | 235.7  | 235.9  | 236.2  | 236.4  |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 22.5° | 25°   | 30°   | 35°   | 40°   | 45°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 269.4 | 269.8 | 270.1 | 270.5 | 270.8 | 271.0 | 271.1 | 271.2 | 271.3 | 271.5 | 271.6 |
| 115°   | 303.4 | 304.0 | 304.6 | 305.3 | 305.9 | 306.2 | 306.3 | 306.4 | 306.5 | 306.6 | 306.7 |
| 117.5° | 339.2 | 339.2 | 339.2 | 339.2 | 339.2 | 339.2 | 339.4 | 339.9 | 340.4 | 340.9 | 341.4 |
| 120°   | 372.2 | 372.1 | 371.9 | 371.8 | 371.7 | 371.6 | 371.8 | 372.2 | 372.5 | 372.9 | 373.3 |
| 122.5° | 401.3 | 401.9 | 402.5 | 403.1 | 403.7 | 404.0 | 404.1 | 404.2 | 404.3 | 404.5 | 404.6 |
| 125°   | 431.5 | 432.4 | 433.2 | 434.1 | 435.0 | 435.4 | 435.4 | 435.4 | 435.4 | 435.4 | 435.4 |
| 127.5° | 460.7 | 461.3 | 461.9 | 462.5 | 463.1 | 463.4 | 463.3 | 463.2 | 463.1 | 463.0 | 462.9 |
| 130°   | 487.0 | 487.6 | 488.2 | 488.9 | 489.5 | 489.8 | 489.9 | 490.0 | 490.1 | 490.2 | 490.3 |
| 132.5° | 513.4 | 514.1 | 514.9 | 515.6 | 516.3 | 516.7 | 516.5 | 516.2 | 515.8 | 515.5 | 515.1 |
| 135°   | 538.2 | 538.9 | 539.7 | 540.4 | 541.1 | 541.5 | 541.4 | 541.1 | 540.9 | 540.6 | 540.4 |
| 137.5° | 561.3 | 562.0 | 562.7 | 563.4 | 564.1 | 564.5 | 564.4 | 564.1 | 563.9 | 563.6 | 563.4 |
| 140°   | 583.8 | 584.0 | 584.3 | 584.5 | 584.8 | 584.9 | 584.8 | 584.7 | 584.6 | 584.4 | 584.3 |
| 142.5° | 604.1 | 604.2 | 604.4 | 604.5 | 604.6 | 604.7 | 604.8 | 605.1 | 605.3 | 605.6 | 605.8 |
| 145°   | 623.9 | 624.1 | 624.4 | 624.6 | 624.9 | 625.0 | 625.0 | 625.0 | 625.0 | 625.0 | 625.0 |
| 147.5° | 641.5 | 641.5 | 641.5 | 641.5 | 641.5 | 641.5 | 641.6 | 641.7 | 641.8 | 642.0 | 642.1 |
| 150°   | 658.0 | 657.8 | 657.5 | 657.3 | 657.0 | 656.9 | 657.0 | 657.3 | 657.5 | 657.8 | 658.0 |
| 152.5° | 673.9 | 673.3 | 672.7 | 672.1 | 671.5 | 671.2 | 671.3 | 671.6 | 671.8 | 672.1 | 672.3 |
| 155°   | 687.1 | 686.4 | 685.6 | 684.9 | 684.2 | 683.8 | 683.9 | 684.2 | 684.4 | 684.7 | 684.9 |
| 157.5° | 697.6 | 697.2 | 696.8 | 696.5 | 696.1 | 695.9 | 695.9 | 695.9 | 695.9 | 695.9 | 695.9 |
| 160°   | 708.6 | 707.9 | 707.1 | 706.4 | 705.7 | 705.3 | 705.4 | 705.5 | 705.6 | 705.7 | 705.8 |
| 162.5° | 717.4 | 716.7 | 715.9 | 715.2 | 714.5 | 714.1 | 714.2 | 714.3 | 714.4 | 714.5 | 714.6 |
| 165°   | 725.1 | 724.4 | 723.6 | 722.9 | 722.2 | 721.8 | 721.9 | 722.0 | 722.1 | 722.2 | 722.3 |
| 167.5° | 731.1 | 730.4 | 729.6 | 728.9 | 728.2 | 727.8 | 727.9 | 728.0 | 728.1 | 728.3 | 728.4 |
| 170°   | 736.1 | 735.2 | 734.4 | 733.5 | 732.6 | 732.2 | 732.3 | 732.4 | 732.5 | 732.7 | 732.8 |
| 172.5° | 739.4 | 738.5 | 737.7 | 736.8 | 735.9 | 735.5 | 735.6 | 735.9 | 736.1 | 736.4 | 736.6 |
| 175°   | 741.6 | 740.9 | 740.1 | 739.4 | 738.7 | 738.3 | 738.4 | 738.5 | 738.6 | 738.7 | 738.8 |
| 177.5° | 743.2 | 742.5 | 741.7 | 741.0 | 740.3 | 739.9 | 740.0 | 740.1 | 740.2 | 740.4 | 740.5 |
| 180°   | 741.6 | 741.6 | 741.6 | 741.6 | 741.6 | 741.6 | 741.6 | 741.6 | 741.6 | 741.6 | 741.6 |

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**CANDELA DISTRIBUTION (continued):**

|        | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1769.8 | 1769.8 | 1769.8 | 1769.8 | 1769.8 | 1769.8 | 1769.8 | 1769.8 | 1769.8 | 1769.8 | 1769.8 |
| 2.5°   | 1850.9 | 1861.4 | 1870.4 | 1877.9 | 1883.9 | 1892.9 | 1886.9 | 1888.4 | 1891.4 | 1897.5 | 1897.5 |
| 5°     | 1971.1 | 1987.6 | 1996.6 | 2026.7 | 2034.2 | 2032.7 | 2028.2 | 2052.2 | 2050.7 | 2041.7 | 2040.2 |
| 7.5°   | 2088.3 | 2116.8 | 2142.3 | 2166.4 | 2173.9 | 2193.4 | 2197.9 | 2208.4 | 2205.4 | 2220.5 | 2212.9 |
| 10°    | 2194.9 | 2240.0 | 2264.0 | 2300.1 | 2309.1 | 2318.1 | 2330.1 | 2336.1 | 2349.7 | 2348.2 | 2348.2 |
| 12.5°  | 2277.5 | 2331.6 | 2363.2 | 2372.2 | 2406.8 | 2417.3 | 2427.8 | 2447.3 | 2442.8 | 2444.3 | 2453.3 |
| 15°    | 2342.1 | 2394.7 | 2421.8 | 2463.8 | 2487.9 | 2499.9 | 2517.9 | 2539.0 | 2536.0 | 2549.5 | 2546.5 |
| 17.5°  | 2390.2 | 2439.8 | 2489.4 | 2552.5 | 2554.0 | 2585.5 | 2627.6 | 2636.6 | 2656.1 | 2642.6 | 2642.6 |
| 20°    | 2429.3 | 2495.4 | 2566.0 | 2647.1 | 2656.1 | 2675.7 | 2726.7 | 2761.3 | 2783.8 | 2776.3 | 2780.8 |
| 22.5°  | 2471.4 | 2566.0 | 2648.6 | 2729.8 | 2773.3 | 2807.9 | 2857.5 | 2911.5 | 2931.1 | 2943.1 | 2940.1 |
| 25°    | 2525.4 | 2624.6 | 2746.3 | 2859.0 | 2904.0 | 2970.1 | 3036.2 | 3088.8 | 3103.8 | 3136.9 | 3106.8 |
| 27.5°  | 2581.0 | 2720.7 | 2872.5 | 3004.7 | 3061.8 | 3115.9 | 3195.5 | 3234.5 | 3254.1 | 3269.1 | 3258.6 |
| 30°    | 2627.6 | 2819.9 | 2985.2 | 3106.8 | 3147.4 | 3179.0 | 3224.0 | 3233.0 | 3225.5 | 3237.5 | 3252.6 |
| 32.5°  | 2699.7 | 2887.5 | 3027.2 | 3085.8 | 3081.3 | 3079.8 | 3045.2 | 2997.2 | 2986.7 | 2958.1 | 2997.2 |
| 35°    | 2738.8 | 2889.0 | 2943.1 | 2865.0 | 2833.4 | 2776.3 | 2666.7 | 2594.5 | 2531.4 | 2517.9 | 2520.9 |
| 37.5°  | 2716.2 | 2774.8 | 2710.2 | 2504.4 | 2453.3 | 2366.2 | 2220.5 | 2118.3 | 2071.7 | 2035.7 | 2082.2 |
| 40°    | 2594.5 | 2529.9 | 2352.7 | 2101.8 | 2028.2 | 1945.5 | 1808.8 | 1753.2 | 1687.1 | 1673.6 | 1735.2 |
| 42.5°  | 2393.2 | 2196.4 | 1945.5 | 1751.7 | 1675.1 | 1628.5 | 1514.4 | 1461.8 | 1415.2 | 1394.2 | 1428.7 |
| 45°    | 2119.8 | 1880.9 | 1628.5 | 1469.3 | 1404.7 | 1349.1 | 1281.5 | 1225.9 | 1195.9 | 1186.8 | 1215.4 |
| 47.5°  | 1837.4 | 1585.0 | 1383.7 | 1265.0 | 1197.4 | 1155.3 | 1092.2 | 1060.7 | 1036.6 | 1039.6 | 1044.1 |
| 50°    | 1566.9 | 1337.1 | 1182.3 | 1063.7 | 1030.6 | 997.6  | 955.5  | 928.4  | 916.4  | 920.9  | 917.9  |
| 52.5°  | 1334.1 | 1147.8 | 1017.1 | 925.4  | 910.4  | 878.9  | 844.3  | 821.8  | 817.3  | 818.8  | 823.3  |
| 55°    | 1129.8 | 984.0  | 880.4  | 814.3  | 797.7  | 775.2  | 754.2  | 739.2  | 727.1  | 731.6  | 730.1  |
| 57.5°  | 975.0  | 847.3  | 767.7  | 713.6  | 701.6  | 688.1  | 668.5  | 661.0  | 656.5  | 647.5  | 655.0  |
| 60°    | 838.3  | 734.6  | 665.5  | 632.5  | 622.0  | 613.0  | 591.9  | 582.9  | 579.9  | 575.4  | 587.4  |
| 62.5°  | 709.1  | 635.5  | 582.9  | 552.9  | 542.3  | 533.3  | 522.8  | 515.3  | 516.8  | 510.8  | 516.8  |
| 65°    | 606.9  | 546.9  | 509.3  | 482.3  | 468.7  | 462.7  | 461.2  | 449.2  | 447.7  | 449.2  | 450.7  |
| 67.5°  | 512.3  | 461.2  | 432.7  | 416.1  | 405.6  | 399.6  | 395.1  | 387.6  | 393.6  | 389.1  | 392.1  |
| 70°    | 426.7  | 392.1  | 362.1  | 345.5  | 341.0  | 342.5  | 335.0  | 332.0  | 333.5  | 330.5  | 333.5  |
| 72.5°  | 344.0  | 315.5  | 303.5  | 291.5  | 285.4  | 283.9  | 279.4  | 274.9  | 279.4  | 277.9  | 277.9  |
| 75°    | 274.9  | 253.9  | 240.4  | 232.9  | 232.9  | 229.9  | 222.3  | 222.3  | 222.3  | 220.8  | 222.3  |
| 77.5°  | 211.8  | 193.8  | 187.8  | 180.3  | 180.3  | 175.8  | 174.3  | 174.3  | 171.3  | 175.8  | 172.8  |
| 80°    | 157.7  | 144.2  | 135.2  | 130.7  | 130.7  | 129.2  | 126.2  | 124.7  | 126.2  | 124.7  | 124.7  |
| 82.5°  | 102.2  | 96.1   | 91.6   | 87.1   | 85.6   | 87.1   | 85.6   | 82.6   | 84.1   | 82.6   | 85.6   |
| 85°    | 58.6   | 52.6   | 52.6   | 49.6   | 51.1   | 48.1   | 49.6   | 46.6   | 45.1   | 49.6   | 46.6   |
| 87.5°  | 25.5   | 24.0   | 24.0   | 21.0   | 21.0   | 21.0   | 19.5   | 21.0   | 19.5   | 18.0   | 19.5   |
| 90°    | 9.4    | 10.0   | 10.6   | 11.2   | 11.5   | 11.7   | 12.1   | 12.4   | 12.8   | 13.2   | 12.8   |
| 92.5°  | 9.4    | 10.0   | 10.6   | 11.2   | 11.5   | 11.6   | 11.7   | 11.8   | 12.0   | 12.1   | 12.0   |
| 95°    | 9.4    | 10.0   | 10.6   | 11.2   | 11.5   | 11.5   | 11.5   | 11.5   | 11.5   | 11.5   | 11.5   |
| 97.5°  | 10.1   | 10.4   | 10.6   | 10.9   | 11.0   | 11.1   | 11.2   | 11.3   | 11.4   | 11.5   | 11.4   |
| 100°   | 77.4   | 59.2   | 41.0   | 22.8   | 13.7   | 13.5   | 13.0   | 12.5   | 12.0   | 11.5   | 12.0   |
| 102.5° | 128.8  | 129.1  | 129.3  | 129.6  | 129.7  | 124.6  | 114.3  | 104.1  | 93.8   | 83.6   | 93.8   |
| 105°   | 163.8  | 163.8  | 163.8  | 163.8  | 163.8  | 163.7  | 163.6  | 163.5  | 163.4  | 163.3  | 163.4  |
| 107.5° | 200.2  | 200.3  | 200.4  | 200.5  | 200.6  | 200.4  | 199.9  | 199.4  | 198.9  | 198.4  | 198.9  |
| 110°   | 236.0  | 235.6  | 235.3  | 234.9  | 234.7  | 234.8  | 234.9  | 235.0  | 235.2  | 235.3  | 235.2  |

TEST NUMBER: P1026803

CATALOG NUMBER: S125DIP-B1270D610UB2750-4F0-XX-W2A-A\_5000K

**CANDELA DISTRIBUTION (continued):**

|        | 50°   | 55°   | 60°   | 65°   | 67.5° | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 271.1 | 270.6 | 270.1 | 269.6 | 269.4 | 269.3 | 269.0 | 268.8 | 268.5 | 268.3 | 268.5 |
| 115°   | 306.2 | 305.7 | 305.2 | 304.7 | 304.5 | 304.1 | 303.4 | 302.7 | 301.9 | 301.2 | 301.9 |
| 117.5° | 340.7 | 339.9 | 339.2 | 338.5 | 338.1 | 338.0 | 337.7 | 337.5 | 337.2 | 337.0 | 337.2 |
| 120°   | 373.1 | 372.8 | 372.6 | 372.3 | 372.2 | 371.9 | 371.3 | 370.6 | 370.0 | 369.4 | 370.0 |
| 122.5° | 404.4 | 404.1 | 403.9 | 403.6 | 403.5 | 403.1 | 402.4 | 401.7 | 400.9 | 400.2 | 400.9 |
| 125°   | 434.9 | 434.4 | 433.9 | 433.4 | 433.2 | 433.0 | 432.6 | 432.3 | 431.9 | 431.5 | 431.9 |
| 127.5° | 462.7 | 462.4 | 462.2 | 461.9 | 461.8 | 461.3 | 460.3 | 459.4 | 458.4 | 457.4 | 458.4 |
| 130°   | 489.9 | 489.6 | 489.2 | 488.9 | 488.7 | 488.4 | 487.8 | 487.1 | 486.5 | 485.9 | 486.5 |
| 132.5° | 515.1 | 515.1 | 515.1 | 515.1 | 515.1 | 514.8 | 514.2 | 513.5 | 512.9 | 512.3 | 512.9 |
| 135°   | 540.2 | 539.9 | 539.7 | 539.4 | 539.3 | 538.9 | 538.2 | 537.5 | 536.7 | 536.0 | 536.7 |
| 137.5° | 563.4 | 563.4 | 563.4 | 563.4 | 563.4 | 563.1 | 562.5 | 561.9 | 561.3 | 560.7 | 561.3 |
| 140°   | 584.5 | 584.8 | 585.0 | 585.3 | 585.4 | 585.0 | 584.3 | 583.6 | 582.8 | 582.1 | 582.8 |
| 142.5° | 605.8 | 605.8 | 605.8 | 605.8 | 605.8 | 605.4 | 604.7 | 604.0 | 603.2 | 602.5 | 603.2 |
| 145°   | 625.1 | 625.3 | 625.4 | 625.5 | 625.6 | 625.2 | 624.5 | 623.8 | 623.0 | 622.3 | 623.0 |
| 147.5° | 642.2 | 642.3 | 642.4 | 642.5 | 642.6 | 642.2 | 641.3 | 640.5 | 639.6 | 638.8 | 639.6 |
| 150°   | 658.2 | 658.5 | 658.7 | 659.0 | 659.1 | 658.6 | 657.6 | 656.7 | 655.7 | 654.7 | 655.7 |
| 152.5° | 672.5 | 672.8 | 673.0 | 673.3 | 673.4 | 673.0 | 672.1 | 671.2 | 670.4 | 669.5 | 670.4 |
| 155°   | 685.3 | 685.7 | 686.0 | 686.4 | 686.6 | 686.1 | 685.1 | 684.2 | 683.2 | 682.2 | 683.2 |
| 157.5° | 696.3 | 696.7 | 697.0 | 697.4 | 697.6 | 697.1 | 696.1 | 695.2 | 694.2 | 693.2 | 694.2 |
| 160°   | 706.3 | 706.8 | 707.3 | 707.8 | 708.0 | 707.5 | 706.5 | 705.6 | 704.6 | 703.6 | 704.6 |
| 162.5° | 715.3 | 716.1 | 716.8 | 717.5 | 717.9 | 717.4 | 716.3 | 715.2 | 714.1 | 713.0 | 714.1 |
| 165°   | 723.0 | 723.8 | 724.5 | 725.2 | 725.6 | 725.1 | 724.1 | 723.2 | 722.2 | 721.2 | 722.2 |
| 167.5° | 729.2 | 730.1 | 730.9 | 731.8 | 732.2 | 731.7 | 730.6 | 729.5 | 728.4 | 727.3 | 728.4 |
| 170°   | 733.8 | 734.8 | 735.7 | 736.7 | 737.2 | 736.6 | 735.5 | 734.4 | 733.3 | 732.2 | 733.3 |
| 172.5° | 737.5 | 738.3 | 739.2 | 740.1 | 740.5 | 739.9 | 738.8 | 737.7 | 736.6 | 735.5 | 736.6 |
| 175°   | 739.8 | 740.8 | 741.7 | 742.7 | 743.2 | 742.7 | 741.6 | 740.5 | 739.4 | 738.3 | 739.4 |
| 177.5° | 741.3 | 742.2 | 743.0 | 743.9 | 744.3 | 743.8 | 742.8 | 741.9 | 740.9 | 739.9 | 740.9 |
| 180°   | 741.6 | 741.6 | 741.6 | 741.6 | 741.6 | 741.6 | 741.6 | 741.6 | 741.6 | 741.6 | 741.6 |

TEST NUMBER: P1026803

CATALOG NUMBER: S125DIP-B1270D610UB2750-4F0-XX-W2A-A\_5000K

**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1769.8 | 1769.8 | 1769.8 | 1769.8 | 1769.8 | 1769.8 | 1769.8 | 1769.8 | 1769.8 | 1769.8 | 1769.8 |
| 2.5°   | 1894.5 | 1883.9 | 1886.9 | 1883.9 | 1876.4 | 1871.9 | 1859.9 | 1844.9 | 1838.9 | 1831.4 | 1826.8 |
| 5°     | 2046.2 | 2038.7 | 2037.2 | 2025.2 | 2022.2 | 2004.1 | 1974.1 | 1959.1 | 1941.0 | 1923.0 | 1905.0 |
| 7.5°   | 2211.4 | 2202.4 | 2172.4 | 2167.9 | 2170.9 | 2148.3 | 2109.3 | 2079.2 | 2041.7 | 2016.1 | 1981.6 |
| 10°    | 2348.2 | 2330.1 | 2304.6 | 2306.1 | 2295.6 | 2265.5 | 2226.5 | 2194.9 | 2140.8 | 2107.8 | 2058.2 |
| 12.5°  | 2430.8 | 2415.8 | 2412.8 | 2397.7 | 2388.7 | 2349.7 | 2303.1 | 2262.5 | 2222.0 | 2176.9 | 2139.3 |
| 15°    | 2531.4 | 2511.9 | 2498.4 | 2477.4 | 2471.4 | 2430.8 | 2379.7 | 2333.1 | 2286.6 | 2244.5 | 2164.9 |
| 17.5°  | 2642.6 | 2621.6 | 2570.5 | 2566.0 | 2529.9 | 2490.9 | 2441.3 | 2372.2 | 2322.6 | 2262.5 | 2203.9 |
| 20°    | 2768.8 | 2738.8 | 2672.7 | 2656.1 | 2627.6 | 2563.0 | 2495.4 | 2418.8 | 2339.1 | 2277.5 | 2208.4 |
| 22.5°  | 2910.0 | 2857.5 | 2809.4 | 2756.8 | 2735.8 | 2656.1 | 2563.0 | 2469.8 | 2373.7 | 2289.6 | 2206.9 |
| 25°    | 3093.3 | 3024.2 | 2956.6 | 2904.0 | 2868.0 | 2764.3 | 2639.6 | 2516.4 | 2405.2 | 2295.6 | 2187.4 |
| 27.5°  | 3237.5 | 3177.5 | 3103.8 | 3034.7 | 2988.2 | 2865.0 | 2722.2 | 2563.0 | 2424.8 | 2291.1 | 2175.4 |
| 30°    | 3248.1 | 3230.0 | 3185.0 | 3147.4 | 3096.3 | 2964.1 | 2806.4 | 2626.1 | 2454.8 | 2292.6 | 2151.4 |
| 32.5°  | 3051.3 | 3087.3 | 3106.8 | 3112.9 | 3102.3 | 3025.7 | 2881.5 | 2683.2 | 2481.9 | 2279.1 | 2130.3 |
| 35°    | 2627.6 | 2723.7 | 2842.4 | 2887.5 | 2931.1 | 2971.6 | 2896.5 | 2723.7 | 2490.9 | 2276.0 | 2097.3 |
| 37.5°  | 2163.4 | 2250.5 | 2447.3 | 2537.5 | 2588.5 | 2749.3 | 2810.9 | 2717.7 | 2508.9 | 2279.1 | 2065.7 |
| 40°    | 1745.7 | 1883.9 | 2025.2 | 2146.8 | 2226.5 | 2406.8 | 2597.5 | 2618.6 | 2483.4 | 2250.5 | 2025.2 |
| 42.5°  | 1469.3 | 1550.4 | 1657.1 | 1769.8 | 1840.4 | 2053.7 | 2312.1 | 2463.8 | 2403.7 | 2203.9 | 1975.6 |
| 45°    | 1251.5 | 1311.5 | 1412.2 | 1449.8 | 1539.9 | 1744.2 | 2017.6 | 2237.0 | 2267.0 | 2130.3 | 1918.5 |
| 47.5°  | 1074.2 | 1125.3 | 1189.9 | 1236.4 | 1308.5 | 1461.8 | 1693.1 | 1935.0 | 2079.2 | 2029.7 | 1838.9 |
| 50°    | 946.5  | 988.5  | 1042.6 | 1069.7 | 1116.2 | 1254.5 | 1428.7 | 1669.1 | 1862.9 | 1879.4 | 1735.2 |
| 52.5°  | 839.8  | 863.8  | 905.9  | 936.0  | 973.5  | 1057.6 | 1215.4 | 1413.7 | 1631.5 | 1721.7 | 1607.5 |
| 55°    | 746.7  | 766.2  | 803.8  | 823.3  | 842.8  | 914.9  | 1038.1 | 1218.4 | 1422.7 | 1541.4 | 1476.8 |
| 57.5°  | 662.5  | 679.1  | 710.6  | 728.6  | 739.2  | 808.3  | 902.9  | 1044.1 | 1227.4 | 1371.6 | 1335.6 |
| 60°    | 593.4  | 608.4  | 626.5  | 640.0  | 652.0  | 709.1  | 775.2  | 889.4  | 1053.1 | 1192.9 | 1183.8 |
| 62.5°  | 519.8  | 533.3  | 552.9  | 566.4  | 576.9  | 613.0  | 668.5  | 755.7  | 895.4  | 1024.6 | 1050.1 |
| 65°    | 455.2  | 465.7  | 479.2  | 485.3  | 498.8  | 525.8  | 570.9  | 649.0  | 763.2  | 878.9  | 896.9  |
| 67.5°  | 396.6  | 399.6  | 408.6  | 422.2  | 425.2  | 449.2  | 489.8  | 548.4  | 637.0  | 731.6  | 760.2  |
| 70°    | 333.5  | 338.0  | 345.5  | 356.1  | 362.1  | 377.1  | 411.6  | 450.7  | 527.3  | 610.0  | 631.0  |
| 72.5°  | 277.9  | 283.9  | 286.9  | 293.0  | 296.0  | 320.0  | 335.0  | 374.1  | 426.7  | 495.8  | 518.3  |
| 75°    | 225.4  | 231.4  | 232.9  | 235.9  | 238.9  | 249.4  | 270.4  | 294.5  | 338.0  | 383.1  | 413.1  |
| 77.5°  | 178.8  | 177.3  | 180.3  | 184.8  | 183.3  | 192.3  | 205.8  | 226.9  | 255.4  | 293.0  | 312.5  |
| 80°    | 126.2  | 126.2  | 130.7  | 135.2  | 133.7  | 142.7  | 147.2  | 162.3  | 186.3  | 210.3  | 217.8  |
| 82.5°  | 84.1   | 84.1   | 88.6   | 88.6   | 91.6   | 93.1   | 99.2   | 106.7  | 126.2  | 138.2  | 142.7  |
| 85°    | 48.1   | 48.1   | 49.6   | 49.6   | 49.6   | 52.6   | 57.1   | 60.1   | 66.1   | 73.6   | 76.6   |
| 87.5°  | 19.5   | 21.0   | 21.0   | 21.0   | 21.0   | 24.0   | 24.0   | 27.0   | 28.5   | 31.5   | 31.5   |
| 90°    | 12.4   | 12.1   | 11.7   | 11.5   | 11.2   | 10.6   | 10.0   | 9.4    | 8.8    | 7.9    | 7.1    |
| 92.5°  | 11.8   | 11.7   | 11.6   | 11.5   | 11.2   | 10.6   | 10.0   | 9.4    | 8.8    | 8.1    | 7.3    |
| 95°    | 11.5   | 11.5   | 11.5   | 11.5   | 11.2   | 10.6   | 10.0   | 9.4    | 8.8    | 13.4   | 18.1   |
| 97.5°  | 11.3   | 11.2   | 11.1   | 11.0   | 10.9   | 10.6   | 10.4   | 10.1   | 9.9    | 21.5   | 33.1   |
| 100°   | 12.5   | 13.0   | 13.5   | 13.7   | 22.8   | 41.0   | 59.2   | 77.4   | 95.6   | 95.1   | 94.7   |
| 102.5° | 104.1  | 114.3  | 124.6  | 129.7  | 129.6  | 129.3  | 129.1  | 128.8  | 128.6  | 128.4  | 128.1  |
| 105°   | 163.5  | 163.6  | 163.7  | 163.8  | 163.8  | 163.8  | 163.8  | 163.8  | 163.8  | 163.8  | 163.8  |
| 107.5° | 199.4  | 199.9  | 200.4  | 200.6  | 200.5  | 200.4  | 200.3  | 200.2  | 200.1  | 199.9  | 199.6  |
| 110°   | 235.0  | 234.9  | 234.8  | 234.7  | 234.9  | 235.3  | 235.6  | 236.0  | 236.4  | 236.2  | 235.9  |

TEST NUMBER: P1026803

CATALOG NUMBER: S125DIP-B1270D610UB2750-4F0-XX-W2A-A\_5000K

**CANDELA DISTRIBUTION (continued):**

|        | 100°  | 105°  | 110°  | 112.5° | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  |
|--------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 268.8 | 269.0 | 269.3 | 269.4  | 269.6 | 270.1 | 270.6 | 271.1 | 271.6 | 271.5 | 271.3 |
| 115°   | 302.7 | 303.4 | 304.1 | 304.5  | 304.7 | 305.2 | 305.7 | 306.2 | 306.7 | 306.6 | 306.5 |
| 117.5° | 337.5 | 337.7 | 338.0 | 338.1  | 338.5 | 339.2 | 339.9 | 340.7 | 341.4 | 340.9 | 340.4 |
| 120°   | 370.6 | 371.3 | 371.9 | 372.2  | 372.3 | 372.6 | 372.8 | 373.1 | 373.3 | 372.9 | 372.5 |
| 122.5° | 401.7 | 402.4 | 403.1 | 403.5  | 403.6 | 403.9 | 404.1 | 404.4 | 404.6 | 404.5 | 404.3 |
| 125°   | 432.3 | 432.6 | 433.0 | 433.2  | 433.4 | 433.9 | 434.4 | 434.9 | 435.4 | 435.4 | 435.4 |
| 127.5° | 459.4 | 460.3 | 461.3 | 461.8  | 461.9 | 462.2 | 462.4 | 462.7 | 462.9 | 463.0 | 463.1 |
| 130°   | 487.1 | 487.8 | 488.4 | 488.7  | 488.9 | 489.2 | 489.6 | 489.9 | 490.3 | 490.2 | 490.1 |
| 132.5° | 513.5 | 514.2 | 514.8 | 515.1  | 515.1 | 515.1 | 515.1 | 515.1 | 515.1 | 515.5 | 515.8 |
| 135°   | 537.5 | 538.2 | 538.9 | 539.3  | 539.4 | 539.7 | 539.9 | 540.2 | 540.4 | 540.6 | 540.9 |
| 137.5° | 561.9 | 562.5 | 563.1 | 563.4  | 563.4 | 563.4 | 563.4 | 563.4 | 563.4 | 563.6 | 563.9 |
| 140°   | 583.6 | 584.3 | 585.0 | 585.4  | 585.3 | 585.0 | 584.8 | 584.5 | 584.3 | 584.4 | 584.6 |
| 142.5° | 604.0 | 604.7 | 605.4 | 605.8  | 605.8 | 605.8 | 605.8 | 605.8 | 605.8 | 605.6 | 605.3 |
| 145°   | 623.8 | 624.5 | 625.2 | 625.6  | 625.5 | 625.4 | 625.3 | 625.1 | 625.0 | 625.0 | 625.0 |
| 147.5° | 640.5 | 641.3 | 642.2 | 642.6  | 642.5 | 642.4 | 642.3 | 642.2 | 642.1 | 642.0 | 641.8 |
| 150°   | 656.7 | 657.6 | 658.6 | 659.1  | 659.0 | 658.7 | 658.5 | 658.2 | 658.0 | 657.8 | 657.5 |
| 152.5° | 671.2 | 672.1 | 673.0 | 673.4  | 673.3 | 673.0 | 672.8 | 672.5 | 672.3 | 672.1 | 671.8 |
| 155°   | 684.2 | 685.1 | 686.1 | 686.6  | 686.4 | 686.0 | 685.7 | 685.3 | 684.9 | 684.7 | 684.4 |
| 157.5° | 695.2 | 696.1 | 697.1 | 697.6  | 697.4 | 697.0 | 696.7 | 696.3 | 695.9 | 695.9 | 695.9 |
| 160°   | 705.6 | 706.5 | 707.5 | 708.0  | 707.8 | 707.3 | 706.8 | 706.3 | 705.8 | 705.7 | 705.6 |
| 162.5° | 715.2 | 716.3 | 717.4 | 717.9  | 717.5 | 716.8 | 716.1 | 715.3 | 714.6 | 714.5 | 714.4 |
| 165°   | 723.2 | 724.1 | 725.1 | 725.6  | 725.2 | 724.5 | 723.8 | 723.0 | 722.3 | 722.2 | 722.1 |
| 167.5° | 729.5 | 730.6 | 731.7 | 732.2  | 731.8 | 730.9 | 730.1 | 729.2 | 728.4 | 728.3 | 728.1 |
| 170°   | 734.4 | 735.5 | 736.6 | 737.2  | 736.7 | 735.7 | 734.8 | 733.8 | 732.8 | 732.7 | 732.5 |
| 172.5° | 737.7 | 738.8 | 739.9 | 740.5  | 740.1 | 739.2 | 738.3 | 737.5 | 736.6 | 736.4 | 736.1 |
| 175°   | 740.5 | 741.6 | 742.7 | 743.2  | 742.7 | 741.7 | 740.8 | 739.8 | 738.8 | 738.7 | 738.6 |
| 177.5° | 741.9 | 742.8 | 743.8 | 744.3  | 743.9 | 743.0 | 742.2 | 741.3 | 740.5 | 740.4 | 740.2 |
| 180°   | 741.6 | 741.6 | 741.6 | 741.6  | 741.6 | 741.6 | 741.6 | 741.6 | 741.6 | 741.6 | 741.6 |

TEST NUMBER: P1026803

CATALOG NUMBER: S125DIP-B1270D610UB2750-4F0-XX-W2A-A\_5000K

**CANDELA DISTRIBUTION (continued):**

|        | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1769.8 | 1769.8 | 1769.8 | 1769.8 | 1769.8 | 1769.8 | 1769.8 | 1769.8 | 1769.8 | 1769.8 | 1769.8 |
| 2.5°   | 1820.8 | 1813.3 | 1804.3 | 1804.3 | 1793.8 | 1789.3 | 1780.3 | 1777.3 | 1769.8 | 1757.7 | 1748.7 |
| 5°     | 1885.4 | 1865.9 | 1853.9 | 1843.4 | 1820.8 | 1804.3 | 1787.8 | 1769.8 | 1751.7 | 1730.7 | 1706.7 |
| 7.5°   | 1948.5 | 1912.5 | 1896.0 | 1877.9 | 1844.9 | 1810.3 | 1777.3 | 1753.2 | 1729.2 | 1696.1 | 1666.1 |
| 10°    | 2014.6 | 1969.6 | 1939.5 | 1915.5 | 1864.4 | 1820.8 | 1772.8 | 1738.2 | 1700.6 | 1658.6 | 1619.5 |
| 12.5°  | 2070.2 | 2011.6 | 1986.1 | 1941.0 | 1882.4 | 1829.9 | 1769.8 | 1717.2 | 1667.6 | 1618.0 | 1569.9 |
| 15°    | 2116.8 | 2061.2 | 1998.1 | 1980.1 | 1899.0 | 1823.8 | 1756.2 | 1688.6 | 1627.0 | 1577.5 | 1521.9 |
| 17.5°  | 2131.8 | 2061.2 | 2029.7 | 1986.1 | 1889.9 | 1811.8 | 1726.2 | 1652.6 | 1594.0 | 1520.4 | 1476.8 |
| 20°    | 2136.3 | 2068.7 | 2025.2 | 1984.6 | 1899.0 | 1795.3 | 1711.2 | 1621.0 | 1550.4 | 1476.8 | 1407.7 |
| 22.5°  | 2124.3 | 2044.7 | 2002.6 | 1963.6 | 1867.4 | 1778.8 | 1681.1 | 1582.0 | 1499.3 | 1431.7 | 1362.6 |
| 25°    | 2101.8 | 2008.6 | 1968.1 | 1926.0 | 1834.4 | 1736.7 | 1630.0 | 1535.4 | 1458.8 | 1377.6 | 1310.0 |
| 27.5°  | 2071.7 | 1965.1 | 1918.5 | 1874.9 | 1784.8 | 1693.1 | 1592.5 | 1494.8 | 1409.2 | 1323.6 | 1260.5 |
| 30°    | 2034.2 | 1911.0 | 1868.9 | 1811.8 | 1724.7 | 1637.6 | 1545.9 | 1448.3 | 1352.1 | 1271.0 | 1201.9 |
| 32.5°  | 1986.1 | 1856.9 | 1801.3 | 1747.2 | 1652.6 | 1573.0 | 1485.8 | 1394.2 | 1301.0 | 1221.4 | 1149.3 |
| 35°    | 1942.5 | 1795.3 | 1733.7 | 1679.6 | 1574.5 | 1490.3 | 1418.2 | 1332.6 | 1249.9 | 1167.3 | 1102.7 |
| 37.5°  | 1883.9 | 1733.7 | 1660.1 | 1604.5 | 1497.8 | 1412.2 | 1344.6 | 1278.5 | 1191.4 | 1111.7 | 1051.6 |
| 40°    | 1822.3 | 1657.1 | 1588.0 | 1532.4 | 1421.2 | 1328.1 | 1263.5 | 1204.9 | 1134.3 | 1060.7 | 997.6  |
| 42.5°  | 1766.8 | 1583.5 | 1509.9 | 1442.2 | 1329.6 | 1246.9 | 1180.8 | 1135.8 | 1071.2 | 1005.1 | 948.0  |
| 45°    | 1696.1 | 1505.3 | 1425.7 | 1355.1 | 1246.9 | 1156.8 | 1093.7 | 1057.6 | 1009.6 | 945.0  | 895.4  |
| 47.5°  | 1624.0 | 1421.2 | 1338.6 | 1269.5 | 1152.3 | 1072.7 | 1011.1 | 976.5  | 943.5  | 892.4  | 842.8  |
| 50°    | 1529.4 | 1332.6 | 1257.5 | 1177.8 | 1062.2 | 981.0  | 929.9  | 895.4  | 869.9  | 833.8  | 791.7  |
| 52.5°  | 1425.7 | 1240.9 | 1159.8 | 1090.7 | 976.5  | 902.9  | 844.3  | 824.8  | 799.2  | 772.2  | 736.1  |
| 55°    | 1316.1 | 1141.8 | 1063.7 | 996.1  | 890.9  | 815.8  | 767.7  | 746.7  | 727.1  | 706.1  | 682.1  |
| 57.5°  | 1206.4 | 1038.1 | 964.5  | 904.4  | 806.8  | 734.6  | 695.6  | 667.0  | 653.5  | 641.5  | 622.0  |
| 60°    | 1069.7 | 926.9  | 869.9  | 815.8  | 719.6  | 653.5  | 616.0  | 594.9  | 582.9  | 576.9  | 567.9  |
| 62.5°  | 949.5  | 832.3  | 769.2  | 716.6  | 640.0  | 581.4  | 545.3  | 528.8  | 518.3  | 515.3  | 504.8  |
| 65°    | 821.8  | 721.1  | 671.5  | 626.5  | 560.4  | 507.8  | 477.7  | 458.2  | 450.7  | 449.2  | 449.2  |
| 67.5°  | 701.6  | 620.5  | 570.9  | 539.3  | 482.3  | 435.7  | 407.1  | 399.6  | 395.1  | 389.1  | 387.6  |
| 70°    | 588.9  | 524.3  | 480.7  | 453.7  | 402.6  | 368.1  | 345.5  | 333.5  | 333.5  | 329.0  | 326.0  |
| 72.5°  | 489.8  | 425.2  | 396.6  | 374.1  | 332.0  | 302.0  | 285.4  | 282.4  | 271.9  | 270.4  | 270.4  |
| 75°    | 383.1  | 335.0  | 315.5  | 296.0  | 264.4  | 243.4  | 229.9  | 222.3  | 216.3  | 216.3  | 217.8  |
| 77.5°  | 288.4  | 255.4  | 237.4  | 222.3  | 199.8  | 186.3  | 175.8  | 172.8  | 166.8  | 166.8  | 166.8  |
| 80°    | 204.3  | 186.3  | 172.8  | 160.8  | 144.2  | 132.2  | 126.2  | 120.2  | 120.2  | 118.7  | 120.2  |
| 82.5°  | 132.2  | 117.2  | 109.7  | 108.2  | 93.1   | 88.6   | 81.1   | 82.6   | 78.1   | 76.6   | 79.6   |
| 85°    | 76.6   | 69.1   | 60.1   | 57.1   | 51.1   | 45.1   | 42.1   | 43.6   | 42.1   | 40.6   | 42.1   |
| 87.5°  | 30.0   | 25.5   | 24.0   | 24.0   | 19.5   | 18.0   | 16.5   | 18.0   | 15.0   | 15.0   | 16.5   |
| 90°    | 6.2    | 5.3    | 4.9    | 4.4    | 3.4    | 2.5    | 1.5    | 0.5    | 1.5    | 2.5    | 3.4    |
| 92.5°  | 6.6    | 5.9    | 5.5    | 6.0    | 7.1    | 8.2    | 9.3    | 10.4   | 9.3    | 8.2    | 7.1    |
| 95°    | 22.7   | 27.4   | 29.7   | 29.9   | 30.2   | 30.6   | 30.9   | 31.3   | 30.9   | 30.6   | 30.2   |
| 97.5°  | 44.7   | 56.3   | 62.1   | 61.7   | 61.0   | 60.3   | 59.5   | 58.8   | 59.5   | 60.3   | 61.0   |
| 100°   | 94.2   | 93.7   | 93.5   | 93.3   | 92.9   | 92.6   | 92.2   | 91.8   | 92.2   | 92.6   | 92.9   |
| 102.5° | 127.9  | 127.6  | 127.5  | 127.3  | 126.8  | 126.3  | 125.8  | 125.3  | 125.8  | 126.3  | 126.8  |
| 105°   | 163.8  | 163.8  | 163.8  | 163.6  | 163.1  | 162.6  | 162.1  | 161.6  | 162.1  | 162.6  | 163.1  |
| 107.5° | 199.4  | 199.1  | 199.0  | 199.0  | 199.0  | 199.0  | 199.0  | 199.0  | 199.0  | 199.0  | 199.0  |
| 110°   | 235.7  | 235.4  | 235.3  | 235.3  | 235.3  | 235.3  | 235.3  | 235.3  | 235.3  | 235.3  | 235.3  |

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**CANDELA DISTRIBUTION (continued):**

|        | 150°  | 155°  | 157.5° | 160°  | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  |
|--------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 271.2 | 271.1 | 271.0  | 270.8 | 270.5 | 270.1 | 269.8 | 269.4 | 269.8 | 270.1 | 270.5 |
| 115°   | 306.4 | 306.3 | 306.2  | 305.9 | 305.3 | 304.6 | 304.0 | 303.4 | 304.0 | 304.6 | 305.3 |
| 117.5° | 339.9 | 339.4 | 339.2  | 339.2 | 339.2 | 339.2 | 339.2 | 339.2 | 339.2 | 339.2 | 339.2 |
| 120°   | 372.2 | 371.8 | 371.6  | 371.7 | 371.8 | 371.9 | 372.1 | 372.2 | 372.1 | 371.9 | 371.8 |
| 122.5° | 404.2 | 404.1 | 404.0  | 403.7 | 403.1 | 402.5 | 401.9 | 401.3 | 401.9 | 402.5 | 403.1 |
| 125°   | 435.4 | 435.4 | 435.4  | 435.0 | 434.1 | 433.2 | 432.4 | 431.5 | 432.4 | 433.2 | 434.1 |
| 127.5° | 463.2 | 463.3 | 463.4  | 463.1 | 462.5 | 461.9 | 461.3 | 460.7 | 461.3 | 461.9 | 462.5 |
| 130°   | 490.0 | 489.9 | 489.8  | 489.5 | 488.9 | 488.2 | 487.6 | 487.0 | 487.6 | 488.2 | 488.9 |
| 132.5° | 516.2 | 516.5 | 516.7  | 516.3 | 515.6 | 514.9 | 514.1 | 513.4 | 514.1 | 514.9 | 515.6 |
| 135°   | 541.1 | 541.4 | 541.5  | 541.1 | 540.4 | 539.7 | 538.9 | 538.2 | 538.9 | 539.7 | 540.4 |
| 137.5° | 564.1 | 564.4 | 564.5  | 564.1 | 563.4 | 562.7 | 562.0 | 561.3 | 562.0 | 562.7 | 563.4 |
| 140°   | 584.7 | 584.8 | 584.9  | 584.8 | 584.5 | 584.3 | 584.0 | 583.8 | 584.0 | 584.3 | 584.5 |
| 142.5° | 605.1 | 604.8 | 604.7  | 604.6 | 604.5 | 604.4 | 604.2 | 604.1 | 604.2 | 604.4 | 604.5 |
| 145°   | 625.0 | 625.0 | 625.0  | 624.9 | 624.6 | 624.4 | 624.1 | 623.9 | 624.1 | 624.4 | 624.6 |
| 147.5° | 641.7 | 641.6 | 641.5  | 641.5 | 641.5 | 641.5 | 641.5 | 641.5 | 641.5 | 641.5 | 641.5 |
| 150°   | 657.3 | 657.0 | 656.9  | 657.0 | 657.3 | 657.5 | 657.8 | 658.0 | 657.8 | 657.5 | 657.3 |
| 152.5° | 671.6 | 671.3 | 671.2  | 671.5 | 672.1 | 672.7 | 673.3 | 673.9 | 673.3 | 672.7 | 672.1 |
| 155°   | 684.2 | 683.9 | 683.8  | 684.2 | 684.9 | 685.6 | 686.4 | 687.1 | 686.4 | 685.6 | 684.9 |
| 157.5° | 695.9 | 695.9 | 695.9  | 696.1 | 696.5 | 696.8 | 697.2 | 697.6 | 697.2 | 696.8 | 696.5 |
| 160°   | 705.5 | 705.4 | 705.3  | 705.7 | 706.4 | 707.1 | 707.9 | 708.6 | 707.9 | 707.1 | 706.4 |
| 162.5° | 714.3 | 714.2 | 714.1  | 714.5 | 715.2 | 715.9 | 716.7 | 717.4 | 716.7 | 715.9 | 715.2 |
| 165°   | 722.0 | 721.9 | 721.8  | 722.2 | 722.9 | 723.6 | 724.4 | 725.1 | 724.4 | 723.6 | 722.9 |
| 167.5° | 728.0 | 727.9 | 727.8  | 728.2 | 728.9 | 729.6 | 730.4 | 731.1 | 730.4 | 729.6 | 728.9 |
| 170°   | 732.4 | 732.3 | 732.2  | 732.6 | 733.5 | 734.4 | 735.2 | 736.1 | 735.2 | 734.4 | 733.5 |
| 172.5° | 735.9 | 735.6 | 735.5  | 735.9 | 736.8 | 737.7 | 738.5 | 739.4 | 738.5 | 737.7 | 736.8 |
| 175°   | 738.5 | 738.4 | 738.3  | 738.7 | 739.4 | 740.1 | 740.9 | 741.6 | 740.9 | 740.1 | 739.4 |
| 177.5° | 740.1 | 740.0 | 739.9  | 740.3 | 741.0 | 741.7 | 742.5 | 743.2 | 742.5 | 741.7 | 741.0 |
| 180°   | 741.6 | 741.6 | 741.6  | 741.6 | 741.6 | 741.6 | 741.6 | 741.6 | 741.6 | 741.6 | 741.6 |

TEST NUMBER: P1026803

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**CANDELA DISTRIBUTION (continued):**

|        | 200°   | 202.5° | 205°   | 210°   | 215°   | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1769.8 | 1769.8 | 1769.8 | 1769.8 | 1769.8 | 1769.8 | 1769.8 | 1769.8 | 1769.8 | 1769.8 | 1769.8 |
| 2.5°   | 1745.7 | 1742.7 | 1735.2 | 1730.7 | 1715.7 | 1697.6 | 1691.6 | 1676.6 | 1682.6 | 1672.1 | 1672.1 |
| 5°     | 1699.1 | 1685.6 | 1676.6 | 1663.1 | 1634.5 | 1615.0 | 1594.0 | 1583.5 | 1577.5 | 1569.9 | 1563.9 |
| 7.5°   | 1639.1 | 1628.5 | 1619.5 | 1594.0 | 1562.4 | 1535.4 | 1509.9 | 1499.3 | 1479.8 | 1466.3 | 1460.3 |
| 10°    | 1586.5 | 1571.4 | 1550.4 | 1520.4 | 1487.3 | 1452.8 | 1430.2 | 1407.7 | 1392.7 | 1385.2 | 1368.6 |
| 12.5°  | 1532.4 | 1514.4 | 1491.8 | 1448.3 | 1412.2 | 1391.2 | 1350.6 | 1329.6 | 1322.1 | 1316.1 | 1296.5 |
| 15°    | 1476.8 | 1457.3 | 1430.2 | 1389.7 | 1358.1 | 1308.5 | 1284.5 | 1268.0 | 1249.9 | 1248.4 | 1233.4 |
| 17.5°  | 1427.2 | 1403.2 | 1380.7 | 1331.1 | 1292.0 | 1248.4 | 1234.9 | 1216.9 | 1200.4 | 1182.3 | 1174.8 |
| 20°    | 1364.1 | 1341.6 | 1325.1 | 1271.0 | 1227.4 | 1200.4 | 1177.8 | 1162.8 | 1152.3 | 1134.3 | 1131.3 |
| 22.5°  | 1307.0 | 1283.0 | 1260.5 | 1219.9 | 1182.3 | 1147.8 | 1120.7 | 1104.2 | 1099.7 | 1092.2 | 1078.7 |
| 25°    | 1251.5 | 1227.4 | 1200.4 | 1162.8 | 1123.8 | 1099.7 | 1075.7 | 1065.2 | 1056.1 | 1044.1 | 1033.6 |
| 27.5°  | 1204.9 | 1182.3 | 1156.8 | 1110.2 | 1077.2 | 1059.2 | 1033.6 | 1021.6 | 1009.6 | 1003.6 | 999.1  |
| 30°    | 1149.3 | 1123.8 | 1104.2 | 1068.2 | 1032.1 | 1008.1 | 990.0  | 979.5  | 969.0  | 963.0  | 960.0  |
| 32.5°  | 1095.2 | 1071.2 | 1057.6 | 1018.6 | 990.0  | 961.5  | 948.0  | 940.5  | 934.5  | 928.4  | 922.4  |
| 35°    | 1051.6 | 1027.6 | 1006.6 | 970.5  | 942.0  | 922.4  | 911.9  | 899.9  | 895.4  | 889.4  | 889.4  |
| 37.5°  | 997.6  | 979.5  | 958.5  | 923.9  | 898.4  | 883.4  | 874.4  | 859.3  | 857.8  | 854.8  | 850.3  |
| 40°    | 951.0  | 933.0  | 913.4  | 883.4  | 860.8  | 842.8  | 830.8  | 823.3  | 818.8  | 815.8  | 812.8  |
| 42.5°  | 901.4  | 881.9  | 872.9  | 838.3  | 818.8  | 800.7  | 794.7  | 787.2  | 785.7  | 779.7  | 772.2  |
| 45°    | 853.3  | 836.8  | 818.8  | 793.2  | 776.7  | 761.7  | 752.7  | 746.7  | 739.2  | 737.6  | 733.1  |
| 47.5°  | 811.3  | 791.7  | 775.2  | 751.2  | 733.1  | 721.1  | 713.6  | 706.1  | 700.1  | 695.6  | 691.1  |
| 50°    | 757.2  | 742.2  | 728.6  | 703.1  | 688.1  | 676.1  | 665.5  | 659.5  | 653.5  | 653.5  | 653.5  |
| 52.5°  | 704.6  | 691.1  | 679.1  | 661.0  | 643.0  | 632.5  | 620.5  | 616.0  | 613.0  | 608.4  | 613.0  |
| 55°    | 653.5  | 640.0  | 628.0  | 614.5  | 593.4  | 584.4  | 572.4  | 567.9  | 569.4  | 569.4  | 573.9  |
| 57.5°  | 599.4  | 588.9  | 581.4  | 564.9  | 545.3  | 536.3  | 528.8  | 524.3  | 524.3  | 530.3  | 531.8  |
| 60°    | 546.9  | 536.3  | 522.8  | 507.8  | 495.8  | 485.3  | 480.7  | 482.3  | 482.3  | 485.3  | 492.8  |
| 62.5°  | 488.3  | 482.3  | 474.7  | 453.7  | 446.2  | 438.7  | 432.7  | 437.2  | 435.7  | 443.2  | 453.7  |
| 65°    | 434.2  | 428.2  | 417.7  | 407.1  | 398.1  | 390.6  | 389.1  | 390.6  | 393.6  | 401.1  | 413.1  |
| 67.5°  | 374.1  | 374.1  | 365.1  | 356.1  | 348.5  | 341.0  | 342.5  | 344.0  | 347.0  | 356.1  | 374.1  |
| 70°    | 324.5  | 318.5  | 309.5  | 303.5  | 297.5  | 294.5  | 291.5  | 297.5  | 306.5  | 312.5  | 326.0  |
| 72.5°  | 270.4  | 265.9  | 258.4  | 252.4  | 250.9  | 247.9  | 246.4  | 249.4  | 258.4  | 268.9  | 283.9  |
| 75°    | 213.3  | 214.8  | 210.3  | 205.8  | 205.8  | 201.3  | 204.3  | 204.3  | 213.3  | 223.8  | 235.9  |
| 77.5°  | 165.3  | 163.8  | 162.3  | 159.2  | 157.7  | 157.7  | 157.7  | 160.8  | 169.8  | 175.8  | 187.8  |
| 80°    | 117.2  | 118.7  | 114.2  | 115.7  | 114.2  | 115.7  | 115.7  | 121.7  | 126.2  | 133.7  | 142.7  |
| 82.5°  | 78.1   | 78.1   | 75.1   | 76.6   | 76.6   | 76.6   | 78.1   | 81.1   | 87.1   | 93.1   | 99.2   |
| 85°    | 43.6   | 45.1   | 42.1   | 45.1   | 45.1   | 45.1   | 46.6   | 48.1   | 52.6   | 54.1   | 60.1   |
| 87.5°  | 16.5   | 19.5   | 19.5   | 16.5   | 18.0   | 19.5   | 21.0   | 19.5   | 22.5   | 25.5   | 27.0   |
| 90°    | 4.4    | 4.9    | 5.3    | 6.2    | 7.1    | 7.9    | 8.8    | 9.4    | 10.0   | 10.6   | 11.2   |
| 92.5°  | 6.0    | 5.5    | 5.9    | 6.6    | 7.3    | 8.1    | 8.8    | 9.4    | 10.0   | 10.6   | 11.2   |
| 95°    | 29.9   | 29.7   | 27.4   | 22.7   | 18.1   | 13.4   | 8.8    | 9.4    | 10.0   | 10.6   | 11.2   |
| 97.5°  | 61.7   | 62.1   | 56.3   | 44.7   | 33.1   | 21.5   | 9.9    | 10.1   | 10.4   | 10.6   | 10.9   |
| 100°   | 93.3   | 93.5   | 93.7   | 94.2   | 94.7   | 95.1   | 95.6   | 77.4   | 59.2   | 41.0   | 22.8   |
| 102.5° | 127.3  | 127.5  | 127.6  | 127.9  | 128.1  | 128.4  | 128.6  | 128.8  | 129.1  | 129.3  | 129.6  |
| 105°   | 163.6  | 163.8  | 163.8  | 163.8  | 163.8  | 163.8  | 163.8  | 163.8  | 163.8  | 163.8  | 163.8  |
| 107.5° | 199.0  | 199.0  | 199.1  | 199.4  | 199.6  | 199.9  | 200.1  | 200.2  | 200.3  | 200.4  | 200.5  |
| 110°   | 235.3  | 235.3  | 235.4  | 235.7  | 235.9  | 236.2  | 236.4  | 236.0  | 235.6  | 235.3  | 234.9  |

TEST NUMBER: P1026803

CATALOG NUMBER: S125DIP-B1270D610UB2750-4F0-XX-W2A-A\_5000K

**CANDELA DISTRIBUTION (continued):**

|        | 200°  | 202.5° | 205°  | 210°  | 215°  | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  |
|--------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 270.8 | 271.0  | 271.1 | 271.2 | 271.3 | 271.5 | 271.6 | 271.1 | 270.6 | 270.1 | 269.6 |
| 115°   | 305.9 | 306.2  | 306.3 | 306.4 | 306.5 | 306.6 | 306.7 | 306.2 | 305.7 | 305.2 | 304.7 |
| 117.5° | 339.2 | 339.2  | 339.4 | 339.9 | 340.4 | 340.9 | 341.4 | 340.7 | 339.9 | 339.2 | 338.5 |
| 120°   | 371.7 | 371.6  | 371.8 | 372.2 | 372.5 | 372.9 | 373.3 | 373.1 | 372.8 | 372.6 | 372.3 |
| 122.5° | 403.7 | 404.0  | 404.1 | 404.2 | 404.3 | 404.5 | 404.6 | 404.4 | 404.1 | 403.9 | 403.6 |
| 125°   | 435.0 | 435.4  | 435.4 | 435.4 | 435.4 | 435.4 | 435.4 | 434.9 | 434.4 | 433.9 | 433.4 |
| 127.5° | 463.1 | 463.4  | 463.3 | 463.2 | 463.1 | 463.0 | 462.9 | 462.7 | 462.4 | 462.2 | 461.9 |
| 130°   | 489.5 | 489.8  | 489.9 | 490.0 | 490.1 | 490.2 | 490.3 | 489.9 | 489.6 | 489.2 | 488.9 |
| 132.5° | 516.3 | 516.7  | 516.5 | 516.2 | 515.8 | 515.5 | 515.1 | 515.1 | 515.1 | 515.1 | 515.1 |
| 135°   | 541.1 | 541.5  | 541.4 | 541.1 | 540.9 | 540.6 | 540.4 | 540.2 | 539.9 | 539.7 | 539.4 |
| 137.5° | 564.1 | 564.5  | 564.4 | 564.1 | 563.9 | 563.6 | 563.4 | 563.4 | 563.4 | 563.4 | 563.4 |
| 140°   | 584.8 | 584.9  | 584.8 | 584.7 | 584.6 | 584.4 | 584.3 | 584.5 | 584.8 | 585.0 | 585.3 |
| 142.5° | 604.6 | 604.7  | 604.8 | 605.1 | 605.3 | 605.6 | 605.8 | 605.8 | 605.8 | 605.8 | 605.8 |
| 145°   | 624.9 | 625.0  | 625.0 | 625.0 | 625.0 | 625.0 | 625.0 | 625.1 | 625.3 | 625.4 | 625.5 |
| 147.5° | 641.5 | 641.5  | 641.6 | 641.7 | 641.8 | 642.0 | 642.1 | 642.2 | 642.3 | 642.4 | 642.5 |
| 150°   | 657.0 | 656.9  | 657.0 | 657.3 | 657.5 | 657.8 | 658.0 | 658.2 | 658.5 | 658.7 | 659.0 |
| 152.5° | 671.5 | 671.2  | 671.3 | 671.6 | 671.8 | 672.1 | 672.3 | 672.5 | 672.8 | 673.0 | 673.3 |
| 155°   | 684.2 | 683.8  | 683.9 | 684.2 | 684.4 | 684.7 | 684.9 | 685.3 | 685.7 | 686.0 | 686.4 |
| 157.5° | 696.1 | 695.9  | 695.9 | 695.9 | 695.9 | 695.9 | 695.9 | 696.3 | 696.7 | 697.0 | 697.4 |
| 160°   | 705.7 | 705.3  | 705.4 | 705.5 | 705.6 | 705.7 | 705.8 | 706.3 | 706.8 | 707.3 | 707.8 |
| 162.5° | 714.5 | 714.1  | 714.2 | 714.3 | 714.4 | 714.5 | 714.6 | 715.3 | 716.1 | 716.8 | 717.5 |
| 165°   | 722.2 | 721.8  | 721.9 | 722.0 | 722.1 | 722.2 | 722.3 | 723.0 | 723.8 | 724.5 | 725.2 |
| 167.5° | 728.2 | 727.8  | 727.9 | 728.0 | 728.1 | 728.3 | 728.4 | 729.2 | 730.1 | 730.9 | 731.8 |
| 170°   | 732.6 | 732.2  | 732.3 | 732.4 | 732.5 | 732.7 | 732.8 | 733.8 | 734.8 | 735.7 | 736.7 |
| 172.5° | 735.9 | 735.5  | 735.6 | 735.9 | 736.1 | 736.4 | 736.6 | 737.5 | 738.3 | 739.2 | 740.1 |
| 175°   | 738.7 | 738.3  | 738.4 | 738.5 | 738.6 | 738.7 | 738.8 | 739.8 | 740.8 | 741.7 | 742.7 |
| 177.5° | 740.3 | 739.9  | 740.0 | 740.1 | 740.2 | 740.4 | 740.5 | 741.3 | 742.2 | 743.0 | 743.9 |
| 180°   | 741.6 | 741.6  | 741.6 | 741.6 | 741.6 | 741.6 | 741.6 | 741.6 | 741.6 | 741.6 | 741.6 |

TEST NUMBER: P1026803

CATALOG NUMBER: S125DIP-B1270D610UB2750-4F0-XX-W2A-A\_5000K

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1769.8 | 1769.8 | 1769.8 | 1769.8 | 1769.8 | 1769.8 | 1769.8 | 1769.8 | 1769.8 | 1769.8 | 1769.8 |
| 2.5°   | 1678.1 | 1667.6 | 1666.1 | 1669.1 | 1663.1 | 1672.1 | 1669.1 | 1672.1 | 1664.6 | 1672.1 | 1667.6 |
| 5°     | 1562.4 | 1559.4 | 1553.4 | 1545.9 | 1547.4 | 1548.9 | 1556.4 | 1548.9 | 1554.9 | 1556.4 | 1563.9 |
| 7.5°   | 1454.3 | 1448.3 | 1452.8 | 1449.8 | 1436.2 | 1433.2 | 1436.2 | 1440.7 | 1449.8 | 1455.8 | 1460.3 |
| 10°    | 1367.1 | 1364.1 | 1358.1 | 1353.6 | 1346.1 | 1341.6 | 1347.6 | 1341.6 | 1353.6 | 1364.1 | 1364.1 |
| 12.5°  | 1301.0 | 1289.0 | 1281.5 | 1280.0 | 1263.5 | 1266.5 | 1272.5 | 1277.0 | 1290.5 | 1296.5 | 1296.5 |
| 15°    | 1231.9 | 1222.9 | 1219.9 | 1213.9 | 1207.9 | 1213.9 | 1210.9 | 1215.4 | 1221.4 | 1227.4 | 1230.4 |
| 17.5°  | 1171.8 | 1170.3 | 1171.8 | 1156.8 | 1161.3 | 1153.8 | 1155.3 | 1162.8 | 1158.3 | 1162.8 | 1171.8 |
| 20°    | 1117.7 | 1120.7 | 1116.2 | 1110.2 | 1110.2 | 1101.2 | 1111.7 | 1108.7 | 1110.2 | 1119.2 | 1132.8 |
| 22.5°  | 1077.2 | 1075.7 | 1071.2 | 1066.7 | 1060.7 | 1062.2 | 1063.7 | 1060.7 | 1072.7 | 1080.2 | 1081.7 |
| 25°    | 1033.6 | 1030.6 | 1029.1 | 1024.6 | 1018.6 | 1024.6 | 1023.1 | 1024.6 | 1027.6 | 1039.6 | 1030.6 |
| 27.5°  | 993.0  | 987.0  | 990.0  | 985.5  | 984.0  | 985.5  | 985.5  | 987.0  | 990.0  | 991.5  | 993.0  |
| 30°    | 958.5  | 952.5  | 951.0  | 948.0  | 946.5  | 948.0  | 951.0  | 948.0  | 960.0  | 958.5  | 958.5  |
| 32.5°  | 920.9  | 916.4  | 913.4  | 913.4  | 911.9  | 910.4  | 911.9  | 913.4  | 922.4  | 916.4  | 922.4  |
| 35°    | 884.9  | 881.9  | 881.9  | 878.9  | 877.4  | 877.4  | 877.4  | 883.4  | 880.4  | 884.9  | 884.9  |
| 37.5°  | 850.3  | 850.3  | 848.8  | 845.8  | 844.3  | 845.8  | 844.3  | 847.3  | 845.8  | 847.3  | 848.8  |
| 40°    | 814.3  | 811.3  | 809.8  | 809.8  | 805.3  | 800.7  | 805.3  | 805.3  | 806.8  | 811.3  | 812.8  |
| 42.5°  | 770.7  | 772.2  | 772.2  | 766.2  | 766.2  | 766.2  | 767.7  | 769.2  | 769.2  | 772.2  | 772.2  |
| 45°    | 733.1  | 730.1  | 730.1  | 730.1  | 727.1  | 728.6  | 731.6  | 731.6  | 731.6  | 731.6  | 728.6  |
| 47.5°  | 691.1  | 691.1  | 692.6  | 692.6  | 697.1  | 695.6  | 695.6  | 694.1  | 691.1  | 691.1  | 692.6  |
| 50°    | 652.0  | 656.5  | 658.0  | 658.0  | 659.5  | 661.0  | 661.0  | 658.0  | 656.5  | 652.0  | 652.0  |
| 52.5°  | 614.5  | 617.5  | 620.5  | 625.0  | 628.0  | 626.5  | 626.5  | 623.5  | 617.5  | 616.0  | 614.5  |
| 55°    | 573.9  | 578.4  | 584.4  | 588.9  | 593.4  | 594.9  | 594.9  | 588.9  | 582.9  | 575.4  | 575.4  |
| 57.5°  | 536.3  | 540.8  | 551.4  | 555.9  | 561.9  | 561.9  | 558.9  | 554.4  | 545.3  | 539.3  | 534.8  |
| 60°    | 498.8  | 506.3  | 513.8  | 522.8  | 530.3  | 531.8  | 527.3  | 521.3  | 510.8  | 503.3  | 497.3  |
| 62.5°  | 458.2  | 465.7  | 480.7  | 489.8  | 495.8  | 495.8  | 495.8  | 488.3  | 474.7  | 464.2  | 455.2  |
| 65°    | 419.2  | 426.7  | 440.2  | 452.2  | 456.7  | 461.2  | 456.7  | 449.2  | 438.7  | 426.7  | 417.7  |
| 67.5°  | 378.6  | 387.6  | 401.1  | 410.1  | 416.1  | 420.7  | 417.7  | 411.6  | 398.1  | 381.6  | 375.6  |
| 70°    | 333.5  | 338.0  | 357.6  | 366.6  | 375.6  | 378.6  | 375.6  | 366.6  | 353.1  | 335.0  | 329.0  |
| 72.5°  | 291.5  | 296.0  | 314.0  | 321.5  | 329.0  | 332.0  | 327.5  | 321.5  | 309.5  | 293.0  | 285.4  |
| 75°    | 243.4  | 250.9  | 259.9  | 271.9  | 280.9  | 283.9  | 279.4  | 274.9  | 259.9  | 249.4  | 243.4  |
| 77.5°  | 192.3  | 199.8  | 211.8  | 222.3  | 231.4  | 229.9  | 223.8  | 225.4  | 208.8  | 196.8  | 192.3  |
| 80°    | 145.7  | 151.7  | 160.8  | 169.8  | 174.3  | 174.3  | 172.8  | 166.8  | 160.8  | 151.7  | 144.2  |
| 82.5°  | 100.7  | 108.2  | 115.7  | 121.7  | 121.7  | 123.2  | 120.2  | 118.7  | 112.7  | 105.2  | 103.7  |
| 85°    | 60.1   | 61.6   | 67.6   | 67.6   | 73.6   | 70.6   | 69.1   | 73.6   | 67.6   | 63.1   | 61.6   |
| 87.5°  | 27.0   | 25.5   | 27.0   | 27.0   | 25.5   | 28.5   | 28.5   | 27.0   | 28.5   | 27.0   | 27.0   |
| 90°    | 11.5   | 11.7   | 12.1   | 12.4   | 12.8   | 13.2   | 12.8   | 12.4   | 12.1   | 11.7   | 11.5   |
| 92.5°  | 11.5   | 11.6   | 11.7   | 11.8   | 12.0   | 12.1   | 12.0   | 11.8   | 11.7   | 11.6   | 11.5   |
| 95°    | 11.5   | 11.5   | 11.5   | 11.5   | 11.5   | 11.5   | 11.5   | 11.5   | 11.5   | 11.5   | 11.5   |
| 97.5°  | 11.0   | 11.1   | 11.2   | 11.3   | 11.4   | 11.5   | 11.4   | 11.3   | 11.2   | 11.1   | 11.0   |
| 100°   | 13.7   | 13.5   | 13.0   | 12.5   | 12.0   | 11.5   | 12.0   | 12.5   | 13.0   | 13.5   | 13.7   |
| 102.5° | 129.7  | 124.6  | 114.3  | 104.1  | 93.8   | 83.6   | 93.8   | 104.1  | 114.3  | 124.6  | 129.7  |
| 105°   | 163.8  | 163.7  | 163.6  | 163.5  | 163.4  | 163.3  | 163.4  | 163.5  | 163.6  | 163.7  | 163.8  |
| 107.5° | 200.6  | 200.4  | 199.9  | 199.4  | 198.9  | 198.4  | 198.9  | 199.4  | 199.9  | 200.4  | 200.6  |
| 110°   | 234.7  | 234.8  | 234.9  | 235.0  | 235.2  | 235.3  | 235.2  | 235.0  | 234.9  | 234.8  | 234.7  |

TEST NUMBER: P1026803

CATALOG NUMBER: S125DIP-B1270D610UB2750-4F0-XX-W2A-A\_5000K

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°  | 255°  | 260°  | 265°  | 270°  | 275°  | 280°  | 285°  | 290°  | 292.5° |
|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 112.5° | 269.4  | 269.3 | 269.0 | 268.8 | 268.5 | 268.3 | 268.5 | 268.8 | 269.0 | 269.3 | 269.4  |
| 115°   | 304.5  | 304.1 | 303.4 | 302.7 | 301.9 | 301.2 | 301.9 | 302.7 | 303.4 | 304.1 | 304.5  |
| 117.5° | 338.1  | 338.0 | 337.7 | 337.5 | 337.2 | 337.0 | 337.2 | 337.5 | 337.7 | 338.0 | 338.1  |
| 120°   | 372.2  | 371.9 | 371.3 | 370.6 | 370.0 | 369.4 | 370.0 | 370.6 | 371.3 | 371.9 | 372.2  |
| 122.5° | 403.5  | 403.1 | 402.4 | 401.7 | 400.9 | 400.2 | 400.9 | 401.7 | 402.4 | 403.1 | 403.5  |
| 125°   | 433.2  | 433.0 | 432.6 | 432.3 | 431.9 | 431.5 | 431.9 | 432.3 | 432.6 | 433.0 | 433.2  |
| 127.5° | 461.8  | 461.3 | 460.3 | 459.4 | 458.4 | 457.4 | 458.4 | 459.4 | 460.3 | 461.3 | 461.8  |
| 130°   | 488.7  | 488.4 | 487.8 | 487.1 | 486.5 | 485.9 | 486.5 | 487.1 | 487.8 | 488.4 | 488.7  |
| 132.5° | 515.1  | 514.8 | 514.2 | 513.5 | 512.9 | 512.3 | 512.9 | 513.5 | 514.2 | 514.8 | 515.1  |
| 135°   | 539.3  | 538.9 | 538.2 | 537.5 | 536.7 | 536.0 | 536.7 | 537.5 | 538.2 | 538.9 | 539.3  |
| 137.5° | 563.4  | 563.1 | 562.5 | 561.9 | 561.3 | 560.7 | 561.3 | 561.9 | 562.5 | 563.1 | 563.4  |
| 140°   | 585.4  | 585.0 | 584.3 | 583.6 | 582.8 | 582.1 | 582.8 | 583.6 | 584.3 | 585.0 | 585.4  |
| 142.5° | 605.8  | 605.4 | 604.7 | 604.0 | 603.2 | 602.5 | 603.2 | 604.0 | 604.7 | 605.4 | 605.8  |
| 145°   | 625.6  | 625.2 | 624.5 | 623.8 | 623.0 | 622.3 | 623.0 | 623.8 | 624.5 | 625.2 | 625.6  |
| 147.5° | 642.6  | 642.2 | 641.3 | 640.5 | 639.6 | 638.8 | 639.6 | 640.5 | 641.3 | 642.2 | 642.6  |
| 150°   | 659.1  | 658.6 | 657.6 | 656.7 | 655.7 | 654.7 | 655.7 | 656.7 | 657.6 | 658.6 | 659.1  |
| 152.5° | 673.4  | 673.0 | 672.1 | 671.2 | 670.4 | 669.5 | 670.4 | 671.2 | 672.1 | 673.0 | 673.4  |
| 155°   | 686.6  | 686.1 | 685.1 | 684.2 | 683.2 | 682.2 | 683.2 | 684.2 | 685.1 | 686.1 | 686.6  |
| 157.5° | 697.6  | 697.1 | 696.1 | 695.2 | 694.2 | 693.2 | 694.2 | 695.2 | 696.1 | 697.1 | 697.6  |
| 160°   | 708.0  | 707.5 | 706.5 | 705.6 | 704.6 | 703.6 | 704.6 | 705.6 | 706.5 | 707.5 | 708.0  |
| 162.5° | 717.9  | 717.4 | 716.3 | 715.2 | 714.1 | 713.0 | 714.1 | 715.2 | 716.3 | 717.4 | 717.9  |
| 165°   | 725.6  | 725.1 | 724.1 | 723.2 | 722.2 | 721.2 | 722.2 | 723.2 | 724.1 | 725.1 | 725.6  |
| 167.5° | 732.2  | 731.7 | 730.6 | 729.5 | 728.4 | 727.3 | 728.4 | 729.5 | 730.6 | 731.7 | 732.2  |
| 170°   | 737.2  | 736.6 | 735.5 | 734.4 | 733.3 | 732.2 | 733.3 | 734.4 | 735.5 | 736.6 | 737.2  |
| 172.5° | 740.5  | 739.9 | 738.8 | 737.7 | 736.6 | 735.5 | 736.6 | 737.7 | 738.8 | 739.9 | 740.5  |
| 175°   | 743.2  | 742.7 | 741.6 | 740.5 | 739.4 | 738.3 | 739.4 | 740.5 | 741.6 | 742.7 | 743.2  |
| 177.5° | 744.3  | 743.8 | 742.8 | 741.9 | 740.9 | 739.9 | 740.9 | 741.9 | 742.8 | 743.8 | 744.3  |
| 180°   | 741.6  | 741.6 | 741.6 | 741.6 | 741.6 | 741.6 | 741.6 | 741.6 | 741.6 | 741.6 | 741.6  |

TEST NUMBER: P1026803

CATALOG NUMBER: S125DIP-B1270D610UB2750-4F0-XX-W2A-A\_5000K

**CANDELA DISTRIBUTION (continued):**

|        | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 337.5° | 340°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1769.8 | 1769.8 | 1769.8 | 1769.8 | 1769.8 | 1769.8 | 1769.8 | 1769.8 | 1769.8 | 1769.8 | 1769.8 |
| 2.5°   | 1681.1 | 1672.1 | 1682.6 | 1669.1 | 1672.1 | 1688.6 | 1687.1 | 1702.2 | 1711.2 | 1709.7 | 1717.2 |
| 5°     | 1569.9 | 1569.9 | 1574.5 | 1573.0 | 1588.0 | 1601.5 | 1619.5 | 1634.5 | 1651.1 | 1660.1 | 1670.6 |
| 7.5°   | 1460.3 | 1475.3 | 1478.3 | 1485.8 | 1503.8 | 1526.4 | 1544.4 | 1566.9 | 1591.0 | 1607.5 | 1619.5 |
| 10°    | 1370.1 | 1382.2 | 1394.2 | 1400.2 | 1419.7 | 1449.8 | 1475.3 | 1511.4 | 1541.4 | 1559.4 | 1576.0 |
| 12.5°  | 1290.5 | 1304.0 | 1310.0 | 1337.1 | 1350.6 | 1370.1 | 1406.2 | 1445.3 | 1478.3 | 1497.8 | 1511.4 |
| 15°    | 1233.4 | 1240.9 | 1254.5 | 1271.0 | 1284.5 | 1308.5 | 1338.6 | 1382.2 | 1413.7 | 1430.2 | 1476.8 |
| 17.5°  | 1185.3 | 1194.4 | 1201.9 | 1209.4 | 1230.4 | 1256.0 | 1284.5 | 1322.1 | 1362.6 | 1391.2 | 1415.2 |
| 20°    | 1135.8 | 1140.3 | 1149.3 | 1161.3 | 1176.3 | 1200.4 | 1225.9 | 1265.0 | 1301.0 | 1323.6 | 1355.1 |
| 22.5°  | 1077.2 | 1090.7 | 1099.7 | 1108.7 | 1125.3 | 1152.3 | 1176.3 | 1204.9 | 1249.9 | 1275.5 | 1308.5 |
| 25°    | 1042.6 | 1048.6 | 1054.6 | 1065.2 | 1077.2 | 1101.2 | 1128.3 | 1158.3 | 1194.4 | 1221.4 | 1249.9 |
| 27.5°  | 997.6  | 1006.6 | 1014.1 | 1027.6 | 1035.1 | 1054.6 | 1080.2 | 1110.2 | 1153.8 | 1176.3 | 1200.4 |
| 30°    | 960.0  | 969.0  | 975.0  | 981.0  | 991.5  | 1012.6 | 1036.6 | 1060.7 | 1101.2 | 1129.8 | 1153.8 |
| 32.5°  | 922.4  | 931.5  | 939.0  | 943.5  | 954.0  | 967.5  | 987.0  | 1017.1 | 1051.6 | 1071.2 | 1102.7 |
| 35°    | 889.4  | 889.4  | 898.4  | 904.4  | 913.4  | 925.4  | 943.5  | 966.0  | 1002.1 | 1027.6 | 1056.1 |
| 37.5°  | 851.8  | 853.3  | 860.8  | 865.3  | 874.4  | 886.4  | 904.4  | 925.4  | 955.5  | 975.0  | 1003.6 |
| 40°    | 812.8  | 817.3  | 820.3  | 827.8  | 838.3  | 842.8  | 860.8  | 884.9  | 914.9  | 933.0  | 957.0  |
| 42.5°  | 773.7  | 776.7  | 784.2  | 790.2  | 799.2  | 806.8  | 818.8  | 841.3  | 863.8  | 890.9  | 910.4  |
| 45°    | 730.1  | 737.6  | 742.2  | 752.7  | 757.2  | 764.7  | 776.7  | 794.7  | 821.8  | 838.3  | 860.8  |
| 47.5°  | 692.6  | 695.6  | 698.6  | 712.1  | 721.1  | 725.6  | 737.6  | 748.2  | 776.7  | 791.7  | 812.8  |
| 50°    | 652.0  | 652.0  | 656.5  | 662.5  | 673.0  | 682.1  | 692.6  | 704.6  | 727.1  | 742.2  | 763.2  |
| 52.5°  | 614.5  | 610.0  | 613.0  | 616.0  | 626.5  | 635.5  | 646.0  | 662.5  | 683.6  | 692.6  | 710.6  |
| 55°    | 573.9  | 566.4  | 570.9  | 575.4  | 578.4  | 590.4  | 602.4  | 613.0  | 629.5  | 643.0  | 659.5  |
| 57.5°  | 530.3  | 528.8  | 525.8  | 527.3  | 534.8  | 542.3  | 551.4  | 564.9  | 584.4  | 594.9  | 603.9  |
| 60°    | 491.3  | 482.3  | 479.2  | 482.3  | 486.8  | 491.3  | 503.3  | 515.3  | 531.8  | 542.3  | 552.9  |
| 62.5°  | 450.7  | 441.7  | 435.7  | 431.2  | 435.7  | 446.2  | 453.7  | 462.7  | 476.2  | 488.3  | 497.3  |
| 65°    | 411.6  | 398.1  | 392.1  | 389.1  | 387.6  | 395.1  | 401.1  | 413.1  | 425.2  | 429.7  | 440.2  |
| 67.5°  | 368.1  | 356.1  | 348.5  | 344.0  | 344.0  | 344.0  | 350.0  | 362.1  | 374.1  | 375.6  | 386.1  |
| 70°    | 324.5  | 311.0  | 303.5  | 297.5  | 294.5  | 297.5  | 305.0  | 306.5  | 317.0  | 320.0  | 326.0  |
| 72.5°  | 277.9  | 265.9  | 256.9  | 249.4  | 250.9  | 253.9  | 253.9  | 256.9  | 262.9  | 270.4  | 270.4  |
| 75°    | 234.4  | 217.8  | 213.3  | 207.3  | 204.3  | 204.3  | 204.3  | 210.3  | 214.8  | 220.8  | 219.3  |
| 77.5°  | 184.8  | 175.8  | 166.8  | 163.8  | 159.2  | 157.7  | 160.8  | 160.8  | 163.8  | 168.3  | 169.8  |
| 80°    | 142.7  | 132.2  | 126.2  | 123.2  | 117.2  | 115.7  | 117.2  | 117.2  | 121.7  | 120.2  | 121.7  |
| 82.5°  | 99.2   | 91.6   | 87.1   | 82.6   | 79.6   | 81.1   | 79.6   | 79.6   | 81.1   | 79.6   | 79.6   |
| 85°    | 57.1   | 55.6   | 52.6   | 51.1   | 49.6   | 46.6   | 49.6   | 48.1   | 46.6   | 45.1   | 48.1   |
| 87.5°  | 27.0   | 25.5   | 25.5   | 22.5   | 22.5   | 21.0   | 22.5   | 22.5   | 21.0   | 21.0   | 21.0   |
| 90°    | 11.2   | 10.6   | 10.0   | 9.4    | 8.8    | 7.9    | 7.1    | 6.2    | 5.3    | 4.9    | 4.4    |
| 92.5°  | 11.2   | 10.6   | 10.0   | 9.4    | 8.8    | 8.1    | 7.3    | 6.6    | 5.9    | 5.5    | 6.0    |
| 95°    | 11.2   | 10.6   | 10.0   | 9.4    | 8.8    | 13.4   | 18.1   | 22.7   | 27.4   | 29.7   | 29.9   |
| 97.5°  | 10.9   | 10.6   | 10.4   | 10.1   | 9.9    | 21.5   | 33.1   | 44.7   | 56.3   | 62.1   | 61.7   |
| 100°   | 22.8   | 41.0   | 59.2   | 77.4   | 95.6   | 95.1   | 94.7   | 94.2   | 93.7   | 93.5   | 93.3   |
| 102.5° | 129.6  | 129.3  | 129.1  | 128.8  | 128.6  | 128.4  | 128.1  | 127.9  | 127.6  | 127.5  | 127.3  |
| 105°   | 163.8  | 163.8  | 163.8  | 163.8  | 163.8  | 163.8  | 163.8  | 163.8  | 163.8  | 163.8  | 163.6  |
| 107.5° | 200.5  | 200.4  | 200.3  | 200.2  | 200.1  | 199.9  | 199.6  | 199.4  | 199.1  | 199.0  | 199.0  |
| 110°   | 234.9  | 235.3  | 235.6  | 236.0  | 236.4  | 236.2  | 235.9  | 235.7  | 235.4  | 235.3  | 235.3  |

TEST NUMBER: P1026803

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**CANDELA DISTRIBUTION (continued):**

|        | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  | 330°  | 335°  | 337.5° | 340°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 112.5° | 269.6 | 270.1 | 270.6 | 271.1 | 271.6 | 271.5 | 271.3 | 271.2 | 271.1 | 271.0  | 270.8 |
| 115°   | 304.7 | 305.2 | 305.7 | 306.2 | 306.7 | 306.6 | 306.5 | 306.4 | 306.3 | 306.2  | 305.9 |
| 117.5° | 338.5 | 339.2 | 339.9 | 340.7 | 341.4 | 340.9 | 340.4 | 339.9 | 339.4 | 339.2  | 339.2 |
| 120°   | 372.3 | 372.6 | 372.8 | 373.1 | 373.3 | 372.9 | 372.5 | 372.2 | 371.8 | 371.6  | 371.7 |
| 122.5° | 403.6 | 403.9 | 404.1 | 404.4 | 404.6 | 404.5 | 404.3 | 404.2 | 404.1 | 404.0  | 403.7 |
| 125°   | 433.4 | 433.9 | 434.4 | 434.9 | 435.4 | 435.4 | 435.4 | 435.4 | 435.4 | 435.4  | 435.0 |
| 127.5° | 461.9 | 462.2 | 462.4 | 462.7 | 462.9 | 463.0 | 463.1 | 463.2 | 463.3 | 463.4  | 463.1 |
| 130°   | 488.9 | 489.2 | 489.6 | 489.9 | 490.3 | 490.2 | 490.1 | 490.0 | 489.9 | 489.8  | 489.5 |
| 132.5° | 515.1 | 515.1 | 515.1 | 515.1 | 515.1 | 515.5 | 515.8 | 516.2 | 516.5 | 516.7  | 516.3 |
| 135°   | 539.4 | 539.7 | 539.9 | 540.2 | 540.4 | 540.6 | 540.9 | 541.1 | 541.4 | 541.5  | 541.1 |
| 137.5° | 563.4 | 563.4 | 563.4 | 563.4 | 563.4 | 563.6 | 563.9 | 564.1 | 564.4 | 564.5  | 564.1 |
| 140°   | 585.3 | 585.0 | 584.8 | 584.5 | 584.3 | 584.4 | 584.6 | 584.7 | 584.8 | 584.9  | 584.8 |
| 142.5° | 605.8 | 605.8 | 605.8 | 605.8 | 605.8 | 605.6 | 605.3 | 605.1 | 604.8 | 604.7  | 604.6 |
| 145°   | 625.5 | 625.4 | 625.3 | 625.1 | 625.0 | 625.0 | 625.0 | 625.0 | 625.0 | 625.0  | 624.9 |
| 147.5° | 642.5 | 642.4 | 642.3 | 642.2 | 642.1 | 642.0 | 641.8 | 641.7 | 641.6 | 641.5  | 641.5 |
| 150°   | 659.0 | 658.7 | 658.5 | 658.2 | 658.0 | 657.8 | 657.5 | 657.3 | 657.0 | 656.9  | 657.0 |
| 152.5° | 673.3 | 673.0 | 672.8 | 672.5 | 672.3 | 672.1 | 671.8 | 671.6 | 671.3 | 671.2  | 671.5 |
| 155°   | 686.4 | 686.0 | 685.7 | 685.3 | 684.9 | 684.7 | 684.4 | 684.2 | 683.9 | 683.8  | 684.2 |
| 157.5° | 697.4 | 697.0 | 696.7 | 696.3 | 695.9 | 695.9 | 695.9 | 695.9 | 695.9 | 695.9  | 696.1 |
| 160°   | 707.8 | 707.3 | 706.8 | 706.3 | 705.8 | 705.7 | 705.6 | 705.5 | 705.4 | 705.3  | 705.7 |
| 162.5° | 717.5 | 716.8 | 716.1 | 715.3 | 714.6 | 714.5 | 714.4 | 714.3 | 714.2 | 714.1  | 714.5 |
| 165°   | 725.2 | 724.5 | 723.8 | 723.0 | 722.3 | 722.2 | 722.1 | 722.0 | 721.9 | 721.8  | 722.2 |
| 167.5° | 731.8 | 730.9 | 730.1 | 729.2 | 728.4 | 728.3 | 728.1 | 728.0 | 727.9 | 727.8  | 728.2 |
| 170°   | 736.7 | 735.7 | 734.8 | 733.8 | 732.8 | 732.7 | 732.5 | 732.4 | 732.3 | 732.2  | 732.6 |
| 172.5° | 740.1 | 739.2 | 738.3 | 737.5 | 736.6 | 736.4 | 736.1 | 735.9 | 735.6 | 735.5  | 735.9 |
| 175°   | 742.7 | 741.7 | 740.8 | 739.8 | 738.8 | 738.7 | 738.6 | 738.5 | 738.4 | 738.3  | 738.7 |
| 177.5° | 743.9 | 743.0 | 742.2 | 741.3 | 740.5 | 740.4 | 740.2 | 740.1 | 740.0 | 739.9  | 740.3 |
| 180°   | 741.6 | 741.6 | 741.6 | 741.6 | 741.6 | 741.6 | 741.6 | 741.6 | 741.6 | 741.6  | 741.6 |

TEST NUMBER: P1026803

CATALOG NUMBER: S125DIP-B1270D610UB2750-4F0-XX-W2A-A\_5000K

**CANDELA DISTRIBUTION (continued):**

|        | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|
| 0°     | 1769.8 | 1769.8 | 1769.8 | 1769.8 |
| 2.5°   | 1727.7 | 1742.7 | 1753.2 | 1772.8 |
| 5°     | 1688.6 | 1715.7 | 1741.2 | 1768.3 |
| 7.5°   | 1649.6 | 1681.1 | 1721.7 | 1756.2 |
| 10°    | 1606.0 | 1646.6 | 1694.6 | 1741.2 |
| 12.5°  | 1562.4 | 1610.5 | 1663.1 | 1724.7 |
| 15°    | 1509.9 | 1571.4 | 1633.0 | 1699.1 |
| 17.5°  | 1463.3 | 1526.4 | 1592.5 | 1675.1 |
| 20°    | 1410.7 | 1479.8 | 1551.9 | 1636.0 |
| 22.5°  | 1364.1 | 1440.7 | 1515.9 | 1604.5 |
| 25°    | 1311.5 | 1386.7 | 1469.3 | 1563.9 |
| 27.5°  | 1268.0 | 1337.1 | 1418.2 | 1520.4 |
| 30°    | 1215.4 | 1290.5 | 1371.6 | 1473.8 |
| 32.5°  | 1165.8 | 1237.9 | 1323.6 | 1424.2 |
| 35°    | 1114.7 | 1188.4 | 1265.0 | 1361.1 |
| 37.5°  | 1066.7 | 1129.8 | 1206.4 | 1298.0 |
| 40°    | 1012.6 | 1081.7 | 1150.8 | 1222.9 |
| 42.5°  | 963.0  | 1026.1 | 1090.7 | 1147.8 |
| 45°    | 907.4  | 961.5  | 1023.1 | 1069.7 |
| 47.5°  | 856.3  | 904.4  | 952.5  | 988.5  |
| 50°    | 805.3  | 842.8  | 878.9  | 910.4  |
| 52.5°  | 745.2  | 787.2  | 806.8  | 826.3  |
| 55°    | 691.1  | 715.1  | 733.1  | 752.7  |
| 57.5°  | 638.5  | 649.0  | 658.0  | 676.1  |
| 60°    | 569.4  | 581.4  | 591.9  | 605.4  |
| 62.5°  | 509.3  | 515.3  | 518.3  | 531.8  |
| 65°    | 452.2  | 450.7  | 458.2  | 465.7  |
| 67.5°  | 390.6  | 389.1  | 396.6  | 399.6  |
| 70°    | 330.5  | 329.0  | 330.5  | 338.0  |
| 72.5°  | 273.4  | 273.4  | 274.9  | 277.9  |
| 75°    | 220.8  | 220.8  | 222.3  | 225.4  |
| 77.5°  | 166.8  | 169.8  | 168.3  | 174.3  |
| 80°    | 121.7  | 118.7  | 121.7  | 124.7  |
| 82.5°  | 79.6   | 82.6   | 82.6   | 79.6   |
| 85°    | 45.1   | 45.1   | 45.1   | 45.1   |
| 87.5°  | 19.5   | 19.5   | 21.0   | 22.5   |
| 90°    | 3.4    | 2.5    | 1.5    | 0.5    |
| 92.5°  | 7.1    | 8.2    | 9.3    | 10.4   |
| 95°    | 30.2   | 30.6   | 30.9   | 31.3   |
| 97.5°  | 61.0   | 60.3   | 59.5   | 58.8   |
| 100°   | 92.9   | 92.6   | 92.2   | 91.8   |
| 102.5° | 126.8  | 126.3  | 125.8  | 125.3  |
| 105°   | 163.1  | 162.6  | 162.1  | 161.6  |
| 107.5° | 199.0  | 199.0  | 199.0  | 199.0  |
| 110°   | 235.3  | 235.3  | 235.3  | 235.3  |

TEST NUMBER: P1026803

CATALOG NUMBER: S125DIP-B1270D610UB2750-4F0-XX-W2A-A\_5000K

**CANDELA DISTRIBUTION (continued):**

|        | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|
| 112.5° | 270.5 | 270.1 | 269.8 | 269.4 |
| 115°   | 305.3 | 304.6 | 304.0 | 303.4 |
| 117.5° | 339.2 | 339.2 | 339.2 | 339.2 |
| 120°   | 371.8 | 371.9 | 372.1 | 372.2 |
| 122.5° | 403.1 | 402.5 | 401.9 | 401.3 |
| 125°   | 434.1 | 433.2 | 432.4 | 431.5 |
| 127.5° | 462.5 | 461.9 | 461.3 | 460.7 |
| 130°   | 488.9 | 488.2 | 487.6 | 487.0 |
| 132.5° | 515.6 | 514.9 | 514.1 | 513.4 |
| 135°   | 540.4 | 539.7 | 538.9 | 538.2 |
| 137.5° | 563.4 | 562.7 | 562.0 | 561.3 |
| 140°   | 584.5 | 584.3 | 584.0 | 583.8 |
| 142.5° | 604.5 | 604.4 | 604.2 | 604.1 |
| 145°   | 624.6 | 624.4 | 624.1 | 623.9 |
| 147.5° | 641.5 | 641.5 | 641.5 | 641.5 |
| 150°   | 657.3 | 657.5 | 657.8 | 658.0 |
| 152.5° | 672.1 | 672.7 | 673.3 | 673.9 |
| 155°   | 684.9 | 685.6 | 686.4 | 687.1 |
| 157.5° | 696.5 | 696.8 | 697.2 | 697.6 |
| 160°   | 706.4 | 707.1 | 707.9 | 708.6 |
| 162.5° | 715.2 | 715.9 | 716.7 | 717.4 |
| 165°   | 722.9 | 723.6 | 724.4 | 725.1 |
| 167.5° | 728.9 | 729.6 | 730.4 | 731.1 |
| 170°   | 733.5 | 734.4 | 735.2 | 736.1 |
| 172.5° | 736.8 | 737.7 | 738.5 | 739.4 |
| 175°   | 739.4 | 740.1 | 740.9 | 741.6 |
| 177.5° | 741.0 | 741.7 | 742.5 | 743.2 |
| 180°   | 741.6 | 741.6 | 741.6 | 741.6 |

(END OF REPORT)