

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: P1028446

Luminaire Tested: S125RDIP-B1090D1270UB27-4F0-XX-W2A-A4

Issue Date: 5/7/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P1028446  
REPORT IS A COMBINATION OF REPORTS P1004961 AND P1007351  
Test Lab: INNOVATION CENTER  
Issue Date: 5/7/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: S125RDIP-B1090D1270UB27-4F0-XX-W2A-A4  
Description: Define 5 Regressed Direct/Indirect Pendant with 2700K BioUP LEDs {m-DER=0.473}  
{m-EER=0.52}  
Light Source: -  
Ballast/Driver: -

**Summary**

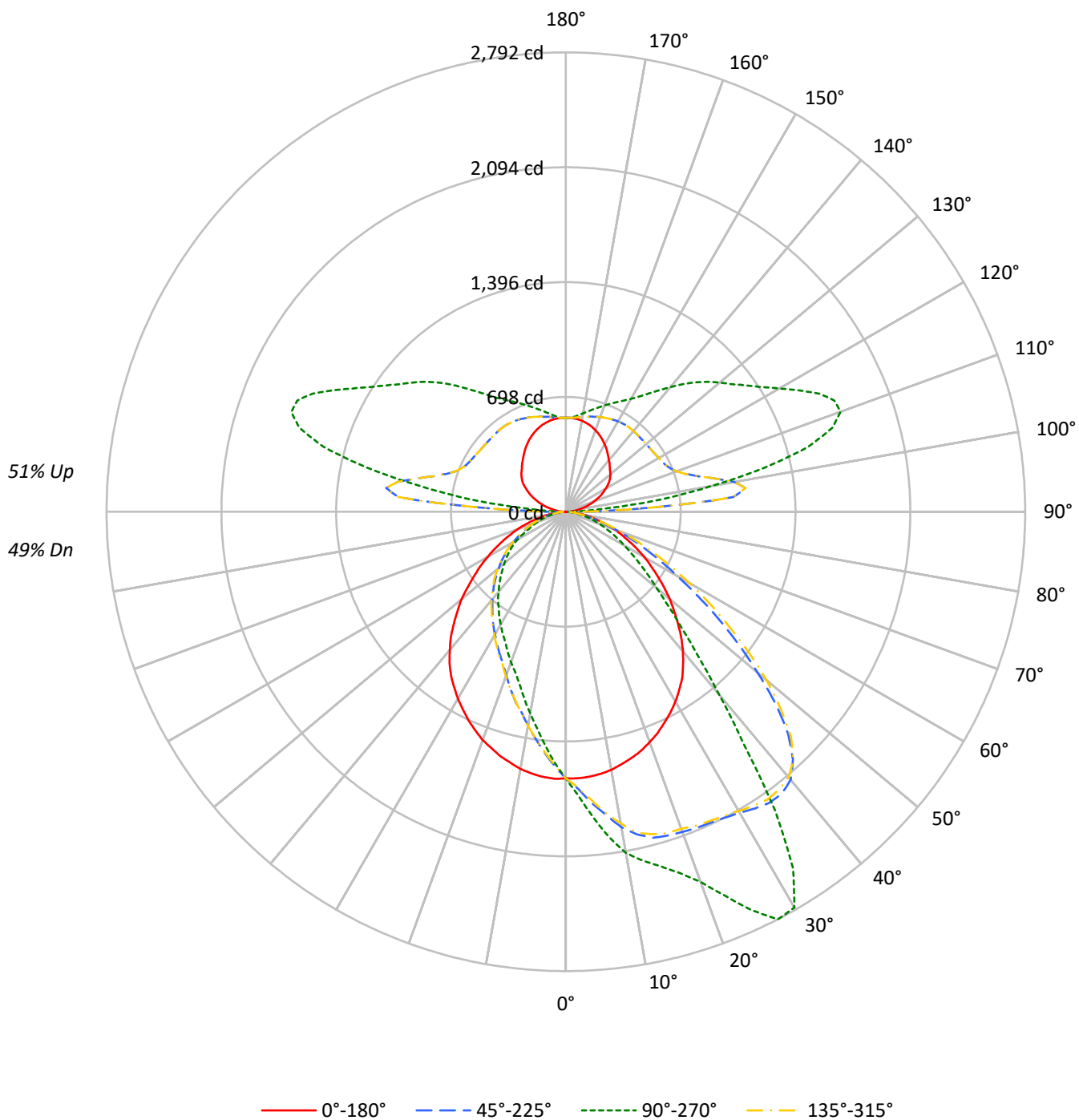
Lumens per Lamp: N/A  
Luminaire Lumens: 8489.0 lumens  
Efficiency: N/A  
Efficacy: 103.8 lumens/watt  
Spacing Criteria (0/90/45): 1.21 / 1.4 / 1.47  
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')  
CIE Type: General Diffuse

Input Watts (W): 81.8  
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: P1028446

CATALOG NUMBER: S125RDIP-B1090D1270UB27-4F0-XX-W2A-A4

### Luminous Intensity Polar Plot



TEST NUMBER: P1028446

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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   | 107 | 107 | 107 | 107 | 99 | 99 | 99 | 99 | 83 | 83 | 83 | 69 | 69 | 69 | 56 | 56 | 56 |
| 1   | 98  | 94  | 90  | 87  | 90 | 87 | 84 | 81 | 73 | 71 | 69 | 61 | 60 | 58 | 50 | 49 | 48 |
| 2   | 90  | 82  | 77  | 72  | 82 | 76 | 71 | 67 | 65 | 61 | 58 | 54 | 52 | 49 | 44 | 43 | 41 |
| 3   | 82  | 73  | 66  | 60  | 75 | 68 | 61 | 56 | 57 | 53 | 49 | 48 | 45 | 42 | 40 | 37 | 35 |
| 4   | 75  | 65  | 57  | 51  | 69 | 60 | 53 | 48 | 51 | 46 | 42 | 43 | 39 | 36 | 36 | 33 | 31 |
| 5   | 69  | 58  | 50  | 44  | 64 | 54 | 47 | 41 | 46 | 41 | 36 | 39 | 35 | 32 | 32 | 29 | 27 |
| 6   | 64  | 52  | 44  | 38  | 59 | 48 | 41 | 36 | 41 | 36 | 32 | 35 | 31 | 28 | 29 | 26 | 24 |
| 7   | 59  | 47  | 39  | 34  | 54 | 44 | 37 | 32 | 38 | 32 | 28 | 32 | 28 | 25 | 27 | 24 | 21 |
| 8   | 55  | 43  | 35  | 30  | 50 | 40 | 33 | 28 | 34 | 29 | 25 | 29 | 25 | 22 | 25 | 21 | 19 |
| 9   | 51  | 39  | 31  | 26  | 47 | 36 | 30 | 25 | 32 | 26 | 22 | 27 | 23 | 20 | 23 | 19 | 17 |
| 10  | 48  | 36  | 29  | 24  | 44 | 33 | 27 | 23 | 29 | 24 | 20 | 25 | 21 | 18 | 21 | 18 | 16 |

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

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 10382 | 10382 | 10382 | 10382 |
| 5°  | 10373 | 11701 | 10373 | 8994  |
| 10° | 10315 | 13149 | 10280 | 7775  |
| 15° | 10203 | 13911 | 10133 | 6769  |
| 20° | 10068 | 15017 | 9978  | 6118  |
| 25° | 9891  | 16997 | 9780  | 5553  |
| 30° | 9712  | 18067 | 9566  | 5149  |
| 35° | 9480  | 14858 | 9347  | 4771  |
| 40° | 9067  | 10090 | 8991  | 4433  |
| 45° | 8526  | 7253  | 8515  | 4099  |
| 50° | 7971  | 5578  | 8010  | 3791  |
| 55° | 7346  | 4536  | 7332  | 3494  |
| 60° | 6765  | 3717  | 6732  | 3102  |
| 65° | 6087  | 3097  | 6125  | 2497  |
| 70° | 5527  | 2486  | 5504  | 2079  |
| 75° | 4669  | 1884  | 4669  | 1709  |
| 80° | 3784  | 1149  | 3739  | 1149  |
| 85° | 2664  | 604   | 2584  | 683   |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 135°

Vertical Angle: 45°

Luminance: 14778 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 155.4  | 1.8       |
| 10°-20°   | 455.5  | 5.4       |
| 20°-30°   | 722.3  | 8.5       |
| 30°-40°   | 872.8  | 10.3      |
| 40°-50°   | 777.1  | 9.2       |
| 50°-60°   | 595.9  | 7.0       |
| 60°-70°   | 387.0  | 4.6       |
| 70°-80°   | 187.8  | 2.2       |
| 80°-90°   | 46.4   | 0.5       |
| 90°-100°  | 415.3  | 4.9       |
| 100°-110° | 895.7  | 10.6      |
| 110°-120° | 835.0  | 9.8       |
| 120°-130° | 676.3  | 8.0       |
| 130°-140° | 543.1  | 6.4       |
| 140°-150° | 409.6  | 4.8       |
| 150°-160° | 288.4  | 3.4       |
| 160°-170° | 170.0  | 2.0       |
| 170°-180° | 55.3   | 0.7       |
| 0°-30°    | 1333.2 | 15.7      |
| 0°-40°    | 2206.0 | 26.0      |
| 0°-60°    | 3579.0 | 42.2      |
| 0°-90°    | 4200.3 | 49.5      |
| 90°-120°  | 2146.0 | 25.3      |
| 90°-150°  | 3775.0 | 44.5      |
| 90°-180°  | 4289.0 | 50.5      |
| 0°-180°   | 8489.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 1620 | 1620 | 1620 | 1620 | 1620 |      |
| 5°   | 1616 | 1857 | 1616 | 1428 | 1616 | 154  |
| 15°  | 1548 | 2231 | 1538 | 1086 | 1548 | 437  |
| 25°  | 1416 | 2671 | 1400 | 873  | 1416 | 652  |
| 35°  | 1233 | 2216 | 1216 | 712  | 1233 | 768  |
| 45°  | 964  | 991  | 963  | 560  | 964  | 744  |
| 55°  | 681  | 544  | 680  | 419  | 681  | 610  |
| 65°  | 423  | 309  | 426  | 249  | 423  | 423  |
| 75°  | 206  | 144  | 206  | 130  | 206  | 221  |
| 85°  | 47   | 31   | 45   | 35   | 47   | 53   |
| 90°  | 1    | 26   | 1    | 26   | 1    | 6    |
| 95°  | 38   | 270  | 38   | 270  | 38   | 40   |
| 105° | 130  | 1525 | 130  | 1525 | 130  | 137  |
| 115° | 232  | 1699 | 232  | 1699 | 232  | 229  |
| 125° | 322  | 1339 | 322  | 1339 | 322  | 286  |
| 135° | 378  | 1112 | 378  | 1112 | 378  | 293  |
| 145° | 440  | 877  | 440  | 877  | 440  | 276  |
| 155° | 502  | 736  | 502  | 736  | 502  | 231  |
| 165° | 548  | 645  | 548  | 645  | 548  | 154  |
| 175° | 570  | 579  | 570  | 579  | 570  | 54   |
| 180° | 571  | 571  | 571  | 571  | 571  |      |

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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1620.4 | 1620.4 | 1620.4 | 1620.4 | 1620.4 | 1620.4 | 1620.4 | 1620.4 | 1620.4 | 1620.4 | 1620.4 |
| 2.5°   | 1621.7 | 1635.0 | 1639.0 | 1649.6 | 1661.6 | 1664.3 | 1670.9 | 1680.2 | 1685.5 | 1684.2 | 1684.2 |
| 5°     | 1616.4 | 1639.0 | 1654.9 | 1673.6 | 1696.2 | 1705.5 | 1713.5 | 1733.4 | 1749.4 | 1758.7 | 1774.7 |
| 7.5°   | 1607.0 | 1640.3 | 1666.9 | 1694.9 | 1729.4 | 1745.4 | 1762.7 | 1790.6 | 1819.9 | 1838.5 | 1855.8 |
| 10°    | 1592.4 | 1635.0 | 1672.2 | 1713.5 | 1760.0 | 1784.0 | 1805.3 | 1847.8 | 1883.8 | 1907.7 | 1947.6 |
| 12.5°  | 1571.1 | 1624.3 | 1676.2 | 1730.8 | 1789.3 | 1814.6 | 1843.8 | 1890.4 | 1941.0 | 1975.6 | 2008.8 |
| 15°    | 1548.5 | 1612.4 | 1668.2 | 1733.4 | 1803.9 | 1842.5 | 1879.8 | 1929.0 | 1974.2 | 2012.8 | 2051.4 |
| 17.5°  | 1521.9 | 1589.8 | 1658.9 | 1733.4 | 1813.3 | 1851.8 | 1883.8 | 1942.3 | 1990.2 | 2028.8 | 2063.4 |
| 20°    | 1490.0 | 1565.8 | 1644.3 | 1726.8 | 1807.9 | 1843.8 | 1874.4 | 1938.3 | 1980.9 | 2022.1 | 2071.3 |
| 22.5°  | 1455.4 | 1537.9 | 1621.7 | 1702.8 | 1782.7 | 1821.2 | 1857.2 | 1913.0 | 1959.6 | 2015.5 | 2079.3 |
| 25°    | 1415.5 | 1505.9 | 1591.1 | 1672.2 | 1748.1 | 1784.0 | 1815.9 | 1877.1 | 1942.3 | 2012.8 | 2084.6 |
| 27.5°  | 1375.6 | 1463.4 | 1545.9 | 1620.4 | 1702.8 | 1736.1 | 1768.0 | 1845.2 | 1922.3 | 1996.8 | 2095.3 |
| 30°    | 1331.7 | 1420.8 | 1492.6 | 1561.8 | 1641.6 | 1676.2 | 1716.1 | 1803.9 | 1891.7 | 1992.8 | 2112.6 |
| 32.5°  | 1282.4 | 1363.6 | 1430.1 | 1502.0 | 1573.8 | 1616.4 | 1666.9 | 1762.7 | 1863.8 | 1984.9 | 2137.9 |
| 35°    | 1233.2 | 1298.4 | 1359.6 | 1427.5 | 1513.9 | 1559.2 | 1608.4 | 1709.5 | 1835.9 | 1980.9 | 2159.1 |
| 37.5°  | 1170.7 | 1233.2 | 1281.1 | 1350.3 | 1439.4 | 1492.6 | 1541.9 | 1658.9 | 1802.6 | 1971.6 | 2157.8 |
| 40°    | 1106.8 | 1160.1 | 1205.3 | 1277.1 | 1374.2 | 1423.5 | 1476.7 | 1604.4 | 1768.0 | 1945.0 | 2125.9 |
| 42.5°  | 1037.7 | 1082.9 | 1132.1 | 1201.3 | 1295.7 | 1343.6 | 1404.8 | 1553.8 | 1720.1 | 1907.7 | 2043.4 |
| 45°    | 964.5  | 1008.4 | 1049.6 | 1121.5 | 1215.9 | 1267.8 | 1334.3 | 1487.3 | 1661.6 | 1829.2 | 1910.4 |
| 47.5°  | 892.7  | 931.2  | 975.1  | 1037.7 | 1133.4 | 1190.7 | 1258.5 | 1422.1 | 1583.1 | 1724.1 | 1730.8 |
| 50°    | 823.5  | 854.1  | 891.3  | 955.2  | 1055.0 | 1109.5 | 1180.0 | 1333.0 | 1490.0 | 1587.1 | 1521.9 |
| 52.5°  | 751.6  | 779.6  | 818.2  | 874.0  | 967.2  | 1031.0 | 1092.2 | 1245.2 | 1376.9 | 1442.1 | 1322.4 |
| 55°    | 681.1  | 705.1  | 745.0  | 807.5  | 888.7  | 937.9  | 1000.4 | 1142.8 | 1258.5 | 1259.8 | 1129.5 |
| 57.5°  | 612.0  | 633.2  | 666.5  | 722.4  | 798.2  | 855.4  | 912.6  | 1036.3 | 1114.8 | 1092.2 | 947.2  |
| 60°    | 550.8  | 564.1  | 594.7  | 649.2  | 719.7  | 761.0  | 822.1  | 925.9  | 977.8  | 936.6  | 780.9  |
| 62.5°  | 486.9  | 500.2  | 524.2  | 568.1  | 634.6  | 678.5  | 717.1  | 802.2  | 838.1  | 775.6  | 647.9  |
| 65°    | 423.0  | 439.0  | 456.3  | 490.9  | 553.4  | 582.7  | 617.3  | 679.8  | 714.4  | 641.2  | 530.8  |
| 67.5°  | 367.2  | 375.2  | 392.4  | 428.4  | 472.3  | 498.9  | 522.8  | 565.4  | 572.0  | 513.5  | 423.0  |
| 70°    | 315.3  | 318.0  | 333.9  | 355.2  | 388.5  | 404.4  | 424.4  | 449.7  | 449.7  | 401.8  | 329.9  |
| 72.5°  | 256.8  | 260.7  | 272.7  | 295.3  | 315.3  | 323.3  | 329.9  | 345.9  | 343.2  | 299.3  | 250.1  |
| 75°    | 206.2  | 208.9  | 218.2  | 228.8  | 236.8  | 251.4  | 256.8  | 254.1  | 252.8  | 215.5  | 187.6  |
| 77.5°  | 159.6  | 161.0  | 167.6  | 176.9  | 178.3  | 183.6  | 179.6  | 179.6  | 167.6  | 146.3  | 131.7  |
| 80°    | 117.1  | 118.4  | 121.1  | 123.7  | 123.7  | 123.7  | 123.7  | 117.1  | 109.1  | 95.8   | 91.8   |
| 82.5°  | 78.5   | 78.5   | 79.8   | 82.5   | 81.2   | 78.5   | 75.8   | 69.2   | 63.9   | 59.9   | 57.2   |
| 85°    | 46.6   | 46.6   | 47.9   | 46.6   | 41.2   | 39.9   | 37.2   | 35.9   | 34.6   | 33.3   | 33.3   |
| 87.5°  | 22.6   | 21.3   | 18.6   | 16.0   | 16.0   | 16.0   | 16.0   | 16.0   | 16.0   | 14.6   | 14.6   |
| 90°    | 1.2    | 2.3    | 4.6    | 6.9    | 9.2    | 10.4   | 11.5   | 12.7   | 15.0   | 16.1   | 18.4   |
| 92.5°  | 17.3   | 20.7   | 32.2   | 49.5   | 73.7   | 94.4   | 115.1  | 193.4  | 324.6  | 467.4  | 459.3  |
| 95°    | 38.0   | 39.1   | 48.4   | 61.0   | 86.3   | 112.2  | 138.1  | 261.3  | 514.6  | 832.3  | 1020.0 |
| 97.5°  | 58.7   | 59.9   | 66.8   | 79.4   | 102.5  | 121.4  | 140.4  | 225.6  | 420.2  | 763.2  | 1101.7 |
| 100°   | 80.6   | 82.9   | 87.5   | 100.2  | 122.0  | 139.3  | 156.6  | 223.3  | 373.0  | 663.1  | 1039.5 |
| 102.5° | 104.8  | 105.9  | 109.4  | 123.2  | 142.7  | 159.4  | 176.1  | 233.7  | 353.4  | 587.1  | 930.2  |
| 105°   | 130.1  | 130.1  | 135.8  | 147.4  | 165.8  | 181.9  | 198.0  | 248.7  | 351.1  | 543.4  | 834.6  |
| 107.5° | 154.3  | 156.6  | 162.3  | 171.5  | 191.1  | 205.5  | 219.9  | 269.4  | 359.2  | 520.3  | 763.2  |
| 110°   | 180.7  | 183.0  | 187.6  | 198.0  | 215.3  | 230.2  | 245.2  | 292.4  | 371.8  | 511.1  | 716.0  |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 22.5° | 25°   | 30°   | 35°   | 40°   | 45°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 207.2 | 209.5 | 213.0 | 223.3 | 240.6 | 255.0 | 269.4 | 314.3 | 388.0 | 511.1 | 688.4 |
| 115°   | 232.5 | 234.8 | 238.3 | 248.7 | 265.9 | 280.3 | 294.7 | 337.3 | 404.1 | 514.6 | 670.0 |
| 117.5° | 255.6 | 259.0 | 262.5 | 272.8 | 292.4 | 306.2 | 320.0 | 360.3 | 422.5 | 520.3 | 659.6 |
| 120°   | 278.6 | 282.0 | 286.6 | 297.0 | 316.6 | 331.0 | 345.4 | 385.7 | 440.9 | 529.6 | 652.7 |
| 122.5° | 302.8 | 305.1 | 308.5 | 318.9 | 340.8 | 355.2 | 369.5 | 409.8 | 461.6 | 537.6 | 647.0 |
| 125°   | 322.3 | 324.6 | 330.4 | 340.8 | 362.6 | 377.6 | 392.6 | 430.5 | 480.0 | 546.8 | 642.4 |
| 127.5° | 338.5 | 341.9 | 348.8 | 361.5 | 384.5 | 399.4 | 414.4 | 451.3 | 497.3 | 557.2 | 640.1 |
| 130°   | 353.4 | 356.9 | 366.1 | 381.0 | 405.2 | 420.2 | 435.2 | 470.8 | 514.6 | 566.4 | 637.8 |
| 132.5° | 364.9 | 369.5 | 381.0 | 398.3 | 423.6 | 438.6 | 453.6 | 489.3 | 529.6 | 576.8 | 637.8 |
| 135°   | 377.6 | 382.2 | 396.0 | 414.4 | 438.6 | 454.2 | 469.7 | 505.4 | 543.4 | 586.0 | 637.8 |
| 137.5° | 393.7 | 397.2 | 409.8 | 428.2 | 452.4 | 468.6 | 484.7 | 516.9 | 553.7 | 595.2 | 638.9 |
| 140°   | 407.5 | 411.0 | 424.8 | 443.2 | 465.1 | 480.6 | 496.2 | 529.6 | 564.1 | 600.9 | 640.1 |
| 142.5° | 423.6 | 425.9 | 438.6 | 457.0 | 477.7 | 492.1 | 506.5 | 537.6 | 569.8 | 604.4 | 641.2 |
| 145°   | 439.8 | 442.1 | 453.6 | 469.7 | 490.4 | 503.6 | 516.9 | 546.8 | 575.6 | 606.7 | 640.1 |
| 147.5° | 457.0 | 458.2 | 468.5 | 483.5 | 501.9 | 514.0 | 526.1 | 552.6 | 579.1 | 607.8 | 637.8 |
| 150°   | 472.0 | 474.3 | 482.4 | 497.3 | 513.4 | 523.2 | 533.0 | 558.3 | 582.5 | 607.8 | 634.3 |
| 152.5° | 488.1 | 489.3 | 496.2 | 508.8 | 523.8 | 532.4 | 541.1 | 564.1 | 584.8 | 606.7 | 629.7 |
| 155°   | 501.9 | 501.9 | 508.8 | 520.3 | 531.9 | 540.0 | 548.0 | 567.5 | 586.0 | 604.4 | 623.9 |
| 157.5° | 514.6 | 514.6 | 520.3 | 530.7 | 541.1 | 547.4 | 553.7 | 571.0 | 587.1 | 602.1 | 618.2 |
| 160°   | 527.2 | 526.1 | 530.7 | 538.8 | 548.0 | 553.2 | 558.3 | 573.3 | 587.1 | 598.6 | 612.4 |
| 162.5° | 537.6 | 536.5 | 541.1 | 548.0 | 554.9 | 558.9 | 562.9 | 575.6 | 586.0 | 595.2 | 605.5 |
| 165°   | 548.0 | 545.7 | 549.1 | 554.9 | 559.5 | 563.0 | 566.4 | 575.6 | 584.8 | 591.7 | 598.6 |
| 167.5° | 554.9 | 553.7 | 556.0 | 559.5 | 562.9 | 565.2 | 567.5 | 575.6 | 582.5 | 586.0 | 591.7 |
| 170°   | 561.8 | 560.6 | 561.8 | 564.1 | 566.4 | 568.1 | 569.8 | 575.6 | 580.2 | 582.5 | 586.0 |
| 172.5° | 566.4 | 564.1 | 565.2 | 567.5 | 568.7 | 569.2 | 569.8 | 574.4 | 577.9 | 577.9 | 579.1 |
| 175°   | 569.8 | 567.5 | 568.7 | 569.8 | 569.8 | 569.8 | 569.8 | 573.3 | 575.6 | 574.4 | 574.4 |
| 177.5° | 572.1 | 569.8 | 569.8 | 571.0 | 569.8 | 569.8 | 569.8 | 572.1 | 573.3 | 571.0 | 571.0 |
| 180°   | 571.0 | 571.0 | 571.0 | 571.0 | 571.0 | 571.0 | 571.0 | 571.0 | 571.0 | 571.0 | 571.0 |

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**CANDELA DISTRIBUTION (continued):**

|        | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1620.4 | 1620.4 | 1620.4 | 1620.4 | 1620.4 | 1620.4 | 1620.4 | 1620.4 | 1620.4 | 1620.4 | 1620.4 |
| 2.5°   | 1690.9 | 1700.2 | 1708.2 | 1704.2 | 1720.1 | 1718.8 | 1721.5 | 1726.8 | 1728.1 | 1725.4 | 1720.1 |
| 5°     | 1782.7 | 1796.0 | 1818.6 | 1830.5 | 1827.9 | 1838.5 | 1843.8 | 1851.8 | 1859.8 | 1857.2 | 1857.2 |
| 7.5°   | 1885.1 | 1903.7 | 1926.3 | 1956.9 | 1960.9 | 1970.2 | 1986.2 | 1986.2 | 1995.5 | 1991.5 | 1990.2 |
| 10°    | 1974.2 | 1996.8 | 2032.8 | 2056.7 | 2067.3 | 2072.7 | 2088.6 | 2094.0 | 2104.6 | 2105.9 | 2105.9 |
| 12.5°  | 2047.4 | 2087.3 | 2111.2 | 2135.2 | 2140.5 | 2148.5 | 2160.5 | 2168.5 | 2172.4 | 2172.4 | 2168.5 |
| 15°    | 2086.0 | 2117.9 | 2145.8 | 2171.1 | 2185.7 | 2192.4 | 2204.4 | 2213.7 | 2219.0 | 2231.0 | 2233.6 |
| 17.5°  | 2101.9 | 2140.5 | 2185.7 | 2221.7 | 2246.9 | 2253.6 | 2277.5 | 2285.5 | 2296.2 | 2301.5 | 2308.1 |
| 20°    | 2124.6 | 2180.4 | 2235.0 | 2278.9 | 2302.8 | 2320.1 | 2345.4 | 2382.6 | 2393.3 | 2393.3 | 2389.3 |
| 22.5°  | 2144.5 | 2216.3 | 2290.8 | 2361.4 | 2381.3 | 2415.9 | 2462.5 | 2502.4 | 2518.3 | 2525.0 | 2519.7 |
| 25°    | 2168.5 | 2266.9 | 2364.0 | 2451.8 | 2506.4 | 2531.6 | 2594.2 | 2642.1 | 2660.7 | 2671.3 | 2674.0 |
| 27.5°  | 2209.7 | 2333.4 | 2457.1 | 2568.9 | 2624.8 | 2654.0 | 2719.2 | 2760.5 | 2783.1 | 2792.4 | 2785.7 |
| 30°    | 2256.3 | 2407.9 | 2551.6 | 2651.4 | 2688.6 | 2724.5 | 2767.1 | 2783.1 | 2777.7 | 2777.7 | 2797.7 |
| 32.5°  | 2304.1 | 2461.1 | 2588.8 | 2654.0 | 2667.3 | 2662.0 | 2644.7 | 2596.8 | 2568.9 | 2568.9 | 2586.2 |
| 35°    | 2330.8 | 2466.4 | 2531.6 | 2510.3 | 2458.5 | 2427.9 | 2333.4 | 2280.2 | 2220.3 | 2216.3 | 2236.3 |
| 37.5°  | 2316.1 | 2374.7 | 2348.0 | 2208.4 | 2137.9 | 2079.3 | 1931.7 | 1873.1 | 1829.2 | 1768.0 | 1862.5 |
| 40°    | 2213.7 | 2193.7 | 2055.4 | 1854.5 | 1776.0 | 1693.5 | 1576.5 | 1517.9 | 1456.7 | 1447.4 | 1470.0 |
| 42.5°  | 2040.7 | 1922.3 | 1720.1 | 1525.9 | 1446.1 | 1387.5 | 1298.4 | 1241.2 | 1202.6 | 1186.7 | 1213.3 |
| 45°    | 1825.2 | 1639.0 | 1436.8 | 1282.4 | 1194.6 | 1164.0 | 1082.9 | 1032.3 | 1003.1 | 991.1  | 1009.7 |
| 47.5°  | 1561.8 | 1374.2 | 1182.7 | 1052.3 | 1000.4 | 969.8  | 915.3  | 871.4  | 846.1  | 838.1  | 846.1  |
| 50°    | 1326.3 | 1133.4 | 972.5  | 888.7  | 842.1  | 816.8  | 771.6  | 743.7  | 723.7  | 718.4  | 731.7  |
| 52.5°  | 1122.8 | 947.2  | 824.8  | 750.3  | 719.7  | 698.4  | 666.5  | 642.6  | 630.6  | 625.3  | 634.6  |
| 55°    | 940.5  | 798.2  | 699.8  | 635.9  | 613.3  | 600.0  | 572.0  | 558.7  | 545.4  | 544.1  | 553.4  |
| 57.5°  | 779.6  | 681.1  | 590.7  | 545.4  | 538.8  | 518.8  | 494.9  | 482.9  | 476.3  | 474.9  | 478.9  |
| 60°    | 649.2  | 561.4  | 506.9  | 466.9  | 457.6  | 441.7  | 428.4  | 420.4  | 412.4  | 409.7  | 412.4  |
| 62.5°  | 540.1  | 470.9  | 427.0  | 400.4  | 387.1  | 383.1  | 368.5  | 359.2  | 357.9  | 357.9  | 360.5  |
| 65°    | 445.7  | 387.1  | 359.2  | 337.9  | 328.6  | 324.6  | 314.0  | 307.3  | 308.6  | 308.6  | 310.0  |
| 67.5°  | 363.2  | 320.6  | 295.3  | 284.7  | 276.7  | 275.4  | 264.7  | 262.1  | 259.4  | 259.4  | 262.1  |
| 70°    | 288.7  | 262.1  | 243.5  | 238.1  | 236.8  | 227.5  | 223.5  | 222.2  | 218.2  | 219.5  | 219.5  |
| 72.5°  | 226.2  | 208.9  | 198.2  | 190.2  | 191.6  | 186.2  | 180.9  | 180.9  | 178.3  | 182.3  | 182.3  |
| 75°    | 167.6  | 159.6  | 151.7  | 149.0  | 151.7  | 149.0  | 145.0  | 143.7  | 145.0  | 143.7  | 143.7  |
| 77.5°  | 123.7  | 119.7  | 117.1  | 115.7  | 115.7  | 110.4  | 107.8  | 110.4  | 105.1  | 107.8  | 107.8  |
| 80°    | 86.5   | 81.2   | 79.8   | 77.2   | 78.5   | 74.5   | 75.8   | 73.2   | 73.2   | 73.2   | 73.2   |
| 82.5°  | 54.5   | 53.2   | 53.2   | 53.2   | 51.9   | 51.9   | 51.9   | 51.9   | 51.9   | 51.9   | 50.6   |
| 85°    | 33.3   | 31.9   | 31.9   | 31.9   | 30.6   | 30.6   | 30.6   | 30.6   | 30.6   | 30.6   | 30.6   |
| 87.5°  | 13.3   | 14.6   | 14.6   | 16.0   | 14.6   | 13.3   | 13.3   | 13.3   | 14.6   | 14.6   | 13.3   |
| 90°    | 19.6   | 20.7   | 21.9   | 23.0   | 24.2   | 25.3   | 25.3   | 25.3   | 26.5   | 26.5   | 26.5   |
| 92.5°  | 370.7  | 249.8  | 179.6  | 133.5  | 122.6  | 111.7  | 93.2   | 89.8   | 87.5   | 85.2   | 87.5   |
| 95°    | 998.1  | 827.7  | 652.7  | 511.1  | 462.8  | 414.4  | 332.7  | 298.2  | 289.0  | 270.5  | 289.0  |
| 97.5°  | 1246.7 | 1186.9 | 1047.6 | 904.8  | 835.8  | 766.7  | 697.6  | 637.8  | 606.7  | 592.9  | 606.7  |
| 100°   | 1327.3 | 1416.0 | 1359.6 | 1241.0 | 1181.2 | 1121.3 | 1041.8 | 958.9  | 916.4  | 897.9  | 916.4  |
| 102.5° | 1279.0 | 1493.1 | 1550.7 | 1509.2 | 1473.5 | 1437.8 | 1351.5 | 1298.6 | 1251.4 | 1238.7 | 1251.4 |
| 105°   | 1165.0 | 1441.3 | 1599.0 | 1649.7 | 1643.4 | 1637.0 | 1600.2 | 1562.2 | 1539.2 | 1525.3 | 1539.2 |
| 107.5° | 1056.8 | 1335.4 | 1543.8 | 1665.8 | 1691.1 | 1716.4 | 1726.8 | 1721.0 | 1709.5 | 1698.0 | 1709.5 |
| 110°   | 967.0  | 1215.7 | 1434.4 | 1596.7 | 1645.6 | 1694.6 | 1746.4 | 1768.2 | 1776.3 | 1776.3 | 1776.3 |

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**CANDELA DISTRIBUTION (continued):**

|        | 50°   | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 900.2 | 1121.3 | 1326.2 | 1490.8 | 1550.6 | 1610.5 | 1692.3 | 1733.7 | 1756.7 | 1767.1 | 1756.7 |
| 115°   | 855.3 | 1045.3 | 1223.7 | 1381.4 | 1444.2 | 1506.9 | 1596.7 | 1652.0 | 1684.2 | 1699.2 | 1684.2 |
| 117.5° | 825.4 | 992.3  | 1150.0 | 1288.2 | 1347.5 | 1406.8 | 1497.7 | 1555.3 | 1587.5 | 1596.7 | 1587.5 |
| 120°   | 801.2 | 950.9  | 1089.0 | 1215.7 | 1266.4 | 1317.0 | 1402.2 | 1457.4 | 1488.5 | 1497.7 | 1488.5 |
| 122.5° | 780.5 | 919.8  | 1045.3 | 1154.7 | 1201.3 | 1247.9 | 1321.6 | 1371.1 | 1402.2 | 1410.2 | 1402.2 |
| 125°   | 762.1 | 889.9  | 1007.3 | 1107.5 | 1148.9 | 1190.3 | 1254.8 | 1302.0 | 1327.3 | 1338.8 | 1327.3 |
| 127.5° | 744.8 | 858.8  | 970.5  | 1064.9 | 1104.0 | 1143.1 | 1201.9 | 1244.4 | 1268.6 | 1273.2 | 1268.6 |
| 130°   | 727.6 | 830.0  | 931.3  | 1021.1 | 1058.5 | 1095.9 | 1153.5 | 1191.5 | 1214.5 | 1221.4 | 1214.5 |
| 132.5° | 713.7 | 801.2  | 894.5  | 973.9  | 1009.6 | 1045.3 | 1102.8 | 1140.8 | 1161.6 | 1169.6 | 1161.6 |
| 135°   | 703.4 | 777.1  | 856.5  | 930.2  | 963.0  | 995.8  | 1046.4 | 1084.4 | 1105.2 | 1112.1 | 1105.2 |
| 137.5° | 693.0 | 755.2  | 822.0  | 885.3  | 914.0  | 942.8  | 988.9  | 1024.6 | 1044.1 | 1052.2 | 1044.1 |
| 140°   | 686.1 | 737.9  | 792.0  | 845.0  | 869.2  | 893.3  | 935.9  | 965.9  | 983.1  | 988.9  | 983.1  |
| 142.5° | 680.4 | 723.0  | 766.7  | 810.4  | 830.6  | 850.7  | 885.3  | 909.4  | 925.6  | 930.2  | 925.6  |
| 145°   | 674.6 | 710.3  | 746.0  | 781.7  | 797.2  | 812.7  | 840.4  | 859.9  | 872.6  | 877.2  | 872.6  |
| 147.5° | 668.8 | 697.6  | 727.6  | 756.3  | 768.4  | 780.5  | 803.5  | 819.7  | 827.7  | 830.0  | 827.7  |
| 150°   | 661.9 | 687.3  | 712.6  | 734.5  | 744.8  | 755.2  | 772.5  | 786.3  | 790.9  | 792.0  | 790.9  |
| 152.5° | 653.9 | 675.8  | 697.6  | 717.2  | 724.7  | 732.2  | 746.0  | 756.3  | 760.9  | 762.1  | 760.9  |
| 155°   | 644.7 | 664.2  | 682.7  | 698.8  | 705.1  | 711.4  | 723.0  | 731.0  | 734.5  | 735.6  | 734.5  |
| 157.5° | 636.6 | 652.7  | 668.8  | 681.5  | 686.7  | 691.9  | 701.1  | 708.0  | 711.4  | 711.4  | 711.4  |
| 160°   | 626.3 | 641.2  | 652.7  | 664.2  | 668.2  | 672.3  | 680.4  | 686.1  | 688.4  | 687.3  | 688.4  |
| 162.5° | 617.0 | 628.6  | 638.9  | 648.1  | 651.6  | 655.0  | 660.8  | 665.4  | 665.4  | 665.4  | 665.4  |
| 165°   | 607.8 | 617.0  | 625.1  | 632.0  | 634.9  | 637.8  | 642.4  | 644.7  | 644.7  | 644.7  | 644.7  |
| 167.5° | 598.6 | 605.5  | 611.3  | 617.0  | 619.3  | 621.6  | 623.9  | 626.3  | 625.1  | 625.1  | 625.1  |
| 170°   | 590.6 | 596.3  | 599.8  | 603.2  | 604.4  | 605.5  | 607.8  | 609.0  | 609.0  | 607.8  | 609.0  |
| 172.5° | 582.5 | 586.0  | 589.4  | 591.7  | 592.3  | 592.9  | 592.9  | 595.2  | 592.9  | 591.7  | 592.9  |
| 175°   | 575.6 | 579.1  | 579.1  | 581.4  | 581.4  | 581.4  | 581.4  | 582.5  | 580.2  | 579.1  | 580.2  |
| 177.5° | 572.1 | 573.3  | 574.4  | 574.4  | 574.4  | 574.4  | 573.3  | 574.4  | 571.0  | 571.0  | 571.0  |
| 180°   | 571.0 | 571.0  | 571.0  | 571.0  | 571.0  | 571.0  | 571.0  | 571.0  | 571.0  | 571.0  | 571.0  |

TEST NUMBER: P1028446

CATALOG NUMBER: S125RDIP-B1090D1270UB27-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1620.4 | 1620.4 | 1620.4 | 1620.4 | 1620.4 | 1620.4 | 1620.4 | 1620.4 | 1620.4 | 1620.4 | 1620.4 |
| 2.5°   | 1726.8 | 1717.5 | 1721.5 | 1717.5 | 1713.5 | 1709.5 | 1700.2 | 1686.9 | 1676.2 | 1668.2 | 1666.9 |
| 5°     | 1859.8 | 1847.8 | 1839.9 | 1835.9 | 1827.9 | 1817.2 | 1799.9 | 1780.0 | 1756.0 | 1746.7 | 1728.1 |
| 7.5°   | 1982.2 | 1978.2 | 1959.6 | 1956.9 | 1951.6 | 1931.7 | 1902.4 | 1875.8 | 1845.2 | 1819.9 | 1796.0 |
| 10°    | 2097.9 | 2088.6 | 2075.3 | 2056.7 | 2054.0 | 2028.8 | 2000.8 | 1963.6 | 1923.7 | 1899.7 | 1857.2 |
| 12.5°  | 2169.8 | 2159.1 | 2144.5 | 2132.5 | 2125.9 | 2109.9 | 2071.3 | 2034.1 | 1998.2 | 1954.3 | 1917.0 |
| 15°    | 2221.7 | 2208.4 | 2181.8 | 2172.4 | 2164.5 | 2143.2 | 2115.2 | 2076.7 | 2028.8 | 1998.2 | 1945.0 |
| 17.5°  | 2292.2 | 2276.2 | 2249.6 | 2232.3 | 2217.7 | 2184.4 | 2144.5 | 2092.6 | 2047.4 | 2012.8 | 1964.9 |
| 20°    | 2373.3 | 2349.4 | 2314.8 | 2292.2 | 2270.9 | 2232.3 | 2176.4 | 2115.2 | 2050.1 | 2007.5 | 1958.3 |
| 22.5°  | 2507.7 | 2462.5 | 2407.9 | 2376.0 | 2346.7 | 2280.2 | 2213.7 | 2137.9 | 2064.7 | 2000.8 | 1941.0 |
| 25°    | 2638.1 | 2592.8 | 2525.0 | 2481.1 | 2435.9 | 2358.7 | 2270.9 | 2165.8 | 2072.7 | 1998.2 | 1919.7 |
| 27.5°  | 2759.1 | 2712.6 | 2650.0 | 2596.8 | 2552.9 | 2437.2 | 2321.4 | 2203.0 | 2084.6 | 1982.2 | 1902.4 |
| 30°    | 2787.1 | 2767.1 | 2719.2 | 2672.7 | 2632.7 | 2526.3 | 2391.9 | 2241.6 | 2099.3 | 1967.6 | 1878.4 |
| 32.5°  | 2618.1 | 2667.3 | 2679.3 | 2672.7 | 2647.4 | 2571.5 | 2447.8 | 2289.5 | 2120.6 | 1960.9 | 1838.5 |
| 35°    | 2266.9 | 2356.0 | 2447.8 | 2497.0 | 2521.0 | 2531.6 | 2458.5 | 2313.5 | 2135.2 | 1950.3 | 1811.9 |
| 37.5°  | 1879.8 | 1966.2 | 2111.2 | 2184.4 | 2265.6 | 2372.0 | 2401.3 | 2308.1 | 2128.5 | 1942.3 | 1769.4 |
| 40°    | 1544.5 | 1654.9 | 1774.7 | 1841.2 | 1911.7 | 2103.3 | 2248.3 | 2237.6 | 2107.3 | 1913.0 | 1736.1 |
| 42.5°  | 1257.2 | 1326.3 | 1431.4 | 1504.6 | 1591.1 | 1805.3 | 1999.5 | 2095.3 | 2043.4 | 1877.1 | 1693.5 |
| 45°    | 1048.3 | 1101.5 | 1176.0 | 1250.5 | 1303.7 | 1498.0 | 1728.1 | 1885.1 | 1934.3 | 1813.3 | 1628.3 |
| 47.5°  | 883.3  | 923.3  | 988.4  | 1035.0 | 1092.2 | 1245.2 | 1444.7 | 1665.6 | 1769.4 | 1722.8 | 1559.2 |
| 50°    | 757.0  | 788.9  | 840.8  | 870.0  | 920.6  | 1052.3 | 1204.0 | 1435.4 | 1592.4 | 1597.7 | 1467.4 |
| 52.5°  | 646.5  | 678.5  | 722.4  | 747.7  | 778.2  | 867.4  | 1020.4 | 1215.9 | 1396.9 | 1463.4 | 1362.3 |
| 55°    | 562.7  | 581.4  | 617.3  | 637.2  | 665.2  | 751.6  | 848.8  | 1015.0 | 1204.0 | 1313.0 | 1249.2 |
| 57.5°  | 485.6  | 505.5  | 528.1  | 544.1  | 564.1  | 633.2  | 721.0  | 846.1  | 1033.7 | 1152.1 | 1130.8 |
| 60°    | 423.0  | 435.0  | 456.3  | 468.3  | 486.9  | 532.1  | 593.3  | 718.4  | 867.4  | 979.1  | 991.1  |
| 62.5°  | 364.5  | 375.2  | 389.8  | 400.4  | 412.4  | 448.3  | 493.6  | 582.7  | 713.1  | 834.1  | 850.1  |
| 65°    | 314.0  | 323.3  | 331.3  | 340.6  | 349.9  | 372.5  | 411.1  | 480.3  | 581.4  | 694.4  | 729.0  |
| 67.5°  | 268.7  | 271.4  | 283.4  | 284.7  | 290.0  | 307.3  | 335.2  | 391.1  | 464.3  | 554.8  | 600.0  |
| 70°    | 224.8  | 230.1  | 232.8  | 236.8  | 242.1  | 254.1  | 276.7  | 306.0  | 360.5  | 433.7  | 476.3  |
| 72.5°  | 182.3  | 183.6  | 187.6  | 190.2  | 195.6  | 204.9  | 215.5  | 238.1  | 272.7  | 325.9  | 364.5  |
| 75°    | 145.0  | 146.3  | 149.0  | 150.3  | 154.3  | 157.0  | 162.3  | 178.3  | 202.2  | 234.1  | 262.1  |
| 77.5°  | 109.1  | 111.7  | 114.4  | 114.4  | 115.7  | 118.4  | 121.1  | 126.4  | 138.4  | 159.6  | 183.6  |
| 80°    | 74.5   | 75.8   | 75.8   | 77.2   | 75.8   | 79.8   | 83.8   | 90.5   | 95.8   | 102.4  | 114.4  |
| 82.5°  | 51.9   | 51.9   | 51.9   | 53.2   | 53.2   | 54.5   | 54.5   | 55.9   | 57.2   | 61.2   | 66.5   |
| 85°    | 31.9   | 31.9   | 33.3   | 30.6   | 31.9   | 33.3   | 33.3   | 31.9   | 33.3   | 34.6   | 35.9   |
| 87.5°  | 13.3   | 13.3   | 14.6   | 14.6   | 14.6   | 14.6   | 13.3   | 14.6   | 13.3   | 14.6   | 14.6   |
| 90°    | 25.3   | 25.3   | 25.3   | 24.2   | 23.0   | 21.9   | 20.7   | 19.6   | 18.4   | 16.1   | 15.0   |
| 92.5°  | 89.8   | 93.2   | 111.7  | 122.6  | 133.5  | 179.6  | 249.8  | 370.7  | 459.3  | 467.4  | 324.6  |
| 95°    | 298.2  | 332.7  | 414.4  | 462.8  | 511.1  | 652.7  | 827.7  | 998.1  | 1020.0 | 832.3  | 514.6  |
| 97.5°  | 637.8  | 697.6  | 766.7  | 835.8  | 904.8  | 1047.6 | 1186.9 | 1246.7 | 1101.7 | 763.2  | 420.2  |
| 100°   | 958.9  | 1041.8 | 1121.3 | 1181.2 | 1241.0 | 1359.6 | 1416.0 | 1327.3 | 1039.5 | 663.1  | 373.0  |
| 102.5° | 1298.6 | 1351.5 | 1437.8 | 1473.5 | 1509.2 | 1550.7 | 1493.1 | 1279.0 | 930.2  | 587.1  | 353.4  |
| 105°   | 1562.2 | 1600.2 | 1637.0 | 1643.4 | 1649.7 | 1599.0 | 1441.3 | 1165.0 | 834.6  | 543.4  | 351.1  |
| 107.5° | 1721.0 | 1726.8 | 1716.4 | 1691.1 | 1665.8 | 1543.8 | 1335.4 | 1056.8 | 763.2  | 520.3  | 359.2  |
| 110°   | 1768.2 | 1746.4 | 1694.6 | 1645.6 | 1596.7 | 1434.4 | 1215.7 | 967.0  | 716.0  | 511.1  | 371.8  |

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**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°  | 135°  | 140°  | 145°  |
|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|
| 112.5° | 1733.7 | 1692.3 | 1610.5 | 1550.6 | 1490.8 | 1326.2 | 1121.3 | 900.2 | 688.4 | 511.1 | 388.0 |
| 115°   | 1652.0 | 1596.7 | 1506.9 | 1444.2 | 1381.4 | 1223.7 | 1045.3 | 855.3 | 670.0 | 514.6 | 404.1 |
| 117.5° | 1555.3 | 1497.7 | 1406.8 | 1347.5 | 1288.2 | 1150.0 | 992.3  | 825.4 | 659.6 | 520.3 | 422.5 |
| 120°   | 1457.4 | 1402.2 | 1317.0 | 1266.4 | 1215.7 | 1089.0 | 950.9  | 801.2 | 652.7 | 529.6 | 440.9 |
| 122.5° | 1371.1 | 1321.6 | 1247.9 | 1201.3 | 1154.7 | 1045.3 | 919.8  | 780.5 | 647.0 | 537.6 | 461.6 |
| 125°   | 1302.0 | 1254.8 | 1190.3 | 1148.9 | 1107.5 | 1007.3 | 889.9  | 762.1 | 642.4 | 546.8 | 480.0 |
| 127.5° | 1244.4 | 1201.9 | 1143.1 | 1104.0 | 1064.9 | 970.5  | 858.8  | 744.8 | 640.1 | 557.2 | 497.3 |
| 130°   | 1191.5 | 1153.5 | 1095.9 | 1058.5 | 1021.1 | 931.3  | 830.0  | 727.6 | 637.8 | 566.4 | 514.6 |
| 132.5° | 1140.8 | 1102.8 | 1045.3 | 1009.6 | 973.9  | 894.5  | 801.2  | 713.7 | 637.8 | 576.8 | 529.6 |
| 135°   | 1084.4 | 1046.4 | 995.8  | 963.0  | 930.2  | 856.5  | 777.1  | 703.4 | 637.8 | 586.0 | 543.4 |
| 137.5° | 1024.6 | 988.9  | 942.8  | 914.0  | 885.3  | 822.0  | 755.2  | 693.0 | 638.9 | 595.2 | 553.7 |
| 140°   | 965.9  | 935.9  | 893.3  | 869.2  | 845.0  | 792.0  | 737.9  | 686.1 | 640.1 | 600.9 | 564.1 |
| 142.5° | 909.4  | 885.3  | 850.7  | 830.6  | 810.4  | 766.7  | 723.0  | 680.4 | 641.2 | 604.4 | 569.8 |
| 145°   | 859.9  | 840.4  | 812.7  | 797.2  | 781.7  | 746.0  | 710.3  | 674.6 | 640.1 | 606.7 | 575.6 |
| 147.5° | 819.7  | 803.5  | 780.5  | 768.4  | 756.3  | 727.6  | 697.6  | 668.8 | 637.8 | 607.8 | 579.1 |
| 150°   | 786.3  | 772.5  | 755.2  | 744.8  | 734.5  | 712.6  | 687.3  | 661.9 | 634.3 | 607.8 | 582.5 |
| 152.5° | 756.3  | 746.0  | 732.2  | 724.7  | 717.2  | 697.6  | 675.8  | 653.9 | 629.7 | 606.7 | 584.8 |
| 155°   | 731.0  | 723.0  | 711.4  | 705.1  | 698.8  | 682.7  | 664.2  | 644.7 | 623.9 | 604.4 | 586.0 |
| 157.5° | 708.0  | 701.1  | 691.9  | 686.7  | 681.5  | 668.8  | 652.7  | 636.6 | 618.2 | 602.1 | 587.1 |
| 160°   | 686.1  | 680.4  | 672.3  | 668.2  | 664.2  | 652.7  | 641.2  | 626.3 | 612.4 | 598.6 | 587.1 |
| 162.5° | 665.4  | 660.8  | 655.0  | 651.6  | 648.1  | 638.9  | 628.6  | 617.0 | 605.5 | 595.2 | 586.0 |
| 165°   | 644.7  | 642.4  | 637.8  | 634.9  | 632.0  | 625.1  | 617.0  | 607.8 | 598.6 | 591.7 | 584.8 |
| 167.5° | 626.3  | 623.9  | 621.6  | 619.3  | 617.0  | 611.3  | 605.5  | 598.6 | 591.7 | 586.0 | 582.5 |
| 170°   | 609.0  | 607.8  | 605.5  | 604.4  | 603.2  | 599.8  | 596.3  | 590.6 | 586.0 | 582.5 | 580.2 |
| 172.5° | 595.2  | 592.9  | 592.9  | 592.3  | 591.7  | 589.4  | 586.0  | 582.5 | 579.1 | 577.9 | 577.9 |
| 175°   | 582.5  | 581.4  | 581.4  | 581.4  | 581.4  | 579.1  | 579.1  | 575.6 | 574.4 | 574.4 | 575.6 |
| 177.5° | 574.4  | 573.3  | 574.4  | 574.4  | 574.4  | 574.4  | 573.3  | 572.1 | 571.0 | 571.0 | 573.3 |
| 180°   | 571.0  | 571.0  | 571.0  | 571.0  | 571.0  | 571.0  | 571.0  | 571.0 | 571.0 | 571.0 | 571.0 |

TEST NUMBER: P1028446

CATALOG NUMBER: S125RDIP-B1090D1270UB27-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1620.4 | 1620.4 | 1620.4 | 1620.4 | 1620.4 | 1620.4 | 1620.4 | 1620.4 | 1620.4 | 1620.4 | 1620.4 |
| 2.5°   | 1662.9 | 1654.9 | 1649.6 | 1648.3 | 1640.3 | 1633.7 | 1625.7 | 1624.3 | 1620.4 | 1609.7 | 1603.1 |
| 5°     | 1714.8 | 1696.2 | 1692.2 | 1680.2 | 1660.3 | 1645.6 | 1627.0 | 1616.4 | 1604.4 | 1584.4 | 1568.5 |
| 7.5°   | 1768.0 | 1742.7 | 1724.1 | 1706.8 | 1678.9 | 1652.3 | 1625.7 | 1604.4 | 1583.1 | 1553.8 | 1529.9 |
| 10°    | 1819.9 | 1781.3 | 1758.7 | 1733.4 | 1694.9 | 1654.9 | 1617.7 | 1587.1 | 1552.5 | 1517.9 | 1483.3 |
| 12.5°  | 1867.8 | 1818.6 | 1785.3 | 1749.4 | 1701.5 | 1652.3 | 1604.4 | 1561.8 | 1525.9 | 1479.3 | 1440.8 |
| 15°    | 1897.1 | 1842.5 | 1809.3 | 1774.7 | 1702.8 | 1648.3 | 1592.4 | 1537.9 | 1490.0 | 1440.8 | 1404.8 |
| 17.5°  | 1914.4 | 1853.2 | 1815.9 | 1784.0 | 1710.8 | 1636.3 | 1564.5 | 1505.9 | 1454.1 | 1395.5 | 1347.6 |
| 20°    | 1906.4 | 1846.5 | 1811.9 | 1781.3 | 1696.2 | 1621.7 | 1544.5 | 1476.7 | 1411.5 | 1351.6 | 1301.1 |
| 22.5°  | 1889.1 | 1826.6 | 1788.0 | 1760.0 | 1684.2 | 1596.4 | 1511.3 | 1438.1 | 1370.2 | 1310.4 | 1253.2 |
| 25°    | 1851.8 | 1790.6 | 1757.4 | 1722.8 | 1648.3 | 1564.5 | 1478.0 | 1399.5 | 1327.7 | 1263.8 | 1200.0 |
| 27.5°  | 1818.6 | 1744.1 | 1709.5 | 1678.9 | 1600.4 | 1525.9 | 1440.8 | 1354.3 | 1281.1 | 1214.6 | 1150.7 |
| 30°    | 1780.0 | 1696.2 | 1658.9 | 1617.7 | 1547.2 | 1476.7 | 1391.5 | 1311.7 | 1235.9 | 1165.4 | 1104.2 |
| 32.5°  | 1738.8 | 1641.6 | 1599.1 | 1552.5 | 1480.7 | 1414.2 | 1342.3 | 1263.8 | 1188.0 | 1118.8 | 1055.0 |
| 35°    | 1685.5 | 1581.8 | 1532.6 | 1488.6 | 1414.2 | 1347.6 | 1281.1 | 1215.9 | 1140.1 | 1066.9 | 1005.7 |
| 37.5°  | 1635.0 | 1520.6 | 1468.7 | 1418.1 | 1339.7 | 1275.8 | 1221.3 | 1160.1 | 1086.9 | 1016.4 | 957.8  |
| 40°    | 1577.8 | 1446.1 | 1392.9 | 1346.3 | 1265.2 | 1194.6 | 1145.4 | 1097.5 | 1033.7 | 965.8  | 902.0  |
| 42.5°  | 1525.9 | 1376.9 | 1321.0 | 1273.1 | 1188.0 | 1121.5 | 1074.9 | 1035.0 | 979.1  | 916.6  | 851.4  |
| 45°    | 1454.1 | 1302.4 | 1245.2 | 1194.6 | 1108.2 | 1045.6 | 997.8  | 963.2  | 919.3  | 860.7  | 802.2  |
| 47.5°  | 1387.5 | 1230.6 | 1168.0 | 1106.8 | 1028.4 | 964.5  | 920.6  | 894.0  | 864.7  | 812.8  | 753.0  |
| 50°    | 1306.4 | 1148.1 | 1084.2 | 1033.7 | 944.5  | 890.0  | 846.1  | 827.5  | 800.9  | 751.6  | 703.7  |
| 52.5°  | 1218.6 | 1068.3 | 1008.4 | 947.2  | 864.7  | 811.5  | 772.9  | 751.6  | 730.4  | 694.4  | 649.2  |
| 55°    | 1116.2 | 979.1  | 923.3  | 868.7  | 786.2  | 737.0  | 702.4  | 679.8  | 667.8  | 634.6  | 601.3  |
| 57.5°  | 1017.7 | 888.7  | 836.8  | 786.2  | 714.4  | 658.5  | 635.9  | 615.9  | 598.7  | 574.7  | 546.8  |
| 60°    | 917.9  | 800.9  | 745.0  | 699.8  | 637.2  | 586.7  | 568.1  | 548.1  | 534.8  | 516.2  | 496.2  |
| 62.5°  | 803.5  | 703.7  | 661.2  | 618.6  | 565.4  | 525.5  | 504.2  | 488.2  | 470.9  | 459.0  | 441.7  |
| 65°    | 682.5  | 612.0  | 570.7  | 538.8  | 488.2  | 452.3  | 436.4  | 425.7  | 411.1  | 399.1  | 385.8  |
| 67.5°  | 569.4  | 513.5  | 496.2  | 461.6  | 423.0  | 391.1  | 379.1  | 365.8  | 353.9  | 347.2  | 335.2  |
| 70°    | 460.3  | 420.4  | 403.1  | 393.8  | 351.2  | 329.9  | 319.3  | 314.0  | 299.3  | 292.7  | 284.7  |
| 72.5°  | 356.5  | 341.9  | 329.9  | 318.0  | 290.0  | 276.7  | 264.7  | 259.4  | 248.8  | 243.5  | 240.8  |
| 75°    | 263.4  | 254.1  | 247.4  | 246.1  | 234.1  | 220.8  | 208.9  | 206.2  | 198.2  | 192.9  | 190.2  |
| 77.5°  | 184.9  | 182.3  | 180.9  | 182.3  | 174.3  | 166.3  | 163.6  | 161.0  | 151.7  | 150.3  | 150.3  |
| 80°    | 121.1  | 127.7  | 127.7  | 126.4  | 123.7  | 122.4  | 118.4  | 115.7  | 110.4  | 109.1  | 110.4  |
| 82.5°  | 74.5   | 78.5   | 79.8   | 82.5   | 81.2   | 79.8   | 77.2   | 75.8   | 77.2   | 74.5   | 75.8   |
| 85°    | 37.2   | 39.9   | 45.2   | 45.2   | 46.6   | 46.6   | 46.6   | 45.2   | 42.6   | 43.9   | 42.6   |
| 87.5°  | 14.6   | 16.0   | 16.0   | 16.0   | 14.6   | 18.6   | 20.0   | 20.0   | 20.0   | 17.3   | 17.3   |
| 90°    | 12.7   | 11.5   | 10.4   | 9.2    | 6.9    | 4.6    | 2.3    | 1.2    | 2.3    | 4.6    | 6.9    |
| 92.5°  | 193.4  | 115.1  | 94.4   | 73.7   | 49.5   | 32.2   | 20.7   | 17.3   | 20.7   | 32.2   | 49.5   |
| 95°    | 261.3  | 138.1  | 112.2  | 86.3   | 61.0   | 48.4   | 39.1   | 38.0   | 39.1   | 48.4   | 61.0   |
| 97.5°  | 225.6  | 140.4  | 121.4  | 102.5  | 79.4   | 66.8   | 59.9   | 58.7   | 59.9   | 66.8   | 79.4   |
| 100°   | 223.3  | 156.6  | 139.3  | 122.0  | 100.2  | 87.5   | 82.9   | 80.6   | 82.9   | 87.5   | 100.2  |
| 102.5° | 233.7  | 176.1  | 159.4  | 142.7  | 123.2  | 109.4  | 105.9  | 104.8  | 105.9  | 109.4  | 123.2  |
| 105°   | 248.7  | 198.0  | 181.9  | 165.8  | 147.4  | 135.8  | 130.1  | 130.1  | 130.1  | 135.8  | 147.4  |
| 107.5° | 269.4  | 219.9  | 205.5  | 191.1  | 171.5  | 162.3  | 156.6  | 154.3  | 156.6  | 162.3  | 171.5  |
| 110°   | 292.4  | 245.2  | 230.2  | 215.3  | 198.0  | 187.6  | 183.0  | 180.7  | 183.0  | 187.6  | 198.0  |

TEST NUMBER: P1028446

CATALOG NUMBER: S125RDIP-B1090D1270UB27-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 150°  | 155°  | 157.5° | 160°  | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  |
|--------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 314.3 | 269.4 | 255.0  | 240.6 | 223.3 | 213.0 | 209.5 | 207.2 | 209.5 | 213.0 | 223.3 |
| 115°   | 337.3 | 294.7 | 280.3  | 265.9 | 248.7 | 238.3 | 234.8 | 232.5 | 234.8 | 238.3 | 248.7 |
| 117.5° | 360.3 | 320.0 | 306.2  | 292.4 | 272.8 | 262.5 | 259.0 | 255.6 | 259.0 | 262.5 | 272.8 |
| 120°   | 385.7 | 345.4 | 331.0  | 316.6 | 297.0 | 286.6 | 282.0 | 278.6 | 282.0 | 286.6 | 297.0 |
| 122.5° | 409.8 | 369.5 | 355.2  | 340.8 | 318.9 | 308.5 | 305.1 | 302.8 | 305.1 | 308.5 | 318.9 |
| 125°   | 430.5 | 392.6 | 377.6  | 362.6 | 340.8 | 330.4 | 324.6 | 322.3 | 324.6 | 330.4 | 340.8 |
| 127.5° | 451.3 | 414.4 | 399.4  | 384.5 | 361.5 | 348.8 | 341.9 | 338.5 | 341.9 | 348.8 | 361.5 |
| 130°   | 470.8 | 435.2 | 420.2  | 405.2 | 381.0 | 366.1 | 356.9 | 353.4 | 356.9 | 366.1 | 381.0 |
| 132.5° | 489.3 | 453.6 | 438.6  | 423.6 | 398.3 | 381.0 | 369.5 | 364.9 | 369.5 | 381.0 | 398.3 |
| 135°   | 505.4 | 469.7 | 454.2  | 438.6 | 414.4 | 396.0 | 382.2 | 377.6 | 382.2 | 396.0 | 414.4 |
| 137.5° | 516.9 | 484.7 | 468.6  | 452.4 | 428.2 | 409.8 | 397.2 | 393.7 | 397.2 | 409.8 | 428.2 |
| 140°   | 529.6 | 496.2 | 480.6  | 465.1 | 443.2 | 424.8 | 411.0 | 407.5 | 411.0 | 424.8 | 443.2 |
| 142.5° | 537.6 | 506.5 | 492.1  | 477.7 | 457.0 | 438.6 | 425.9 | 423.6 | 425.9 | 438.6 | 457.0 |
| 145°   | 546.8 | 516.9 | 503.6  | 490.4 | 469.7 | 453.6 | 442.1 | 439.8 | 442.1 | 453.6 | 469.7 |
| 147.5° | 552.6 | 526.1 | 514.0  | 501.9 | 483.5 | 468.5 | 458.2 | 457.0 | 458.2 | 468.5 | 483.5 |
| 150°   | 558.3 | 533.0 | 523.2  | 513.4 | 497.3 | 482.4 | 474.3 | 472.0 | 474.3 | 482.4 | 497.3 |
| 152.5° | 564.1 | 541.1 | 532.4  | 523.8 | 508.8 | 496.2 | 489.3 | 488.1 | 489.3 | 496.2 | 508.8 |
| 155°   | 567.5 | 548.0 | 540.0  | 531.9 | 520.3 | 508.8 | 501.9 | 501.9 | 501.9 | 508.8 | 520.3 |
| 157.5° | 571.0 | 553.7 | 547.4  | 541.1 | 530.7 | 520.3 | 514.6 | 514.6 | 514.6 | 520.3 | 530.7 |
| 160°   | 573.3 | 558.3 | 553.2  | 548.0 | 538.8 | 530.7 | 526.1 | 527.2 | 526.1 | 530.7 | 538.8 |
| 162.5° | 575.6 | 562.9 | 558.9  | 554.9 | 548.0 | 541.1 | 536.5 | 537.6 | 536.5 | 541.1 | 548.0 |
| 165°   | 575.6 | 566.4 | 563.0  | 559.5 | 554.9 | 549.1 | 545.7 | 548.0 | 545.7 | 549.1 | 554.9 |
| 167.5° | 575.6 | 567.5 | 565.2  | 562.9 | 559.5 | 556.0 | 553.7 | 554.9 | 553.7 | 556.0 | 559.5 |
| 170°   | 575.6 | 569.8 | 568.1  | 566.4 | 564.1 | 561.8 | 560.6 | 561.8 | 560.6 | 561.8 | 564.1 |
| 172.5° | 574.4 | 569.8 | 569.2  | 568.7 | 567.5 | 565.2 | 564.1 | 566.4 | 564.1 | 565.2 | 567.5 |
| 175°   | 573.3 | 569.8 | 569.8  | 569.8 | 569.8 | 568.7 | 567.5 | 569.8 | 567.5 | 568.7 | 569.8 |
| 177.5° | 572.1 | 569.8 | 569.8  | 569.8 | 571.0 | 569.8 | 569.8 | 572.1 | 569.8 | 569.8 | 571.0 |
| 180°   | 571.0 | 571.0 | 571.0  | 571.0 | 571.0 | 571.0 | 571.0 | 571.0 | 571.0 | 571.0 | 571.0 |

TEST NUMBER: P1028446

CATALOG NUMBER: S125RDIP-B1090D1270UB27-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 200°   | 202.5° | 205°   | 210°   | 215°   | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1620.4 | 1620.4 | 1620.4 | 1620.4 | 1620.4 | 1620.4 | 1620.4 | 1620.4 | 1620.4 | 1620.4 | 1620.4 |
| 2.5°   | 1599.1 | 1593.7 | 1589.8 | 1585.8 | 1568.5 | 1549.8 | 1547.2 | 1543.2 | 1535.2 | 1544.5 | 1540.5 |
| 5°     | 1557.8 | 1545.9 | 1539.2 | 1521.9 | 1500.6 | 1484.7 | 1471.4 | 1455.4 | 1448.7 | 1443.4 | 1442.1 |
| 7.5°   | 1507.3 | 1496.6 | 1484.7 | 1467.4 | 1440.8 | 1414.2 | 1394.2 | 1378.2 | 1364.9 | 1358.3 | 1358.3 |
| 10°    | 1458.1 | 1444.7 | 1428.8 | 1399.5 | 1374.2 | 1341.0 | 1319.7 | 1303.7 | 1285.1 | 1274.5 | 1265.2 |
| 12.5°  | 1407.5 | 1392.9 | 1378.2 | 1341.0 | 1311.7 | 1277.1 | 1246.5 | 1226.6 | 1217.3 | 1205.3 | 1189.3 |
| 15°    | 1356.9 | 1334.3 | 1319.7 | 1282.4 | 1245.2 | 1210.6 | 1190.7 | 1169.4 | 1148.1 | 1136.1 | 1130.8 |
| 17.5°  | 1303.7 | 1287.8 | 1263.8 | 1223.9 | 1182.7 | 1152.1 | 1122.8 | 1102.9 | 1077.6 | 1065.6 | 1053.6 |
| 20°    | 1255.8 | 1231.9 | 1207.9 | 1168.0 | 1128.1 | 1086.9 | 1057.6 | 1033.7 | 1017.7 | 1008.4 | 997.8  |
| 22.5°  | 1198.6 | 1176.0 | 1156.1 | 1113.5 | 1069.6 | 1031.0 | 999.1  | 984.5  | 968.5  | 953.9  | 943.2  |
| 25°    | 1149.4 | 1126.8 | 1106.8 | 1060.3 | 1012.4 | 976.5  | 952.5  | 933.9  | 916.6  | 910.0  | 899.3  |
| 27.5°  | 1097.5 | 1076.2 | 1049.6 | 1003.1 | 960.5  | 929.9  | 904.6  | 887.3  | 874.0  | 860.7  | 852.7  |
| 30°    | 1048.3 | 1024.4 | 1000.4 | 949.9  | 915.3  | 884.7  | 860.7  | 839.4  | 828.8  | 822.1  | 808.8  |
| 32.5°  | 1000.4 | 969.8  | 949.9  | 903.3  | 870.0  | 840.8  | 820.8  | 802.2  | 788.9  | 776.9  | 766.3  |
| 35°    | 948.5  | 915.3  | 895.3  | 856.7  | 822.1  | 792.9  | 775.6  | 762.3  | 746.3  | 735.7  | 730.4  |
| 37.5°  | 899.3  | 871.4  | 851.4  | 811.5  | 776.9  | 753.0  | 734.3  | 717.1  | 710.4  | 695.8  | 693.1  |
| 40°    | 846.1  | 822.1  | 803.5  | 764.9  | 733.0  | 714.4  | 694.4  | 678.5  | 666.5  | 659.8  | 650.5  |
| 42.5°  | 798.2  | 778.2  | 758.3  | 722.4  | 691.8  | 669.2  | 654.5  | 639.9  | 629.3  | 618.6  | 612.0  |
| 45°    | 754.3  | 733.0  | 714.4  | 679.8  | 649.2  | 629.3  | 614.6  | 597.3  | 594.7  | 580.0  | 573.4  |
| 47.5°  | 707.7  | 689.1  | 673.2  | 637.2  | 609.3  | 589.3  | 572.0  | 560.1  | 548.1  | 542.8  | 533.5  |
| 50°    | 662.5  | 643.9  | 625.3  | 593.3  | 568.1  | 548.1  | 530.8  | 517.5  | 510.9  | 502.9  | 494.9  |
| 52.5°  | 613.3  | 598.7  | 584.0  | 550.8  | 525.5  | 508.2  | 493.6  | 476.3  | 469.6  | 463.0  | 457.6  |
| 55°    | 572.0  | 550.8  | 534.8  | 506.9  | 484.2  | 465.6  | 449.7  | 436.4  | 429.7  | 424.4  | 417.7  |
| 57.5°  | 516.2  | 502.9  | 489.6  | 464.3  | 443.0  | 424.4  | 408.4  | 397.8  | 389.8  | 385.8  | 387.1  |
| 60°    | 468.3  | 453.6  | 445.7  | 419.1  | 397.8  | 383.1  | 368.5  | 357.9  | 349.9  | 345.9  | 344.6  |
| 62.5°  | 417.7  | 407.1  | 392.4  | 373.8  | 352.5  | 339.2  | 328.6  | 320.6  | 307.3  | 306.0  | 302.0  |
| 65°    | 368.5  | 360.5  | 347.2  | 329.9  | 312.6  | 300.7  | 288.7  | 278.0  | 272.7  | 266.1  | 262.1  |
| 67.5°  | 320.6  | 312.6  | 300.7  | 286.0  | 274.0  | 262.1  | 251.4  | 240.8  | 231.5  | 226.2  | 223.5  |
| 70°    | 274.0  | 267.4  | 259.4  | 242.1  | 227.5  | 218.2  | 210.2  | 203.5  | 194.2  | 191.6  | 190.2  |
| 72.5°  | 228.8  | 222.2  | 218.2  | 203.5  | 190.2  | 182.3  | 174.3  | 167.6  | 163.6  | 162.3  | 158.3  |
| 75°    | 187.6  | 180.9  | 175.6  | 162.3  | 154.3  | 149.0  | 141.0  | 138.4  | 134.4  | 133.0  | 131.7  |
| 77.5°  | 146.3  | 139.7  | 138.4  | 129.0  | 119.7  | 117.1  | 114.4  | 109.1  | 109.1  | 109.1  | 106.4  |
| 80°    | 105.1  | 103.8  | 102.4  | 93.1   | 89.1   | 86.5   | 85.1   | 81.2   | 78.5   | 75.8   | 74.5   |
| 82.5°  | 70.5   | 69.2   | 67.8   | 63.9   | 59.9   | 58.5   | 57.2   | 54.5   | 54.5   | 55.9   | 53.2   |
| 85°    | 42.6   | 39.9   | 38.6   | 37.2   | 34.6   | 34.6   | 35.9   | 34.6   | 34.6   | 34.6   | 33.3   |
| 87.5°  | 16.0   | 16.0   | 16.0   | 16.0   | 17.3   | 14.6   | 16.0   | 16.0   | 14.6   | 14.6   | 13.3   |
| 90°    | 9.2    | 10.4   | 11.5   | 12.7   | 15.0   | 16.1   | 18.4   | 19.6   | 20.7   | 21.9   | 23.0   |
| 92.5°  | 73.7   | 94.4   | 115.1  | 193.4  | 324.6  | 467.4  | 459.3  | 370.7  | 249.8  | 179.6  | 133.5  |
| 95°    | 86.3   | 112.2  | 138.1  | 261.3  | 514.6  | 832.3  | 1020.0 | 998.1  | 827.7  | 652.7  | 511.1  |
| 97.5°  | 102.5  | 121.4  | 140.4  | 225.6  | 420.2  | 763.2  | 1101.7 | 1246.7 | 1186.9 | 1047.6 | 904.8  |
| 100°   | 122.0  | 139.3  | 156.6  | 223.3  | 373.0  | 663.1  | 1039.5 | 1327.3 | 1416.0 | 1359.6 | 1241.0 |
| 102.5° | 142.7  | 159.4  | 176.1  | 233.7  | 353.4  | 587.1  | 930.2  | 1279.0 | 1493.1 | 1550.7 | 1509.2 |
| 105°   | 165.8  | 181.9  | 198.0  | 248.7  | 351.1  | 543.4  | 834.6  | 1165.0 | 1441.3 | 1599.0 | 1649.7 |
| 107.5° | 191.1  | 205.5  | 219.9  | 269.4  | 359.2  | 520.3  | 763.2  | 1056.8 | 1335.4 | 1543.8 | 1665.8 |
| 110°   | 215.3  | 230.2  | 245.2  | 292.4  | 371.8  | 511.1  | 716.0  | 967.0  | 1215.7 | 1434.4 | 1596.7 |

TEST NUMBER: P1028446

CATALOG NUMBER: S125RDIP-B1090D1270UB27-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 200°  | 202.5° | 205°  | 210°  | 215°  | 220°  | 225°  | 230°  | 235°   | 240°   | 245°   |
|--------|-------|--------|-------|-------|-------|-------|-------|-------|--------|--------|--------|
| 112.5° | 240.6 | 255.0  | 269.4 | 314.3 | 388.0 | 511.1 | 688.4 | 900.2 | 1121.3 | 1326.2 | 1490.8 |
| 115°   | 265.9 | 280.3  | 294.7 | 337.3 | 404.1 | 514.6 | 670.0 | 855.3 | 1045.3 | 1223.7 | 1381.4 |
| 117.5° | 292.4 | 306.2  | 320.0 | 360.3 | 422.5 | 520.3 | 659.6 | 825.4 | 992.3  | 1150.0 | 1288.2 |
| 120°   | 316.6 | 331.0  | 345.4 | 385.7 | 440.9 | 529.6 | 652.7 | 801.2 | 950.9  | 1089.0 | 1215.7 |
| 122.5° | 340.8 | 355.2  | 369.5 | 409.8 | 461.6 | 537.6 | 647.0 | 780.5 | 919.8  | 1045.3 | 1154.7 |
| 125°   | 362.6 | 377.6  | 392.6 | 430.5 | 480.0 | 546.8 | 642.4 | 762.1 | 889.9  | 1007.3 | 1107.5 |
| 127.5° | 384.5 | 399.4  | 414.4 | 451.3 | 497.3 | 557.2 | 640.1 | 744.8 | 858.8  | 970.5  | 1064.9 |
| 130°   | 405.2 | 420.2  | 435.2 | 470.8 | 514.6 | 566.4 | 637.8 | 727.6 | 830.0  | 931.3  | 1021.1 |
| 132.5° | 423.6 | 438.6  | 453.6 | 489.3 | 529.6 | 576.8 | 637.8 | 713.7 | 801.2  | 894.5  | 973.9  |
| 135°   | 438.6 | 454.2  | 469.7 | 505.4 | 543.4 | 586.0 | 637.8 | 703.4 | 777.1  | 856.5  | 930.2  |
| 137.5° | 452.4 | 468.6  | 484.7 | 516.9 | 553.7 | 595.2 | 638.9 | 693.0 | 755.2  | 822.0  | 885.3  |
| 140°   | 465.1 | 480.6  | 496.2 | 529.6 | 564.1 | 600.9 | 640.1 | 686.1 | 737.9  | 792.0  | 845.0  |
| 142.5° | 477.7 | 492.1  | 506.5 | 537.6 | 569.8 | 604.4 | 641.2 | 680.4 | 723.0  | 766.7  | 810.4  |
| 145°   | 490.4 | 503.6  | 516.9 | 546.8 | 575.6 | 606.7 | 640.1 | 674.6 | 710.3  | 746.0  | 781.7  |
| 147.5° | 501.9 | 514.0  | 526.1 | 552.6 | 579.1 | 607.8 | 637.8 | 668.8 | 697.6  | 727.6  | 756.3  |
| 150°   | 513.4 | 523.2  | 533.0 | 558.3 | 582.5 | 607.8 | 634.3 | 661.9 | 687.3  | 712.6  | 734.5  |
| 152.5° | 523.8 | 532.4  | 541.1 | 564.1 | 584.8 | 606.7 | 629.7 | 653.9 | 675.8  | 697.6  | 717.2  |
| 155°   | 531.9 | 540.0  | 548.0 | 567.5 | 586.0 | 604.4 | 623.9 | 644.7 | 664.2  | 682.7  | 698.8  |
| 157.5° | 541.1 | 547.4  | 553.7 | 571.0 | 587.1 | 602.1 | 618.2 | 636.6 | 652.7  | 668.8  | 681.5  |
| 160°   | 548.0 | 553.2  | 558.3 | 573.3 | 587.1 | 598.6 | 612.4 | 626.3 | 641.2  | 652.7  | 664.2  |
| 162.5° | 554.9 | 558.9  | 562.9 | 575.6 | 586.0 | 595.2 | 605.5 | 617.0 | 628.6  | 638.9  | 648.1  |
| 165°   | 559.5 | 563.0  | 566.4 | 575.6 | 584.8 | 591.7 | 598.6 | 607.8 | 617.0  | 625.1  | 632.0  |
| 167.5° | 562.9 | 565.2  | 567.5 | 575.6 | 582.5 | 586.0 | 591.7 | 598.6 | 605.5  | 611.3  | 617.0  |
| 170°   | 566.4 | 568.1  | 569.8 | 575.6 | 580.2 | 582.5 | 586.0 | 590.6 | 596.3  | 599.8  | 603.2  |
| 172.5° | 568.7 | 569.2  | 569.8 | 574.4 | 577.9 | 577.9 | 579.1 | 582.5 | 586.0  | 589.4  | 591.7  |
| 175°   | 569.8 | 569.8  | 569.8 | 573.3 | 575.6 | 574.4 | 574.4 | 575.6 | 579.1  | 579.1  | 581.4  |
| 177.5° | 569.8 | 569.8  | 569.8 | 572.1 | 573.3 | 571.0 | 571.0 | 572.1 | 573.3  | 574.4  | 574.4  |
| 180°   | 571.0 | 571.0  | 571.0 | 571.0 | 571.0 | 571.0 | 571.0 | 571.0 | 571.0  | 571.0  | 571.0  |

TEST NUMBER: P1028446

CATALOG NUMBER: S125RDIP-B1090D1270UB27-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1620.4 | 1620.4 | 1620.4 | 1620.4 | 1620.4 | 1620.4 | 1620.4 | 1620.4 | 1620.4 | 1620.4 | 1620.4 |
| 2.5°   | 1533.9 | 1536.5 | 1529.9 | 1527.2 | 1521.9 | 1528.6 | 1529.9 | 1528.6 | 1540.5 | 1535.2 | 1537.9 |
| 5°     | 1444.7 | 1439.4 | 1435.4 | 1426.1 | 1426.1 | 1427.5 | 1431.4 | 1424.8 | 1428.8 | 1438.1 | 1436.8 |
| 7.5°   | 1346.3 | 1343.6 | 1345.0 | 1334.3 | 1326.3 | 1329.0 | 1326.3 | 1338.3 | 1345.0 | 1342.3 | 1347.6 |
| 10°    | 1257.2 | 1262.5 | 1250.5 | 1245.2 | 1239.9 | 1245.2 | 1243.9 | 1246.5 | 1254.5 | 1259.8 | 1269.1 |
| 12.5°  | 1185.3 | 1184.0 | 1177.3 | 1172.0 | 1162.7 | 1165.4 | 1173.4 | 1170.7 | 1172.0 | 1184.0 | 1182.7 |
| 15°    | 1117.5 | 1109.5 | 1104.2 | 1092.2 | 1094.9 | 1085.6 | 1093.5 | 1102.9 | 1106.8 | 1117.5 | 1124.1 |
| 17.5°  | 1049.6 | 1048.3 | 1041.7 | 1040.3 | 1025.7 | 1021.7 | 1029.7 | 1032.3 | 1036.3 | 1041.7 | 1051.0 |
| 20°    | 992.4  | 991.1  | 981.8  | 979.1  | 967.2  | 975.1  | 972.5  | 977.8  | 980.5  | 991.1  | 995.1  |
| 22.5°  | 940.5  | 933.9  | 931.2  | 927.2  | 923.3  | 921.9  | 927.2  | 925.9  | 935.2  | 939.2  | 940.5  |
| 25°    | 892.7  | 887.3  | 886.0  | 879.4  | 876.7  | 872.7  | 876.7  | 880.7  | 891.3  | 895.3  | 900.6  |
| 27.5°  | 848.8  | 844.8  | 842.1  | 836.8  | 832.8  | 832.8  | 835.5  | 840.8  | 844.8  | 847.4  | 850.1  |
| 30°    | 808.8  | 806.2  | 798.2  | 795.5  | 791.6  | 791.6  | 791.6  | 794.2  | 800.9  | 808.8  | 812.8  |
| 32.5°  | 767.6  | 762.3  | 757.0  | 757.0  | 753.0  | 753.0  | 754.3  | 757.0  | 763.6  | 764.9  | 771.6  |
| 35°    | 727.7  | 722.4  | 718.4  | 715.7  | 717.1  | 711.7  | 714.4  | 718.4  | 726.4  | 729.0  | 733.0  |
| 37.5°  | 689.1  | 687.8  | 679.8  | 675.8  | 678.5  | 678.5  | 677.1  | 679.8  | 685.1  | 690.4  | 693.1  |
| 40°    | 646.5  | 643.9  | 643.9  | 639.9  | 641.2  | 635.9  | 639.9  | 642.6  | 645.2  | 650.5  | 654.5  |
| 42.5°  | 609.3  | 606.6  | 601.3  | 602.6  | 598.7  | 598.7  | 601.3  | 602.6  | 606.6  | 613.3  | 615.9  |
| 45°    | 569.4  | 569.4  | 566.7  | 562.7  | 564.1  | 560.1  | 562.7  | 564.1  | 569.4  | 576.0  | 573.4  |
| 47.5°  | 530.8  | 529.5  | 529.5  | 524.2  | 526.8  | 522.8  | 526.8  | 528.1  | 530.8  | 534.8  | 533.5  |
| 50°    | 493.6  | 489.6  | 490.9  | 489.6  | 488.2  | 488.2  | 490.9  | 490.9  | 493.6  | 493.6  | 497.5  |
| 52.5°  | 455.0  | 455.0  | 452.3  | 453.6  | 456.3  | 453.6  | 457.6  | 453.6  | 456.3  | 457.6  | 460.3  |
| 55°    | 420.4  | 417.7  | 419.1  | 417.7  | 423.0  | 419.1  | 423.0  | 420.4  | 423.0  | 421.7  | 424.4  |
| 57.5°  | 383.1  | 379.1  | 380.5  | 379.1  | 383.1  | 381.8  | 385.8  | 381.8  | 383.1  | 384.5  | 388.5  |
| 60°    | 340.6  | 340.6  | 340.6  | 337.9  | 341.9  | 341.9  | 340.6  | 340.6  | 345.9  | 348.5  | 347.2  |
| 62.5°  | 300.7  | 299.3  | 295.3  | 294.0  | 295.3  | 292.7  | 298.0  | 296.7  | 299.3  | 302.0  | 304.6  |
| 65°    | 256.8  | 254.1  | 252.8  | 250.1  | 250.1  | 248.8  | 250.1  | 255.4  | 256.8  | 258.1  | 264.7  |
| 67.5°  | 220.8  | 219.5  | 218.2  | 214.2  | 214.2  | 216.8  | 216.8  | 216.8  | 224.8  | 220.8  | 226.2  |
| 70°    | 188.9  | 186.2  | 183.6  | 182.3  | 182.3  | 183.6  | 184.9  | 186.2  | 184.9  | 190.2  | 191.6  |
| 72.5°  | 158.3  | 159.6  | 157.0  | 157.0  | 157.0  | 155.6  | 155.6  | 158.3  | 159.6  | 158.3  | 159.6  |
| 75°    | 131.7  | 131.7  | 130.4  | 131.7  | 131.7  | 130.4  | 130.4  | 133.0  | 133.0  | 131.7  | 135.7  |
| 77.5°  | 106.4  | 105.1  | 102.4  | 99.8   | 101.1  | 99.8   | 101.1  | 99.8   | 103.8  | 107.8  | 105.1  |
| 80°    | 74.5   | 73.2   | 73.2   | 73.2   | 74.5   | 73.2   | 75.8   | 73.2   | 74.5   | 74.5   | 75.8   |
| 82.5°  | 53.2   | 54.5   | 54.5   | 53.2   | 54.5   | 53.2   | 54.5   | 54.5   | 54.5   | 53.2   | 54.5   |
| 85°    | 34.6   | 34.6   | 34.6   | 34.6   | 33.3   | 34.6   | 34.6   | 34.6   | 35.9   | 34.6   | 35.9   |
| 87.5°  | 14.6   | 14.6   | 14.6   | 14.6   | 14.6   | 14.6   | 14.6   | 14.6   | 16.0   | 14.6   | 16.0   |
| 90°    | 24.2   | 25.3   | 25.3   | 25.3   | 26.5   | 26.5   | 26.5   | 25.3   | 25.3   | 25.3   | 24.2   |
| 92.5°  | 122.6  | 111.7  | 93.2   | 89.8   | 87.5   | 85.2   | 87.5   | 89.8   | 93.2   | 111.7  | 122.6  |
| 95°    | 462.8  | 414.4  | 332.7  | 298.2  | 289.0  | 270.5  | 289.0  | 298.2  | 332.7  | 414.4  | 462.8  |
| 97.5°  | 835.8  | 766.7  | 697.6  | 637.8  | 606.7  | 592.9  | 606.7  | 637.8  | 697.6  | 766.7  | 835.8  |
| 100°   | 1181.2 | 1121.3 | 1041.8 | 958.9  | 916.4  | 897.9  | 916.4  | 958.9  | 1041.8 | 1121.3 | 1181.2 |
| 102.5° | 1473.5 | 1437.8 | 1351.5 | 1298.6 | 1251.4 | 1238.7 | 1251.4 | 1298.6 | 1351.5 | 1437.8 | 1473.5 |
| 105°   | 1643.4 | 1637.0 | 1600.2 | 1562.2 | 1539.2 | 1525.3 | 1539.2 | 1562.2 | 1600.2 | 1637.0 | 1643.4 |
| 107.5° | 1691.1 | 1716.4 | 1726.8 | 1721.0 | 1709.5 | 1698.0 | 1709.5 | 1721.0 | 1726.8 | 1716.4 | 1691.1 |
| 110°   | 1645.6 | 1694.6 | 1746.4 | 1768.2 | 1776.3 | 1776.3 | 1776.3 | 1768.2 | 1746.4 | 1694.6 | 1645.6 |

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CATALOG NUMBER: S125RDIP-B1090D1270UB27-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 1550.6 | 1610.5 | 1692.3 | 1733.7 | 1756.7 | 1767.1 | 1756.7 | 1733.7 | 1692.3 | 1610.5 | 1550.6 |
| 115°   | 1444.2 | 1506.9 | 1596.7 | 1652.0 | 1684.2 | 1699.2 | 1684.2 | 1652.0 | 1596.7 | 1506.9 | 1444.2 |
| 117.5° | 1347.5 | 1406.8 | 1497.7 | 1555.3 | 1587.5 | 1596.7 | 1587.5 | 1555.3 | 1497.7 | 1406.8 | 1347.5 |
| 120°   | 1266.4 | 1317.0 | 1402.2 | 1457.4 | 1488.5 | 1497.7 | 1488.5 | 1457.4 | 1402.2 | 1317.0 | 1266.4 |
| 122.5° | 1201.3 | 1247.9 | 1321.6 | 1371.1 | 1402.2 | 1410.2 | 1402.2 | 1371.1 | 1321.6 | 1247.9 | 1201.3 |
| 125°   | 1148.9 | 1190.3 | 1254.8 | 1302.0 | 1327.3 | 1338.8 | 1327.3 | 1302.0 | 1254.8 | 1190.3 | 1148.9 |
| 127.5° | 1104.0 | 1143.1 | 1201.9 | 1244.4 | 1268.6 | 1273.2 | 1268.6 | 1244.4 | 1201.9 | 1143.1 | 1104.0 |
| 130°   | 1058.5 | 1095.9 | 1153.5 | 1191.5 | 1214.5 | 1221.4 | 1214.5 | 1191.5 | 1153.5 | 1095.9 | 1058.5 |
| 132.5° | 1009.6 | 1045.3 | 1102.8 | 1140.8 | 1161.6 | 1169.6 | 1161.6 | 1140.8 | 1102.8 | 1045.3 | 1009.6 |
| 135°   | 963.0  | 995.8  | 1046.4 | 1084.4 | 1105.2 | 1112.1 | 1105.2 | 1084.4 | 1046.4 | 995.8  | 963.0  |
| 137.5° | 914.0  | 942.8  | 988.9  | 1024.6 | 1044.1 | 1052.2 | 1044.1 | 1024.6 | 988.9  | 942.8  | 914.0  |
| 140°   | 869.2  | 893.3  | 935.9  | 965.9  | 983.1  | 988.9  | 983.1  | 965.9  | 935.9  | 893.3  | 869.2  |
| 142.5° | 830.6  | 850.7  | 885.3  | 909.4  | 925.6  | 930.2  | 925.6  | 909.4  | 885.3  | 850.7  | 830.6  |
| 145°   | 797.2  | 812.7  | 840.4  | 859.9  | 872.6  | 877.2  | 872.6  | 859.9  | 840.4  | 812.7  | 797.2  |
| 147.5° | 768.4  | 780.5  | 803.5  | 819.7  | 827.7  | 830.0  | 827.7  | 819.7  | 803.5  | 780.5  | 768.4  |
| 150°   | 744.8  | 755.2  | 772.5  | 786.3  | 790.9  | 792.0  | 790.9  | 786.3  | 772.5  | 755.2  | 744.8  |
| 152.5° | 724.7  | 732.2  | 746.0  | 756.3  | 760.9  | 762.1  | 760.9  | 756.3  | 746.0  | 732.2  | 724.7  |
| 155°   | 705.1  | 711.4  | 723.0  | 731.0  | 734.5  | 735.6  | 734.5  | 731.0  | 723.0  | 711.4  | 705.1  |
| 157.5° | 686.7  | 691.9  | 701.1  | 708.0  | 711.4  | 711.4  | 711.4  | 708.0  | 701.1  | 691.9  | 686.7  |
| 160°   | 668.2  | 672.3  | 680.4  | 686.1  | 688.4  | 687.3  | 688.4  | 686.1  | 680.4  | 672.3  | 668.2  |
| 162.5° | 651.6  | 655.0  | 660.8  | 665.4  | 665.4  | 665.4  | 665.4  | 665.4  | 660.8  | 655.0  | 651.6  |
| 165°   | 634.9  | 637.8  | 642.4  | 644.7  | 644.7  | 644.7  | 644.7  | 644.7  | 642.4  | 637.8  | 634.9  |
| 167.5° | 619.3  | 621.6  | 623.9  | 626.3  | 625.1  | 625.1  | 625.1  | 626.3  | 623.9  | 621.6  | 619.3  |
| 170°   | 604.4  | 605.5  | 607.8  | 609.0  | 609.0  | 607.8  | 609.0  | 609.0  | 607.8  | 605.5  | 604.4  |
| 172.5° | 592.3  | 592.9  | 592.9  | 595.2  | 592.9  | 591.7  | 592.9  | 595.2  | 592.9  | 592.9  | 592.3  |
| 175°   | 581.4  | 581.4  | 581.4  | 582.5  | 580.2  | 579.1  | 580.2  | 582.5  | 581.4  | 581.4  | 581.4  |
| 177.5° | 574.4  | 574.4  | 573.3  | 574.4  | 571.0  | 571.0  | 571.0  | 574.4  | 573.3  | 574.4  | 574.4  |
| 180°   | 571.0  | 571.0  | 571.0  | 571.0  | 571.0  | 571.0  | 571.0  | 571.0  | 571.0  | 571.0  | 571.0  |

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CATALOG NUMBER: S125RDIP-B1090D1270UB27-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 337.5° | 340°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1620.4 | 1620.4 | 1620.4 | 1620.4 | 1620.4 | 1620.4 | 1620.4 | 1620.4 | 1620.4 | 1620.4 | 1620.4 |
| 2.5°   | 1532.6 | 1539.2 | 1533.9 | 1529.9 | 1540.5 | 1545.9 | 1545.9 | 1555.2 | 1564.5 | 1572.5 | 1573.8 |
| 5°     | 1438.1 | 1448.7 | 1451.4 | 1450.1 | 1466.0 | 1474.0 | 1491.3 | 1500.6 | 1513.9 | 1523.2 | 1533.9 |
| 7.5°   | 1351.6 | 1366.3 | 1367.6 | 1370.2 | 1394.2 | 1407.5 | 1422.1 | 1446.1 | 1464.7 | 1478.0 | 1490.0 |
| 10°    | 1265.2 | 1274.5 | 1283.8 | 1295.7 | 1319.7 | 1342.3 | 1363.6 | 1388.9 | 1412.8 | 1426.1 | 1443.4 |
| 12.5°  | 1200.0 | 1206.6 | 1217.3 | 1225.2 | 1250.5 | 1270.5 | 1298.4 | 1333.0 | 1367.6 | 1378.2 | 1399.5 |
| 15°    | 1132.1 | 1136.1 | 1157.4 | 1165.4 | 1186.7 | 1219.9 | 1237.2 | 1270.5 | 1307.7 | 1327.7 | 1351.6 |
| 17.5°  | 1053.6 | 1077.6 | 1090.9 | 1100.2 | 1126.8 | 1153.4 | 1181.3 | 1215.9 | 1263.8 | 1282.4 | 1299.7 |
| 20°    | 997.8  | 1015.0 | 1029.7 | 1041.7 | 1065.6 | 1105.5 | 1130.8 | 1158.7 | 1204.0 | 1225.2 | 1250.5 |
| 22.5°  | 948.5  | 963.2  | 976.5  | 989.8  | 1005.7 | 1041.7 | 1070.9 | 1109.5 | 1154.7 | 1174.7 | 1204.0 |
| 25°    | 902.0  | 916.6  | 924.6  | 940.5  | 961.8  | 987.1  | 1021.7 | 1056.3 | 1101.5 | 1124.1 | 1152.1 |
| 27.5°  | 856.7  | 871.4  | 886.0  | 899.3  | 913.9  | 937.9  | 961.8  | 1005.7 | 1052.3 | 1078.9 | 1102.9 |
| 30°    | 818.2  | 824.8  | 838.1  | 852.7  | 867.4  | 890.0  | 917.9  | 948.5  | 1001.7 | 1025.7 | 1055.0 |
| 32.5°  | 775.6  | 787.6  | 796.9  | 807.5  | 826.1  | 844.8  | 870.0  | 908.6  | 951.2  | 973.8  | 1005.7 |
| 35°    | 735.7  | 746.3  | 753.0  | 771.6  | 783.6  | 803.5  | 828.8  | 863.4  | 899.3  | 924.6  | 952.5  |
| 37.5°  | 697.1  | 707.7  | 715.7  | 726.4  | 742.3  | 759.6  | 786.2  | 811.5  | 854.1  | 875.4  | 907.3  |
| 40°    | 657.2  | 666.5  | 675.8  | 687.8  | 702.4  | 723.7  | 739.7  | 771.6  | 806.2  | 830.1  | 854.1  |
| 42.5°  | 618.6  | 623.9  | 634.6  | 647.9  | 662.5  | 681.1  | 703.7  | 729.0  | 763.6  | 784.9  | 806.2  |
| 45°    | 577.4  | 586.7  | 598.7  | 608.0  | 621.3  | 639.9  | 659.8  | 682.5  | 717.1  | 738.3  | 761.0  |
| 47.5°  | 538.8  | 545.4  | 553.4  | 568.1  | 585.3  | 598.7  | 619.9  | 641.2  | 673.2  | 693.1  | 714.4  |
| 50°    | 498.9  | 505.5  | 517.5  | 526.8  | 540.1  | 557.4  | 577.4  | 600.0  | 630.6  | 643.9  | 665.2  |
| 52.5°  | 461.6  | 464.3  | 476.3  | 485.6  | 498.9  | 518.8  | 534.8  | 554.8  | 584.0  | 598.7  | 619.9  |
| 55°    | 424.4  | 427.0  | 433.7  | 443.0  | 457.6  | 473.6  | 490.9  | 513.5  | 538.8  | 552.1  | 572.0  |
| 57.5°  | 385.8  | 388.5  | 395.1  | 401.8  | 416.4  | 431.0  | 451.0  | 469.6  | 494.9  | 506.9  | 525.5  |
| 60°    | 347.2  | 347.2  | 353.9  | 363.2  | 373.8  | 387.1  | 404.4  | 427.0  | 445.7  | 460.3  | 473.6  |
| 62.5°  | 306.0  | 310.0  | 314.0  | 320.6  | 332.6  | 348.5  | 363.2  | 379.1  | 401.8  | 412.4  | 424.4  |
| 65°    | 264.7  | 268.7  | 276.7  | 283.4  | 292.7  | 303.3  | 321.9  | 335.2  | 352.5  | 364.5  | 375.2  |
| 67.5°  | 228.8  | 232.8  | 238.1  | 246.1  | 252.8  | 264.7  | 278.0  | 291.3  | 310.0  | 318.0  | 325.9  |
| 70°    | 191.6  | 195.6  | 199.6  | 210.2  | 216.8  | 226.2  | 235.5  | 248.8  | 264.7  | 270.1  | 276.7  |
| 72.5°  | 162.3  | 163.6  | 169.0  | 171.6  | 180.9  | 188.9  | 199.6  | 207.5  | 219.5  | 226.2  | 231.5  |
| 75°    | 137.0  | 137.0  | 138.4  | 141.0  | 146.3  | 151.7  | 159.6  | 167.6  | 178.3  | 182.3  | 188.9  |
| 77.5°  | 107.8  | 111.7  | 110.4  | 113.1  | 115.7  | 118.4  | 125.1  | 130.4  | 141.0  | 143.7  | 146.3  |
| 80°    | 77.2   | 78.5   | 82.5   | 86.5   | 86.5   | 90.5   | 94.5   | 95.8   | 102.4  | 106.4  | 106.4  |
| 82.5°  | 55.9   | 57.2   | 55.9   | 57.2   | 58.5   | 59.9   | 63.9   | 69.2   | 69.2   | 70.5   | 73.2   |
| 85°    | 34.6   | 34.6   | 35.9   | 37.2   | 37.2   | 35.9   | 38.6   | 37.2   | 38.6   | 41.2   | 41.2   |
| 87.5°  | 17.3   | 16.0   | 16.0   | 16.0   | 16.0   | 16.0   | 17.3   | 16.0   | 17.3   | 17.3   | 17.3   |
| 90°    | 23.0   | 21.9   | 20.7   | 19.6   | 18.4   | 16.1   | 15.0   | 12.7   | 11.5   | 10.4   | 9.2    |
| 92.5°  | 133.5  | 179.6  | 249.8  | 370.7  | 459.3  | 467.4  | 324.6  | 193.4  | 115.1  | 94.4   | 73.7   |
| 95°    | 511.1  | 652.7  | 827.7  | 998.1  | 1020.0 | 832.3  | 514.6  | 261.3  | 138.1  | 112.2  | 86.3   |
| 97.5°  | 904.8  | 1047.6 | 1186.9 | 1246.7 | 1101.7 | 763.2  | 420.2  | 225.6  | 140.4  | 121.4  | 102.5  |
| 100°   | 1241.0 | 1359.6 | 1416.0 | 1327.3 | 1039.5 | 663.1  | 373.0  | 223.3  | 156.6  | 139.3  | 122.0  |
| 102.5° | 1509.2 | 1550.7 | 1493.1 | 1279.0 | 930.2  | 587.1  | 353.4  | 233.7  | 176.1  | 159.4  | 142.7  |
| 105°   | 1649.7 | 1599.0 | 1441.3 | 1165.0 | 834.6  | 543.4  | 351.1  | 248.7  | 198.0  | 181.9  | 165.8  |
| 107.5° | 1665.8 | 1543.8 | 1335.4 | 1056.8 | 763.2  | 520.3  | 359.2  | 269.4  | 219.9  | 205.5  | 191.1  |
| 110°   | 1596.7 | 1434.4 | 1215.7 | 967.0  | 716.0  | 511.1  | 371.8  | 292.4  | 245.2  | 230.2  | 215.3  |

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**CANDELA DISTRIBUTION (continued):**

|        | 295°   | 300°   | 305°   | 310°  | 315°  | 320°  | 325°  | 330°  | 335°  | 337.5° | 340°  |
|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|--------|-------|
| 112.5° | 1490.8 | 1326.2 | 1121.3 | 900.2 | 688.4 | 511.1 | 388.0 | 314.3 | 269.4 | 255.0  | 240.6 |
| 115°   | 1381.4 | 1223.7 | 1045.3 | 855.3 | 670.0 | 514.6 | 404.1 | 337.3 | 294.7 | 280.3  | 265.9 |
| 117.5° | 1288.2 | 1150.0 | 992.3  | 825.4 | 659.6 | 520.3 | 422.5 | 360.3 | 320.0 | 306.2  | 292.4 |
| 120°   | 1215.7 | 1089.0 | 950.9  | 801.2 | 652.7 | 529.6 | 440.9 | 385.7 | 345.4 | 331.0  | 316.6 |
| 122.5° | 1154.7 | 1045.3 | 919.8  | 780.5 | 647.0 | 537.6 | 461.6 | 409.8 | 369.5 | 355.2  | 340.8 |
| 125°   | 1107.5 | 1007.3 | 889.9  | 762.1 | 642.4 | 546.8 | 480.0 | 430.5 | 392.6 | 377.6  | 362.6 |
| 127.5° | 1064.9 | 970.5  | 858.8  | 744.8 | 640.1 | 557.2 | 497.3 | 451.3 | 414.4 | 399.4  | 384.5 |
| 130°   | 1021.1 | 931.3  | 830.0  | 727.6 | 637.8 | 566.4 | 514.6 | 470.8 | 435.2 | 420.2  | 405.2 |
| 132.5° | 973.9  | 894.5  | 801.2  | 713.7 | 637.8 | 576.8 | 529.6 | 489.3 | 453.6 | 438.6  | 423.6 |
| 135°   | 930.2  | 856.5  | 777.1  | 703.4 | 637.8 | 586.0 | 543.4 | 505.4 | 469.7 | 454.2  | 438.6 |
| 137.5° | 885.3  | 822.0  | 755.2  | 693.0 | 638.9 | 595.2 | 553.7 | 516.9 | 484.7 | 468.6  | 452.4 |
| 140°   | 845.0  | 792.0  | 737.9  | 686.1 | 640.1 | 600.9 | 564.1 | 529.6 | 496.2 | 480.6  | 465.1 |
| 142.5° | 810.4  | 766.7  | 723.0  | 680.4 | 641.2 | 604.4 | 569.8 | 537.6 | 506.5 | 492.1  | 477.7 |
| 145°   | 781.7  | 746.0  | 710.3  | 674.6 | 640.1 | 606.7 | 575.6 | 546.8 | 516.9 | 503.6  | 490.4 |
| 147.5° | 756.3  | 727.6  | 697.6  | 668.8 | 637.8 | 607.8 | 579.1 | 552.6 | 526.1 | 514.0  | 501.9 |
| 150°   | 734.5  | 712.6  | 687.3  | 661.9 | 634.3 | 607.8 | 582.5 | 558.3 | 533.0 | 523.2  | 513.4 |
| 152.5° | 717.2  | 697.6  | 675.8  | 653.9 | 629.7 | 606.7 | 584.8 | 564.1 | 541.1 | 532.4  | 523.8 |
| 155°   | 698.8  | 682.7  | 664.2  | 644.7 | 623.9 | 604.4 | 586.0 | 567.5 | 548.0 | 540.0  | 531.9 |
| 157.5° | 681.5  | 668.8  | 652.7  | 636.6 | 618.2 | 602.1 | 587.1 | 571.0 | 553.7 | 547.4  | 541.1 |
| 160°   | 664.2  | 652.7  | 641.2  | 626.3 | 612.4 | 598.6 | 587.1 | 573.3 | 558.3 | 553.2  | 548.0 |
| 162.5° | 648.1  | 638.9  | 628.6  | 617.0 | 605.5 | 595.2 | 586.0 | 575.6 | 562.9 | 558.9  | 554.9 |
| 165°   | 632.0  | 625.1  | 617.0  | 607.8 | 598.6 | 591.7 | 584.8 | 575.6 | 566.4 | 563.0  | 559.5 |
| 167.5° | 617.0  | 611.3  | 605.5  | 598.6 | 591.7 | 586.0 | 582.5 | 575.6 | 567.5 | 565.2  | 562.9 |
| 170°   | 603.2  | 599.8  | 596.3  | 590.6 | 586.0 | 582.5 | 580.2 | 575.6 | 569.8 | 568.1  | 566.4 |
| 172.5° | 591.7  | 589.4  | 586.0  | 582.5 | 579.1 | 577.9 | 577.9 | 574.4 | 569.8 | 569.2  | 568.7 |
| 175°   | 581.4  | 579.1  | 579.1  | 575.6 | 574.4 | 574.4 | 575.6 | 573.3 | 569.8 | 569.8  | 569.8 |
| 177.5° | 574.4  | 574.4  | 573.3  | 572.1 | 571.0 | 571.0 | 573.3 | 572.1 | 569.8 | 569.8  | 569.8 |
| 180°   | 571.0  | 571.0  | 571.0  | 571.0 | 571.0 | 571.0 | 571.0 | 571.0 | 571.0 | 571.0  | 571.0 |

TEST NUMBER: P1028446

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**CANDELA DISTRIBUTION (continued):**

|        | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|
| 0°     | 1620.4 | 1620.4 | 1620.4 | 1620.4 |
| 2.5°   | 1583.1 | 1595.1 | 1607.0 | 1621.7 |
| 5°     | 1551.2 | 1572.5 | 1595.1 | 1616.4 |
| 7.5°   | 1516.6 | 1547.2 | 1576.5 | 1607.0 |
| 10°    | 1478.0 | 1516.6 | 1549.8 | 1592.4 |
| 12.5°  | 1435.4 | 1476.7 | 1523.2 | 1571.1 |
| 15°    | 1392.9 | 1444.7 | 1494.0 | 1548.5 |
| 17.5°  | 1353.0 | 1402.2 | 1456.7 | 1521.9 |
| 20°    | 1305.1 | 1359.6 | 1420.8 | 1490.0 |
| 22.5°  | 1254.5 | 1314.4 | 1380.9 | 1455.4 |
| 25°    | 1211.9 | 1273.1 | 1337.0 | 1415.5 |
| 27.5°  | 1165.4 | 1229.2 | 1291.8 | 1375.6 |
| 30°    | 1112.2 | 1181.3 | 1245.2 | 1331.7 |
| 32.5°  | 1061.6 | 1130.8 | 1201.3 | 1282.4 |
| 35°    | 1012.4 | 1080.2 | 1150.7 | 1233.2 |
| 37.5°  | 965.8  | 1027.0 | 1096.2 | 1170.7 |
| 40°    | 921.9  | 977.8  | 1039.0 | 1106.8 |
| 42.5°  | 866.1  | 931.2  | 988.4  | 1037.7 |
| 45°    | 818.2  | 871.4  | 924.6  | 964.5  |
| 47.5°  | 762.3  | 815.5  | 860.7  | 892.7  |
| 50°    | 715.7  | 758.3  | 795.5  | 823.5  |
| 52.5°  | 659.8  | 699.8  | 730.4  | 751.6  |
| 55°    | 605.3  | 639.9  | 666.5  | 681.1  |
| 57.5°  | 556.1  | 578.7  | 598.7  | 612.0  |
| 60°    | 501.5  | 518.8  | 536.1  | 550.8  |
| 62.5°  | 443.0  | 461.6  | 470.9  | 486.9  |
| 65°    | 391.1  | 403.1  | 417.7  | 423.0  |
| 67.5°  | 340.6  | 347.2  | 356.5  | 367.2  |
| 70°    | 287.4  | 291.3  | 300.7  | 315.3  |
| 72.5°  | 240.8  | 244.8  | 251.4  | 256.8  |
| 75°    | 191.6  | 195.6  | 200.9  | 206.2  |
| 77.5°  | 150.3  | 151.7  | 154.3  | 159.6  |
| 80°    | 109.1  | 113.1  | 115.7  | 117.1  |
| 82.5°  | 75.8   | 77.2   | 77.2   | 78.5   |
| 85°    | 47.9   | 45.2   | 45.2   | 46.6   |
| 87.5°  | 17.3   | 20.0   | 20.0   | 22.6   |
| 90°    | 6.9    | 4.6    | 2.3    | 1.2    |
| 92.5°  | 49.5   | 32.2   | 20.7   | 17.3   |
| 95°    | 61.0   | 48.4   | 39.1   | 38.0   |
| 97.5°  | 79.4   | 66.8   | 59.9   | 58.7   |
| 100°   | 100.2  | 87.5   | 82.9   | 80.6   |
| 102.5° | 123.2  | 109.4  | 105.9  | 104.8  |
| 105°   | 147.4  | 135.8  | 130.1  | 130.1  |
| 107.5° | 171.5  | 162.3  | 156.6  | 154.3  |
| 110°   | 198.0  | 187.6  | 183.0  | 180.7  |

TEST NUMBER: P1028446

CATALOG NUMBER: S125RDIP-B1090D1270UB27-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|
| 112.5° | 223.3 | 213.0 | 209.5 | 207.2 |
| 115°   | 248.7 | 238.3 | 234.8 | 232.5 |
| 117.5° | 272.8 | 262.5 | 259.0 | 255.6 |
| 120°   | 297.0 | 286.6 | 282.0 | 278.6 |
| 122.5° | 318.9 | 308.5 | 305.1 | 302.8 |
| 125°   | 340.8 | 330.4 | 324.6 | 322.3 |
| 127.5° | 361.5 | 348.8 | 341.9 | 338.5 |
| 130°   | 381.0 | 366.1 | 356.9 | 353.4 |
| 132.5° | 398.3 | 381.0 | 369.5 | 364.9 |
| 135°   | 414.4 | 396.0 | 382.2 | 377.6 |
| 137.5° | 428.2 | 409.8 | 397.2 | 393.7 |
| 140°   | 443.2 | 424.8 | 411.0 | 407.5 |
| 142.5° | 457.0 | 438.6 | 425.9 | 423.6 |
| 145°   | 469.7 | 453.6 | 442.1 | 439.8 |
| 147.5° | 483.5 | 468.5 | 458.2 | 457.0 |
| 150°   | 497.3 | 482.4 | 474.3 | 472.0 |
| 152.5° | 508.8 | 496.2 | 489.3 | 488.1 |
| 155°   | 520.3 | 508.8 | 501.9 | 501.9 |
| 157.5° | 530.7 | 520.3 | 514.6 | 514.6 |
| 160°   | 538.8 | 530.7 | 526.1 | 527.2 |
| 162.5° | 548.0 | 541.1 | 536.5 | 537.6 |
| 165°   | 554.9 | 549.1 | 545.7 | 548.0 |
| 167.5° | 559.5 | 556.0 | 553.7 | 554.9 |
| 170°   | 564.1 | 561.8 | 560.6 | 561.8 |
| 172.5° | 567.5 | 565.2 | 564.1 | 566.4 |
| 175°   | 569.8 | 568.7 | 567.5 | 569.8 |
| 177.5° | 571.0 | 569.8 | 569.8 | 572.1 |
| 180°   | 571.0 | 571.0 | 571.0 | 571.0 |

(END OF REPORT)