

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: P1027502

Luminaire Tested: S125DIP-B1090D850UB35-4F0-XX-W2A-A

Issue Date: 5/7/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P1027502  
REPORT IS A COMBINATION OF REPORTS P1001492 AND P1007351  
Test Lab: INNOVATION CENTER  
Issue Date: 5/7/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: S125DIP-B1090D850UB35-4F0-XX-W2A-A  
Description: Define 5 Direct/Indirect Pendant with 3500K BioUP LEDs {m-DER=0.721} {m-EER=0.792}  
Light Source: -  
Ballast/Driver: -

**Summary**

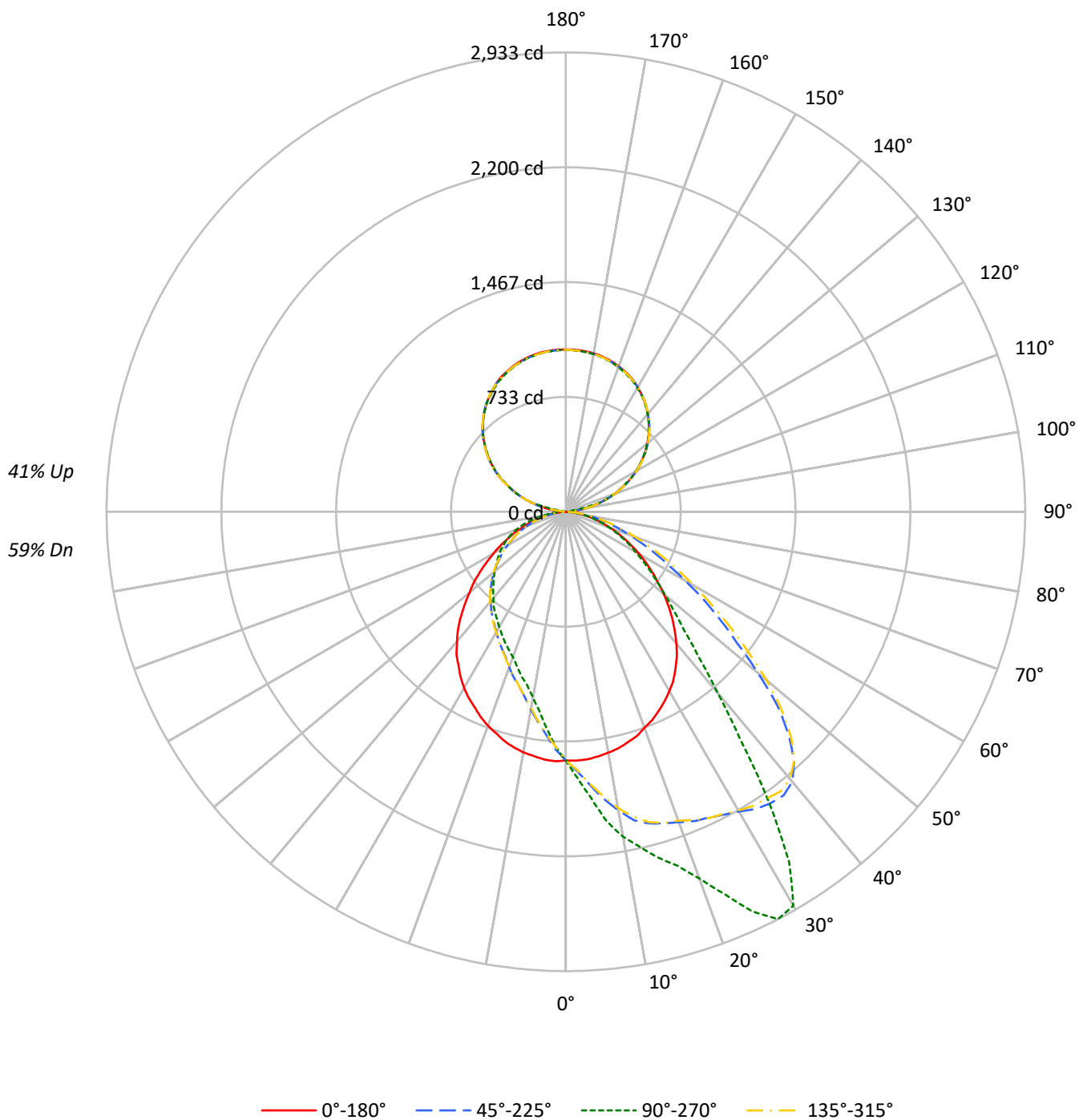
Lumens per Lamp: N/A  
Luminaire Lumens: 7660.0 lumens  
Efficiency: N/A  
Efficacy: 112.8 lumens/watt  
Spacing Criteria (0/90/45): 1.23 / 1.43 / 1.52  
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')  
CIE Type: General Diffuse

Input Watts (W): 67.9  
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: P1027502

CATALOG NUMBER: S125DIP-B1090D850UB35-4F0-XX-W2A-A

### Luminous Intensity Polar Plot



TEST NUMBER: P1027502

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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   | 109 | 109 | 109 | 109 | 102 | 102 | 102 | 102 | 88 | 88 | 88 | 75 | 75 | 75 | 64 | 64 | 64 |
| 1   | 100 | 96  | 92  | 88  | 93  | 89  | 86  | 83  | 78 | 75 | 73 | 67 | 65 | 63 | 57 | 56 | 55 |
| 2   | 91  | 84  | 78  | 73  | 85  | 78  | 73  | 69  | 68 | 64 | 61 | 59 | 56 | 53 | 50 | 48 | 46 |
| 3   | 83  | 74  | 67  | 61  | 78  | 69  | 63  | 58  | 61 | 56 | 51 | 52 | 49 | 45 | 45 | 42 | 40 |
| 4   | 76  | 66  | 58  | 52  | 71  | 62  | 54  | 49  | 54 | 48 | 44 | 47 | 43 | 39 | 40 | 37 | 34 |
| 5   | 70  | 59  | 50  | 44  | 65  | 55  | 48  | 42  | 48 | 43 | 38 | 42 | 38 | 34 | 36 | 33 | 30 |
| 6   | 65  | 53  | 44  | 39  | 60  | 49  | 42  | 37  | 44 | 38 | 33 | 38 | 33 | 30 | 33 | 29 | 26 |
| 7   | 60  | 48  | 40  | 34  | 56  | 45  | 38  | 32  | 40 | 34 | 29 | 35 | 30 | 26 | 30 | 26 | 24 |
| 8   | 56  | 43  | 35  | 30  | 52  | 41  | 34  | 29  | 36 | 30 | 26 | 32 | 27 | 24 | 28 | 24 | 21 |
| 9   | 52  | 39  | 32  | 27  | 48  | 37  | 30  | 26  | 33 | 27 | 23 | 29 | 25 | 21 | 26 | 22 | 19 |
| 10  | 48  | 36  | 29  | 24  | 45  | 34  | 28  | 23  | 31 | 25 | 21 | 27 | 22 | 19 | 24 | 20 | 17 |

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

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 10172 | 10172 | 10172 | 10172 |
| 5°  | 10180 | 11539 | 10188 | 8754  |
| 10° | 10118 | 13153 | 10100 | 7514  |
| 15° | 10044 | 14261 | 9981  | 6790  |
| 20° | 9917  | 15627 | 9826  | 6199  |
| 25° | 9804  | 17905 | 9625  | 5848  |
| 30° | 9642  | 18890 | 9475  | 5531  |
| 35° | 9386  | 15143 | 9189  | 5277  |
| 40° | 8987  | 10466 | 8855  | 5007  |
| 45° | 8483  | 7792  | 8387  | 4783  |
| 50° | 7905  | 6414  | 7774  | 4604  |
| 55° | 7282  | 5471  | 7224  | 4449  |
| 60° | 6671  | 4683  | 6555  | 4329  |
| 65° | 6012  | 4045  | 5915  | 4152  |
| 70° | 5315  | 3358  | 5245  | 3846  |
| 75° | 4578  | 2597  | 4517  | 3339  |
| 80° | 3616  | 1757  | 3484  | 2454  |
| 85° | 2310  | 879   | 2236  | 1250  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 135°

Vertical Angle: 45°

Luminance: 15537 cd/sqm

TEST NUMBER: P1027502

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 152.8  | 2.0       |
| 10°-20°   | 455.1  | 5.9       |
| 20°-30°   | 739.3  | 9.7       |
| 30°-40°   | 903.5  | 11.8      |
| 40°-50°   | 819.6  | 10.7      |
| 50°-60°   | 652.8  | 8.5       |
| 60°-70°   | 454.6  | 5.9       |
| 70°-80°   | 242.2  | 3.2       |
| 80°-90°   | 61.6   | 0.8       |
| 90°-100°  | 35.1   | 0.5       |
| 100°-110° | 233.5  | 3.0       |
| 110°-120° | 420.5  | 5.5       |
| 120°-130° | 539.8  | 7.0       |
| 130°-140° | 580.6  | 7.6       |
| 140°-150° | 544.9  | 7.1       |
| 150°-160° | 440.7  | 5.8       |
| 160°-170° | 285.0  | 3.7       |
| 170°-180° | 98.3   | 1.3       |
| 0°-30°    | 1347.2 | 17.6      |
| 0°-40°    | 2250.7 | 29.4      |
| 0°-60°    | 3723.1 | 48.6      |
| 0°-90°    | 4481.5 | 58.5      |
| 90°-120°  | 689.2  | 9.0       |
| 90°-150°  | 2354.4 | 30.7      |
| 90°-180°  | 3178.0 | 41.5      |
| 0°-180°   | 7660.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 1588 | 1588 | 1588 | 1588 | 1588 |      |
| 5°   | 1586 | 1832 | 1588 | 1390 | 1586 | 151  |
| 15°  | 1524 | 2287 | 1515 | 1089 | 1524 | 430  |
| 25°  | 1403 | 2814 | 1377 | 919  | 1403 | 646  |
| 35°  | 1221 | 2259 | 1195 | 787  | 1221 | 762  |
| 45°  | 960  | 1065 | 949  | 654  | 960  | 739  |
| 55°  | 675  | 656  | 670  | 534  | 675  | 604  |
| 65°  | 418  | 403  | 411  | 414  | 418  | 415  |
| 75°  | 202  | 198  | 200  | 255  | 202  | 215  |
| 85°  | 40   | 44   | 39   | 63   | 40   | 48   |
| 90°  | 1    | 18   | 1    | 18   | 1    | 5    |
| 95°  | 44   | 16   | 44   | 16   | 44   | 54   |
| 105° | 226  | 228  | 226  | 228  | 226  | 239  |
| 115° | 423  | 420  | 423  | 420  | 423  | 420  |
| 125° | 602  | 602  | 602  | 602  | 602  | 538  |
| 135° | 751  | 748  | 751  | 748  | 751  | 579  |
| 145° | 871  | 868  | 871  | 868  | 871  | 544  |
| 155° | 959  | 952  | 959  | 952  | 959  | 442  |
| 165° | 1012 | 1006 | 1012 | 1006 | 1012 | 286  |
| 175° | 1035 | 1030 | 1035 | 1030 | 1035 | 99   |
| 180° | 1035 | 1035 | 1035 | 1035 | 1035 |      |

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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1587.6 | 1587.6 | 1587.6 | 1587.6 | 1587.6 | 1587.6 | 1587.6 | 1587.6 | 1587.6 | 1587.6 | 1587.6 |
| 2.5°   | 1590.3 | 1599.7 | 1610.5 | 1618.6 | 1632.1 | 1636.1 | 1642.9 | 1646.9 | 1651.0 | 1655.0 | 1657.7 |
| 5°     | 1586.3 | 1609.2 | 1629.4 | 1644.2 | 1669.8 | 1679.3 | 1691.4 | 1706.2 | 1723.7 | 1738.6 | 1748.0 |
| 7.5°   | 1575.5 | 1611.9 | 1638.8 | 1668.5 | 1703.5 | 1726.4 | 1738.6 | 1769.5 | 1797.9 | 1819.4 | 1847.7 |
| 10°    | 1562.0 | 1605.1 | 1646.9 | 1691.4 | 1741.2 | 1766.9 | 1791.1 | 1834.2 | 1873.3 | 1908.4 | 1936.7 |
| 12.5°  | 1547.2 | 1599.7 | 1649.6 | 1707.6 | 1774.9 | 1805.9 | 1822.1 | 1896.2 | 1944.8 | 1963.6 | 2018.9 |
| 15°    | 1524.3 | 1586.3 | 1657.7 | 1729.1 | 1785.7 | 1822.1 | 1866.6 | 1925.9 | 1974.4 | 2016.2 | 2060.7 |
| 17.5°  | 1502.7 | 1570.1 | 1642.9 | 1722.4 | 1804.6 | 1851.8 | 1885.5 | 1938.0 | 1990.6 | 2044.5 | 2086.3 |
| 20°    | 1467.7 | 1555.3 | 1629.4 | 1714.3 | 1811.3 | 1845.0 | 1880.1 | 1942.1 | 1998.7 | 2056.6 | 2109.2 |
| 22.5°  | 1439.4 | 1522.9 | 1624.0 | 1704.9 | 1787.1 | 1820.8 | 1863.9 | 1928.6 | 1996.0 | 2062.0 | 2138.8 |
| 25°    | 1403.0 | 1496.0 | 1583.6 | 1669.8 | 1754.7 | 1791.1 | 1830.2 | 1913.8 | 1983.8 | 2068.7 | 2153.6 |
| 27.5°  | 1363.9 | 1459.6 | 1547.2 | 1625.3 | 1704.9 | 1754.7 | 1796.5 | 1884.1 | 1977.1 | 2070.1 | 2180.6 |
| 30°    | 1322.1 | 1412.4 | 1496.0 | 1572.8 | 1660.4 | 1711.6 | 1753.4 | 1855.8 | 1959.6 | 2078.2 | 2210.3 |
| 32.5°  | 1277.6 | 1362.5 | 1434.0 | 1512.1 | 1605.1 | 1652.3 | 1708.9 | 1820.8 | 1943.4 | 2084.9 | 2250.7 |
| 35°    | 1221.0 | 1301.9 | 1365.2 | 1444.8 | 1537.7 | 1598.4 | 1657.7 | 1783.0 | 1925.9 | 2083.6 | 2273.6 |
| 37.5°  | 1164.4 | 1227.8 | 1288.4 | 1373.3 | 1481.1 | 1536.4 | 1598.4 | 1735.9 | 1898.9 | 2079.5 | 2283.0 |
| 40°    | 1097.0 | 1159.0 | 1211.6 | 1297.8 | 1411.1 | 1474.4 | 1539.1 | 1683.3 | 1867.9 | 2064.7 | 2249.3 |
| 42.5°  | 1029.7 | 1082.2 | 1140.2 | 1230.5 | 1339.6 | 1407.0 | 1475.7 | 1636.1 | 1827.5 | 2021.6 | 2156.3 |
| 45°    | 959.6  | 1000.0 | 1063.3 | 1145.6 | 1261.5 | 1326.2 | 1404.3 | 1578.2 | 1770.9 | 1943.4 | 2010.8 |
| 47.5°  | 886.8  | 927.2  | 986.5  | 1066.0 | 1180.6 | 1257.4 | 1331.5 | 1505.4 | 1699.5 | 1832.9 | 1832.9 |
| 50°    | 816.7  | 849.1  | 907.0  | 986.5  | 1102.4 | 1172.5 | 1248.0 | 1432.6 | 1589.0 | 1687.3 | 1599.7 |
| 52.5°  | 741.2  | 777.6  | 826.1  | 909.7  | 1024.3 | 1087.6 | 1169.8 | 1327.5 | 1475.7 | 1516.2 | 1381.4 |
| 55°    | 675.2  | 704.9  | 750.7  | 830.2  | 936.7  | 1002.7 | 1072.8 | 1223.7 | 1349.1 | 1346.4 | 1202.2 |
| 57.5°  | 606.5  | 630.7  | 679.2  | 752.0  | 850.4  | 909.7  | 979.8  | 1110.5 | 1212.9 | 1176.6 | 1040.4 |
| 60°    | 543.1  | 560.6  | 607.8  | 667.1  | 761.5  | 816.7  | 884.1  | 990.6  | 1068.7 | 1017.5 | 880.1  |
| 62.5°  | 477.1  | 497.3  | 535.0  | 593.0  | 676.6  | 721.0  | 770.9  | 878.7  | 928.6  | 882.8  | 742.6  |
| 65°    | 417.8  | 434.0  | 467.7  | 516.2  | 591.6  | 632.1  | 675.2  | 764.2  | 811.3  | 745.3  | 629.4  |
| 67.5°  | 358.5  | 377.4  | 401.6  | 444.7  | 504.0  | 541.8  | 579.5  | 656.3  | 677.9  | 618.6  | 521.6  |
| 70°    | 303.2  | 319.4  | 342.3  | 373.3  | 423.2  | 456.9  | 485.2  | 548.5  | 563.3  | 508.1  | 431.3  |
| 72.5°  | 249.3  | 260.1  | 279.0  | 304.6  | 350.4  | 369.3  | 398.9  | 442.1  | 460.9  | 411.1  | 355.8  |
| 75°    | 202.2  | 210.2  | 222.4  | 241.2  | 272.2  | 292.5  | 316.7  | 357.1  | 355.8  | 320.8  | 281.7  |
| 77.5°  | 156.3  | 157.7  | 171.2  | 188.7  | 207.5  | 225.1  | 237.2  | 265.5  | 268.2  | 246.6  | 214.3  |
| 80°    | 111.9  | 115.9  | 121.3  | 134.8  | 150.9  | 157.7  | 172.5  | 190.0  | 192.7  | 176.6  | 155.0  |
| 82.5°  | 71.4   | 74.1   | 78.2   | 86.3   | 97.0   | 105.1  | 113.2  | 119.9  | 126.7  | 117.3  | 99.7   |
| 85°    | 40.4   | 41.8   | 45.8   | 48.5   | 53.9   | 58.0   | 64.7   | 71.4   | 70.1   | 63.3   | 58.0   |
| 87.5°  | 20.2   | 20.2   | 20.2   | 22.9   | 25.6   | 25.6   | 28.3   | 29.6   | 31.0   | 28.3   | 25.6   |
| 90°    | 0.8    | 2.2    | 3.5    | 4.9    | 6.2    | 6.9    | 7.5    | 8.7    | 9.9    | 11.1   | 12.3   |
| 92.5°  | 14.6   | 13.1   | 11.5   | 10.0   | 8.5    | 7.7    | 8.2    | 9.2    | 10.3   | 11.3   | 12.3   |
| 95°    | 43.7   | 43.2   | 42.7   | 42.2   | 41.7   | 41.4   | 38.2   | 31.7   | 25.2   | 18.8   | 12.3   |
| 97.5°  | 82.1   | 83.1   | 84.1   | 85.2   | 86.2   | 86.7   | 78.6   | 62.4   | 46.2   | 30.0   | 13.8   |
| 100°   | 128.1  | 128.6  | 129.1  | 129.6  | 130.1  | 130.4  | 130.7  | 131.4  | 132.1  | 132.8  | 133.5  |
| 102.5° | 174.9  | 175.6  | 176.3  | 177.0  | 177.7  | 178.0  | 178.2  | 178.5  | 178.8  | 179.2  | 179.5  |
| 105°   | 225.5  | 226.2  | 226.9  | 227.6  | 228.3  | 228.6  | 228.6  | 228.6  | 228.6  | 228.6  | 228.6  |
| 107.5° | 277.7  | 277.7  | 277.7  | 277.7  | 277.7  | 277.7  | 277.9  | 278.2  | 278.5  | 278.9  | 279.2  |
| 110°   | 328.3  | 328.3  | 328.3  | 328.3  | 328.3  | 328.3  | 328.5  | 328.8  | 329.1  | 329.5  | 329.8  |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 375.8  | 376.3  | 376.8  | 377.3  | 377.8  | 378.1  | 378.2  | 378.4  | 378.5  | 378.7  | 378.9  |
| 115°   | 423.4  | 424.2  | 425.1  | 425.9  | 426.8  | 427.2  | 427.3  | 427.5  | 427.6  | 427.8  | 428.0  |
| 117.5° | 473.3  | 473.3  | 473.3  | 473.3  | 473.3  | 473.3  | 473.6  | 474.3  | 475.0  | 475.6  | 476.3  |
| 120°   | 519.3  | 519.1  | 518.9  | 518.8  | 518.6  | 518.5  | 518.8  | 519.3  | 519.8  | 520.3  | 520.8  |
| 122.5° | 559.9  | 560.8  | 561.6  | 562.5  | 563.4  | 563.8  | 563.9  | 564.0  | 564.2  | 564.3  | 564.5  |
| 125°   | 602.1  | 603.3  | 604.5  | 605.7  | 606.9  | 607.5  | 607.5  | 607.5  | 607.5  | 607.5  | 607.5  |
| 127.5° | 642.8  | 643.6  | 644.5  | 645.3  | 646.2  | 646.6  | 646.5  | 646.3  | 646.2  | 646.0  | 645.8  |
| 130°   | 679.6  | 680.4  | 681.3  | 682.1  | 683.0  | 683.4  | 683.5  | 683.7  | 683.8  | 684.0  | 684.2  |
| 132.5° | 716.4  | 717.4  | 718.4  | 719.5  | 720.5  | 721.0  | 720.7  | 720.2  | 719.7  | 719.2  | 718.7  |
| 135°   | 750.9  | 751.9  | 752.9  | 754.0  | 755.0  | 755.5  | 755.3  | 755.0  | 754.7  | 754.3  | 754.0  |
| 137.5° | 783.1  | 784.1  | 785.1  | 786.2  | 787.2  | 787.7  | 787.5  | 787.2  | 786.9  | 786.5  | 786.2  |
| 140°   | 814.6  | 814.9  | 815.3  | 815.6  | 815.9  | 816.1  | 816.0  | 815.9  | 815.7  | 815.6  | 815.4  |
| 142.5° | 843.0  | 843.2  | 843.3  | 843.5  | 843.6  | 843.7  | 843.9  | 844.2  | 844.6  | 844.9  | 845.3  |
| 145°   | 870.6  | 870.9  | 871.3  | 871.6  | 871.9  | 872.1  | 872.1  | 872.1  | 872.1  | 872.1  | 872.1  |
| 147.5° | 895.1  | 895.1  | 895.1  | 895.1  | 895.1  | 895.1  | 895.2  | 895.4  | 895.5  | 895.7  | 895.9  |
| 150°   | 918.1  | 917.8  | 917.4  | 917.1  | 916.8  | 916.6  | 916.8  | 917.1  | 917.4  | 917.8  | 918.1  |
| 152.5° | 940.4  | 939.5  | 938.7  | 937.8  | 936.9  | 936.5  | 936.7  | 937.0  | 937.4  | 937.7  | 938.1  |
| 155°   | 958.8  | 957.8  | 956.8  | 955.7  | 954.7  | 954.2  | 954.4  | 954.7  | 955.0  | 955.4  | 955.7  |
| 157.5° | 973.4  | 972.9  | 972.4  | 971.9  | 971.4  | 971.1  | 971.1  | 971.1  | 971.1  | 971.1  | 971.1  |
| 160°   | 988.7  | 987.7  | 986.7  | 985.6  | 984.6  | 984.1  | 984.2  | 984.4  | 984.5  | 984.7  | 984.9  |
| 162.5° | 1001.0 | 1000.0 | 999.0  | 997.9  | 996.9  | 996.4  | 996.5  | 996.6  | 996.8  | 996.9  | 997.1  |
| 165°   | 1011.7 | 1010.7 | 1009.7 | 1008.6 | 1007.6 | 1007.1 | 1007.2 | 1007.4 | 1007.5 | 1007.7 | 1007.9 |
| 167.5° | 1020.2 | 1019.2 | 1018.2 | 1017.1 | 1016.1 | 1015.6 | 1015.7 | 1015.8 | 1016.0 | 1016.1 | 1016.3 |
| 170°   | 1027.1 | 1025.9 | 1024.7 | 1023.5 | 1022.3 | 1021.7 | 1021.8 | 1022.0 | 1022.1 | 1022.3 | 1022.5 |
| 172.5° | 1031.7 | 1030.5 | 1029.3 | 1028.1 | 1026.9 | 1026.3 | 1026.5 | 1026.8 | 1027.1 | 1027.5 | 1027.8 |
| 175°   | 1034.7 | 1033.7 | 1032.7 | 1031.6 | 1030.6 | 1030.1 | 1030.2 | 1030.4 | 1030.5 | 1030.7 | 1030.9 |
| 177.5° | 1037.0 | 1036.0 | 1035.0 | 1033.9 | 1032.9 | 1032.4 | 1032.5 | 1032.7 | 1032.8 | 1033.0 | 1033.2 |
| 180°   | 1034.7 | 1034.7 | 1034.7 | 1034.7 | 1034.7 | 1034.7 | 1034.7 | 1034.7 | 1034.7 | 1034.7 | 1034.7 |

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CATALOG NUMBER: S125DIP-B1090D850UB35-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1587.6 | 1587.6 | 1587.6 | 1587.6 | 1587.6 | 1587.6 | 1587.6 | 1587.6 | 1587.6 | 1587.6 | 1587.6 |
| 2.5°   | 1660.4 | 1669.8 | 1677.9 | 1684.6 | 1690.0 | 1698.1 | 1692.7 | 1694.1 | 1696.8 | 1702.2 | 1702.2 |
| 5°     | 1768.2 | 1783.0 | 1791.1 | 1818.1 | 1824.8 | 1823.5 | 1819.4 | 1841.0 | 1839.6 | 1831.5 | 1830.2 |
| 7.5°   | 1873.3 | 1898.9 | 1921.8 | 1943.4 | 1950.1 | 1967.7 | 1971.7 | 1981.1 | 1978.4 | 1991.9 | 1985.2 |
| 10°    | 1969.0 | 2009.4 | 2031.0 | 2063.4 | 2071.4 | 2079.5 | 2090.3 | 2095.7 | 2107.8 | 2106.5 | 2106.5 |
| 12.5°  | 2043.1 | 2091.7 | 2120.0 | 2128.0 | 2159.0 | 2168.5 | 2177.9 | 2195.4 | 2191.4 | 2192.7 | 2200.8 |
| 15°    | 2101.1 | 2148.3 | 2172.5 | 2210.3 | 2231.8 | 2242.6 | 2258.8 | 2277.6 | 2274.9 | 2287.1 | 2284.4 |
| 17.5°  | 2144.2 | 2188.7 | 2233.2 | 2289.8 | 2291.1 | 2319.4 | 2357.2 | 2365.2 | 2382.8 | 2370.6 | 2370.6 |
| 20°    | 2179.3 | 2238.6 | 2301.9 | 2374.7 | 2382.8 | 2400.3 | 2446.1 | 2477.1 | 2497.3 | 2490.6 | 2494.6 |
| 22.5°  | 2217.0 | 2301.9 | 2376.0 | 2448.8 | 2487.9 | 2518.9 | 2563.4 | 2611.9 | 2629.4 | 2640.2 | 2637.5 |
| 25°    | 2265.5 | 2354.5 | 2463.6 | 2564.7 | 2605.1 | 2664.4 | 2723.7 | 2770.9 | 2784.4 | 2814.0 | 2787.1 |
| 27.5°  | 2315.4 | 2440.7 | 2576.8 | 2695.4 | 2746.6 | 2795.2 | 2866.6 | 2901.6 | 2919.2 | 2932.6 | 2923.2 |
| 30°    | 2357.2 | 2529.7 | 2677.9 | 2787.1 | 2823.5 | 2851.8 | 2892.2 | 2900.3 | 2893.5 | 2904.3 | 2917.8 |
| 32.5°  | 2421.8 | 2590.3 | 2715.6 | 2768.2 | 2764.2 | 2762.8 | 2731.8 | 2688.7 | 2679.3 | 2653.7 | 2688.7 |
| 35°    | 2456.9 | 2591.7 | 2640.2 | 2570.1 | 2541.8 | 2490.6 | 2392.2 | 2327.5 | 2270.9 | 2258.8 | 2261.5 |
| 37.5°  | 2436.7 | 2489.2 | 2431.3 | 2246.6 | 2200.8 | 2122.7 | 1991.9 | 1900.3 | 1858.5 | 1826.2 | 1867.9 |
| 40°    | 2327.5 | 2269.6 | 2110.5 | 1885.5 | 1819.4 | 1745.3 | 1622.6 | 1572.8 | 1513.5 | 1501.4 | 1556.6 |
| 42.5°  | 2146.9 | 1970.4 | 1745.3 | 1571.4 | 1502.7 | 1460.9 | 1358.5 | 1311.3 | 1269.5 | 1250.7 | 1281.7 |
| 45°    | 1901.6 | 1687.3 | 1460.9 | 1318.1 | 1260.1 | 1210.2 | 1149.6 | 1099.7 | 1072.8 | 1064.7 | 1090.3 |
| 47.5°  | 1648.3 | 1421.8 | 1241.2 | 1134.8 | 1074.1 | 1036.4 | 979.8  | 951.5  | 929.9  | 932.6  | 936.7  |
| 50°    | 1405.7 | 1199.5 | 1060.7 | 954.2  | 924.5  | 894.9  | 857.1  | 832.9  | 822.1  | 826.1  | 823.5  |
| 52.5°  | 1196.8 | 1029.7 | 912.4  | 830.2  | 816.7  | 788.4  | 757.4  | 737.2  | 733.2  | 734.5  | 738.5  |
| 55°    | 1013.5 | 882.8  | 789.8  | 730.5  | 715.6  | 695.4  | 676.6  | 663.1  | 652.3  | 656.3  | 655.0  |
| 57.5°  | 874.7  | 760.1  | 688.7  | 640.2  | 629.4  | 617.3  | 599.7  | 593.0  | 589.0  | 580.9  | 587.6  |
| 60°    | 752.0  | 659.0  | 597.0  | 567.4  | 558.0  | 549.9  | 531.0  | 522.9  | 520.2  | 516.2  | 527.0  |
| 62.5°  | 636.1  | 570.1  | 522.9  | 496.0  | 486.5  | 478.4  | 469.0  | 462.3  | 463.6  | 458.2  | 463.6  |
| 65°    | 544.5  | 490.6  | 456.9  | 432.6  | 420.5  | 415.1  | 413.7  | 403.0  | 401.6  | 403.0  | 404.3  |
| 67.5°  | 459.6  | 413.7  | 388.1  | 373.3  | 363.9  | 358.5  | 354.4  | 347.7  | 353.1  | 349.1  | 351.8  |
| 70°    | 382.8  | 351.8  | 324.8  | 310.0  | 305.9  | 307.3  | 300.5  | 297.8  | 299.2  | 296.5  | 299.2  |
| 72.5°  | 308.6  | 283.0  | 272.2  | 261.5  | 256.1  | 254.7  | 250.7  | 246.6  | 250.7  | 249.3  | 249.3  |
| 75°    | 246.6  | 227.8  | 215.6  | 208.9  | 208.9  | 206.2  | 199.5  | 199.5  | 199.5  | 198.1  | 199.5  |
| 77.5°  | 190.0  | 173.9  | 168.5  | 161.7  | 161.7  | 157.7  | 156.3  | 156.3  | 153.6  | 157.7  | 155.0  |
| 80°    | 141.5  | 129.4  | 121.3  | 117.3  | 117.3  | 115.9  | 113.2  | 111.9  | 113.2  | 111.9  | 111.9  |
| 82.5°  | 91.6   | 86.3   | 82.2   | 78.2   | 76.8   | 78.2   | 76.8   | 74.1   | 75.5   | 74.1   | 76.8   |
| 85°    | 52.6   | 47.2   | 47.2   | 44.5   | 45.8   | 43.1   | 44.5   | 41.8   | 40.4   | 44.5   | 41.8   |
| 87.5°  | 22.9   | 21.6   | 21.6   | 18.9   | 18.9   | 18.9   | 17.5   | 18.9   | 17.5   | 16.2   | 17.5   |
| 90°    | 13.1   | 14.0   | 14.8   | 15.7   | 16.1   | 16.4   | 16.9   | 17.4   | 17.9   | 18.4   | 17.9   |
| 92.5°  | 13.1   | 14.0   | 14.8   | 15.7   | 16.1   | 16.2   | 16.4   | 16.5   | 16.7   | 16.9   | 16.7   |
| 95°    | 13.1   | 14.0   | 14.8   | 15.7   | 16.1   | 16.1   | 16.1   | 16.1   | 16.1   | 16.1   | 16.1   |
| 97.5°  | 14.1   | 14.5   | 14.8   | 15.1   | 15.3   | 15.4   | 15.6   | 15.7   | 15.9   | 16.1   | 15.9   |
| 100°   | 108.1  | 82.7   | 57.3   | 31.9   | 19.2   | 18.9   | 18.2   | 17.5   | 16.8   | 16.1   | 16.8   |
| 102.5° | 179.8  | 180.2  | 180.5  | 180.8  | 181.0  | 173.8  | 159.5  | 145.2  | 130.9  | 116.6  | 130.9  |
| 105°   | 228.6  | 228.6  | 228.6  | 228.6  | 228.6  | 228.5  | 228.3  | 228.2  | 228.0  | 227.8  | 228.0  |
| 107.5° | 279.4  | 279.6  | 279.7  | 279.9  | 280.0  | 279.7  | 279.0  | 278.3  | 277.6  | 276.9  | 277.6  |
| 110°   | 329.3  | 328.8  | 328.3  | 327.8  | 327.5  | 327.6  | 327.8  | 327.9  | 328.1  | 328.3  | 328.1  |

TEST NUMBER: P1027502

CATALOG NUMBER: S125DIP-B1090D850UB35-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 378.2  | 377.5  | 376.8  | 376.1  | 375.8  | 375.6  | 375.3  | 375.0  | 374.6  | 374.3  | 374.6  |
| 115°   | 427.3  | 426.6  | 425.9  | 425.2  | 424.9  | 424.4  | 423.4  | 422.3  | 421.3  | 420.3  | 421.3  |
| 117.5° | 475.3  | 474.3  | 473.2  | 472.2  | 471.7  | 471.5  | 471.2  | 470.9  | 470.5  | 470.2  | 470.5  |
| 120°   | 520.5  | 520.1  | 519.8  | 519.5  | 519.3  | 518.9  | 518.0  | 517.1  | 516.3  | 515.4  | 516.3  |
| 122.5° | 564.2  | 563.8  | 563.5  | 563.2  | 563.0  | 562.5  | 561.5  | 560.4  | 559.4  | 558.4  | 559.4  |
| 125°   | 606.8  | 606.1  | 605.4  | 604.7  | 604.4  | 604.1  | 603.6  | 603.1  | 602.6  | 602.1  | 602.6  |
| 127.5° | 645.5  | 645.1  | 644.8  | 644.5  | 644.3  | 643.6  | 642.3  | 640.9  | 639.6  | 638.2  | 639.6  |
| 130°   | 683.7  | 683.2  | 682.7  | 682.2  | 681.9  | 681.5  | 680.6  | 679.8  | 678.9  | 678.1  | 678.9  |
| 132.5° | 718.7  | 718.7  | 718.7  | 718.7  | 718.7  | 718.3  | 717.4  | 716.6  | 715.7  | 714.9  | 715.7  |
| 135°   | 753.7  | 753.3  | 753.0  | 752.7  | 752.5  | 752.0  | 751.0  | 749.9  | 748.9  | 747.9  | 748.9  |
| 137.5° | 786.2  | 786.2  | 786.2  | 786.2  | 786.2  | 785.8  | 784.9  | 784.1  | 783.2  | 782.4  | 783.2  |
| 140°   | 815.7  | 816.1  | 816.4  | 816.7  | 816.9  | 816.4  | 815.4  | 814.3  | 813.3  | 812.3  | 813.3  |
| 142.5° | 845.3  | 845.3  | 845.3  | 845.3  | 845.3  | 844.8  | 843.8  | 842.7  | 841.7  | 840.7  | 841.7  |
| 145°   | 872.3  | 872.5  | 872.6  | 872.8  | 872.9  | 872.4  | 871.4  | 870.3  | 869.3  | 868.3  | 869.3  |
| 147.5° | 896.1  | 896.3  | 896.4  | 896.6  | 896.7  | 896.1  | 894.9  | 893.7  | 892.5  | 891.3  | 892.5  |
| 150°   | 918.5  | 918.8  | 919.2  | 919.5  | 919.7  | 919.0  | 917.6  | 916.3  | 914.9  | 913.5  | 914.9  |
| 152.5° | 938.4  | 938.8  | 939.1  | 939.4  | 939.6  | 939.0  | 937.8  | 936.6  | 935.4  | 934.2  | 935.4  |
| 155°   | 956.2  | 956.7  | 957.2  | 957.7  | 958.0  | 957.3  | 956.0  | 954.6  | 953.3  | 951.9  | 953.3  |
| 157.5° | 971.6  | 972.1  | 972.6  | 973.1  | 973.4  | 972.7  | 971.3  | 970.0  | 968.6  | 967.2  | 968.6  |
| 160°   | 985.6  | 986.2  | 986.9  | 987.6  | 987.9  | 987.2  | 985.9  | 984.5  | 983.2  | 981.8  | 983.2  |
| 162.5° | 998.1  | 999.1  | 1000.2 | 1001.2 | 1001.7 | 1000.9 | 999.4  | 997.9  | 996.3  | 994.8  | 996.3  |
| 165°   | 1008.9 | 1009.9 | 1011.0 | 1012.0 | 1012.5 | 1011.8 | 1010.4 | 1009.1 | 1007.7 | 1006.3 | 1007.7 |
| 167.5° | 1017.5 | 1018.7 | 1019.9 | 1021.1 | 1021.7 | 1020.9 | 1019.4 | 1017.9 | 1016.3 | 1014.8 | 1016.3 |
| 170°   | 1023.9 | 1025.2 | 1026.6 | 1027.9 | 1028.6 | 1027.8 | 1026.3 | 1024.8 | 1023.2 | 1021.7 | 1023.2 |
| 172.5° | 1029.0 | 1030.2 | 1031.4 | 1032.6 | 1033.2 | 1032.4 | 1030.9 | 1029.4 | 1027.8 | 1026.3 | 1027.8 |
| 175°   | 1032.3 | 1033.6 | 1035.0 | 1036.3 | 1037.0 | 1036.2 | 1034.7 | 1033.2 | 1031.6 | 1030.1 | 1031.6 |
| 177.5° | 1034.4 | 1035.6 | 1036.8 | 1038.0 | 1038.6 | 1037.9 | 1036.5 | 1035.2 | 1033.8 | 1032.4 | 1033.8 |
| 180°   | 1034.7 | 1034.7 | 1034.7 | 1034.7 | 1034.7 | 1034.7 | 1034.7 | 1034.7 | 1034.7 | 1034.7 | 1034.7 |

TEST NUMBER: P1027502

CATALOG NUMBER: S125DIP-B1090D850UB35-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1587.6 | 1587.6 | 1587.6 | 1587.6 | 1587.6 | 1587.6 | 1587.6 | 1587.6 | 1587.6 | 1587.6 | 1587.6 |
| 2.5°   | 1699.5 | 1690.0 | 1692.7 | 1690.0 | 1683.3 | 1679.3 | 1668.5 | 1655.0 | 1649.6 | 1642.9 | 1638.8 |
| 5°     | 1835.6 | 1828.8 | 1827.5 | 1816.7 | 1814.0 | 1797.9 | 1770.9 | 1757.4 | 1741.2 | 1725.1 | 1708.9 |
| 7.5°   | 1983.8 | 1975.7 | 1948.8 | 1944.8 | 1947.4 | 1927.2 | 1892.2 | 1865.2 | 1831.5 | 1808.6 | 1777.6 |
| 10°    | 2106.5 | 2090.3 | 2067.4 | 2068.7 | 2059.3 | 2032.4 | 1997.3 | 1969.0 | 1920.5 | 1890.8 | 1846.4 |
| 12.5°  | 2180.6 | 2167.1 | 2164.4 | 2151.0 | 2142.9 | 2107.8 | 2066.0 | 2029.7 | 1993.3 | 1952.8 | 1919.1 |
| 15°    | 2270.9 | 2253.4 | 2241.2 | 2222.4 | 2217.0 | 2180.6 | 2134.8 | 2093.0 | 2051.2 | 2013.5 | 1942.1 |
| 17.5°  | 2370.6 | 2351.8 | 2305.9 | 2301.9 | 2269.6 | 2234.5 | 2190.0 | 2128.0 | 2083.6 | 2029.7 | 1977.1 |
| 20°    | 2483.8 | 2456.9 | 2397.6 | 2382.8 | 2357.2 | 2299.2 | 2238.6 | 2169.8 | 2098.4 | 2043.1 | 1981.1 |
| 22.5°  | 2610.5 | 2563.4 | 2520.2 | 2473.1 | 2454.2 | 2382.8 | 2299.2 | 2215.6 | 2129.4 | 2053.9 | 1979.8 |
| 25°    | 2774.9 | 2712.9 | 2652.3 | 2605.1 | 2572.8 | 2479.8 | 2367.9 | 2257.4 | 2157.7 | 2059.3 | 1962.3 |
| 27.5°  | 2904.3 | 2850.4 | 2784.4 | 2722.4 | 2680.6 | 2570.1 | 2442.1 | 2299.2 | 2175.2 | 2055.3 | 1951.5 |
| 30°    | 2913.8 | 2897.6 | 2857.2 | 2823.5 | 2777.6 | 2659.0 | 2517.5 | 2355.8 | 2202.2 | 2056.6 | 1929.9 |
| 32.5°  | 2737.2 | 2769.6 | 2787.1 | 2792.5 | 2783.0 | 2714.3 | 2584.9 | 2407.0 | 2226.4 | 2044.5 | 1911.1 |
| 35°    | 2357.2 | 2443.4 | 2549.9 | 2590.3 | 2629.4 | 2665.8 | 2598.4 | 2443.4 | 2234.5 | 2041.8 | 1881.4 |
| 37.5°  | 1940.7 | 2018.9 | 2195.4 | 2276.3 | 2322.1 | 2466.3 | 2521.6 | 2438.0 | 2250.7 | 2044.5 | 1853.1 |
| 40°    | 1566.0 | 1690.0 | 1816.7 | 1925.9 | 1997.3 | 2159.0 | 2330.2 | 2349.1 | 2227.8 | 2018.9 | 1816.7 |
| 42.5°  | 1318.1 | 1390.8 | 1486.5 | 1587.6 | 1651.0 | 1842.3 | 2074.1 | 2210.3 | 2156.3 | 1977.1 | 1772.2 |
| 45°    | 1122.6 | 1176.6 | 1266.9 | 1300.5 | 1381.4 | 1564.7 | 1810.0 | 2006.7 | 2033.7 | 1911.1 | 1721.0 |
| 47.5°  | 963.6  | 1009.4 | 1067.4 | 1109.2 | 1173.9 | 1311.3 | 1518.9 | 1735.9 | 1865.2 | 1820.8 | 1649.6 |
| 50°    | 849.1  | 886.8  | 935.3  | 959.6  | 1001.4 | 1125.3 | 1281.7 | 1497.3 | 1671.2 | 1686.0 | 1556.6 |
| 52.5°  | 753.4  | 774.9  | 812.7  | 839.6  | 873.3  | 948.8  | 1090.3 | 1268.2 | 1463.6 | 1544.5 | 1442.1 |
| 55°    | 669.8  | 687.3  | 721.0  | 738.5  | 756.1  | 820.8  | 931.3  | 1093.0 | 1276.3 | 1382.8 | 1324.8 |
| 57.5°  | 594.3  | 609.2  | 637.5  | 653.6  | 663.1  | 725.1  | 810.0  | 936.7  | 1101.1 | 1230.5 | 1198.1 |
| 60°    | 532.3  | 545.8  | 562.0  | 574.1  | 584.9  | 636.1  | 695.4  | 797.8  | 944.7  | 1070.1 | 1062.0 |
| 62.5°  | 466.3  | 478.4  | 496.0  | 508.1  | 517.5  | 549.9  | 599.7  | 677.9  | 803.2  | 919.1  | 942.1  |
| 65°    | 408.4  | 417.8  | 429.9  | 435.3  | 447.4  | 471.7  | 512.1  | 582.2  | 684.6  | 788.4  | 804.6  |
| 67.5°  | 355.8  | 358.5  | 366.6  | 378.7  | 381.4  | 403.0  | 439.4  | 491.9  | 571.4  | 656.3  | 681.9  |
| 70°    | 299.2  | 303.2  | 310.0  | 319.4  | 324.8  | 338.3  | 369.3  | 404.3  | 473.0  | 547.2  | 566.0  |
| 72.5°  | 249.3  | 254.7  | 257.4  | 262.8  | 265.5  | 287.1  | 300.5  | 335.6  | 382.8  | 444.7  | 465.0  |
| 75°    | 202.2  | 207.5  | 208.9  | 211.6  | 214.3  | 223.7  | 242.6  | 264.2  | 303.2  | 343.7  | 370.6  |
| 77.5°  | 160.4  | 159.0  | 161.7  | 165.8  | 164.4  | 172.5  | 184.6  | 203.5  | 229.1  | 262.8  | 280.3  |
| 80°    | 113.2  | 113.2  | 117.3  | 121.3  | 119.9  | 128.0  | 132.1  | 145.6  | 167.1  | 188.7  | 195.4  |
| 82.5°  | 75.5   | 75.5   | 79.5   | 79.5   | 82.2   | 83.6   | 88.9   | 95.7   | 113.2  | 124.0  | 128.0  |
| 85°    | 43.1   | 43.1   | 44.5   | 44.5   | 44.5   | 47.2   | 51.2   | 53.9   | 59.3   | 66.0   | 68.7   |
| 87.5°  | 17.5   | 18.9   | 18.9   | 18.9   | 18.9   | 21.6   | 21.6   | 24.3   | 25.6   | 28.3   | 28.3   |
| 90°    | 17.4   | 16.9   | 16.4   | 16.1   | 15.7   | 14.8   | 14.0   | 13.1   | 12.3   | 11.1   | 9.9    |
| 92.5°  | 16.5   | 16.4   | 16.2   | 16.1   | 15.7   | 14.8   | 14.0   | 13.1   | 12.3   | 11.3   | 10.3   |
| 95°    | 16.1   | 16.1   | 16.1   | 16.1   | 15.7   | 14.8   | 14.0   | 13.1   | 12.3   | 18.8   | 25.2   |
| 97.5°  | 15.7   | 15.6   | 15.4   | 15.3   | 15.1   | 14.8   | 14.5   | 14.1   | 13.8   | 30.0   | 46.2   |
| 100°   | 17.5   | 18.2   | 18.9   | 19.2   | 31.9   | 57.3   | 82.7   | 108.1  | 133.5  | 132.8  | 132.1  |
| 102.5° | 145.2  | 159.5  | 173.8  | 181.0  | 180.8  | 180.5  | 180.2  | 179.8  | 179.5  | 179.2  | 178.8  |
| 105°   | 228.2  | 228.3  | 228.5  | 228.6  | 228.6  | 228.6  | 228.6  | 228.6  | 228.6  | 228.6  | 228.6  |
| 107.5° | 278.3  | 279.0  | 279.7  | 280.0  | 279.9  | 279.7  | 279.6  | 279.4  | 279.2  | 278.9  | 278.5  |
| 110°   | 327.9  | 327.8  | 327.6  | 327.5  | 327.8  | 328.3  | 328.8  | 329.3  | 329.8  | 329.5  | 329.1  |

TEST NUMBER: P1027502

CATALOG NUMBER: S125DIP-B1090D850UB35-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 375.0  | 375.3  | 375.6  | 375.8  | 376.1  | 376.8  | 377.5  | 378.2  | 378.9  | 378.7  | 378.5  |
| 115°   | 422.3  | 423.4  | 424.4  | 424.9  | 425.2  | 425.9  | 426.6  | 427.3  | 428.0  | 427.8  | 427.6  |
| 117.5° | 470.9  | 471.2  | 471.5  | 471.7  | 472.2  | 473.2  | 474.3  | 475.3  | 476.3  | 475.6  | 475.0  |
| 120°   | 517.1  | 518.0  | 518.9  | 519.3  | 519.5  | 519.8  | 520.1  | 520.5  | 520.8  | 520.3  | 519.8  |
| 122.5° | 560.4  | 561.5  | 562.5  | 563.0  | 563.2  | 563.5  | 563.8  | 564.2  | 564.5  | 564.3  | 564.2  |
| 125°   | 603.1  | 603.6  | 604.1  | 604.4  | 604.7  | 605.4  | 606.1  | 606.8  | 607.5  | 607.5  | 607.5  |
| 127.5° | 640.9  | 642.3  | 643.6  | 644.3  | 644.5  | 644.8  | 645.1  | 645.5  | 645.8  | 646.0  | 646.2  |
| 130°   | 679.8  | 680.6  | 681.5  | 681.9  | 682.2  | 682.7  | 683.2  | 683.7  | 684.2  | 684.0  | 683.8  |
| 132.5° | 716.6  | 717.4  | 718.3  | 718.7  | 718.7  | 718.7  | 718.7  | 718.7  | 718.7  | 719.2  | 719.7  |
| 135°   | 749.9  | 751.0  | 752.0  | 752.5  | 752.7  | 753.0  | 753.3  | 753.7  | 754.0  | 754.3  | 754.7  |
| 137.5° | 784.1  | 784.9  | 785.8  | 786.2  | 786.2  | 786.2  | 786.2  | 786.2  | 786.2  | 786.5  | 786.9  |
| 140°   | 814.3  | 815.4  | 816.4  | 816.9  | 816.7  | 816.4  | 816.1  | 815.7  | 815.4  | 815.6  | 815.7  |
| 142.5° | 842.7  | 843.8  | 844.8  | 845.3  | 845.3  | 845.3  | 845.3  | 845.3  | 845.3  | 844.9  | 844.6  |
| 145°   | 870.3  | 871.4  | 872.4  | 872.9  | 872.8  | 872.6  | 872.5  | 872.3  | 872.1  | 872.1  | 872.1  |
| 147.5° | 893.7  | 894.9  | 896.1  | 896.7  | 896.6  | 896.4  | 896.3  | 896.1  | 895.9  | 895.7  | 895.5  |
| 150°   | 916.3  | 917.6  | 919.0  | 919.7  | 919.5  | 919.2  | 918.8  | 918.5  | 918.1  | 917.8  | 917.4  |
| 152.5° | 936.6  | 937.8  | 939.0  | 939.6  | 939.4  | 939.1  | 938.8  | 938.4  | 938.1  | 937.7  | 937.4  |
| 155°   | 954.6  | 956.0  | 957.3  | 958.0  | 957.7  | 957.2  | 956.7  | 956.2  | 955.7  | 955.4  | 955.0  |
| 157.5° | 970.0  | 971.3  | 972.7  | 973.4  | 973.1  | 972.6  | 972.1  | 971.6  | 971.1  | 971.1  | 971.1  |
| 160°   | 984.5  | 985.9  | 987.2  | 987.9  | 987.6  | 986.9  | 986.2  | 985.6  | 984.9  | 984.7  | 984.5  |
| 162.5° | 997.9  | 999.4  | 1000.9 | 1001.7 | 1001.2 | 1000.2 | 999.1  | 998.1  | 997.1  | 996.9  | 996.8  |
| 165°   | 1009.1 | 1010.4 | 1011.8 | 1012.5 | 1012.0 | 1011.0 | 1009.9 | 1008.9 | 1007.9 | 1007.7 | 1007.5 |
| 167.5° | 1017.9 | 1019.4 | 1020.9 | 1021.7 | 1021.1 | 1019.9 | 1018.7 | 1017.5 | 1016.3 | 1016.1 | 1016.0 |
| 170°   | 1024.8 | 1026.3 | 1027.8 | 1028.6 | 1027.9 | 1026.6 | 1025.2 | 1023.9 | 1022.5 | 1022.3 | 1022.1 |
| 172.5° | 1029.4 | 1030.9 | 1032.4 | 1033.2 | 1032.6 | 1031.4 | 1030.2 | 1029.0 | 1027.8 | 1027.5 | 1027.1 |
| 175°   | 1033.2 | 1034.7 | 1036.2 | 1037.0 | 1036.3 | 1035.0 | 1033.6 | 1032.3 | 1030.9 | 1030.7 | 1030.5 |
| 177.5° | 1035.2 | 1036.5 | 1037.9 | 1038.6 | 1038.0 | 1036.8 | 1035.6 | 1034.4 | 1033.2 | 1033.0 | 1032.8 |
| 180°   | 1034.7 | 1034.7 | 1034.7 | 1034.7 | 1034.7 | 1034.7 | 1034.7 | 1034.7 | 1034.7 | 1034.7 | 1034.7 |

TEST NUMBER: P1027502

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**CANDELA DISTRIBUTION (continued):**

|        | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1587.6 | 1587.6 | 1587.6 | 1587.6 | 1587.6 | 1587.6 | 1587.6 | 1587.6 | 1587.6 | 1587.6 | 1587.6 |
| 2.5°   | 1633.4 | 1626.7 | 1618.6 | 1618.6 | 1609.2 | 1605.1 | 1597.0 | 1594.3 | 1587.6 | 1576.8 | 1568.7 |
| 5°     | 1691.4 | 1673.9 | 1663.1 | 1653.6 | 1633.4 | 1618.6 | 1603.8 | 1587.6 | 1571.4 | 1552.6 | 1531.0 |
| 7.5°   | 1748.0 | 1715.6 | 1700.8 | 1684.6 | 1655.0 | 1624.0 | 1594.3 | 1572.8 | 1551.2 | 1521.6 | 1494.6 |
| 10°    | 1807.3 | 1766.9 | 1739.9 | 1718.3 | 1672.5 | 1633.4 | 1590.3 | 1559.3 | 1525.6 | 1487.9 | 1452.8 |
| 12.5°  | 1857.2 | 1804.6 | 1781.7 | 1741.2 | 1688.7 | 1641.5 | 1587.6 | 1540.4 | 1496.0 | 1451.5 | 1408.4 |
| 15°    | 1898.9 | 1849.1 | 1792.5 | 1776.3 | 1703.5 | 1636.1 | 1575.5 | 1514.8 | 1459.6 | 1415.1 | 1365.2 |
| 17.5°  | 1912.4 | 1849.1 | 1820.8 | 1781.7 | 1695.4 | 1625.3 | 1548.5 | 1482.5 | 1429.9 | 1363.9 | 1324.8 |
| 20°    | 1916.5 | 1855.8 | 1816.7 | 1780.3 | 1703.5 | 1610.5 | 1535.0 | 1454.2 | 1390.8 | 1324.8 | 1262.8 |
| 22.5°  | 1905.7 | 1834.2 | 1796.5 | 1761.5 | 1675.2 | 1595.7 | 1508.1 | 1419.1 | 1345.0 | 1284.4 | 1222.4 |
| 25°    | 1885.5 | 1801.9 | 1765.5 | 1727.8 | 1645.6 | 1558.0 | 1462.3 | 1377.4 | 1308.6 | 1235.9 | 1175.2 |
| 27.5°  | 1858.5 | 1762.8 | 1721.0 | 1681.9 | 1601.1 | 1518.9 | 1428.6 | 1341.0 | 1264.2 | 1187.3 | 1130.7 |
| 30°    | 1824.8 | 1714.3 | 1676.6 | 1625.3 | 1547.2 | 1469.0 | 1386.8 | 1299.2 | 1212.9 | 1140.2 | 1078.2 |
| 32.5°  | 1781.7 | 1665.8 | 1615.9 | 1567.4 | 1482.5 | 1411.1 | 1332.9 | 1250.7 | 1167.1 | 1095.7 | 1031.0 |
| 35°    | 1742.6 | 1610.5 | 1555.3 | 1506.7 | 1412.4 | 1336.9 | 1272.2 | 1195.4 | 1121.3 | 1047.2 | 989.2  |
| 37.5°  | 1690.0 | 1555.3 | 1489.2 | 1439.4 | 1343.7 | 1266.9 | 1206.2 | 1146.9 | 1068.7 | 997.3  | 943.4  |
| 40°    | 1634.8 | 1486.5 | 1424.5 | 1374.7 | 1274.9 | 1191.4 | 1133.4 | 1080.9 | 1017.5 | 951.5  | 894.9  |
| 42.5°  | 1584.9 | 1420.5 | 1354.5 | 1293.8 | 1192.7 | 1118.6 | 1059.3 | 1018.9 | 960.9  | 901.6  | 850.4  |
| 45°    | 1521.6 | 1350.4 | 1279.0 | 1215.6 | 1118.6 | 1037.7 | 981.1  | 948.8  | 905.7  | 847.7  | 803.2  |
| 47.5°  | 1456.9 | 1274.9 | 1200.8 | 1138.8 | 1033.7 | 962.3  | 907.0  | 876.0  | 846.4  | 800.5  | 756.1  |
| 50°    | 1372.0 | 1195.4 | 1128.0 | 1056.6 | 952.8  | 880.1  | 834.2  | 803.2  | 780.3  | 748.0  | 710.2  |
| 52.5°  | 1279.0 | 1113.2 | 1040.4 | 978.4  | 876.0  | 810.0  | 757.4  | 739.9  | 717.0  | 692.7  | 660.4  |
| 55°    | 1180.6 | 1024.3 | 954.2  | 893.5  | 799.2  | 731.8  | 688.7  | 669.8  | 652.3  | 633.4  | 611.9  |
| 57.5°  | 1082.2 | 931.3  | 865.2  | 811.3  | 723.7  | 659.0  | 624.0  | 598.4  | 586.3  | 575.5  | 558.0  |
| 60°    | 959.6  | 831.5  | 780.3  | 731.8  | 645.6  | 586.3  | 552.6  | 533.7  | 522.9  | 517.5  | 509.4  |
| 62.5°  | 851.8  | 746.6  | 690.0  | 642.9  | 574.1  | 521.6  | 489.2  | 474.4  | 465.0  | 462.3  | 452.8  |
| 65°    | 737.2  | 646.9  | 602.4  | 562.0  | 502.7  | 455.5  | 428.6  | 411.1  | 404.3  | 403.0  | 403.0  |
| 67.5°  | 629.4  | 556.6  | 512.1  | 483.8  | 432.6  | 390.8  | 365.2  | 358.5  | 354.4  | 349.1  | 347.7  |
| 70°    | 528.3  | 470.4  | 431.3  | 407.0  | 361.2  | 330.2  | 310.0  | 299.2  | 299.2  | 295.1  | 292.5  |
| 72.5°  | 439.4  | 381.4  | 355.8  | 335.6  | 297.8  | 270.9  | 256.1  | 253.4  | 243.9  | 242.6  | 242.6  |
| 75°    | 343.7  | 300.5  | 283.0  | 265.5  | 237.2  | 218.3  | 206.2  | 199.5  | 194.1  | 194.1  | 195.4  |
| 77.5°  | 258.8  | 229.1  | 212.9  | 199.5  | 179.2  | 167.1  | 157.7  | 155.0  | 149.6  | 149.6  | 149.6  |
| 80°    | 183.3  | 167.1  | 155.0  | 144.2  | 129.4  | 118.6  | 113.2  | 107.8  | 107.8  | 106.5  | 107.8  |
| 82.5°  | 118.6  | 105.1  | 98.4   | 97.0   | 83.6   | 79.5   | 72.8   | 74.1   | 70.1   | 68.7   | 71.4   |
| 85°    | 68.7   | 62.0   | 53.9   | 51.2   | 45.8   | 40.4   | 37.7   | 39.1   | 37.7   | 36.4   | 37.7   |
| 87.5°  | 27.0   | 22.9   | 21.6   | 21.6   | 17.5   | 16.2   | 14.8   | 16.2   | 13.5   | 13.5   | 14.8   |
| 90°    | 8.7    | 7.5    | 6.9    | 6.2    | 4.9    | 3.5    | 2.2    | 0.8    | 2.2    | 3.5    | 4.9    |
| 92.5°  | 9.2    | 8.2    | 7.7    | 8.5    | 10.0   | 11.5   | 13.1   | 14.6   | 13.1   | 11.5   | 10.0   |
| 95°    | 31.7   | 38.2   | 41.4   | 41.7   | 42.2   | 42.7   | 43.2   | 43.7   | 43.2   | 42.7   | 42.2   |
| 97.5°  | 62.4   | 78.6   | 86.7   | 86.2   | 85.2   | 84.1   | 83.1   | 82.1   | 83.1   | 84.1   | 85.2   |
| 100°   | 131.4  | 130.7  | 130.4  | 130.1  | 129.6  | 129.1  | 128.6  | 128.1  | 128.6  | 129.1  | 129.6  |
| 102.5° | 178.5  | 178.2  | 178.0  | 177.7  | 177.0  | 176.3  | 175.6  | 174.9  | 175.6  | 176.3  | 177.0  |
| 105°   | 228.6  | 228.6  | 228.6  | 228.3  | 227.6  | 226.9  | 226.2  | 225.5  | 226.2  | 226.9  | 227.6  |
| 107.5° | 278.2  | 277.9  | 277.7  | 277.7  | 277.7  | 277.7  | 277.7  | 277.7  | 277.7  | 277.7  | 277.7  |
| 110°   | 328.8  | 328.5  | 328.3  | 328.3  | 328.3  | 328.3  | 328.3  | 328.3  | 328.3  | 328.3  | 328.3  |

TEST NUMBER: P1027502

CATALOG NUMBER: S125DIP-B1090D850UB35-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 378.4  | 378.2  | 378.1  | 377.8  | 377.3  | 376.8  | 376.3  | 375.8  | 376.3  | 376.8  | 377.3  |
| 115°   | 427.5  | 427.3  | 427.2  | 426.8  | 425.9  | 425.1  | 424.2  | 423.4  | 424.2  | 425.1  | 425.9  |
| 117.5° | 474.3  | 473.6  | 473.3  | 473.3  | 473.3  | 473.3  | 473.3  | 473.3  | 473.3  | 473.3  | 473.3  |
| 120°   | 519.3  | 518.8  | 518.5  | 518.6  | 518.8  | 518.9  | 519.1  | 519.3  | 519.1  | 518.9  | 518.8  |
| 122.5° | 564.0  | 563.9  | 563.8  | 563.4  | 562.5  | 561.6  | 560.8  | 559.9  | 560.8  | 561.6  | 562.5  |
| 125°   | 607.5  | 607.5  | 607.5  | 606.9  | 605.7  | 604.5  | 603.3  | 602.1  | 603.3  | 604.5  | 605.7  |
| 127.5° | 646.3  | 646.5  | 646.6  | 646.2  | 645.3  | 644.5  | 643.6  | 642.8  | 643.6  | 644.5  | 645.3  |
| 130°   | 683.7  | 683.5  | 683.4  | 683.0  | 682.1  | 681.3  | 680.4  | 679.6  | 680.4  | 681.3  | 682.1  |
| 132.5° | 720.2  | 720.7  | 721.0  | 720.5  | 719.5  | 718.4  | 717.4  | 716.4  | 717.4  | 718.4  | 719.5  |
| 135°   | 755.0  | 755.3  | 755.5  | 755.0  | 754.0  | 752.9  | 751.9  | 750.9  | 751.9  | 752.9  | 754.0  |
| 137.5° | 787.2  | 787.5  | 787.7  | 787.2  | 786.2  | 785.1  | 784.1  | 783.1  | 784.1  | 785.1  | 786.2  |
| 140°   | 815.9  | 816.0  | 816.1  | 815.9  | 815.6  | 815.3  | 814.9  | 814.6  | 814.9  | 815.3  | 815.6  |
| 142.5° | 844.2  | 843.9  | 843.7  | 843.6  | 843.5  | 843.3  | 843.2  | 843.0  | 843.2  | 843.3  | 843.5  |
| 145°   | 872.1  | 872.1  | 872.1  | 871.9  | 871.6  | 871.3  | 870.9  | 870.6  | 870.9  | 871.3  | 871.6  |
| 147.5° | 895.4  | 895.2  | 895.1  | 895.1  | 895.1  | 895.1  | 895.1  | 895.1  | 895.1  | 895.1  | 895.1  |
| 150°   | 917.1  | 916.8  | 916.6  | 916.8  | 917.1  | 917.4  | 917.8  | 918.1  | 917.8  | 917.4  | 917.1  |
| 152.5° | 937.0  | 936.7  | 936.5  | 936.9  | 937.8  | 938.7  | 939.5  | 940.4  | 939.5  | 938.7  | 937.8  |
| 155°   | 954.7  | 954.4  | 954.2  | 954.7  | 955.7  | 956.8  | 957.8  | 958.8  | 957.8  | 956.8  | 955.7  |
| 157.5° | 971.1  | 971.1  | 971.1  | 971.4  | 971.9  | 972.4  | 972.9  | 973.4  | 972.9  | 972.4  | 971.9  |
| 160°   | 984.4  | 984.2  | 984.1  | 984.6  | 985.6  | 986.7  | 987.7  | 988.7  | 987.7  | 986.7  | 985.6  |
| 162.5° | 996.6  | 996.5  | 996.4  | 996.9  | 997.9  | 999.0  | 1000.0 | 1001.0 | 1000.0 | 999.0  | 997.9  |
| 165°   | 1007.4 | 1007.2 | 1007.1 | 1007.6 | 1008.6 | 1009.7 | 1010.7 | 1011.7 | 1010.7 | 1009.7 | 1008.6 |
| 167.5° | 1015.8 | 1015.7 | 1015.6 | 1016.1 | 1017.1 | 1018.2 | 1019.2 | 1020.2 | 1019.2 | 1018.2 | 1017.1 |
| 170°   | 1022.0 | 1021.8 | 1021.7 | 1022.3 | 1023.5 | 1024.7 | 1025.9 | 1027.1 | 1025.9 | 1024.7 | 1023.5 |
| 172.5° | 1026.8 | 1026.5 | 1026.3 | 1026.9 | 1028.1 | 1029.3 | 1030.5 | 1031.7 | 1030.5 | 1029.3 | 1028.1 |
| 175°   | 1030.4 | 1030.2 | 1030.1 | 1030.6 | 1031.6 | 1032.7 | 1033.7 | 1034.7 | 1033.7 | 1032.7 | 1031.6 |
| 177.5° | 1032.7 | 1032.5 | 1032.4 | 1032.9 | 1033.9 | 1035.0 | 1036.0 | 1037.0 | 1036.0 | 1035.0 | 1033.9 |
| 180°   | 1034.7 | 1034.7 | 1034.7 | 1034.7 | 1034.7 | 1034.7 | 1034.7 | 1034.7 | 1034.7 | 1034.7 | 1034.7 |

TEST NUMBER: P1027502

CATALOG NUMBER: S125DIP-B1090D850UB35-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 200°   | 202.5° | 205°   | 210°   | 215°   | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1587.6 | 1587.6 | 1587.6 | 1587.6 | 1587.6 | 1587.6 | 1587.6 | 1587.6 | 1587.6 | 1587.6 | 1587.6 |
| 2.5°   | 1566.0 | 1563.3 | 1556.6 | 1552.6 | 1539.1 | 1522.9 | 1517.5 | 1504.0 | 1509.4 | 1500.0 | 1500.0 |
| 5°     | 1524.3 | 1512.1 | 1504.0 | 1491.9 | 1466.3 | 1448.8 | 1429.9 | 1420.5 | 1415.1 | 1408.4 | 1403.0 |
| 7.5°   | 1470.4 | 1460.9 | 1452.8 | 1429.9 | 1401.6 | 1377.4 | 1354.5 | 1345.0 | 1327.5 | 1315.4 | 1310.0 |
| 10°    | 1423.2 | 1409.7 | 1390.8 | 1363.9 | 1334.2 | 1303.2 | 1283.0 | 1262.8 | 1249.3 | 1242.6 | 1227.8 |
| 12.5°  | 1374.7 | 1358.5 | 1338.3 | 1299.2 | 1266.9 | 1248.0 | 1211.6 | 1192.7 | 1186.0 | 1180.6 | 1163.1 |
| 15°    | 1324.8 | 1307.3 | 1283.0 | 1246.6 | 1218.3 | 1173.9 | 1152.3 | 1137.5 | 1121.3 | 1120.0 | 1106.5 |
| 17.5°  | 1280.3 | 1258.8 | 1238.5 | 1194.1 | 1159.0 | 1120.0 | 1107.8 | 1091.6 | 1076.8 | 1060.7 | 1053.9 |
| 20°    | 1223.7 | 1203.5 | 1188.7 | 1140.2 | 1101.1 | 1076.8 | 1056.6 | 1043.1 | 1033.7 | 1017.5 | 1014.8 |
| 22.5°  | 1172.5 | 1150.9 | 1130.7 | 1094.3 | 1060.7 | 1029.7 | 1005.4 | 990.6  | 986.5  | 979.8  | 967.7  |
| 25°    | 1122.6 | 1101.1 | 1076.8 | 1043.1 | 1008.1 | 986.5  | 965.0  | 955.5  | 947.4  | 936.7  | 927.2  |
| 27.5°  | 1080.9 | 1060.7 | 1037.7 | 996.0  | 966.3  | 950.1  | 927.2  | 916.4  | 905.7  | 900.3  | 896.2  |
| 30°    | 1031.0 | 1008.1 | 990.6  | 958.2  | 925.9  | 904.3  | 888.1  | 878.7  | 869.3  | 863.9  | 861.2  |
| 32.5°  | 982.5  | 960.9  | 948.8  | 913.8  | 888.1  | 862.5  | 850.4  | 843.7  | 838.3  | 832.9  | 827.5  |
| 35°    | 943.4  | 921.8  | 903.0  | 870.6  | 845.0  | 827.5  | 818.1  | 807.3  | 803.2  | 797.8  | 797.8  |
| 37.5°  | 894.9  | 878.7  | 859.8  | 828.8  | 805.9  | 792.5  | 784.4  | 770.9  | 769.5  | 766.8  | 762.8  |
| 40°    | 853.1  | 836.9  | 819.4  | 792.5  | 772.2  | 756.1  | 745.3  | 738.5  | 734.5  | 731.8  | 729.1  |
| 42.5°  | 808.6  | 791.1  | 783.0  | 752.0  | 734.5  | 718.3  | 712.9  | 706.2  | 704.9  | 699.5  | 692.7  |
| 45°    | 765.5  | 750.7  | 734.5  | 711.6  | 696.8  | 683.3  | 675.2  | 669.8  | 663.1  | 661.7  | 657.7  |
| 47.5°  | 727.8  | 710.2  | 695.4  | 673.9  | 657.7  | 646.9  | 640.2  | 633.4  | 628.0  | 624.0  | 619.9  |
| 50°    | 679.2  | 665.8  | 653.6  | 630.7  | 617.3  | 606.5  | 597.0  | 591.6  | 586.3  | 586.3  | 586.3  |
| 52.5°  | 632.1  | 619.9  | 609.2  | 593.0  | 576.8  | 567.4  | 556.6  | 552.6  | 549.9  | 545.8  | 549.9  |
| 55°    | 586.3  | 574.1  | 563.3  | 551.2  | 532.3  | 524.3  | 513.5  | 509.4  | 510.8  | 510.8  | 514.8  |
| 57.5°  | 537.7  | 528.3  | 521.6  | 506.7  | 489.2  | 481.1  | 474.4  | 470.4  | 470.4  | 475.7  | 477.1  |
| 60°    | 490.6  | 481.1  | 469.0  | 455.5  | 444.7  | 435.3  | 431.3  | 432.6  | 432.6  | 435.3  | 442.1  |
| 62.5°  | 438.0  | 432.6  | 425.9  | 407.0  | 400.3  | 393.5  | 388.1  | 392.2  | 390.8  | 397.6  | 407.0  |
| 65°    | 389.5  | 384.1  | 374.7  | 365.2  | 357.1  | 350.4  | 349.1  | 350.4  | 353.1  | 359.8  | 370.6  |
| 67.5°  | 335.6  | 335.6  | 327.5  | 319.4  | 312.7  | 305.9  | 307.3  | 308.6  | 311.3  | 319.4  | 335.6  |
| 70°    | 291.1  | 285.7  | 277.6  | 272.2  | 266.8  | 264.2  | 261.5  | 266.8  | 274.9  | 280.3  | 292.5  |
| 72.5°  | 242.6  | 238.5  | 231.8  | 226.4  | 225.1  | 222.4  | 221.0  | 223.7  | 231.8  | 241.2  | 254.7  |
| 75°    | 191.4  | 192.7  | 188.7  | 184.6  | 184.6  | 180.6  | 183.3  | 183.3  | 191.4  | 200.8  | 211.6  |
| 77.5°  | 148.2  | 146.9  | 145.6  | 142.9  | 141.5  | 141.5  | 141.5  | 144.2  | 152.3  | 157.7  | 168.5  |
| 80°    | 105.1  | 106.5  | 102.4  | 103.8  | 102.4  | 103.8  | 103.8  | 109.2  | 113.2  | 119.9  | 128.0  |
| 82.5°  | 70.1   | 70.1   | 67.4   | 68.7   | 68.7   | 68.7   | 70.1   | 72.8   | 78.2   | 83.6   | 88.9   |
| 85°    | 39.1   | 40.4   | 37.7   | 40.4   | 40.4   | 40.4   | 41.8   | 43.1   | 47.2   | 48.5   | 53.9   |
| 87.5°  | 14.8   | 17.5   | 17.5   | 14.8   | 16.2   | 17.5   | 18.9   | 17.5   | 20.2   | 22.9   | 24.3   |
| 90°    | 6.2    | 6.9    | 7.5    | 8.7    | 9.9    | 11.1   | 12.3   | 13.1   | 14.0   | 14.8   | 15.7   |
| 92.5°  | 8.5    | 7.7    | 8.2    | 9.2    | 10.3   | 11.3   | 12.3   | 13.1   | 14.0   | 14.8   | 15.7   |
| 95°    | 41.7   | 41.4   | 38.2   | 31.7   | 25.2   | 18.8   | 12.3   | 13.1   | 14.0   | 14.8   | 15.7   |
| 97.5°  | 86.2   | 86.7   | 78.6   | 62.4   | 46.2   | 30.0   | 13.8   | 14.1   | 14.5   | 14.8   | 15.1   |
| 100°   | 130.1  | 130.4  | 130.7  | 131.4  | 132.1  | 132.8  | 133.5  | 108.1  | 82.7   | 57.3   | 31.9   |
| 102.5° | 177.7  | 178.0  | 178.2  | 178.5  | 178.8  | 179.2  | 179.5  | 179.8  | 180.2  | 180.5  | 180.8  |
| 105°   | 228.3  | 228.6  | 228.6  | 228.6  | 228.6  | 228.6  | 228.6  | 228.6  | 228.6  | 228.6  | 228.6  |
| 107.5° | 277.7  | 277.7  | 277.9  | 278.2  | 278.5  | 278.9  | 279.2  | 279.4  | 279.6  | 279.7  | 279.9  |
| 110°   | 328.3  | 328.3  | 328.5  | 328.8  | 329.1  | 329.5  | 329.8  | 329.3  | 328.8  | 328.3  | 327.8  |

TEST NUMBER: P1027502

CATALOG NUMBER: S125DIP-B1090D850UB35-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 200°   | 202.5° | 205°   | 210°   | 215°   | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 377.8  | 378.1  | 378.2  | 378.4  | 378.5  | 378.7  | 378.9  | 378.2  | 377.5  | 376.8  | 376.1  |
| 115°   | 426.8  | 427.2  | 427.3  | 427.5  | 427.6  | 427.8  | 428.0  | 427.3  | 426.6  | 425.9  | 425.2  |
| 117.5° | 473.3  | 473.3  | 473.6  | 474.3  | 475.0  | 475.6  | 476.3  | 475.3  | 474.3  | 473.2  | 472.2  |
| 120°   | 518.6  | 518.5  | 518.8  | 519.3  | 519.8  | 520.3  | 520.8  | 520.5  | 520.1  | 519.8  | 519.5  |
| 122.5° | 563.4  | 563.8  | 563.9  | 564.0  | 564.2  | 564.3  | 564.5  | 564.2  | 563.8  | 563.5  | 563.2  |
| 125°   | 606.9  | 607.5  | 607.5  | 607.5  | 607.5  | 607.5  | 607.5  | 606.8  | 606.1  | 605.4  | 604.7  |
| 127.5° | 646.2  | 646.6  | 646.5  | 646.3  | 646.2  | 646.0  | 645.8  | 645.5  | 645.1  | 644.8  | 644.5  |
| 130°   | 683.0  | 683.4  | 683.5  | 683.7  | 683.8  | 684.0  | 684.2  | 683.7  | 683.2  | 682.7  | 682.2  |
| 132.5° | 720.5  | 721.0  | 720.7  | 720.2  | 719.7  | 719.2  | 718.7  | 718.7  | 718.7  | 718.7  | 718.7  |
| 135°   | 755.0  | 755.5  | 755.3  | 755.0  | 754.7  | 754.3  | 754.0  | 753.7  | 753.3  | 753.0  | 752.7  |
| 137.5° | 787.2  | 787.7  | 787.5  | 787.2  | 786.9  | 786.5  | 786.2  | 786.2  | 786.2  | 786.2  | 786.2  |
| 140°   | 815.9  | 816.1  | 816.0  | 815.9  | 815.7  | 815.6  | 815.4  | 815.7  | 816.1  | 816.4  | 816.7  |
| 142.5° | 843.6  | 843.7  | 843.9  | 844.2  | 844.6  | 844.9  | 845.3  | 845.3  | 845.3  | 845.3  | 845.3  |
| 145°   | 871.9  | 872.1  | 872.1  | 872.1  | 872.1  | 872.1  | 872.1  | 872.3  | 872.5  | 872.6  | 872.8  |
| 147.5° | 895.1  | 895.1  | 895.2  | 895.4  | 895.5  | 895.7  | 895.9  | 896.1  | 896.3  | 896.4  | 896.6  |
| 150°   | 916.8  | 916.6  | 916.8  | 917.1  | 917.4  | 917.8  | 918.1  | 918.5  | 918.8  | 919.2  | 919.5  |
| 152.5° | 936.9  | 936.5  | 936.7  | 937.0  | 937.4  | 937.7  | 938.1  | 938.4  | 938.8  | 939.1  | 939.4  |
| 155°   | 954.7  | 954.2  | 954.4  | 954.7  | 955.0  | 955.4  | 955.7  | 956.2  | 956.7  | 957.2  | 957.7  |
| 157.5° | 971.4  | 971.1  | 971.1  | 971.1  | 971.1  | 971.1  | 971.1  | 971.6  | 972.1  | 972.6  | 973.1  |
| 160°   | 984.6  | 984.1  | 984.2  | 984.4  | 984.5  | 984.7  | 984.9  | 985.6  | 986.2  | 986.9  | 987.6  |
| 162.5° | 996.9  | 996.4  | 996.5  | 996.6  | 996.8  | 996.9  | 997.1  | 998.1  | 999.1  | 1000.2 | 1001.2 |
| 165°   | 1007.6 | 1007.1 | 1007.2 | 1007.4 | 1007.5 | 1007.7 | 1007.9 | 1008.9 | 1009.9 | 1011.0 | 1012.0 |
| 167.5° | 1016.1 | 1015.6 | 1015.7 | 1015.8 | 1016.0 | 1016.1 | 1016.3 | 1017.5 | 1018.7 | 1019.9 | 1021.1 |
| 170°   | 1022.3 | 1021.7 | 1021.8 | 1022.0 | 1022.1 | 1022.3 | 1022.5 | 1023.9 | 1025.2 | 1026.6 | 1027.9 |
| 172.5° | 1026.9 | 1026.3 | 1026.5 | 1026.8 | 1027.1 | 1027.5 | 1027.8 | 1029.0 | 1030.2 | 1031.4 | 1032.6 |
| 175°   | 1030.6 | 1030.1 | 1030.2 | 1030.4 | 1030.5 | 1030.7 | 1030.9 | 1032.3 | 1033.6 | 1035.0 | 1036.3 |
| 177.5° | 1032.9 | 1032.4 | 1032.5 | 1032.7 | 1032.8 | 1033.0 | 1033.2 | 1034.4 | 1035.6 | 1036.8 | 1038.0 |
| 180°   | 1034.7 | 1034.7 | 1034.7 | 1034.7 | 1034.7 | 1034.7 | 1034.7 | 1034.7 | 1034.7 | 1034.7 | 1034.7 |

TEST NUMBER: P1027502

CATALOG NUMBER: S125DIP-B1090D850UB35-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1587.6 | 1587.6 | 1587.6 | 1587.6 | 1587.6 | 1587.6 | 1587.6 | 1587.6 | 1587.6 | 1587.6 | 1587.6 |
| 2.5°   | 1505.4 | 1496.0 | 1494.6 | 1497.3 | 1491.9 | 1500.0 | 1497.3 | 1500.0 | 1493.3 | 1500.0 | 1496.0 |
| 5°     | 1401.6 | 1398.9 | 1393.5 | 1386.8 | 1388.1 | 1389.5 | 1396.2 | 1389.5 | 1394.9 | 1396.2 | 1403.0 |
| 7.5°   | 1304.6 | 1299.2 | 1303.2 | 1300.5 | 1288.4 | 1285.7 | 1288.4 | 1292.5 | 1300.5 | 1305.9 | 1310.0 |
| 10°    | 1226.4 | 1223.7 | 1218.3 | 1214.3 | 1207.6 | 1203.5 | 1208.9 | 1203.5 | 1214.3 | 1223.7 | 1223.7 |
| 12.5°  | 1167.1 | 1156.3 | 1149.6 | 1148.3 | 1133.4 | 1136.1 | 1141.5 | 1145.6 | 1157.7 | 1163.1 | 1163.1 |
| 15°    | 1105.1 | 1097.0 | 1094.3 | 1089.0 | 1083.6 | 1089.0 | 1086.3 | 1090.3 | 1095.7 | 1101.1 | 1103.8 |
| 17.5°  | 1051.2 | 1049.9 | 1051.2 | 1037.7 | 1041.8 | 1035.0 | 1036.4 | 1043.1 | 1039.1 | 1043.1 | 1051.2 |
| 20°    | 1002.7 | 1005.4 | 1001.4 | 996.0  | 996.0  | 987.9  | 997.3  | 994.6  | 996.0  | 1004.0 | 1016.2 |
| 22.5°  | 966.3  | 965.0  | 960.9  | 956.9  | 951.5  | 952.8  | 954.2  | 951.5  | 962.3  | 969.0  | 970.4  |
| 25°    | 927.2  | 924.5  | 923.2  | 919.1  | 913.8  | 919.1  | 917.8  | 919.1  | 921.8  | 932.6  | 924.5  |
| 27.5°  | 890.8  | 885.4  | 888.1  | 884.1  | 882.8  | 884.1  | 884.1  | 885.4  | 888.1  | 889.5  | 890.8  |
| 30°    | 859.8  | 854.5  | 853.1  | 850.4  | 849.1  | 850.4  | 853.1  | 850.4  | 861.2  | 859.8  | 859.8  |
| 32.5°  | 826.1  | 822.1  | 819.4  | 819.4  | 818.1  | 816.7  | 818.1  | 819.4  | 827.5  | 822.1  | 827.5  |
| 35°    | 793.8  | 791.1  | 791.1  | 788.4  | 787.1  | 787.1  | 787.1  | 792.5  | 789.8  | 793.8  | 793.8  |
| 37.5°  | 762.8  | 762.8  | 761.5  | 758.8  | 757.4  | 758.8  | 757.4  | 760.1  | 758.8  | 760.1  | 761.5  |
| 40°    | 730.5  | 727.8  | 726.4  | 726.4  | 722.4  | 718.3  | 722.4  | 722.4  | 723.7  | 727.8  | 729.1  |
| 42.5°  | 691.4  | 692.7  | 692.7  | 687.3  | 687.3  | 687.3  | 688.7  | 690.0  | 690.0  | 692.7  | 692.7  |
| 45°    | 657.7  | 655.0  | 655.0  | 655.0  | 652.3  | 653.6  | 656.3  | 656.3  | 656.3  | 656.3  | 653.6  |
| 47.5°  | 619.9  | 619.9  | 621.3  | 621.3  | 625.3  | 624.0  | 624.0  | 622.6  | 619.9  | 619.9  | 621.3  |
| 50°    | 584.9  | 589.0  | 590.3  | 590.3  | 591.6  | 593.0  | 593.0  | 590.3  | 589.0  | 584.9  | 584.9  |
| 52.5°  | 551.2  | 553.9  | 556.6  | 560.6  | 563.3  | 562.0  | 562.0  | 559.3  | 553.9  | 552.6  | 551.2  |
| 55°    | 514.8  | 518.9  | 524.3  | 528.3  | 532.3  | 533.7  | 533.7  | 528.3  | 522.9  | 516.2  | 516.2  |
| 57.5°  | 481.1  | 485.2  | 494.6  | 498.7  | 504.0  | 504.0  | 501.3  | 497.3  | 489.2  | 483.8  | 479.8  |
| 60°    | 447.4  | 454.2  | 460.9  | 469.0  | 475.7  | 477.1  | 473.0  | 467.7  | 458.2  | 451.5  | 446.1  |
| 62.5°  | 411.1  | 417.8  | 431.3  | 439.4  | 444.7  | 444.7  | 444.7  | 438.0  | 425.9  | 416.4  | 408.4  |
| 65°    | 376.0  | 382.8  | 394.9  | 405.7  | 409.7  | 413.7  | 409.7  | 403.0  | 393.5  | 382.8  | 374.7  |
| 67.5°  | 339.6  | 347.7  | 359.8  | 367.9  | 373.3  | 377.4  | 374.7  | 369.3  | 357.1  | 342.3  | 336.9  |
| 70°    | 299.2  | 303.2  | 320.8  | 328.8  | 336.9  | 339.6  | 336.9  | 328.8  | 316.7  | 300.5  | 295.1  |
| 72.5°  | 261.5  | 265.5  | 281.7  | 288.4  | 295.1  | 297.8  | 293.8  | 288.4  | 277.6  | 262.8  | 256.1  |
| 75°    | 218.3  | 225.1  | 233.2  | 243.9  | 252.0  | 254.7  | 250.7  | 246.6  | 233.2  | 223.7  | 218.3  |
| 77.5°  | 172.5  | 179.2  | 190.0  | 199.5  | 207.5  | 206.2  | 200.8  | 202.2  | 187.3  | 176.6  | 172.5  |
| 80°    | 130.7  | 136.1  | 144.2  | 152.3  | 156.3  | 156.3  | 155.0  | 149.6  | 144.2  | 136.1  | 129.4  |
| 82.5°  | 90.3   | 97.0   | 103.8  | 109.2  | 109.2  | 110.5  | 107.8  | 106.5  | 101.1  | 94.3   | 93.0   |
| 85°    | 53.9   | 55.3   | 60.6   | 60.6   | 66.0   | 63.3   | 62.0   | 66.0   | 60.6   | 56.6   | 55.3   |
| 87.5°  | 24.3   | 22.9   | 24.3   | 24.3   | 22.9   | 25.6   | 25.6   | 24.3   | 25.6   | 24.3   | 24.3   |
| 90°    | 16.1   | 16.4   | 16.9   | 17.4   | 17.9   | 18.4   | 17.9   | 17.4   | 16.9   | 16.4   | 16.1   |
| 92.5°  | 16.1   | 16.2   | 16.4   | 16.5   | 16.7   | 16.9   | 16.7   | 16.5   | 16.4   | 16.2   | 16.1   |
| 95°    | 16.1   | 16.1   | 16.1   | 16.1   | 16.1   | 16.1   | 16.1   | 16.1   | 16.1   | 16.1   | 16.1   |
| 97.5°  | 15.3   | 15.4   | 15.6   | 15.7   | 15.9   | 16.1   | 15.9   | 15.7   | 15.6   | 15.4   | 15.3   |
| 100°   | 19.2   | 18.9   | 18.2   | 17.5   | 16.8   | 16.1   | 16.8   | 17.5   | 18.2   | 18.9   | 19.2   |
| 102.5° | 181.0  | 173.8  | 159.5  | 145.2  | 130.9  | 116.6  | 130.9  | 145.2  | 159.5  | 173.8  | 181.0  |
| 105°   | 228.6  | 228.5  | 228.3  | 228.2  | 228.0  | 227.8  | 228.0  | 228.2  | 228.3  | 228.5  | 228.6  |
| 107.5° | 280.0  | 279.7  | 279.0  | 278.3  | 277.6  | 276.9  | 277.6  | 278.3  | 279.0  | 279.7  | 280.0  |
| 110°   | 327.5  | 327.6  | 327.8  | 327.9  | 328.1  | 328.3  | 328.1  | 327.9  | 327.8  | 327.6  | 327.5  |

TEST NUMBER: P1027502

CATALOG NUMBER: S125DIP-B1090D850UB35-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 375.8  | 375.6  | 375.3  | 375.0  | 374.6  | 374.3  | 374.6  | 375.0  | 375.3  | 375.6  | 375.8  |
| 115°   | 424.9  | 424.4  | 423.4  | 422.3  | 421.3  | 420.3  | 421.3  | 422.3  | 423.4  | 424.4  | 424.9  |
| 117.5° | 471.7  | 471.5  | 471.2  | 470.9  | 470.5  | 470.2  | 470.5  | 470.9  | 471.2  | 471.5  | 471.7  |
| 120°   | 519.3  | 518.9  | 518.0  | 517.1  | 516.3  | 515.4  | 516.3  | 517.1  | 518.0  | 518.9  | 519.3  |
| 122.5° | 563.0  | 562.5  | 561.5  | 560.4  | 559.4  | 558.4  | 559.4  | 560.4  | 561.5  | 562.5  | 563.0  |
| 125°   | 604.4  | 604.1  | 603.6  | 603.1  | 602.6  | 602.1  | 602.6  | 603.1  | 603.6  | 604.1  | 604.4  |
| 127.5° | 644.3  | 643.6  | 642.3  | 640.9  | 639.6  | 638.2  | 639.6  | 640.9  | 642.3  | 643.6  | 644.3  |
| 130°   | 681.9  | 681.5  | 680.6  | 679.8  | 678.9  | 678.1  | 678.9  | 679.8  | 680.6  | 681.5  | 681.9  |
| 132.5° | 718.7  | 718.3  | 717.4  | 716.6  | 715.7  | 714.9  | 715.7  | 716.6  | 717.4  | 718.3  | 718.7  |
| 135°   | 752.5  | 752.0  | 751.0  | 749.9  | 748.9  | 747.9  | 748.9  | 749.9  | 751.0  | 752.0  | 752.5  |
| 137.5° | 786.2  | 785.8  | 784.9  | 784.1  | 783.2  | 782.4  | 783.2  | 784.1  | 784.9  | 785.8  | 786.2  |
| 140°   | 816.9  | 816.4  | 815.4  | 814.3  | 813.3  | 812.3  | 813.3  | 814.3  | 815.4  | 816.4  | 816.9  |
| 142.5° | 845.3  | 844.8  | 843.8  | 842.7  | 841.7  | 840.7  | 841.7  | 842.7  | 843.8  | 844.8  | 845.3  |
| 145°   | 872.9  | 872.4  | 871.4  | 870.3  | 869.3  | 868.3  | 869.3  | 870.3  | 871.4  | 872.4  | 872.9  |
| 147.5° | 896.7  | 896.1  | 894.9  | 893.7  | 892.5  | 891.3  | 892.5  | 893.7  | 894.9  | 896.1  | 896.7  |
| 150°   | 919.7  | 919.0  | 917.6  | 916.3  | 914.9  | 913.5  | 914.9  | 916.3  | 917.6  | 919.0  | 919.7  |
| 152.5° | 939.6  | 939.0  | 937.8  | 936.6  | 935.4  | 934.2  | 935.4  | 936.6  | 937.8  | 939.0  | 939.6  |
| 155°   | 958.0  | 957.3  | 956.0  | 954.6  | 953.3  | 951.9  | 953.3  | 954.6  | 956.0  | 957.3  | 958.0  |
| 157.5° | 973.4  | 972.7  | 971.3  | 970.0  | 968.6  | 967.2  | 968.6  | 970.0  | 971.3  | 972.7  | 973.4  |
| 160°   | 987.9  | 987.2  | 985.9  | 984.5  | 983.2  | 981.8  | 983.2  | 984.5  | 985.9  | 987.2  | 987.9  |
| 162.5° | 1001.7 | 1000.9 | 999.4  | 997.9  | 996.3  | 994.8  | 996.3  | 997.9  | 999.4  | 1000.9 | 1001.7 |
| 165°   | 1012.5 | 1011.8 | 1010.4 | 1009.1 | 1007.7 | 1006.3 | 1007.7 | 1009.1 | 1010.4 | 1011.8 | 1012.5 |
| 167.5° | 1021.7 | 1020.9 | 1019.4 | 1017.9 | 1016.3 | 1014.8 | 1016.3 | 1017.9 | 1019.4 | 1020.9 | 1021.7 |
| 170°   | 1028.6 | 1027.8 | 1026.3 | 1024.8 | 1023.2 | 1021.7 | 1023.2 | 1024.8 | 1026.3 | 1027.8 | 1028.6 |
| 172.5° | 1033.2 | 1032.4 | 1030.9 | 1029.4 | 1027.8 | 1026.3 | 1027.8 | 1029.4 | 1030.9 | 1032.4 | 1033.2 |
| 175°   | 1037.0 | 1036.2 | 1034.7 | 1033.2 | 1031.6 | 1030.1 | 1031.6 | 1033.2 | 1034.7 | 1036.2 | 1037.0 |
| 177.5° | 1038.6 | 1037.9 | 1036.5 | 1035.2 | 1033.8 | 1032.4 | 1033.8 | 1035.2 | 1036.5 | 1037.9 | 1038.6 |
| 180°   | 1034.7 | 1034.7 | 1034.7 | 1034.7 | 1034.7 | 1034.7 | 1034.7 | 1034.7 | 1034.7 | 1034.7 | 1034.7 |

TEST NUMBER: P1027502

CATALOG NUMBER: S125DIP-B1090D850UB35-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 337.5° | 340°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1587.6 | 1587.6 | 1587.6 | 1587.6 | 1587.6 | 1587.6 | 1587.6 | 1587.6 | 1587.6 | 1587.6 | 1587.6 |
| 2.5°   | 1508.1 | 1500.0 | 1509.4 | 1497.3 | 1500.0 | 1514.8 | 1513.5 | 1527.0 | 1535.0 | 1533.7 | 1540.4 |
| 5°     | 1408.4 | 1408.4 | 1412.4 | 1411.1 | 1424.5 | 1436.7 | 1452.8 | 1466.3 | 1481.1 | 1489.2 | 1498.7 |
| 7.5°   | 1310.0 | 1323.5 | 1326.2 | 1332.9 | 1349.1 | 1369.3 | 1385.5 | 1405.7 | 1427.2 | 1442.1 | 1452.8 |
| 10°    | 1229.1 | 1239.9 | 1250.7 | 1256.1 | 1273.6 | 1300.5 | 1323.5 | 1355.8 | 1382.8 | 1398.9 | 1413.8 |
| 12.5°  | 1157.7 | 1169.8 | 1175.2 | 1199.5 | 1211.6 | 1229.1 | 1261.5 | 1296.5 | 1326.2 | 1343.7 | 1355.8 |
| 15°    | 1106.5 | 1113.2 | 1125.3 | 1140.2 | 1152.3 | 1173.9 | 1200.8 | 1239.9 | 1268.2 | 1283.0 | 1324.8 |
| 17.5°  | 1063.3 | 1071.4 | 1078.2 | 1084.9 | 1103.8 | 1126.7 | 1152.3 | 1186.0 | 1222.4 | 1248.0 | 1269.5 |
| 20°    | 1018.9 | 1022.9 | 1031.0 | 1041.8 | 1055.3 | 1076.8 | 1099.7 | 1134.8 | 1167.1 | 1187.3 | 1215.6 |
| 22.5°  | 966.3  | 978.4  | 986.5  | 994.6  | 1009.4 | 1033.7 | 1055.3 | 1080.9 | 1121.3 | 1144.2 | 1173.9 |
| 25°    | 935.3  | 940.7  | 946.1  | 955.5  | 966.3  | 987.9  | 1012.1 | 1039.1 | 1071.4 | 1095.7 | 1121.3 |
| 27.5°  | 894.9  | 903.0  | 909.7  | 921.8  | 928.6  | 946.1  | 969.0  | 996.0  | 1035.0 | 1055.3 | 1076.8 |
| 30°    | 861.2  | 869.3  | 874.7  | 880.1  | 889.5  | 908.4  | 929.9  | 951.5  | 987.9  | 1013.5 | 1035.0 |
| 32.5°  | 827.5  | 835.6  | 842.3  | 846.4  | 855.8  | 867.9  | 885.4  | 912.4  | 943.4  | 960.9  | 989.2  |
| 35°    | 797.8  | 797.8  | 805.9  | 811.3  | 819.4  | 830.2  | 846.4  | 866.6  | 898.9  | 921.8  | 947.4  |
| 37.5°  | 764.2  | 765.5  | 772.2  | 776.3  | 784.4  | 795.2  | 811.3  | 830.2  | 857.1  | 874.7  | 900.3  |
| 40°    | 729.1  | 733.2  | 735.9  | 742.6  | 752.0  | 756.1  | 772.2  | 793.8  | 820.8  | 836.9  | 858.5  |
| 42.5°  | 694.1  | 696.8  | 703.5  | 708.9  | 717.0  | 723.7  | 734.5  | 754.7  | 774.9  | 799.2  | 816.7  |
| 45°    | 655.0  | 661.7  | 665.8  | 675.2  | 679.2  | 686.0  | 696.8  | 712.9  | 737.2  | 752.0  | 772.2  |
| 47.5°  | 621.3  | 624.0  | 626.7  | 638.8  | 646.9  | 650.9  | 661.7  | 671.2  | 696.8  | 710.2  | 729.1  |
| 50°    | 584.9  | 584.9  | 589.0  | 594.3  | 603.8  | 611.9  | 621.3  | 632.1  | 652.3  | 665.8  | 684.6  |
| 52.5°  | 551.2  | 547.2  | 549.9  | 552.6  | 562.0  | 570.1  | 579.5  | 594.3  | 613.2  | 621.3  | 637.5  |
| 55°    | 514.8  | 508.1  | 512.1  | 516.2  | 518.9  | 529.7  | 540.4  | 549.9  | 564.7  | 576.8  | 591.6  |
| 57.5°  | 475.7  | 474.4  | 471.7  | 473.0  | 479.8  | 486.5  | 494.6  | 506.7  | 524.3  | 533.7  | 541.8  |
| 60°    | 440.7  | 432.6  | 429.9  | 432.6  | 436.7  | 440.7  | 451.5  | 462.3  | 477.1  | 486.5  | 496.0  |
| 62.5°  | 404.3  | 396.2  | 390.8  | 386.8  | 390.8  | 400.3  | 407.0  | 415.1  | 427.2  | 438.0  | 446.1  |
| 65°    | 369.3  | 357.1  | 351.8  | 349.1  | 347.7  | 354.4  | 359.8  | 370.6  | 381.4  | 385.4  | 394.9  |
| 67.5°  | 330.2  | 319.4  | 312.7  | 308.6  | 308.6  | 308.6  | 314.0  | 324.8  | 335.6  | 336.9  | 346.4  |
| 70°    | 291.1  | 279.0  | 272.2  | 266.8  | 264.2  | 266.8  | 273.6  | 274.9  | 284.4  | 287.1  | 292.5  |
| 72.5°  | 249.3  | 238.5  | 230.5  | 223.7  | 225.1  | 227.8  | 227.8  | 230.5  | 235.9  | 242.6  | 242.6  |
| 75°    | 210.2  | 195.4  | 191.4  | 186.0  | 183.3  | 183.3  | 183.3  | 188.7  | 192.7  | 198.1  | 196.8  |
| 77.5°  | 165.8  | 157.7  | 149.6  | 146.9  | 142.9  | 141.5  | 144.2  | 144.2  | 146.9  | 150.9  | 152.3  |
| 80°    | 128.0  | 118.6  | 113.2  | 110.5  | 105.1  | 103.8  | 105.1  | 105.1  | 109.2  | 107.8  | 109.2  |
| 82.5°  | 88.9   | 82.2   | 78.2   | 74.1   | 71.4   | 72.8   | 71.4   | 71.4   | 72.8   | 71.4   | 71.4   |
| 85°    | 51.2   | 49.9   | 47.2   | 45.8   | 44.5   | 41.8   | 44.5   | 43.1   | 41.8   | 40.4   | 43.1   |
| 87.5°  | 24.3   | 22.9   | 22.9   | 20.2   | 20.2   | 18.9   | 20.2   | 20.2   | 18.9   | 18.9   | 18.9   |
| 90°    | 15.7   | 14.8   | 14.0   | 13.1   | 12.3   | 11.1   | 9.9    | 8.7    | 7.5    | 6.9    | 6.2    |
| 92.5°  | 15.7   | 14.8   | 14.0   | 13.1   | 12.3   | 11.3   | 10.3   | 9.2    | 8.2    | 7.7    | 8.5    |
| 95°    | 15.7   | 14.8   | 14.0   | 13.1   | 12.3   | 18.8   | 25.2   | 31.7   | 38.2   | 41.4   | 41.7   |
| 97.5°  | 15.1   | 14.8   | 14.5   | 14.1   | 13.8   | 30.0   | 46.2   | 62.4   | 78.6   | 86.7   | 86.2   |
| 100°   | 31.9   | 57.3   | 82.7   | 108.1  | 133.5  | 132.8  | 132.1  | 131.4  | 130.7  | 130.4  | 130.1  |
| 102.5° | 180.8  | 180.5  | 180.2  | 179.8  | 179.5  | 179.2  | 178.8  | 178.5  | 178.2  | 178.0  | 177.7  |
| 105°   | 228.6  | 228.6  | 228.6  | 228.6  | 228.6  | 228.6  | 228.6  | 228.6  | 228.6  | 228.6  | 228.3  |
| 107.5° | 279.9  | 279.7  | 279.6  | 279.4  | 279.2  | 278.9  | 278.5  | 278.2  | 277.9  | 277.7  | 277.7  |
| 110°   | 327.8  | 328.3  | 328.8  | 329.3  | 329.8  | 329.5  | 329.1  | 328.8  | 328.5  | 328.3  | 328.3  |

TEST NUMBER: P1027502

CATALOG NUMBER: S125DIP-B1090D850UB35-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 337.5° | 340°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 376.1  | 376.8  | 377.5  | 378.2  | 378.9  | 378.7  | 378.5  | 378.4  | 378.2  | 378.1  | 377.8  |
| 115°   | 425.2  | 425.9  | 426.6  | 427.3  | 428.0  | 427.8  | 427.6  | 427.5  | 427.3  | 427.2  | 426.8  |
| 117.5° | 472.2  | 473.2  | 474.3  | 475.3  | 476.3  | 475.6  | 475.0  | 474.3  | 473.6  | 473.3  | 473.3  |
| 120°   | 519.5  | 519.8  | 520.1  | 520.5  | 520.8  | 520.3  | 519.8  | 519.3  | 518.8  | 518.5  | 518.6  |
| 122.5° | 563.2  | 563.5  | 563.8  | 564.2  | 564.5  | 564.3  | 564.2  | 564.0  | 563.9  | 563.8  | 563.4  |
| 125°   | 604.7  | 605.4  | 606.1  | 606.8  | 607.5  | 607.5  | 607.5  | 607.5  | 607.5  | 607.5  | 606.9  |
| 127.5° | 644.5  | 644.8  | 645.1  | 645.5  | 645.8  | 646.0  | 646.2  | 646.3  | 646.5  | 646.6  | 646.2  |
| 130°   | 682.2  | 682.7  | 683.2  | 683.7  | 684.2  | 684.0  | 683.8  | 683.7  | 683.5  | 683.4  | 683.0  |
| 132.5° | 718.7  | 718.7  | 718.7  | 718.7  | 718.7  | 719.2  | 719.7  | 720.2  | 720.7  | 721.0  | 720.5  |
| 135°   | 752.7  | 753.0  | 753.3  | 753.7  | 754.0  | 754.3  | 754.7  | 755.0  | 755.3  | 755.5  | 755.0  |
| 137.5° | 786.2  | 786.2  | 786.2  | 786.2  | 786.2  | 786.5  | 786.9  | 787.2  | 787.5  | 787.7  | 787.2  |
| 140°   | 816.7  | 816.4  | 816.1  | 815.7  | 815.4  | 815.6  | 815.7  | 815.9  | 816.0  | 816.1  | 815.9  |
| 142.5° | 845.3  | 845.3  | 845.3  | 845.3  | 845.3  | 844.9  | 844.6  | 844.2  | 843.9  | 843.7  | 843.6  |
| 145°   | 872.8  | 872.6  | 872.5  | 872.3  | 872.1  | 872.1  | 872.1  | 872.1  | 872.1  | 872.1  | 871.9  |
| 147.5° | 896.6  | 896.4  | 896.3  | 896.1  | 895.9  | 895.7  | 895.5  | 895.4  | 895.2  | 895.1  | 895.1  |
| 150°   | 919.5  | 919.2  | 918.8  | 918.5  | 918.1  | 917.8  | 917.4  | 917.1  | 916.8  | 916.6  | 916.8  |
| 152.5° | 939.4  | 939.1  | 938.8  | 938.4  | 938.1  | 937.7  | 937.4  | 937.0  | 936.7  | 936.5  | 936.9  |
| 155°   | 957.7  | 957.2  | 956.7  | 956.2  | 955.7  | 955.4  | 955.0  | 954.7  | 954.4  | 954.2  | 954.7  |
| 157.5° | 973.1  | 972.6  | 972.1  | 971.6  | 971.1  | 971.1  | 971.1  | 971.1  | 971.1  | 971.1  | 971.4  |
| 160°   | 987.6  | 986.9  | 986.2  | 985.6  | 984.9  | 984.7  | 984.5  | 984.4  | 984.2  | 984.1  | 984.6  |
| 162.5° | 1001.2 | 1000.2 | 999.1  | 998.1  | 997.1  | 996.9  | 996.8  | 996.6  | 996.5  | 996.4  | 996.9  |
| 165°   | 1012.0 | 1011.0 | 1009.9 | 1008.9 | 1007.9 | 1007.7 | 1007.5 | 1007.4 | 1007.2 | 1007.1 | 1007.6 |
| 167.5° | 1021.1 | 1019.9 | 1018.7 | 1017.5 | 1016.3 | 1016.1 | 1016.0 | 1015.8 | 1015.7 | 1015.6 | 1016.1 |
| 170°   | 1027.9 | 1026.6 | 1025.2 | 1023.9 | 1022.5 | 1022.3 | 1022.1 | 1022.0 | 1021.8 | 1021.7 | 1022.3 |
| 172.5° | 1032.6 | 1031.4 | 1030.2 | 1029.0 | 1027.8 | 1027.5 | 1027.1 | 1026.8 | 1026.5 | 1026.3 | 1026.9 |
| 175°   | 1036.3 | 1035.0 | 1033.6 | 1032.3 | 1030.9 | 1030.7 | 1030.5 | 1030.4 | 1030.2 | 1030.1 | 1030.6 |
| 177.5° | 1038.0 | 1036.8 | 1035.6 | 1034.4 | 1033.2 | 1033.0 | 1032.8 | 1032.7 | 1032.5 | 1032.4 | 1032.9 |
| 180°   | 1034.7 | 1034.7 | 1034.7 | 1034.7 | 1034.7 | 1034.7 | 1034.7 | 1034.7 | 1034.7 | 1034.7 | 1034.7 |

TEST NUMBER: P1027502

CATALOG NUMBER: S125DIP-B1090D850UB35-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|
| 0°     | 1587.6 | 1587.6 | 1587.6 | 1587.6 |
| 2.5°   | 1549.9 | 1563.3 | 1572.8 | 1590.3 |
| 5°     | 1514.8 | 1539.1 | 1562.0 | 1586.3 |
| 7.5°   | 1479.8 | 1508.1 | 1544.5 | 1575.5 |
| 10°    | 1440.7 | 1477.1 | 1520.2 | 1562.0 |
| 12.5°  | 1401.6 | 1444.8 | 1491.9 | 1547.2 |
| 15°    | 1354.5 | 1409.7 | 1465.0 | 1524.3 |
| 17.5°  | 1312.7 | 1369.3 | 1428.6 | 1502.7 |
| 20°    | 1265.5 | 1327.5 | 1392.2 | 1467.7 |
| 22.5°  | 1223.7 | 1292.5 | 1359.8 | 1439.4 |
| 25°    | 1176.6 | 1243.9 | 1318.1 | 1403.0 |
| 27.5°  | 1137.5 | 1199.5 | 1272.2 | 1363.9 |
| 30°    | 1090.3 | 1157.7 | 1230.5 | 1322.1 |
| 32.5°  | 1045.8 | 1110.5 | 1187.3 | 1277.6 |
| 35°    | 1000.0 | 1066.0 | 1134.8 | 1221.0 |
| 37.5°  | 956.9  | 1013.5 | 1082.2 | 1164.4 |
| 40°    | 908.4  | 970.4  | 1032.3 | 1097.0 |
| 42.5°  | 863.9  | 920.5  | 978.4  | 1029.7 |
| 45°    | 814.0  | 862.5  | 917.8  | 959.6  |
| 47.5°  | 768.2  | 811.3  | 854.5  | 886.8  |
| 50°    | 722.4  | 756.1  | 788.4  | 816.7  |
| 52.5°  | 668.5  | 706.2  | 723.7  | 741.2  |
| 55°    | 619.9  | 641.5  | 657.7  | 675.2  |
| 57.5°  | 572.8  | 582.2  | 590.3  | 606.5  |
| 60°    | 510.8  | 521.6  | 531.0  | 543.1  |
| 62.5°  | 456.9  | 462.3  | 465.0  | 477.1  |
| 65°    | 405.7  | 404.3  | 411.1  | 417.8  |
| 67.5°  | 350.4  | 349.1  | 355.8  | 358.5  |
| 70°    | 296.5  | 295.1  | 296.5  | 303.2  |
| 72.5°  | 245.3  | 245.3  | 246.6  | 249.3  |
| 75°    | 198.1  | 198.1  | 199.5  | 202.2  |
| 77.5°  | 149.6  | 152.3  | 150.9  | 156.3  |
| 80°    | 109.2  | 106.5  | 109.2  | 111.9  |
| 82.5°  | 71.4   | 74.1   | 74.1   | 71.4   |
| 85°    | 40.4   | 40.4   | 40.4   | 40.4   |
| 87.5°  | 17.5   | 17.5   | 18.9   | 20.2   |
| 90°    | 4.9    | 3.5    | 2.2    | 0.8    |
| 92.5°  | 10.0   | 11.5   | 13.1   | 14.6   |
| 95°    | 42.2   | 42.7   | 43.2   | 43.7   |
| 97.5°  | 85.2   | 84.1   | 83.1   | 82.1   |
| 100°   | 129.6  | 129.1  | 128.6  | 128.1  |
| 102.5° | 177.0  | 176.3  | 175.6  | 174.9  |
| 105°   | 227.6  | 226.9  | 226.2  | 225.5  |
| 107.5° | 277.7  | 277.7  | 277.7  | 277.7  |
| 110°   | 328.3  | 328.3  | 328.3  | 328.3  |

TEST NUMBER: P1027502

CATALOG NUMBER: S125DIP-B1090D850UB35-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|
| 112.5° | 377.3  | 376.8  | 376.3  | 375.8  |
| 115°   | 425.9  | 425.1  | 424.2  | 423.4  |
| 117.5° | 473.3  | 473.3  | 473.3  | 473.3  |
| 120°   | 518.8  | 518.9  | 519.1  | 519.3  |
| 122.5° | 562.5  | 561.6  | 560.8  | 559.9  |
| 125°   | 605.7  | 604.5  | 603.3  | 602.1  |
| 127.5° | 645.3  | 644.5  | 643.6  | 642.8  |
| 130°   | 682.1  | 681.3  | 680.4  | 679.6  |
| 132.5° | 719.5  | 718.4  | 717.4  | 716.4  |
| 135°   | 754.0  | 752.9  | 751.9  | 750.9  |
| 137.5° | 786.2  | 785.1  | 784.1  | 783.1  |
| 140°   | 815.6  | 815.3  | 814.9  | 814.6  |
| 142.5° | 843.5  | 843.3  | 843.2  | 843.0  |
| 145°   | 871.6  | 871.3  | 870.9  | 870.6  |
| 147.5° | 895.1  | 895.1  | 895.1  | 895.1  |
| 150°   | 917.1  | 917.4  | 917.8  | 918.1  |
| 152.5° | 937.8  | 938.7  | 939.5  | 940.4  |
| 155°   | 955.7  | 956.8  | 957.8  | 958.8  |
| 157.5° | 971.9  | 972.4  | 972.9  | 973.4  |
| 160°   | 985.6  | 986.7  | 987.7  | 988.7  |
| 162.5° | 997.9  | 999.0  | 1000.0 | 1001.0 |
| 165°   | 1008.6 | 1009.7 | 1010.7 | 1011.7 |
| 167.5° | 1017.1 | 1018.2 | 1019.2 | 1020.2 |
| 170°   | 1023.5 | 1024.7 | 1025.9 | 1027.1 |
| 172.5° | 1028.1 | 1029.3 | 1030.5 | 1031.7 |
| 175°   | 1031.6 | 1032.7 | 1033.7 | 1034.7 |
| 177.5° | 1033.9 | 1035.0 | 1036.0 | 1037.0 |
| 180°   | 1034.7 | 1034.7 | 1034.7 | 1034.7 |

(END OF REPORT)