

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: P1028559

Luminaire Tested: S125RDIP-B1090D850UB50-4F0-XX-W2A-A4

Issue Date: 5/6/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P1028559  
REPORT IS A COMBINATION OF REPORTS P1005115 AND P1007351  
Test Lab: INNOVATION CENTER  
Issue Date: 5/6/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: S125RDIP-B1090D850UB50-4F0-XX-W2A-A4  
Description: Define 5 Regressed Direct/Indirect Pendant with 5000K BioUP LEDs {m-DER=1.015}  
{m-EER=1.115}  
Light Source: -  
Ballast/Driver: -

**Summary**

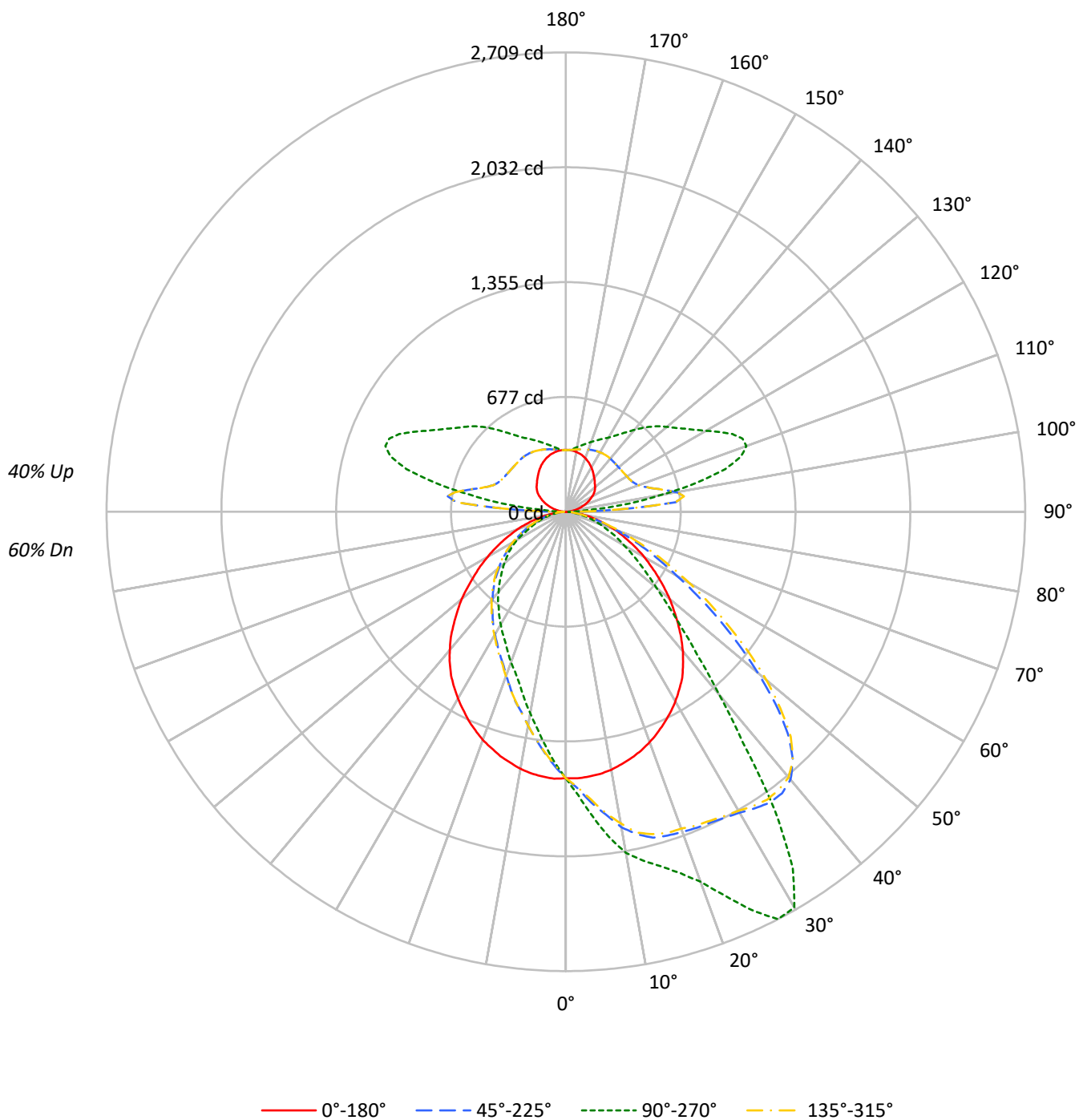
Lumens per Lamp: N/A  
Luminaire Lumens: 6809.0 lumens  
Efficiency: N/A  
Efficacy: 100.3 lumens/watt  
Spacing Criteria (0/90/45): 1.21 / 1.4 / 1.47  
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')  
CIE Type: General Diffuse

Input Watts (W): 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: P1028559

CATALOG NUMBER: S125RDIP-B1090D850UB50-4F0-XX-W2A-A4

### Luminous Intensity Polar Plot



TEST NUMBER: P1028559

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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 | 89 | 89 | 89 | 76 | 76 | 76 | 65 | 65 | 65 |
| 1   | 101 | 96  | 93  | 89  | 94  | 90  | 87  | 84  | 79 | 76 | 74 | 68 | 66 | 65 | 58 | 57 | 56 |
| 2   | 92  | 85  | 79  | 74  | 86  | 79  | 74  | 70  | 70 | 66 | 62 | 60 | 57 | 55 | 52 | 50 | 48 |
| 3   | 84  | 75  | 68  | 62  | 78  | 70  | 64  | 59  | 62 | 57 | 53 | 54 | 50 | 47 | 46 | 44 | 41 |
| 4   | 77  | 67  | 59  | 53  | 72  | 63  | 56  | 50  | 55 | 50 | 45 | 48 | 44 | 41 | 42 | 39 | 36 |
| 5   | 71  | 59  | 51  | 45  | 66  | 56  | 49  | 43  | 50 | 44 | 39 | 43 | 39 | 35 | 38 | 34 | 32 |
| 6   | 66  | 54  | 45  | 40  | 61  | 50  | 43  | 38  | 45 | 39 | 35 | 39 | 35 | 31 | 34 | 31 | 28 |
| 7   | 61  | 48  | 41  | 35  | 57  | 46  | 39  | 33  | 41 | 35 | 31 | 36 | 31 | 28 | 31 | 28 | 25 |
| 8   | 56  | 44  | 36  | 31  | 53  | 42  | 35  | 30  | 37 | 31 | 27 | 33 | 28 | 25 | 29 | 25 | 22 |
| 9   | 53  | 40  | 33  | 28  | 49  | 38  | 31  | 27  | 34 | 28 | 24 | 30 | 26 | 22 | 27 | 23 | 20 |
| 10  | 49  | 37  | 30  | 25  | 46  | 35  | 28  | 24  | 31 | 26 | 22 | 28 | 23 | 20 | 25 | 21 | 18 |

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

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 10070 | 10070 | 10070 | 10070 |
| 5°  | 10061 | 11349 | 10061 | 8723  |
| 10° | 10005 | 12754 | 9972  | 7541  |
| 15° | 9897  | 13493 | 9829  | 6566  |
| 20° | 9766  | 14566 | 9678  | 5935  |
| 25° | 9594  | 16487 | 9486  | 5386  |
| 30° | 9420  | 17525 | 9279  | 4994  |
| 35° | 9195  | 14412 | 9066  | 4628  |
| 40° | 8795  | 9787  | 8721  | 4300  |
| 45° | 8270  | 7036  | 8259  | 3976  |
| 50° | 7732  | 5410  | 7769  | 3677  |
| 55° | 7126  | 4400  | 7112  | 3389  |
| 60° | 6561  | 3605  | 6529  | 3008  |
| 65° | 5905  | 3005  | 5941  | 2422  |
| 70° | 5360  | 2411  | 5338  | 2017  |
| 75° | 4529  | 1827  | 4529  | 1658  |
| 80° | 3671  | 1115  | 3629  | 1115  |
| 85° | 2584  | 587   | 2510  | 664   |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 135°

Vertical Angle: 45°

Luminance: 14334 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 150.7  | 2.2       |
| 10°-20°   | 441.9  | 6.5       |
| 20°-30°   | 700.6  | 10.3      |
| 30°-40°   | 846.6  | 12.4      |
| 40°-50°   | 753.8  | 11.1      |
| 50°-60°   | 578.0  | 8.5       |
| 60°-70°   | 375.4  | 5.5       |
| 70°-80°   | 182.2  | 2.7       |
| 80°-90°   | 44.3   | 0.7       |
| 90°-100°  | 264.9  | 3.9       |
| 100°-110° | 571.3  | 8.4       |
| 110°-120° | 532.6  | 7.8       |
| 120°-130° | 431.4  | 6.3       |
| 130°-140° | 346.4  | 5.1       |
| 140°-150° | 261.3  | 3.8       |
| 150°-160° | 184.0  | 2.7       |
| 160°-170° | 108.4  | 1.6       |
| 170°-180° | 35.3   | 0.5       |
| 0°-30°    | 1293.2 | 19.0      |
| 0°-40°    | 2139.8 | 31.4      |
| 0°-60°    | 3471.6 | 51.0      |
| 0°-90°    | 4073.5 | 59.8      |
| 90°-120°  | 1368.9 | 20.1      |
| 90°-150°  | 2407.9 | 35.4      |
| 90°-180°  | 2736.0 | 40.2      |
| 0°-180°   | 6809.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 1572 | 1572 | 1572 | 1572 | 1572 |      |
| 5°   | 1568 | 1801 | 1568 | 1385 | 1568 | 149  |
| 15°  | 1502 | 2164 | 1492 | 1053 | 1502 | 424  |
| 25°  | 1373 | 2591 | 1358 | 846  | 1373 | 633  |
| 35°  | 1196 | 2150 | 1179 | 690  | 1196 | 745  |
| 45°  | 936  | 961  | 934  | 543  | 936  | 722  |
| 55°  | 661  | 528  | 659  | 406  | 661  | 592  |
| 65°  | 410  | 299  | 413  | 241  | 410  | 410  |
| 75°  | 200  | 139  | 200  | 126  | 200  | 214  |
| 85°  | 45   | 30   | 44   | 34   | 45   | 51   |
| 90°  | 1    | 17   | 1    | 17   | 1    | 5    |
| 95°  | 24   | 173  | 24   | 173  | 24   | 25   |
| 105° | 83   | 973  | 83   | 973  | 83   | 87   |
| 115° | 148  | 1084 | 148  | 1084 | 148  | 146  |
| 125° | 206  | 854  | 206  | 854  | 206  | 183  |
| 135° | 241  | 709  | 241  | 709  | 241  | 187  |
| 145° | 280  | 560  | 280  | 560  | 280  | 176  |
| 155° | 320  | 469  | 320  | 469  | 320  | 147  |
| 165° | 350  | 411  | 350  | 411  | 350  | 98   |
| 175° | 364  | 369  | 364  | 369  | 364  | 35   |
| 180° | 364  | 364  | 364  | 364  | 364  |      |

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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1571.7 | 1571.7 | 1571.7 | 1571.7 | 1571.7 | 1571.7 | 1571.7 | 1571.7 | 1571.7 | 1571.7 | 1571.7 |
| 2.5°   | 1573.0 | 1585.9 | 1589.8 | 1600.1 | 1611.7 | 1614.3 | 1620.8 | 1629.8 | 1634.9 | 1633.7 | 1633.7 |
| 5°     | 1567.8 | 1589.8 | 1605.3 | 1623.3 | 1645.3 | 1654.3 | 1662.0 | 1681.4 | 1696.9 | 1705.9 | 1721.4 |
| 7.5°   | 1558.8 | 1591.1 | 1616.9 | 1644.0 | 1677.5 | 1693.0 | 1709.8 | 1736.9 | 1765.3 | 1783.3 | 1800.1 |
| 10°    | 1544.6 | 1585.9 | 1622.0 | 1662.0 | 1707.2 | 1730.4 | 1751.1 | 1792.4 | 1827.2 | 1850.4 | 1889.2 |
| 12.5°  | 1524.0 | 1575.6 | 1625.9 | 1678.8 | 1735.6 | 1760.1 | 1788.5 | 1833.7 | 1882.7 | 1916.3 | 1948.5 |
| 15°    | 1502.0 | 1564.0 | 1618.2 | 1681.4 | 1749.8 | 1787.2 | 1823.3 | 1871.1 | 1915.0 | 1952.4 | 1989.8 |
| 17.5°  | 1476.2 | 1542.0 | 1609.1 | 1681.4 | 1758.8 | 1796.3 | 1827.2 | 1884.0 | 1930.5 | 1967.9 | 2001.4 |
| 20°    | 1445.3 | 1518.8 | 1594.9 | 1675.0 | 1753.7 | 1788.5 | 1818.2 | 1880.1 | 1921.4 | 1961.4 | 2009.2 |
| 22.5°  | 1411.7 | 1491.7 | 1573.0 | 1651.7 | 1729.1 | 1766.6 | 1801.4 | 1855.6 | 1900.8 | 1955.0 | 2016.9 |
| 25°    | 1373.0 | 1460.7 | 1543.3 | 1622.0 | 1695.6 | 1730.4 | 1761.4 | 1820.8 | 1884.0 | 1952.4 | 2022.1 |
| 27.5°  | 1334.3 | 1419.5 | 1499.5 | 1571.7 | 1651.7 | 1684.0 | 1715.0 | 1789.8 | 1864.6 | 1936.9 | 2032.4 |
| 30°    | 1291.7 | 1378.2 | 1447.8 | 1514.9 | 1592.4 | 1625.9 | 1664.6 | 1749.8 | 1835.0 | 1933.0 | 2049.2 |
| 32.5°  | 1244.0 | 1322.7 | 1387.2 | 1456.9 | 1526.6 | 1567.8 | 1616.9 | 1709.8 | 1807.9 | 1925.3 | 2073.7 |
| 35°    | 1196.2 | 1259.4 | 1318.8 | 1384.6 | 1468.5 | 1512.4 | 1560.1 | 1658.2 | 1780.8 | 1921.4 | 2094.3 |
| 37.5°  | 1135.6 | 1196.2 | 1242.7 | 1309.8 | 1396.2 | 1447.8 | 1495.6 | 1609.1 | 1748.5 | 1912.4 | 2093.0 |
| 40°    | 1073.6 | 1125.2 | 1169.1 | 1238.8 | 1333.0 | 1380.7 | 1432.4 | 1556.2 | 1715.0 | 1886.6 | 2062.1 |
| 42.5°  | 1006.5 | 1050.4 | 1098.1 | 1165.2 | 1256.9 | 1303.3 | 1362.7 | 1507.2 | 1668.5 | 1850.4 | 1982.1 |
| 45°    | 935.5  | 978.1  | 1018.1 | 1087.8 | 1179.4 | 1229.8 | 1294.3 | 1442.7 | 1611.7 | 1774.3 | 1853.0 |
| 47.5°  | 865.9  | 903.3  | 945.9  | 1006.5 | 1099.4 | 1154.9 | 1220.7 | 1379.4 | 1535.6 | 1672.4 | 1678.8 |
| 50°    | 798.8  | 828.4  | 864.6  | 926.5  | 1023.3 | 1076.2 | 1144.6 | 1293.0 | 1445.3 | 1539.5 | 1476.2 |
| 52.5°  | 729.1  | 756.2  | 793.6  | 847.8  | 938.1  | 1000.1 | 1059.4 | 1207.8 | 1335.6 | 1398.8 | 1282.7 |
| 55°    | 660.7  | 683.9  | 722.6  | 783.3  | 862.0  | 909.7  | 970.4  | 1108.5 | 1220.7 | 1222.0 | 1095.6 |
| 57.5°  | 593.6  | 614.2  | 646.5  | 700.7  | 774.2  | 829.7  | 885.2  | 1005.2 | 1081.4 | 1059.4 | 918.8  |
| 60°    | 534.2  | 547.1  | 576.8  | 629.7  | 698.1  | 738.1  | 797.5  | 898.1  | 948.5  | 908.4  | 757.5  |
| 62.5°  | 472.3  | 485.2  | 508.4  | 551.0  | 615.5  | 658.1  | 695.5  | 778.1  | 813.0  | 752.3  | 628.4  |
| 65°    | 410.4  | 425.8  | 442.6  | 476.2  | 536.8  | 565.2  | 598.8  | 659.4  | 692.9  | 622.0  | 514.9  |
| 67.5°  | 356.2  | 363.9  | 380.7  | 415.5  | 458.1  | 483.9  | 507.1  | 548.4  | 554.9  | 498.1  | 410.4  |
| 70°    | 305.8  | 308.4  | 323.9  | 344.5  | 376.8  | 392.3  | 411.6  | 436.2  | 436.2  | 389.7  | 320.0  |
| 72.5°  | 249.0  | 252.9  | 264.5  | 286.5  | 305.8  | 313.6  | 320.0  | 335.5  | 332.9  | 290.3  | 242.6  |
| 75°    | 200.0  | 202.6  | 211.6  | 222.0  | 229.7  | 243.9  | 249.0  | 246.5  | 245.2  | 209.0  | 181.9  |
| 77.5°  | 154.8  | 156.1  | 162.6  | 171.6  | 172.9  | 178.1  | 174.2  | 174.2  | 162.6  | 141.9  | 127.8  |
| 80°    | 113.6  | 114.8  | 117.4  | 120.0  | 120.0  | 120.0  | 120.0  | 113.6  | 105.8  | 92.9   | 89.0   |
| 82.5°  | 76.1   | 76.1   | 77.4   | 80.0   | 78.7   | 76.1   | 73.6   | 67.1   | 61.9   | 58.1   | 55.5   |
| 85°    | 45.2   | 45.2   | 46.5   | 45.2   | 40.0   | 38.7   | 36.1   | 34.8   | 33.6   | 32.3   | 32.3   |
| 87.5°  | 21.9   | 20.6   | 18.1   | 15.5   | 15.5   | 15.5   | 15.5   | 15.5   | 15.5   | 14.2   | 14.2   |
| 90°    | 0.7    | 1.5    | 2.9    | 4.4    | 5.9    | 6.6    | 7.3    | 8.1    | 9.5    | 10.3   | 11.7   |
| 92.5°  | 11.0   | 13.2   | 20.6   | 31.6   | 47.0   | 60.2   | 73.4   | 123.4  | 207.1  | 298.1  | 293.0  |
| 95°    | 24.2   | 25.0   | 30.8   | 38.9   | 55.1   | 71.6   | 88.1   | 166.7  | 328.2  | 530.9  | 650.6  |
| 97.5°  | 37.4   | 38.2   | 42.6   | 50.7   | 65.4   | 77.5   | 89.6   | 143.9  | 268.0  | 486.8  | 702.7  |
| 100°   | 51.4   | 52.9   | 55.8   | 63.9   | 77.8   | 88.8   | 99.9   | 142.5  | 237.9  | 423.0  | 663.1  |
| 102.5° | 66.8   | 67.6   | 69.8   | 78.6   | 91.1   | 101.7  | 112.3  | 149.1  | 225.4  | 374.5  | 593.3  |
| 105°   | 83.0   | 83.0   | 86.6   | 94.0   | 105.7  | 116.0  | 126.3  | 158.6  | 224.0  | 346.6  | 532.4  |
| 107.5° | 98.4   | 99.9   | 103.5  | 109.4  | 121.9  | 131.0  | 140.2  | 171.8  | 229.1  | 331.9  | 486.8  |
| 110°   | 115.3  | 116.8  | 119.7  | 126.3  | 137.3  | 146.9  | 156.4  | 186.5  | 237.2  | 326.0  | 456.7  |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 22.5° | 25°   | 30°   | 35°   | 40°   | 45°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 132.2 | 133.6 | 135.8 | 142.5 | 153.5 | 162.6 | 171.8 | 200.5 | 247.5 | 326.0 | 439.1 |
| 115°   | 148.3 | 149.8 | 152.0 | 158.6 | 169.6 | 178.8 | 188.0 | 215.1 | 257.7 | 328.2 | 427.4 |
| 117.5° | 163.0 | 165.2 | 167.4 | 174.0 | 186.5 | 195.3 | 204.1 | 229.8 | 269.5 | 331.9 | 420.7 |
| 120°   | 177.7 | 179.9 | 182.8 | 189.4 | 201.9 | 211.1 | 220.3 | 246.0 | 281.2 | 337.8 | 416.3 |
| 122.5° | 193.1 | 194.6 | 196.8 | 203.4 | 217.3 | 226.5 | 235.7 | 261.4 | 294.4 | 342.9 | 412.7 |
| 125°   | 205.6 | 207.1 | 210.7 | 217.3 | 231.3 | 240.8 | 250.4 | 274.6 | 306.2 | 348.8 | 409.7 |
| 127.5° | 215.9 | 218.1 | 222.5 | 230.6 | 245.3 | 254.8 | 264.3 | 287.8 | 317.2 | 355.4 | 408.3 |
| 130°   | 225.4 | 227.6 | 233.5 | 243.0 | 258.5 | 268.0 | 277.6 | 300.3 | 328.2 | 361.3 | 406.8 |
| 132.5° | 232.8 | 235.7 | 243.0 | 254.1 | 270.2 | 279.8 | 289.3 | 312.1 | 337.8 | 367.9 | 406.8 |
| 135°   | 240.8 | 243.8 | 252.6 | 264.3 | 279.8 | 289.7 | 299.6 | 322.4 | 346.6 | 373.8 | 406.8 |
| 137.5° | 251.1 | 253.3 | 261.4 | 273.2 | 288.6 | 298.8 | 309.1 | 329.7 | 353.2 | 379.6 | 407.5 |
| 140°   | 259.9 | 262.1 | 271.0 | 282.7 | 296.7 | 306.6 | 316.5 | 337.8 | 359.8 | 383.3 | 408.3 |
| 142.5° | 270.2 | 271.7 | 279.8 | 291.5 | 304.7 | 313.9 | 323.1 | 342.9 | 363.5 | 385.5 | 409.0 |
| 145°   | 280.5 | 282.0 | 289.3 | 299.6 | 312.8 | 321.2 | 329.7 | 348.8 | 367.1 | 387.0 | 408.3 |
| 147.5° | 291.5 | 292.2 | 298.9 | 308.4 | 320.1 | 327.8 | 335.6 | 352.5 | 369.3 | 387.7 | 406.8 |
| 150°   | 301.1 | 302.5 | 307.7 | 317.2 | 327.5 | 333.8 | 340.0 | 356.1 | 371.5 | 387.7 | 404.6 |
| 152.5° | 311.3 | 312.1 | 316.5 | 324.6 | 334.1 | 339.6 | 345.1 | 359.8 | 373.0 | 387.0 | 401.7 |
| 155°   | 320.1 | 320.1 | 324.6 | 331.9 | 339.2 | 344.4 | 349.5 | 362.0 | 373.8 | 385.5 | 398.0 |
| 157.5° | 328.2 | 328.2 | 331.9 | 338.5 | 345.1 | 349.2 | 353.2 | 364.2 | 374.5 | 384.0 | 394.3 |
| 160°   | 336.3 | 335.6 | 338.5 | 343.6 | 349.5 | 352.8 | 356.1 | 365.7 | 374.5 | 381.8 | 390.6 |
| 162.5° | 342.9 | 342.2 | 345.1 | 349.5 | 353.9 | 356.5 | 359.1 | 367.1 | 373.8 | 379.6 | 386.2 |
| 165°   | 349.5 | 348.1 | 350.3 | 353.9 | 356.9 | 359.1 | 361.3 | 367.1 | 373.0 | 377.4 | 381.8 |
| 167.5° | 353.9 | 353.2 | 354.7 | 356.9 | 359.1 | 360.6 | 362.0 | 367.1 | 371.5 | 373.8 | 377.4 |
| 170°   | 358.3 | 357.6 | 358.3 | 359.8 | 361.3 | 362.4 | 363.5 | 367.1 | 370.1 | 371.5 | 373.8 |
| 172.5° | 361.3 | 359.8 | 360.5 | 362.0 | 362.7 | 363.1 | 363.5 | 366.4 | 368.6 | 368.6 | 369.3 |
| 175°   | 363.5 | 362.0 | 362.7 | 363.5 | 363.5 | 363.5 | 363.5 | 365.7 | 367.1 | 366.4 | 366.4 |
| 177.5° | 364.9 | 363.5 | 363.5 | 364.2 | 363.5 | 363.5 | 363.5 | 364.9 | 365.7 | 364.2 | 364.2 |
| 180°   | 364.2 | 364.2 | 364.2 | 364.2 | 364.2 | 364.2 | 364.2 | 364.2 | 364.2 | 364.2 | 364.2 |

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**CANDELA DISTRIBUTION (continued):**

|        | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1571.7 | 1571.7 | 1571.7 | 1571.7 | 1571.7 | 1571.7 | 1571.7 | 1571.7 | 1571.7 | 1571.7 | 1571.7 |
| 2.5°   | 1640.1 | 1649.1 | 1656.9 | 1653.0 | 1668.5 | 1667.2 | 1669.8 | 1675.0 | 1676.2 | 1673.7 | 1668.5 |
| 5°     | 1729.1 | 1742.1 | 1764.0 | 1775.6 | 1773.0 | 1783.3 | 1788.5 | 1796.3 | 1804.0 | 1801.4 | 1801.4 |
| 7.5°   | 1828.5 | 1846.6 | 1868.5 | 1898.2 | 1902.1 | 1911.1 | 1926.6 | 1926.6 | 1935.6 | 1931.7 | 1930.5 |
| 10°    | 1915.0 | 1936.9 | 1971.7 | 1995.0 | 2005.3 | 2010.5 | 2025.9 | 2031.1 | 2041.4 | 2042.7 | 2042.7 |
| 12.5°  | 1985.9 | 2024.7 | 2047.9 | 2071.1 | 2076.3 | 2084.0 | 2095.6 | 2103.4 | 2107.2 | 2107.2 | 2103.4 |
| 15°    | 2023.4 | 2054.3 | 2081.4 | 2105.9 | 2120.1 | 2126.6 | 2138.2 | 2147.2 | 2152.4 | 2164.0 | 2166.6 |
| 17.5°  | 2038.8 | 2076.3 | 2120.1 | 2155.0 | 2179.5 | 2186.0 | 2209.2 | 2216.9 | 2227.2 | 2232.4 | 2238.9 |
| 20°    | 2060.8 | 2115.0 | 2167.9 | 2210.5 | 2233.7 | 2250.5 | 2275.0 | 2311.1 | 2321.4 | 2321.4 | 2317.6 |
| 22.5°  | 2080.1 | 2149.8 | 2222.1 | 2290.5 | 2309.8 | 2343.4 | 2388.5 | 2427.3 | 2442.7 | 2449.2 | 2444.0 |
| 25°    | 2103.4 | 2198.9 | 2293.1 | 2378.2 | 2431.1 | 2455.6 | 2516.3 | 2562.8 | 2580.8 | 2591.1 | 2593.7 |
| 27.5°  | 2143.4 | 2263.4 | 2383.4 | 2491.8 | 2546.0 | 2574.4 | 2637.6 | 2677.6 | 2699.5 | 2708.6 | 2702.1 |
| 30°    | 2188.5 | 2335.6 | 2475.0 | 2571.8 | 2607.9 | 2642.8 | 2684.1 | 2699.5 | 2694.4 | 2694.4 | 2713.7 |
| 32.5°  | 2235.0 | 2387.3 | 2511.1 | 2574.4 | 2587.3 | 2582.1 | 2565.3 | 2518.9 | 2491.8 | 2491.8 | 2508.6 |
| 35°    | 2260.8 | 2392.4 | 2455.6 | 2435.0 | 2384.7 | 2355.0 | 2263.4 | 2211.8 | 2153.7 | 2149.8 | 2169.2 |
| 37.5°  | 2246.6 | 2303.4 | 2277.6 | 2142.1 | 2073.7 | 2016.9 | 1873.7 | 1816.9 | 1774.3 | 1715.0 | 1806.6 |
| 40°    | 2147.2 | 2127.9 | 1993.7 | 1798.8 | 1722.7 | 1642.7 | 1529.1 | 1472.4 | 1413.0 | 1404.0 | 1425.9 |
| 42.5°  | 1979.5 | 1864.6 | 1668.5 | 1480.1 | 1402.7 | 1345.9 | 1259.4 | 1204.0 | 1166.5 | 1151.0 | 1176.9 |
| 45°    | 1770.4 | 1589.8 | 1393.6 | 1244.0 | 1158.8 | 1129.1 | 1050.4 | 1001.4 | 973.0  | 961.4  | 979.4  |
| 47.5°  | 1514.9 | 1333.0 | 1147.2 | 1020.7 | 970.4  | 940.7  | 887.8  | 845.2  | 820.7  | 813.0  | 820.7  |
| 50°    | 1286.5 | 1099.4 | 943.3  | 862.0  | 816.8  | 792.3  | 748.4  | 721.3  | 702.0  | 696.8  | 709.7  |
| 52.5°  | 1089.1 | 918.8  | 800.1  | 727.8  | 698.1  | 677.5  | 646.5  | 623.3  | 611.7  | 606.5  | 615.5  |
| 55°    | 912.3  | 774.2  | 678.8  | 616.8  | 594.9  | 582.0  | 554.9  | 542.0  | 529.1  | 527.8  | 536.8  |
| 57.5°  | 756.2  | 660.7  | 572.9  | 529.1  | 522.6  | 503.3  | 480.0  | 468.4  | 462.0  | 460.7  | 464.5  |
| 60°    | 629.7  | 544.6  | 491.6  | 452.9  | 443.9  | 428.4  | 415.5  | 407.8  | 400.0  | 397.4  | 400.0  |
| 62.5°  | 523.9  | 456.8  | 414.2  | 388.4  | 375.5  | 371.6  | 357.4  | 348.4  | 347.1  | 347.1  | 349.7  |
| 65°    | 432.3  | 375.5  | 348.4  | 327.8  | 318.7  | 314.9  | 304.5  | 298.1  | 299.4  | 299.4  | 300.7  |
| 67.5°  | 352.3  | 311.0  | 286.5  | 276.1  | 268.4  | 267.1  | 256.8  | 254.2  | 251.6  | 251.6  | 254.2  |
| 70°    | 280.0  | 254.2  | 236.1  | 231.0  | 229.7  | 220.7  | 216.8  | 215.5  | 211.6  | 212.9  | 212.9  |
| 72.5°  | 219.4  | 202.6  | 192.3  | 184.5  | 185.8  | 180.7  | 175.5  | 175.5  | 172.9  | 176.8  | 176.8  |
| 75°    | 162.6  | 154.8  | 147.1  | 144.5  | 147.1  | 144.5  | 140.7  | 139.4  | 140.7  | 139.4  | 139.4  |
| 77.5°  | 120.0  | 116.1  | 113.6  | 112.3  | 112.3  | 107.1  | 104.5  | 107.1  | 101.9  | 104.5  | 104.5  |
| 80°    | 83.9   | 78.7   | 77.4   | 74.8   | 76.1   | 72.3   | 73.6   | 71.0   | 71.0   | 71.0   | 71.0   |
| 82.5°  | 52.9   | 51.6   | 51.6   | 51.6   | 50.3   | 50.3   | 50.3   | 50.3   | 50.3   | 50.3   | 49.0   |
| 85°    | 32.3   | 31.0   | 31.0   | 31.0   | 29.7   | 29.7   | 29.7   | 29.7   | 29.7   | 29.7   | 29.7   |
| 87.5°  | 12.9   | 14.2   | 14.2   | 15.5   | 14.2   | 12.9   | 12.9   | 12.9   | 14.2   | 14.2   | 12.9   |
| 90°    | 12.5   | 13.2   | 14.0   | 14.7   | 15.4   | 16.2   | 16.2   | 16.2   | 16.9   | 16.9   | 16.9   |
| 92.5°  | 236.4  | 159.3  | 114.5  | 85.2   | 78.2   | 71.2   | 59.5   | 57.3   | 55.8   | 54.3   | 55.8   |
| 95°    | 636.6  | 528.0  | 416.3  | 326.0  | 295.2  | 264.3  | 212.2  | 190.2  | 184.3  | 172.6  | 184.3  |
| 97.5°  | 795.2  | 757.1  | 668.2  | 577.2  | 533.1  | 489.0  | 445.0  | 406.8  | 387.0  | 378.2  | 387.0  |
| 100°   | 846.6  | 903.2  | 867.2  | 791.6  | 753.4  | 715.2  | 664.5  | 611.7  | 584.5  | 572.7  | 584.5  |
| 102.5° | 815.8  | 952.4  | 989.1  | 962.7  | 939.9  | 917.1  | 862.1  | 828.3  | 798.2  | 790.1  | 798.2  |
| 105°   | 743.1  | 919.3  | 1019.9 | 1052.2 | 1048.2 | 1044.2 | 1020.7 | 996.4  | 981.7  | 972.9  | 981.7  |
| 107.5° | 674.1  | 851.8  | 984.7  | 1062.5 | 1078.6 | 1094.8 | 1101.4 | 1097.8 | 1090.4 | 1083.1 | 1090.4 |
| 110°   | 616.8  | 775.4  | 914.9  | 1018.5 | 1049.7 | 1080.9 | 1113.9 | 1127.9 | 1133.0 | 1133.0 | 1133.0 |



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CATALOG NUMBER: S125RDIP-B1090D850UB50-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 50°   | 55°   | 60°   | 65°   | 67.5° | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|
| 112.5° | 574.2 | 715.2 | 845.9 | 950.9 | 989.1 | 1027.3 | 1079.4 | 1105.8 | 1120.5 | 1127.1 | 1120.5 |
| 115°   | 545.6 | 666.7 | 780.5 | 881.1 | 921.2 | 961.2  | 1018.5 | 1053.7 | 1074.3 | 1083.8 | 1074.3 |
| 117.5° | 526.5 | 633.0 | 733.6 | 821.7 | 859.5 | 897.3  | 955.3  | 992.0  | 1012.6 | 1018.5 | 1012.6 |
| 120°   | 511.1 | 606.5 | 694.6 | 775.4 | 807.7 | 840.0  | 894.4  | 929.6  | 949.4  | 955.3  | 949.4  |
| 122.5° | 497.8 | 586.7 | 666.7 | 736.5 | 766.2 | 796.0  | 843.0  | 874.5  | 894.4  | 899.5  | 894.4  |
| 125°   | 486.1 | 567.6 | 642.5 | 706.4 | 732.8 | 759.3  | 800.4  | 830.5  | 846.6  | 854.0  | 846.6  |
| 127.5° | 475.1 | 547.8 | 619.0 | 679.2 | 704.2 | 729.1  | 766.6  | 793.8  | 809.2  | 812.1  | 809.2  |
| 130°   | 464.1 | 529.4 | 594.0 | 651.3 | 675.2 | 699.0  | 735.8  | 760.0  | 774.7  | 779.1  | 774.7  |
| 132.5° | 455.3 | 511.1 | 570.5 | 621.2 | 644.0 | 666.7  | 703.4  | 727.7  | 740.9  | 746.0  | 740.9  |
| 135°   | 448.7 | 495.6 | 546.3 | 593.3 | 614.2 | 635.2  | 667.5  | 691.7  | 704.9  | 709.3  | 704.9  |
| 137.5° | 442.0 | 481.7 | 524.3 | 564.7 | 583.0 | 601.4  | 630.8  | 653.5  | 666.0  | 671.1  | 666.0  |
| 140°   | 437.6 | 470.7 | 505.2 | 539.0 | 554.4 | 569.8  | 597.0  | 616.1  | 627.1  | 630.8  | 627.1  |
| 142.5° | 434.0 | 461.1 | 489.0 | 516.9 | 529.8 | 542.6  | 564.7  | 580.1  | 590.4  | 593.3  | 590.4  |
| 145°   | 430.3 | 453.1 | 475.8 | 498.6 | 508.5 | 518.4  | 536.0  | 548.5  | 556.6  | 559.5  | 556.6  |
| 147.5° | 426.6 | 445.0 | 464.1 | 482.4 | 490.1 | 497.8  | 512.5  | 522.8  | 528.0  | 529.4  | 528.0  |
| 150°   | 422.2 | 438.4 | 454.5 | 468.5 | 475.1 | 481.7  | 492.7  | 501.5  | 504.5  | 505.2  | 504.5  |
| 152.5° | 417.1 | 431.0 | 445.0 | 457.5 | 462.2 | 467.0  | 475.8  | 482.4  | 485.4  | 486.1  | 485.4  |
| 155°   | 411.2 | 423.7 | 435.4 | 445.7 | 449.8 | 453.8  | 461.1  | 466.3  | 468.5  | 469.2  | 468.5  |
| 157.5° | 406.1 | 416.3 | 426.6 | 434.7 | 438.0 | 441.3  | 447.2  | 451.6  | 453.8  | 453.8  | 453.8  |
| 160°   | 399.5 | 409.0 | 416.3 | 423.7 | 426.2 | 428.8  | 434.0  | 437.6  | 439.1  | 438.4  | 439.1  |
| 162.5° | 393.6 | 400.9 | 407.5 | 413.4 | 415.6 | 417.8  | 421.5  | 424.4  | 424.4  | 424.4  | 424.4  |
| 165°   | 387.7 | 393.6 | 398.7 | 403.1 | 405.0 | 406.8  | 409.7  | 411.2  | 411.2  | 411.2  | 411.2  |
| 167.5° | 381.8 | 386.2 | 389.9 | 393.6 | 395.0 | 396.5  | 398.0  | 399.5  | 398.7  | 398.7  | 398.7  |
| 170°   | 376.7 | 380.4 | 382.6 | 384.8 | 385.5 | 386.2  | 387.7  | 388.4  | 388.4  | 387.7  | 388.4  |
| 172.5° | 371.5 | 373.8 | 376.0 | 377.4 | 377.8 | 378.2  | 378.2  | 379.6  | 378.2  | 377.4  | 378.2  |
| 175°   | 367.1 | 369.3 | 369.3 | 370.8 | 370.8 | 370.8  | 370.8  | 371.5  | 370.1  | 369.3  | 370.1  |
| 177.5° | 364.9 | 365.7 | 366.4 | 366.4 | 366.4 | 366.4  | 365.7  | 366.4  | 364.2  | 364.2  | 364.2  |
| 180°   | 364.2 | 364.2 | 364.2 | 364.2 | 364.2 | 364.2  | 364.2  | 364.2  | 364.2  | 364.2  | 364.2  |

TEST NUMBER: P1028559

CATALOG NUMBER: S125RDIP-B1090D850UB50-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1571.7 | 1571.7 | 1571.7 | 1571.7 | 1571.7 | 1571.7 | 1571.7 | 1571.7 | 1571.7 | 1571.7 | 1571.7 |
| 2.5°   | 1675.0 | 1665.9 | 1669.8 | 1665.9 | 1662.0 | 1658.2 | 1649.1 | 1636.2 | 1625.9 | 1618.2 | 1616.9 |
| 5°     | 1804.0 | 1792.4 | 1784.6 | 1780.8 | 1773.0 | 1762.7 | 1745.9 | 1726.6 | 1703.3 | 1694.3 | 1676.2 |
| 7.5°   | 1922.7 | 1918.8 | 1900.8 | 1898.2 | 1893.0 | 1873.7 | 1845.3 | 1819.5 | 1789.8 | 1765.3 | 1742.1 |
| 10°    | 2035.0 | 2025.9 | 2013.0 | 1995.0 | 1992.4 | 1967.9 | 1940.8 | 1904.6 | 1865.9 | 1842.7 | 1801.4 |
| 12.5°  | 2104.7 | 2094.3 | 2080.1 | 2068.5 | 2062.1 | 2046.6 | 2009.2 | 1973.0 | 1938.2 | 1895.6 | 1859.5 |
| 15°    | 2155.0 | 2142.1 | 2116.3 | 2107.2 | 2099.5 | 2078.8 | 2051.8 | 2014.3 | 1967.9 | 1938.2 | 1886.6 |
| 17.5°  | 2223.4 | 2207.9 | 2182.1 | 2165.3 | 2151.1 | 2118.9 | 2080.1 | 2029.8 | 1985.9 | 1952.4 | 1905.9 |
| 20°    | 2302.1 | 2278.9 | 2245.3 | 2223.4 | 2202.7 | 2165.3 | 2111.1 | 2051.8 | 1988.5 | 1947.2 | 1899.5 |
| 22.5°  | 2432.4 | 2388.5 | 2335.6 | 2304.7 | 2276.3 | 2211.8 | 2147.2 | 2073.7 | 2002.7 | 1940.8 | 1882.7 |
| 25°    | 2558.9 | 2515.0 | 2449.2 | 2406.6 | 2362.7 | 2287.9 | 2202.7 | 2100.8 | 2010.5 | 1938.2 | 1862.1 |
| 27.5°  | 2676.3 | 2631.1 | 2570.5 | 2518.9 | 2476.3 | 2364.0 | 2251.8 | 2136.9 | 2022.1 | 1922.7 | 1845.3 |
| 30°    | 2703.4 | 2684.1 | 2637.6 | 2592.4 | 2553.7 | 2450.5 | 2320.2 | 2174.3 | 2036.3 | 1908.5 | 1822.1 |
| 32.5°  | 2539.5 | 2587.3 | 2598.9 | 2592.4 | 2567.9 | 2494.4 | 2374.4 | 2220.8 | 2056.9 | 1902.1 | 1783.3 |
| 35°    | 2198.9 | 2285.3 | 2374.4 | 2422.1 | 2445.3 | 2455.6 | 2384.7 | 2244.0 | 2071.1 | 1891.7 | 1757.5 |
| 37.5°  | 1823.3 | 1907.2 | 2047.9 | 2118.9 | 2197.6 | 2300.8 | 2329.2 | 2238.9 | 2064.7 | 1884.0 | 1716.2 |
| 40°    | 1498.2 | 1605.3 | 1721.4 | 1785.9 | 1854.3 | 2040.1 | 2180.8 | 2170.5 | 2044.0 | 1855.6 | 1684.0 |
| 42.5°  | 1219.4 | 1286.5 | 1388.5 | 1459.5 | 1543.3 | 1751.1 | 1939.5 | 2032.4 | 1982.1 | 1820.8 | 1642.7 |
| 45°    | 1016.8 | 1068.5 | 1140.7 | 1213.0 | 1264.6 | 1453.0 | 1676.2 | 1828.5 | 1876.3 | 1758.8 | 1579.5 |
| 47.5°  | 856.8  | 895.5  | 958.8  | 1003.9 | 1059.4 | 1207.8 | 1401.4 | 1615.6 | 1716.2 | 1671.1 | 1512.4 |
| 50°    | 734.2  | 765.2  | 815.5  | 843.9  | 893.0  | 1020.7 | 1167.8 | 1392.4 | 1544.6 | 1549.8 | 1423.3 |
| 52.5°  | 627.1  | 658.1  | 700.7  | 725.2  | 754.9  | 841.3  | 989.7  | 1179.4 | 1354.9 | 1419.5 | 1321.4 |
| 55°    | 545.8  | 563.9  | 598.8  | 618.1  | 645.2  | 729.1  | 823.3  | 984.6  | 1167.8 | 1273.6 | 1211.7 |
| 57.5°  | 471.0  | 490.4  | 512.3  | 527.8  | 547.1  | 614.2  | 699.4  | 820.7  | 1002.6 | 1117.5 | 1096.8 |
| 60°    | 410.4  | 422.0  | 442.6  | 454.2  | 472.3  | 516.2  | 575.5  | 696.8  | 841.3  | 949.7  | 961.4  |
| 62.5°  | 353.6  | 363.9  | 378.1  | 388.4  | 400.0  | 434.9  | 478.7  | 565.2  | 691.7  | 809.1  | 824.6  |
| 65°    | 304.5  | 313.6  | 321.3  | 330.3  | 339.4  | 361.3  | 398.7  | 465.8  | 563.9  | 673.6  | 707.1  |
| 67.5°  | 260.7  | 263.2  | 274.9  | 276.1  | 281.3  | 298.1  | 325.2  | 379.4  | 450.4  | 538.1  | 582.0  |
| 70°    | 218.1  | 223.2  | 225.8  | 229.7  | 234.9  | 246.5  | 268.4  | 296.8  | 349.7  | 420.7  | 462.0  |
| 72.5°  | 176.8  | 178.1  | 181.9  | 184.5  | 189.7  | 198.7  | 209.0  | 231.0  | 264.5  | 316.2  | 353.6  |
| 75°    | 140.7  | 141.9  | 144.5  | 145.8  | 149.7  | 152.3  | 157.4  | 172.9  | 196.1  | 227.1  | 254.2  |
| 77.5°  | 105.8  | 108.4  | 111.0  | 111.0  | 112.3  | 114.8  | 117.4  | 122.6  | 134.2  | 154.8  | 178.1  |
| 80°    | 72.3   | 73.6   | 73.6   | 74.8   | 73.6   | 77.4   | 81.3   | 87.7   | 92.9   | 99.4   | 111.0  |
| 82.5°  | 50.3   | 50.3   | 50.3   | 51.6   | 51.6   | 52.9   | 52.9   | 54.2   | 55.5   | 59.4   | 64.5   |
| 85°    | 31.0   | 31.0   | 32.3   | 29.7   | 31.0   | 32.3   | 32.3   | 31.0   | 32.3   | 33.6   | 34.8   |
| 87.5°  | 12.9   | 12.9   | 14.2   | 14.2   | 14.2   | 14.2   | 12.9   | 14.2   | 12.9   | 14.2   | 14.2   |
| 90°    | 16.2   | 16.2   | 16.2   | 15.4   | 14.7   | 14.0   | 13.2   | 12.5   | 11.7   | 10.3   | 9.5    |
| 92.5°  | 57.3   | 59.5   | 71.2   | 78.2   | 85.2   | 114.5  | 159.3  | 236.4  | 293.0  | 298.1  | 207.1  |
| 95°    | 190.2  | 212.2  | 264.3  | 295.2  | 326.0  | 416.3  | 528.0  | 636.6  | 650.6  | 530.9  | 328.2  |
| 97.5°  | 406.8  | 445.0  | 489.0  | 533.1  | 577.2  | 668.2  | 757.1  | 795.2  | 702.7  | 486.8  | 268.0  |
| 100°   | 611.7  | 664.5  | 715.2  | 753.4  | 791.6  | 867.2  | 903.2  | 846.6  | 663.1  | 423.0  | 237.9  |
| 102.5° | 828.3  | 862.1  | 917.1  | 939.9  | 962.7  | 989.1  | 952.4  | 815.8  | 593.3  | 374.5  | 225.4  |
| 105°   | 996.4  | 1020.7 | 1044.2 | 1048.2 | 1052.2 | 1019.9 | 919.3  | 743.1  | 532.4  | 346.6  | 224.0  |
| 107.5° | 1097.8 | 1101.4 | 1094.8 | 1078.6 | 1062.5 | 984.7  | 851.8  | 674.1  | 486.8  | 331.9  | 229.1  |
| 110°   | 1127.9 | 1113.9 | 1080.9 | 1049.7 | 1018.5 | 914.9  | 775.4  | 616.8  | 456.7  | 326.0  | 237.2  |

TEST NUMBER: P1028559

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**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  |
|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 1105.8 | 1079.4 | 1027.3 | 989.1  | 950.9 | 845.9 | 715.2 | 574.2 | 439.1 | 326.0 | 247.5 |
| 115°   | 1053.7 | 1018.5 | 961.2  | 921.2  | 881.1 | 780.5 | 666.7 | 545.6 | 427.4 | 328.2 | 257.7 |
| 117.5° | 992.0  | 955.3  | 897.3  | 859.5  | 821.7 | 733.6 | 633.0 | 526.5 | 420.7 | 331.9 | 269.5 |
| 120°   | 929.6  | 894.4  | 840.0  | 807.7  | 775.4 | 694.6 | 606.5 | 511.1 | 416.3 | 337.8 | 281.2 |
| 122.5° | 874.5  | 843.0  | 796.0  | 766.2  | 736.5 | 666.7 | 586.7 | 497.8 | 412.7 | 342.9 | 294.4 |
| 125°   | 830.5  | 800.4  | 759.3  | 732.8  | 706.4 | 642.5 | 567.6 | 486.1 | 409.7 | 348.8 | 306.2 |
| 127.5° | 793.8  | 766.6  | 729.1  | 704.2  | 679.2 | 619.0 | 547.8 | 475.1 | 408.3 | 355.4 | 317.2 |
| 130°   | 760.0  | 735.8  | 699.0  | 675.2  | 651.3 | 594.0 | 529.4 | 464.1 | 406.8 | 361.3 | 328.2 |
| 132.5° | 727.7  | 703.4  | 666.7  | 644.0  | 621.2 | 570.5 | 511.1 | 455.3 | 406.8 | 367.9 | 337.8 |
| 135°   | 691.7  | 667.5  | 635.2  | 614.2  | 593.3 | 546.3 | 495.6 | 448.7 | 406.8 | 373.8 | 346.6 |
| 137.5° | 653.5  | 630.8  | 601.4  | 583.0  | 564.7 | 524.3 | 481.7 | 442.0 | 407.5 | 379.6 | 353.2 |
| 140°   | 616.1  | 597.0  | 569.8  | 554.4  | 539.0 | 505.2 | 470.7 | 437.6 | 408.3 | 383.3 | 359.8 |
| 142.5° | 580.1  | 564.7  | 542.6  | 529.8  | 516.9 | 489.0 | 461.1 | 434.0 | 409.0 | 385.5 | 363.5 |
| 145°   | 548.5  | 536.0  | 518.4  | 508.5  | 498.6 | 475.8 | 453.1 | 430.3 | 408.3 | 387.0 | 367.1 |
| 147.5° | 522.8  | 512.5  | 497.8  | 490.1  | 482.4 | 464.1 | 445.0 | 426.6 | 406.8 | 387.7 | 369.3 |
| 150°   | 501.5  | 492.7  | 481.7  | 475.1  | 468.5 | 454.5 | 438.4 | 422.2 | 404.6 | 387.7 | 371.5 |
| 152.5° | 482.4  | 475.8  | 467.0  | 462.2  | 457.5 | 445.0 | 431.0 | 417.1 | 401.7 | 387.0 | 373.0 |
| 155°   | 466.3  | 461.1  | 453.8  | 449.8  | 445.7 | 435.4 | 423.7 | 411.2 | 398.0 | 385.5 | 373.8 |
| 157.5° | 451.6  | 447.2  | 441.3  | 438.0  | 434.7 | 426.6 | 416.3 | 406.1 | 394.3 | 384.0 | 374.5 |
| 160°   | 437.6  | 434.0  | 428.8  | 426.2  | 423.7 | 416.3 | 409.0 | 399.5 | 390.6 | 381.8 | 374.5 |
| 162.5° | 424.4  | 421.5  | 417.8  | 415.6  | 413.4 | 407.5 | 400.9 | 393.6 | 386.2 | 379.6 | 373.8 |
| 165°   | 411.2  | 409.7  | 406.8  | 405.0  | 403.1 | 398.7 | 393.6 | 387.7 | 381.8 | 377.4 | 373.0 |
| 167.5° | 399.5  | 398.0  | 396.5  | 395.0  | 393.6 | 389.9 | 386.2 | 381.8 | 377.4 | 373.8 | 371.5 |
| 170°   | 388.4  | 387.7  | 386.2  | 385.5  | 384.8 | 382.6 | 380.4 | 376.7 | 373.8 | 371.5 | 370.1 |
| 172.5° | 379.6  | 378.2  | 378.2  | 377.8  | 377.4 | 376.0 | 373.8 | 371.5 | 369.3 | 368.6 | 368.6 |
| 175°   | 371.5  | 370.8  | 370.8  | 370.8  | 370.8 | 369.3 | 369.3 | 367.1 | 366.4 | 366.4 | 367.1 |
| 177.5° | 366.4  | 365.7  | 366.4  | 366.4  | 366.4 | 366.4 | 365.7 | 364.9 | 364.2 | 364.2 | 365.7 |
| 180°   | 364.2  | 364.2  | 364.2  | 364.2  | 364.2 | 364.2 | 364.2 | 364.2 | 364.2 | 364.2 | 364.2 |

TEST NUMBER: P1028559

CATALOG NUMBER: S125RDIP-B1090D850UB50-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1571.7 | 1571.7 | 1571.7 | 1571.7 | 1571.7 | 1571.7 | 1571.7 | 1571.7 | 1571.7 | 1571.7 | 1571.7 |
| 2.5°   | 1613.0 | 1605.3 | 1600.1 | 1598.8 | 1591.1 | 1584.6 | 1576.9 | 1575.6 | 1571.7 | 1561.4 | 1554.9 |
| 5°     | 1663.3 | 1645.3 | 1641.4 | 1629.8 | 1610.4 | 1596.2 | 1578.2 | 1567.8 | 1556.2 | 1536.9 | 1521.4 |
| 7.5°   | 1715.0 | 1690.4 | 1672.4 | 1655.6 | 1628.5 | 1602.7 | 1576.9 | 1556.2 | 1535.6 | 1507.2 | 1484.0 |
| 10°    | 1765.3 | 1727.9 | 1705.9 | 1681.4 | 1644.0 | 1605.3 | 1569.1 | 1539.5 | 1505.9 | 1472.4 | 1438.8 |
| 12.5°  | 1811.7 | 1764.0 | 1731.7 | 1696.9 | 1650.4 | 1602.7 | 1556.2 | 1514.9 | 1480.1 | 1434.9 | 1397.5 |
| 15°    | 1840.1 | 1787.2 | 1755.0 | 1721.4 | 1651.7 | 1598.8 | 1544.6 | 1491.7 | 1445.3 | 1397.5 | 1362.7 |
| 17.5°  | 1856.9 | 1797.5 | 1761.4 | 1730.4 | 1659.5 | 1587.2 | 1517.5 | 1460.7 | 1410.4 | 1353.6 | 1307.2 |
| 20°    | 1849.2 | 1791.1 | 1757.5 | 1727.9 | 1645.3 | 1573.0 | 1498.2 | 1432.4 | 1369.1 | 1311.1 | 1262.0 |
| 22.5°  | 1832.4 | 1771.7 | 1734.3 | 1707.2 | 1633.7 | 1548.5 | 1465.9 | 1394.9 | 1329.1 | 1271.1 | 1215.6 |
| 25°    | 1796.3 | 1736.9 | 1704.6 | 1671.1 | 1598.8 | 1517.5 | 1433.6 | 1357.5 | 1287.8 | 1225.9 | 1163.9 |
| 27.5°  | 1764.0 | 1691.7 | 1658.2 | 1628.5 | 1552.4 | 1480.1 | 1397.5 | 1313.6 | 1242.7 | 1178.1 | 1116.2 |
| 30°    | 1726.6 | 1645.3 | 1609.1 | 1569.1 | 1500.7 | 1432.4 | 1349.8 | 1272.3 | 1198.8 | 1130.4 | 1071.0 |
| 32.5°  | 1686.6 | 1592.4 | 1551.1 | 1505.9 | 1436.2 | 1371.7 | 1302.0 | 1225.9 | 1152.3 | 1085.2 | 1023.3 |
| 35°    | 1634.9 | 1534.3 | 1486.6 | 1444.0 | 1371.7 | 1307.2 | 1242.7 | 1179.4 | 1105.9 | 1034.9 | 975.5  |
| 37.5°  | 1585.9 | 1474.9 | 1424.6 | 1375.6 | 1299.4 | 1237.5 | 1184.6 | 1125.2 | 1054.3 | 985.9  | 929.1  |
| 40°    | 1530.4 | 1402.7 | 1351.1 | 1305.9 | 1227.2 | 1158.8 | 1111.0 | 1064.6 | 1002.6 | 936.8  | 874.9  |
| 42.5°  | 1480.1 | 1335.6 | 1281.4 | 1234.9 | 1152.3 | 1087.8 | 1042.7 | 1003.9 | 949.7  | 889.1  | 825.9  |
| 45°    | 1410.4 | 1263.3 | 1207.8 | 1158.8 | 1074.9 | 1014.3 | 967.8  | 934.3  | 891.7  | 834.9  | 778.1  |
| 47.5°  | 1345.9 | 1193.6 | 1133.0 | 1073.6 | 997.5  | 935.5  | 893.0  | 867.2  | 838.8  | 788.4  | 730.4  |
| 50°    | 1267.2 | 1113.6 | 1051.7 | 1002.6 | 916.2  | 863.3  | 820.7  | 802.6  | 776.8  | 729.1  | 682.6  |
| 52.5°  | 1182.0 | 1036.2 | 978.1  | 918.8  | 838.8  | 787.1  | 749.7  | 729.1  | 708.4  | 673.6  | 629.7  |
| 55°    | 1082.7 | 949.7  | 895.5  | 842.6  | 762.6  | 714.9  | 681.3  | 659.4  | 647.8  | 615.5  | 583.3  |
| 57.5°  | 987.2  | 862.0  | 811.7  | 762.6  | 692.9  | 638.8  | 616.8  | 597.5  | 580.7  | 557.5  | 530.4  |
| 60°    | 890.4  | 776.8  | 722.6  | 678.8  | 618.1  | 569.1  | 551.0  | 531.6  | 518.7  | 500.7  | 481.3  |
| 62.5°  | 779.4  | 682.6  | 641.3  | 600.0  | 548.4  | 509.7  | 489.1  | 473.6  | 456.8  | 445.2  | 428.4  |
| 65°    | 662.0  | 593.6  | 553.6  | 522.6  | 473.6  | 438.7  | 423.3  | 412.9  | 398.7  | 387.1  | 374.2  |
| 67.5°  | 552.3  | 498.1  | 481.3  | 447.8  | 410.4  | 379.4  | 367.8  | 354.9  | 343.2  | 336.8  | 325.2  |
| 70°    | 446.5  | 407.8  | 391.0  | 382.0  | 340.7  | 320.0  | 309.7  | 304.5  | 290.3  | 283.9  | 276.1  |
| 72.5°  | 345.8  | 331.6  | 320.0  | 308.4  | 281.3  | 268.4  | 256.8  | 251.6  | 241.3  | 236.1  | 233.6  |
| 75°    | 255.5  | 246.5  | 240.0  | 238.7  | 227.1  | 214.2  | 202.6  | 200.0  | 192.3  | 187.1  | 184.5  |
| 77.5°  | 179.4  | 176.8  | 175.5  | 176.8  | 169.0  | 161.3  | 158.7  | 156.1  | 147.1  | 145.8  | 145.8  |
| 80°    | 117.4  | 123.9  | 123.9  | 122.6  | 120.0  | 118.7  | 114.8  | 112.3  | 107.1  | 105.8  | 107.1  |
| 82.5°  | 72.3   | 76.1   | 77.4   | 80.0   | 78.7   | 77.4   | 74.8   | 73.6   | 74.8   | 72.3   | 73.6   |
| 85°    | 36.1   | 38.7   | 43.9   | 43.9   | 45.2   | 45.2   | 45.2   | 43.9   | 41.3   | 42.6   | 41.3   |
| 87.5°  | 14.2   | 15.5   | 15.5   | 15.5   | 14.2   | 18.1   | 19.4   | 19.4   | 19.4   | 16.8   | 16.8   |
| 90°    | 8.1    | 7.3    | 6.6    | 5.9    | 4.4    | 2.9    | 1.5    | 0.7    | 1.5    | 2.9    | 4.4    |
| 92.5°  | 123.4  | 73.4   | 60.2   | 47.0   | 31.6   | 20.6   | 13.2   | 11.0   | 13.2   | 20.6   | 31.6   |
| 95°    | 166.7  | 88.1   | 71.6   | 55.1   | 38.9   | 30.8   | 25.0   | 24.2   | 25.0   | 30.8   | 38.9   |
| 97.5°  | 143.9  | 89.6   | 77.5   | 65.4   | 50.7   | 42.6   | 38.2   | 37.4   | 38.2   | 42.6   | 50.7   |
| 100°   | 142.5  | 99.9   | 88.8   | 77.8   | 63.9   | 55.8   | 52.9   | 51.4   | 52.9   | 55.8   | 63.9   |
| 102.5° | 149.1  | 112.3  | 101.7  | 91.1   | 78.6   | 69.8   | 67.6   | 66.8   | 67.6   | 69.8   | 78.6   |
| 105°   | 158.6  | 126.3  | 116.0  | 105.7  | 94.0   | 86.6   | 83.0   | 83.0   | 83.0   | 86.6   | 94.0   |
| 107.5° | 171.8  | 140.2  | 131.0  | 121.9  | 109.4  | 103.5  | 99.9   | 98.4   | 99.9   | 103.5  | 109.4  |
| 110°   | 186.5  | 156.4  | 146.9  | 137.3  | 126.3  | 119.7  | 116.8  | 115.3  | 116.8  | 119.7  | 126.3  |

TEST NUMBER: P1028559

CATALOG NUMBER: S125RDIP-B1090D850UB50-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 150°  | 155°  | 157.5° | 160°  | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  |
|--------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 200.5 | 171.8 | 162.6  | 153.5 | 142.5 | 135.8 | 133.6 | 132.2 | 133.6 | 135.8 | 142.5 |
| 115°   | 215.1 | 188.0 | 178.8  | 169.6 | 158.6 | 152.0 | 149.8 | 148.3 | 149.8 | 152.0 | 158.6 |
| 117.5° | 229.8 | 204.1 | 195.3  | 186.5 | 174.0 | 167.4 | 165.2 | 163.0 | 165.2 | 167.4 | 174.0 |
| 120°   | 246.0 | 220.3 | 211.1  | 201.9 | 189.4 | 182.8 | 179.9 | 177.7 | 179.9 | 182.8 | 189.4 |
| 122.5° | 261.4 | 235.7 | 226.5  | 217.3 | 203.4 | 196.8 | 194.6 | 193.1 | 194.6 | 196.8 | 203.4 |
| 125°   | 274.6 | 250.4 | 240.8  | 231.3 | 217.3 | 210.7 | 207.1 | 205.6 | 207.1 | 210.7 | 217.3 |
| 127.5° | 287.8 | 264.3 | 254.8  | 245.3 | 230.6 | 222.5 | 218.1 | 215.9 | 218.1 | 222.5 | 230.6 |
| 130°   | 300.3 | 277.6 | 268.0  | 258.5 | 243.0 | 233.5 | 227.6 | 225.4 | 227.6 | 233.5 | 243.0 |
| 132.5° | 312.1 | 289.3 | 279.8  | 270.2 | 254.1 | 243.0 | 235.7 | 232.8 | 235.7 | 243.0 | 254.1 |
| 135°   | 322.4 | 299.6 | 289.7  | 279.8 | 264.3 | 252.6 | 243.8 | 240.8 | 243.8 | 252.6 | 264.3 |
| 137.5° | 329.7 | 309.1 | 298.8  | 288.6 | 273.2 | 261.4 | 253.3 | 251.1 | 253.3 | 261.4 | 273.2 |
| 140°   | 337.8 | 316.5 | 306.6  | 296.7 | 282.7 | 271.0 | 262.1 | 259.9 | 262.1 | 271.0 | 282.7 |
| 142.5° | 342.9 | 323.1 | 313.9  | 304.7 | 291.5 | 279.8 | 271.7 | 270.2 | 271.7 | 279.8 | 291.5 |
| 145°   | 348.8 | 329.7 | 321.2  | 312.8 | 299.6 | 289.3 | 282.0 | 280.5 | 282.0 | 289.3 | 299.6 |
| 147.5° | 352.5 | 335.6 | 327.8  | 320.1 | 308.4 | 298.9 | 292.2 | 291.5 | 292.2 | 298.9 | 308.4 |
| 150°   | 356.1 | 340.0 | 333.8  | 327.5 | 317.2 | 307.7 | 302.5 | 301.1 | 302.5 | 307.7 | 317.2 |
| 152.5° | 359.8 | 345.1 | 339.6  | 334.1 | 324.6 | 316.5 | 312.1 | 311.3 | 312.1 | 316.5 | 324.6 |
| 155°   | 362.0 | 349.5 | 344.4  | 339.2 | 331.9 | 324.6 | 320.1 | 320.1 | 320.1 | 324.6 | 331.9 |
| 157.5° | 364.2 | 353.2 | 349.2  | 345.1 | 338.5 | 331.9 | 328.2 | 328.2 | 328.2 | 331.9 | 338.5 |
| 160°   | 365.7 | 356.1 | 352.8  | 349.5 | 343.6 | 338.5 | 335.6 | 336.3 | 335.6 | 338.5 | 343.6 |
| 162.5° | 367.1 | 359.1 | 356.5  | 353.9 | 349.5 | 345.1 | 342.2 | 342.9 | 342.2 | 345.1 | 349.5 |
| 165°   | 367.1 | 361.3 | 359.1  | 356.9 | 353.9 | 350.3 | 348.1 | 349.5 | 348.1 | 350.3 | 353.9 |
| 167.5° | 367.1 | 362.0 | 360.6  | 359.1 | 356.9 | 354.7 | 353.2 | 353.9 | 353.2 | 354.7 | 356.9 |
| 170°   | 367.1 | 363.5 | 362.4  | 361.3 | 359.8 | 358.3 | 357.6 | 358.3 | 357.6 | 358.3 | 359.8 |
| 172.5° | 366.4 | 363.5 | 363.1  | 362.7 | 362.0 | 360.5 | 359.8 | 361.3 | 359.8 | 360.5 | 362.0 |
| 175°   | 365.7 | 363.5 | 363.5  | 363.5 | 363.5 | 362.7 | 362.0 | 363.5 | 362.0 | 362.7 | 363.5 |
| 177.5° | 364.9 | 363.5 | 363.5  | 363.5 | 364.2 | 363.5 | 363.5 | 364.9 | 363.5 | 363.5 | 364.2 |
| 180°   | 364.2 | 364.2 | 364.2  | 364.2 | 364.2 | 364.2 | 364.2 | 364.2 | 364.2 | 364.2 | 364.2 |

TEST NUMBER: P1028559

CATALOG NUMBER: S125RDIP-B1090D850UB50-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 200°   | 202.5° | 205°   | 210°   | 215°   | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1571.7 | 1571.7 | 1571.7 | 1571.7 | 1571.7 | 1571.7 | 1571.7 | 1571.7 | 1571.7 | 1571.7 | 1571.7 |
| 2.5°   | 1551.1 | 1545.9 | 1542.0 | 1538.2 | 1521.4 | 1503.3 | 1500.7 | 1496.9 | 1489.1 | 1498.2 | 1494.3 |
| 5°     | 1511.1 | 1499.5 | 1493.0 | 1476.2 | 1455.6 | 1440.1 | 1427.2 | 1411.7 | 1405.3 | 1400.1 | 1398.8 |
| 7.5°   | 1462.0 | 1451.7 | 1440.1 | 1423.3 | 1397.5 | 1371.7 | 1352.3 | 1336.9 | 1324.0 | 1317.5 | 1317.5 |
| 10°    | 1414.3 | 1401.4 | 1385.9 | 1357.5 | 1333.0 | 1300.7 | 1280.1 | 1264.6 | 1246.5 | 1236.2 | 1227.2 |
| 12.5°  | 1365.3 | 1351.1 | 1336.9 | 1300.7 | 1272.3 | 1238.8 | 1209.1 | 1189.8 | 1180.7 | 1169.1 | 1153.6 |
| 15°    | 1316.2 | 1294.3 | 1280.1 | 1244.0 | 1207.8 | 1174.3 | 1154.9 | 1134.3 | 1113.6 | 1102.0 | 1096.8 |
| 17.5°  | 1264.6 | 1249.1 | 1225.9 | 1187.2 | 1147.2 | 1117.5 | 1089.1 | 1069.7 | 1045.2 | 1033.6 | 1022.0 |
| 20°    | 1218.1 | 1194.9 | 1171.7 | 1133.0 | 1094.3 | 1054.3 | 1025.9 | 1002.6 | 987.2  | 978.1  | 967.8  |
| 22.5°  | 1162.7 | 1140.7 | 1121.4 | 1080.1 | 1037.5 | 1000.1 | 969.1  | 954.9  | 939.4  | 925.2  | 914.9  |
| 25°    | 1114.9 | 1093.0 | 1073.6 | 1028.5 | 982.0  | 947.2  | 923.9  | 905.9  | 889.1  | 882.6  | 872.3  |
| 27.5°  | 1064.6 | 1043.9 | 1018.1 | 973.0  | 931.7  | 902.0  | 877.5  | 860.7  | 847.8  | 834.9  | 827.2  |
| 30°    | 1016.8 | 993.6  | 970.4  | 921.4  | 887.8  | 858.1  | 834.9  | 814.2  | 803.9  | 797.5  | 784.6  |
| 32.5°  | 970.4  | 940.7  | 921.4  | 876.2  | 843.9  | 815.5  | 796.2  | 778.1  | 765.2  | 753.6  | 743.3  |
| 35°    | 920.1  | 887.8  | 868.4  | 831.0  | 797.5  | 769.1  | 752.3  | 739.4  | 723.9  | 713.6  | 708.4  |
| 37.5°  | 872.3  | 845.2  | 825.9  | 787.1  | 753.6  | 730.4  | 712.3  | 695.5  | 689.1  | 674.9  | 672.3  |
| 40°    | 820.7  | 797.5  | 779.4  | 742.0  | 711.0  | 692.9  | 673.6  | 658.1  | 646.5  | 640.0  | 631.0  |
| 42.5°  | 774.2  | 754.9  | 735.5  | 700.7  | 671.0  | 649.1  | 634.9  | 620.7  | 610.4  | 600.0  | 593.6  |
| 45°    | 731.7  | 711.0  | 692.9  | 659.4  | 629.7  | 610.4  | 596.2  | 579.4  | 576.8  | 562.6  | 556.2  |
| 47.5°  | 686.5  | 668.4  | 652.9  | 618.1  | 591.0  | 571.7  | 554.9  | 543.3  | 531.6  | 526.5  | 517.5  |
| 50°    | 642.6  | 624.6  | 606.5  | 575.5  | 551.0  | 531.6  | 514.9  | 502.0  | 495.5  | 487.8  | 480.0  |
| 52.5°  | 594.9  | 580.7  | 566.5  | 534.2  | 509.7  | 492.9  | 478.7  | 462.0  | 455.5  | 449.1  | 443.9  |
| 55°    | 554.9  | 534.2  | 518.7  | 491.6  | 469.7  | 451.6  | 436.2  | 423.3  | 416.8  | 411.6  | 405.2  |
| 57.5°  | 500.7  | 487.8  | 474.9  | 450.4  | 429.7  | 411.6  | 396.2  | 385.8  | 378.1  | 374.2  | 375.5  |
| 60°    | 454.2  | 440.0  | 432.3  | 406.5  | 385.8  | 371.6  | 357.4  | 347.1  | 339.4  | 335.5  | 334.2  |
| 62.5°  | 405.2  | 394.9  | 380.7  | 362.6  | 342.0  | 329.1  | 318.7  | 311.0  | 298.1  | 296.8  | 292.9  |
| 65°    | 357.4  | 349.7  | 336.8  | 320.0  | 303.2  | 291.6  | 280.0  | 269.7  | 264.5  | 258.1  | 254.2  |
| 67.5°  | 311.0  | 303.2  | 291.6  | 277.4  | 265.8  | 254.2  | 243.9  | 233.6  | 224.5  | 219.4  | 216.8  |
| 70°    | 265.8  | 259.4  | 251.6  | 234.9  | 220.7  | 211.6  | 203.9  | 197.4  | 188.4  | 185.8  | 184.5  |
| 72.5°  | 222.0  | 215.5  | 211.6  | 197.4  | 184.5  | 176.8  | 169.0  | 162.6  | 158.7  | 157.4  | 153.6  |
| 75°    | 181.9  | 175.5  | 170.3  | 157.4  | 149.7  | 144.5  | 136.8  | 134.2  | 130.3  | 129.0  | 127.8  |
| 77.5°  | 141.9  | 135.5  | 134.2  | 125.2  | 116.1  | 113.6  | 111.0  | 105.8  | 105.8  | 105.8  | 103.2  |
| 80°    | 101.9  | 100.7  | 99.4   | 90.3   | 86.5   | 83.9   | 82.6   | 78.7   | 76.1   | 73.6   | 72.3   |
| 82.5°  | 68.4   | 67.1   | 65.8   | 61.9   | 58.1   | 56.8   | 55.5   | 52.9   | 52.9   | 54.2   | 51.6   |
| 85°    | 41.3   | 38.7   | 37.4   | 36.1   | 33.6   | 33.6   | 34.8   | 33.6   | 33.6   | 33.6   | 32.3   |
| 87.5°  | 15.5   | 15.5   | 15.5   | 15.5   | 16.8   | 14.2   | 15.5   | 15.5   | 14.2   | 14.2   | 12.9   |
| 90°    | 5.9    | 6.6    | 7.3    | 8.1    | 9.5    | 10.3   | 11.7   | 12.5   | 13.2   | 14.0   | 14.7   |
| 92.5°  | 47.0   | 60.2   | 73.4   | 123.4  | 207.1  | 298.1  | 293.0  | 236.4  | 159.3  | 114.5  | 85.2   |
| 95°    | 55.1   | 71.6   | 88.1   | 166.7  | 328.2  | 530.9  | 650.6  | 636.6  | 528.0  | 416.3  | 326.0  |
| 97.5°  | 65.4   | 77.5   | 89.6   | 143.9  | 268.0  | 486.8  | 702.7  | 795.2  | 757.1  | 668.2  | 577.2  |
| 100°   | 77.8   | 88.8   | 99.9   | 142.5  | 237.9  | 423.0  | 663.1  | 846.6  | 903.2  | 867.2  | 791.6  |
| 102.5° | 91.1   | 101.7  | 112.3  | 149.1  | 225.4  | 374.5  | 593.3  | 815.8  | 952.4  | 989.1  | 962.7  |
| 105°   | 105.7  | 116.0  | 126.3  | 158.6  | 224.0  | 346.6  | 532.4  | 743.1  | 919.3  | 1019.9 | 1052.2 |
| 107.5° | 121.9  | 131.0  | 140.2  | 171.8  | 229.1  | 331.9  | 486.8  | 674.1  | 851.8  | 984.7  | 1062.5 |
| 110°   | 137.3  | 146.9  | 156.4  | 186.5  | 237.2  | 326.0  | 456.7  | 616.8  | 775.4  | 914.9  | 1018.5 |

TEST NUMBER: P1028559

CATALOG NUMBER: S125RDIP-B1090D850UB50-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 200°  | 202.5° | 205°  | 210°  | 215°  | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  |
|--------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 153.5 | 162.6  | 171.8 | 200.5 | 247.5 | 326.0 | 439.1 | 574.2 | 715.2 | 845.9 | 950.9 |
| 115°   | 169.6 | 178.8  | 188.0 | 215.1 | 257.7 | 328.2 | 427.4 | 545.6 | 666.7 | 780.5 | 881.1 |
| 117.5° | 186.5 | 195.3  | 204.1 | 229.8 | 269.5 | 331.9 | 420.7 | 526.5 | 633.0 | 733.6 | 821.7 |
| 120°   | 201.9 | 211.1  | 220.3 | 246.0 | 281.2 | 337.8 | 416.3 | 511.1 | 606.5 | 694.6 | 775.4 |
| 122.5° | 217.3 | 226.5  | 235.7 | 261.4 | 294.4 | 342.9 | 412.7 | 497.8 | 586.7 | 666.7 | 736.5 |
| 125°   | 231.3 | 240.8  | 250.4 | 274.6 | 306.2 | 348.8 | 409.7 | 486.1 | 567.6 | 642.5 | 706.4 |
| 127.5° | 245.3 | 254.8  | 264.3 | 287.8 | 317.2 | 355.4 | 408.3 | 475.1 | 547.8 | 619.0 | 679.2 |
| 130°   | 258.5 | 268.0  | 277.6 | 300.3 | 328.2 | 361.3 | 406.8 | 464.1 | 529.4 | 594.0 | 651.3 |
| 132.5° | 270.2 | 279.8  | 289.3 | 312.1 | 337.8 | 367.9 | 406.8 | 455.3 | 511.1 | 570.5 | 621.2 |
| 135°   | 279.8 | 289.7  | 299.6 | 322.4 | 346.6 | 373.8 | 406.8 | 448.7 | 495.6 | 546.3 | 593.3 |
| 137.5° | 288.6 | 298.8  | 309.1 | 329.7 | 353.2 | 379.6 | 407.5 | 442.0 | 481.7 | 524.3 | 564.7 |
| 140°   | 296.7 | 306.6  | 316.5 | 337.8 | 359.8 | 383.3 | 408.3 | 437.6 | 470.7 | 505.2 | 539.0 |
| 142.5° | 304.7 | 313.9  | 323.1 | 342.9 | 363.5 | 385.5 | 409.0 | 434.0 | 461.1 | 489.0 | 516.9 |
| 145°   | 312.8 | 321.2  | 329.7 | 348.8 | 367.1 | 387.0 | 408.3 | 430.3 | 453.1 | 475.8 | 498.6 |
| 147.5° | 320.1 | 327.8  | 335.6 | 352.5 | 369.3 | 387.7 | 406.8 | 426.6 | 445.0 | 464.1 | 482.4 |
| 150°   | 327.5 | 333.8  | 340.0 | 356.1 | 371.5 | 387.7 | 404.6 | 422.2 | 438.4 | 454.5 | 468.5 |
| 152.5° | 334.1 | 339.6  | 345.1 | 359.8 | 373.0 | 387.0 | 401.7 | 417.1 | 431.0 | 445.0 | 457.5 |
| 155°   | 339.2 | 344.4  | 349.5 | 362.0 | 373.8 | 385.5 | 398.0 | 411.2 | 423.7 | 435.4 | 445.7 |
| 157.5° | 345.1 | 349.2  | 353.2 | 364.2 | 374.5 | 384.0 | 394.3 | 406.1 | 416.3 | 426.6 | 434.7 |
| 160°   | 349.5 | 352.8  | 356.1 | 365.7 | 374.5 | 381.8 | 390.6 | 399.5 | 409.0 | 416.3 | 423.7 |
| 162.5° | 353.9 | 356.5  | 359.1 | 367.1 | 373.8 | 379.6 | 386.2 | 393.6 | 400.9 | 407.5 | 413.4 |
| 165°   | 356.9 | 359.1  | 361.3 | 367.1 | 373.0 | 377.4 | 381.8 | 387.7 | 393.6 | 398.7 | 403.1 |
| 167.5° | 359.1 | 360.6  | 362.0 | 367.1 | 371.5 | 373.8 | 377.4 | 381.8 | 386.2 | 389.9 | 393.6 |
| 170°   | 361.3 | 362.4  | 363.5 | 367.1 | 370.1 | 371.5 | 373.8 | 376.7 | 380.4 | 382.6 | 384.8 |
| 172.5° | 362.7 | 363.1  | 363.5 | 366.4 | 368.6 | 368.6 | 369.3 | 371.5 | 373.8 | 376.0 | 377.4 |
| 175°   | 363.5 | 363.5  | 363.5 | 365.7 | 367.1 | 366.4 | 366.4 | 367.1 | 369.3 | 369.3 | 370.8 |
| 177.5° | 363.5 | 363.5  | 363.5 | 364.9 | 365.7 | 364.2 | 364.2 | 364.9 | 365.7 | 366.4 | 366.4 |
| 180°   | 364.2 | 364.2  | 364.2 | 364.2 | 364.2 | 364.2 | 364.2 | 364.2 | 364.2 | 364.2 | 364.2 |



TEST NUMBER: P1028559

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**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1571.7 | 1571.7 | 1571.7 | 1571.7 | 1571.7 | 1571.7 | 1571.7 | 1571.7 | 1571.7 | 1571.7 | 1571.7 |
| 2.5°   | 1487.8 | 1490.4 | 1484.0 | 1481.4 | 1476.2 | 1482.7 | 1484.0 | 1482.7 | 1494.3 | 1489.1 | 1491.7 |
| 5°     | 1401.4 | 1396.2 | 1392.4 | 1383.3 | 1383.3 | 1384.6 | 1388.5 | 1382.0 | 1385.9 | 1394.9 | 1393.6 |
| 7.5°   | 1305.9 | 1303.3 | 1304.6 | 1294.3 | 1286.5 | 1289.1 | 1286.5 | 1298.2 | 1304.6 | 1302.0 | 1307.2 |
| 10°    | 1219.4 | 1224.6 | 1213.0 | 1207.8 | 1202.7 | 1207.8 | 1206.5 | 1209.1 | 1216.9 | 1222.0 | 1231.1 |
| 12.5°  | 1149.8 | 1148.5 | 1142.0 | 1136.9 | 1127.8 | 1130.4 | 1138.1 | 1135.6 | 1136.9 | 1148.5 | 1147.2 |
| 15°    | 1083.9 | 1076.2 | 1071.0 | 1059.4 | 1062.0 | 1053.0 | 1060.7 | 1069.7 | 1073.6 | 1083.9 | 1090.4 |
| 17.5°  | 1018.1 | 1016.8 | 1010.4 | 1009.1 | 994.9  | 991.0  | 998.8  | 1001.4 | 1005.2 | 1010.4 | 1019.4 |
| 20°    | 962.6  | 961.4  | 952.3  | 949.7  | 938.1  | 945.9  | 943.3  | 948.5  | 951.0  | 961.4  | 965.2  |
| 22.5°  | 912.3  | 905.9  | 903.3  | 899.4  | 895.5  | 894.3  | 899.4  | 898.1  | 907.2  | 911.0  | 912.3  |
| 25°    | 865.9  | 860.7  | 859.4  | 853.0  | 850.4  | 846.5  | 850.4  | 854.3  | 864.6  | 868.4  | 873.6  |
| 27.5°  | 823.3  | 819.4  | 816.8  | 811.7  | 807.8  | 807.8  | 810.4  | 815.5  | 819.4  | 822.0  | 824.6  |
| 30°    | 784.6  | 782.0  | 774.2  | 771.7  | 767.8  | 767.8  | 767.8  | 770.4  | 776.8  | 784.6  | 788.4  |
| 32.5°  | 744.6  | 739.4  | 734.2  | 734.2  | 730.4  | 730.4  | 731.7  | 734.2  | 740.7  | 742.0  | 748.4  |
| 35°    | 705.9  | 700.7  | 696.8  | 694.2  | 695.5  | 690.4  | 692.9  | 696.8  | 704.6  | 707.1  | 711.0  |
| 37.5°  | 668.4  | 667.1  | 659.4  | 655.5  | 658.1  | 658.1  | 656.8  | 659.4  | 664.6  | 669.7  | 672.3  |
| 40°    | 627.1  | 624.6  | 624.6  | 620.7  | 622.0  | 616.8  | 620.7  | 623.3  | 625.8  | 631.0  | 634.9  |
| 42.5°  | 591.0  | 588.4  | 583.3  | 584.6  | 580.7  | 580.7  | 583.3  | 584.6  | 588.4  | 594.9  | 597.5  |
| 45°    | 552.3  | 552.3  | 549.7  | 545.8  | 547.1  | 543.3  | 545.8  | 547.1  | 552.3  | 558.7  | 556.2  |
| 47.5°  | 514.9  | 513.6  | 513.6  | 508.4  | 511.0  | 507.1  | 511.0  | 512.3  | 514.9  | 518.7  | 517.5  |
| 50°    | 478.7  | 474.9  | 476.2  | 474.9  | 473.6  | 473.6  | 476.2  | 476.2  | 478.7  | 478.7  | 482.6  |
| 52.5°  | 441.3  | 441.3  | 438.7  | 440.0  | 442.6  | 440.0  | 443.9  | 440.0  | 442.6  | 443.9  | 446.5  |
| 55°    | 407.8  | 405.2  | 406.5  | 405.2  | 410.4  | 406.5  | 410.4  | 407.8  | 410.4  | 409.1  | 411.6  |
| 57.5°  | 371.6  | 367.8  | 369.1  | 367.8  | 371.6  | 370.3  | 374.2  | 370.3  | 371.6  | 372.9  | 376.8  |
| 60°    | 330.3  | 330.3  | 330.3  | 327.8  | 331.6  | 331.6  | 330.3  | 330.3  | 335.5  | 338.1  | 336.8  |
| 62.5°  | 291.6  | 290.3  | 286.5  | 285.2  | 286.5  | 283.9  | 289.1  | 287.8  | 290.3  | 292.9  | 295.5  |
| 65°    | 249.0  | 246.5  | 245.2  | 242.6  | 242.6  | 241.3  | 242.6  | 247.8  | 249.0  | 250.3  | 256.8  |
| 67.5°  | 214.2  | 212.9  | 211.6  | 207.8  | 207.8  | 210.3  | 210.3  | 210.3  | 218.1  | 214.2  | 219.4  |
| 70°    | 183.2  | 180.7  | 178.1  | 176.8  | 176.8  | 178.1  | 179.4  | 180.7  | 179.4  | 184.5  | 185.8  |
| 72.5°  | 153.6  | 154.8  | 152.3  | 152.3  | 152.3  | 151.0  | 151.0  | 153.6  | 154.8  | 153.6  | 154.8  |
| 75°    | 127.8  | 127.8  | 126.5  | 127.8  | 127.8  | 126.5  | 126.5  | 129.0  | 129.0  | 127.8  | 131.6  |
| 77.5°  | 103.2  | 101.9  | 99.4   | 96.8   | 98.1   | 96.8   | 98.1   | 96.8   | 100.7  | 104.5  | 101.9  |
| 80°    | 72.3   | 71.0   | 71.0   | 71.0   | 72.3   | 71.0   | 73.6   | 71.0   | 72.3   | 72.3   | 73.6   |
| 82.5°  | 51.6   | 52.9   | 52.9   | 51.6   | 52.9   | 51.6   | 52.9   | 52.9   | 52.9   | 51.6   | 52.9   |
| 85°    | 33.6   | 33.6   | 33.6   | 33.6   | 32.3   | 33.6   | 33.6   | 33.6   | 34.8   | 33.6   | 34.8   |
| 87.5°  | 14.2   | 14.2   | 14.2   | 14.2   | 14.2   | 14.2   | 14.2   | 14.2   | 15.5   | 14.2   | 15.5   |
| 90°    | 15.4   | 16.2   | 16.2   | 16.2   | 16.9   | 16.9   | 16.9   | 16.2   | 16.2   | 16.2   | 15.4   |
| 92.5°  | 78.2   | 71.2   | 59.5   | 57.3   | 55.8   | 54.3   | 55.8   | 57.3   | 59.5   | 71.2   | 78.2   |
| 95°    | 295.2  | 264.3  | 212.2  | 190.2  | 184.3  | 172.6  | 184.3  | 190.2  | 212.2  | 264.3  | 295.2  |
| 97.5°  | 533.1  | 489.0  | 445.0  | 406.8  | 387.0  | 378.2  | 387.0  | 406.8  | 445.0  | 489.0  | 533.1  |
| 100°   | 753.4  | 715.2  | 664.5  | 611.7  | 584.5  | 572.7  | 584.5  | 611.7  | 664.5  | 715.2  | 753.4  |
| 102.5° | 939.9  | 917.1  | 862.1  | 828.3  | 798.2  | 790.1  | 798.2  | 828.3  | 862.1  | 917.1  | 939.9  |
| 105°   | 1048.2 | 1044.2 | 1020.7 | 996.4  | 981.7  | 972.9  | 981.7  | 996.4  | 1020.7 | 1044.2 | 1048.2 |
| 107.5° | 1078.6 | 1094.8 | 1101.4 | 1097.8 | 1090.4 | 1083.1 | 1090.4 | 1097.8 | 1101.4 | 1094.8 | 1078.6 |
| 110°   | 1049.7 | 1080.9 | 1113.9 | 1127.9 | 1133.0 | 1133.0 | 1133.0 | 1127.9 | 1113.9 | 1080.9 | 1049.7 |



TEST NUMBER: P1028559

CATALOG NUMBER: S125RDIP-B1090D850UB50-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 989.1  | 1027.3 | 1079.4 | 1105.8 | 1120.5 | 1127.1 | 1120.5 | 1105.8 | 1079.4 | 1027.3 | 989.1  |
| 115°   | 921.2  | 961.2  | 1018.5 | 1053.7 | 1074.3 | 1083.8 | 1074.3 | 1053.7 | 1018.5 | 961.2  | 921.2  |
| 117.5° | 859.5  | 897.3  | 955.3  | 992.0  | 1012.6 | 1018.5 | 1012.6 | 992.0  | 955.3  | 897.3  | 859.5  |
| 120°   | 807.7  | 840.0  | 894.4  | 929.6  | 949.4  | 955.3  | 949.4  | 929.6  | 894.4  | 840.0  | 807.7  |
| 122.5° | 766.2  | 796.0  | 843.0  | 874.5  | 894.4  | 899.5  | 894.4  | 874.5  | 843.0  | 796.0  | 766.2  |
| 125°   | 732.8  | 759.3  | 800.4  | 830.5  | 846.6  | 854.0  | 846.6  | 830.5  | 800.4  | 759.3  | 732.8  |
| 127.5° | 704.2  | 729.1  | 766.6  | 793.8  | 809.2  | 812.1  | 809.2  | 793.8  | 766.6  | 729.1  | 704.2  |
| 130°   | 675.2  | 699.0  | 735.8  | 760.0  | 774.7  | 779.1  | 774.7  | 760.0  | 735.8  | 699.0  | 675.2  |
| 132.5° | 644.0  | 666.7  | 703.4  | 727.7  | 740.9  | 746.0  | 740.9  | 727.7  | 703.4  | 666.7  | 644.0  |
| 135°   | 614.2  | 635.2  | 667.5  | 691.7  | 704.9  | 709.3  | 704.9  | 691.7  | 667.5  | 635.2  | 614.2  |
| 137.5° | 583.0  | 601.4  | 630.8  | 653.5  | 666.0  | 671.1  | 666.0  | 653.5  | 630.8  | 601.4  | 583.0  |
| 140°   | 554.4  | 569.8  | 597.0  | 616.1  | 627.1  | 630.8  | 627.1  | 616.1  | 597.0  | 569.8  | 554.4  |
| 142.5° | 529.8  | 542.6  | 564.7  | 580.1  | 590.4  | 593.3  | 590.4  | 580.1  | 564.7  | 542.6  | 529.8  |
| 145°   | 508.5  | 518.4  | 536.0  | 548.5  | 556.6  | 559.5  | 556.6  | 548.5  | 536.0  | 518.4  | 508.5  |
| 147.5° | 490.1  | 497.8  | 512.5  | 522.8  | 528.0  | 529.4  | 528.0  | 522.8  | 512.5  | 497.8  | 490.1  |
| 150°   | 475.1  | 481.7  | 492.7  | 501.5  | 504.5  | 505.2  | 504.5  | 501.5  | 492.7  | 481.7  | 475.1  |
| 152.5° | 462.2  | 467.0  | 475.8  | 482.4  | 485.4  | 486.1  | 485.4  | 482.4  | 475.8  | 467.0  | 462.2  |
| 155°   | 449.8  | 453.8  | 461.1  | 466.3  | 468.5  | 469.2  | 468.5  | 466.3  | 461.1  | 453.8  | 449.8  |
| 157.5° | 438.0  | 441.3  | 447.2  | 451.6  | 453.8  | 453.8  | 453.8  | 451.6  | 447.2  | 441.3  | 438.0  |
| 160°   | 426.2  | 428.8  | 434.0  | 437.6  | 439.1  | 438.4  | 439.1  | 437.6  | 434.0  | 428.8  | 426.2  |
| 162.5° | 415.6  | 417.8  | 421.5  | 424.4  | 424.4  | 424.4  | 424.4  | 424.4  | 421.5  | 417.8  | 415.6  |
| 165°   | 405.0  | 406.8  | 409.7  | 411.2  | 411.2  | 411.2  | 411.2  | 411.2  | 409.7  | 406.8  | 405.0  |
| 167.5° | 395.0  | 396.5  | 398.0  | 399.5  | 398.7  | 398.7  | 398.7  | 399.5  | 398.0  | 396.5  | 395.0  |
| 170°   | 385.5  | 386.2  | 387.7  | 388.4  | 388.4  | 387.7  | 388.4  | 388.4  | 387.7  | 386.2  | 385.5  |
| 172.5° | 377.8  | 378.2  | 378.2  | 379.6  | 378.2  | 377.4  | 378.2  | 379.6  | 378.2  | 378.2  | 377.8  |
| 175°   | 370.8  | 370.8  | 370.8  | 371.5  | 370.1  | 369.3  | 370.1  | 371.5  | 370.8  | 370.8  | 370.8  |
| 177.5° | 366.4  | 366.4  | 365.7  | 366.4  | 364.2  | 364.2  | 364.2  | 366.4  | 365.7  | 366.4  | 366.4  |
| 180°   | 364.2  | 364.2  | 364.2  | 364.2  | 364.2  | 364.2  | 364.2  | 364.2  | 364.2  | 364.2  | 364.2  |

TEST NUMBER: P1028559

CATALOG NUMBER: S125RDIP-B1090D850UB50-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 337.5° | 340°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1571.7 | 1571.7 | 1571.7 | 1571.7 | 1571.7 | 1571.7 | 1571.7 | 1571.7 | 1571.7 | 1571.7 | 1571.7 |
| 2.5°   | 1486.6 | 1493.0 | 1487.8 | 1484.0 | 1494.3 | 1499.5 | 1499.5 | 1508.5 | 1517.5 | 1525.3 | 1526.6 |
| 5°     | 1394.9 | 1405.3 | 1407.8 | 1406.5 | 1422.0 | 1429.8 | 1446.5 | 1455.6 | 1468.5 | 1477.5 | 1487.8 |
| 7.5°   | 1311.1 | 1325.3 | 1326.5 | 1329.1 | 1352.3 | 1365.3 | 1379.4 | 1402.7 | 1420.7 | 1433.6 | 1445.3 |
| 10°    | 1227.2 | 1236.2 | 1245.2 | 1256.9 | 1280.1 | 1302.0 | 1322.7 | 1347.2 | 1370.4 | 1383.3 | 1400.1 |
| 12.5°  | 1163.9 | 1170.4 | 1180.7 | 1188.5 | 1213.0 | 1232.3 | 1259.4 | 1293.0 | 1326.5 | 1336.9 | 1357.5 |
| 15°    | 1098.1 | 1102.0 | 1122.7 | 1130.4 | 1151.0 | 1183.3 | 1200.1 | 1232.3 | 1268.5 | 1287.8 | 1311.1 |
| 17.5°  | 1022.0 | 1045.2 | 1058.1 | 1067.2 | 1093.0 | 1118.8 | 1145.9 | 1179.4 | 1225.9 | 1244.0 | 1260.7 |
| 20°    | 967.8  | 984.6  | 998.8  | 1010.4 | 1033.6 | 1072.3 | 1096.8 | 1123.9 | 1167.8 | 1188.5 | 1213.0 |
| 22.5°  | 920.1  | 934.3  | 947.2  | 960.1  | 975.5  | 1010.4 | 1038.8 | 1076.2 | 1120.1 | 1139.4 | 1167.8 |
| 25°    | 874.9  | 889.1  | 896.8  | 912.3  | 933.0  | 957.5  | 991.0  | 1024.6 | 1068.5 | 1090.4 | 1117.5 |
| 27.5°  | 831.0  | 845.2  | 859.4  | 872.3  | 886.5  | 909.7  | 933.0  | 975.5  | 1020.7 | 1046.5 | 1069.7 |
| 30°    | 793.6  | 800.1  | 813.0  | 827.2  | 841.3  | 863.3  | 890.4  | 920.1  | 971.7  | 994.9  | 1023.3 |
| 32.5°  | 752.3  | 763.9  | 773.0  | 783.3  | 801.3  | 819.4  | 843.9  | 881.3  | 922.6  | 944.6  | 975.5  |
| 35°    | 713.6  | 723.9  | 730.4  | 748.4  | 760.1  | 779.4  | 803.9  | 837.5  | 872.3  | 896.8  | 923.9  |
| 37.5°  | 676.2  | 686.5  | 694.2  | 704.6  | 720.0  | 736.8  | 762.6  | 787.1  | 828.4  | 849.1  | 880.1  |
| 40°    | 637.5  | 646.5  | 655.5  | 667.1  | 681.3  | 702.0  | 717.5  | 748.4  | 782.0  | 805.2  | 828.4  |
| 42.5°  | 600.0  | 605.2  | 615.5  | 628.4  | 642.6  | 660.7  | 682.6  | 707.1  | 740.7  | 761.3  | 782.0  |
| 45°    | 560.0  | 569.1  | 580.7  | 589.7  | 602.6  | 620.7  | 640.0  | 662.0  | 695.5  | 716.2  | 738.1  |
| 47.5°  | 522.6  | 529.1  | 536.8  | 551.0  | 567.8  | 580.7  | 601.3  | 622.0  | 652.9  | 672.3  | 692.9  |
| 50°    | 483.9  | 490.4  | 502.0  | 511.0  | 523.9  | 540.7  | 560.0  | 582.0  | 611.7  | 624.6  | 645.2  |
| 52.5°  | 447.8  | 450.4  | 462.0  | 471.0  | 483.9  | 503.3  | 518.7  | 538.1  | 566.5  | 580.7  | 601.3  |
| 55°    | 411.6  | 414.2  | 420.7  | 429.7  | 443.9  | 459.4  | 476.2  | 498.1  | 522.6  | 535.5  | 554.9  |
| 57.5°  | 374.2  | 376.8  | 383.3  | 389.7  | 403.9  | 418.1  | 437.4  | 455.5  | 480.0  | 491.6  | 509.7  |
| 60°    | 336.8  | 336.8  | 343.2  | 352.3  | 362.6  | 375.5  | 392.3  | 414.2  | 432.3  | 446.5  | 459.4  |
| 62.5°  | 296.8  | 300.7  | 304.5  | 311.0  | 322.6  | 338.1  | 352.3  | 367.8  | 389.7  | 400.0  | 411.6  |
| 65°    | 256.8  | 260.7  | 268.4  | 274.9  | 283.9  | 294.2  | 312.3  | 325.2  | 342.0  | 353.6  | 363.9  |
| 67.5°  | 222.0  | 225.8  | 231.0  | 238.7  | 245.2  | 256.8  | 269.7  | 282.6  | 300.7  | 308.4  | 316.2  |
| 70°    | 185.8  | 189.7  | 193.6  | 203.9  | 210.3  | 219.4  | 228.4  | 241.3  | 256.8  | 262.0  | 268.4  |
| 72.5°  | 157.4  | 158.7  | 163.9  | 166.5  | 175.5  | 183.2  | 193.6  | 201.3  | 212.9  | 219.4  | 224.5  |
| 75°    | 132.9  | 132.9  | 134.2  | 136.8  | 141.9  | 147.1  | 154.8  | 162.6  | 172.9  | 176.8  | 183.2  |
| 77.5°  | 104.5  | 108.4  | 107.1  | 109.7  | 112.3  | 114.8  | 121.3  | 126.5  | 136.8  | 139.4  | 141.9  |
| 80°    | 74.8   | 76.1   | 80.0   | 83.9   | 83.9   | 87.7   | 91.6   | 92.9   | 99.4   | 103.2  | 103.2  |
| 82.5°  | 54.2   | 55.5   | 54.2   | 55.5   | 56.8   | 58.1   | 61.9   | 67.1   | 67.1   | 68.4   | 71.0   |
| 85°    | 33.6   | 33.6   | 34.8   | 36.1   | 36.1   | 34.8   | 37.4   | 36.1   | 37.4   | 40.0   | 40.0   |
| 87.5°  | 16.8   | 15.5   | 15.5   | 15.5   | 15.5   | 15.5   | 16.8   | 15.5   | 16.8   | 16.8   | 16.8   |
| 90°    | 14.7   | 14.0   | 13.2   | 12.5   | 11.7   | 10.3   | 9.5    | 8.1    | 7.3    | 6.6    | 5.9    |
| 92.5°  | 85.2   | 114.5  | 159.3  | 236.4  | 293.0  | 298.1  | 207.1  | 123.4  | 73.4   | 60.2   | 47.0   |
| 95°    | 326.0  | 416.3  | 528.0  | 636.6  | 650.6  | 530.9  | 328.2  | 166.7  | 88.1   | 71.6   | 55.1   |
| 97.5°  | 577.2  | 668.2  | 757.1  | 795.2  | 702.7  | 486.8  | 268.0  | 143.9  | 89.6   | 77.5   | 65.4   |
| 100°   | 791.6  | 867.2  | 903.2  | 846.6  | 663.1  | 423.0  | 237.9  | 142.5  | 99.9   | 88.8   | 77.8   |
| 102.5° | 962.7  | 989.1  | 952.4  | 815.8  | 593.3  | 374.5  | 225.4  | 149.1  | 112.3  | 101.7  | 91.1   |
| 105°   | 1052.2 | 1019.9 | 919.3  | 743.1  | 532.4  | 346.6  | 224.0  | 158.6  | 126.3  | 116.0  | 105.7  |
| 107.5° | 1062.5 | 984.7  | 851.8  | 674.1  | 486.8  | 331.9  | 229.1  | 171.8  | 140.2  | 131.0  | 121.9  |
| 110°   | 1018.5 | 914.9  | 775.4  | 616.8  | 456.7  | 326.0  | 237.2  | 186.5  | 156.4  | 146.9  | 137.3  |

TEST NUMBER: P1028559

CATALOG NUMBER: S125RDIP-B1090D850UB50-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  | 330°  | 335°  | 337.5° | 340°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 112.5° | 950.9 | 845.9 | 715.2 | 574.2 | 439.1 | 326.0 | 247.5 | 200.5 | 171.8 | 162.6  | 153.5 |
| 115°   | 881.1 | 780.5 | 666.7 | 545.6 | 427.4 | 328.2 | 257.7 | 215.1 | 188.0 | 178.8  | 169.6 |
| 117.5° | 821.7 | 733.6 | 633.0 | 526.5 | 420.7 | 331.9 | 269.5 | 229.8 | 204.1 | 195.3  | 186.5 |
| 120°   | 775.4 | 694.6 | 606.5 | 511.1 | 416.3 | 337.8 | 281.2 | 246.0 | 220.3 | 211.1  | 201.9 |
| 122.5° | 736.5 | 666.7 | 586.7 | 497.8 | 412.7 | 342.9 | 294.4 | 261.4 | 235.7 | 226.5  | 217.3 |
| 125°   | 706.4 | 642.5 | 567.6 | 486.1 | 409.7 | 348.8 | 306.2 | 274.6 | 250.4 | 240.8  | 231.3 |
| 127.5° | 679.2 | 619.0 | 547.8 | 475.1 | 408.3 | 355.4 | 317.2 | 287.8 | 264.3 | 254.8  | 245.3 |
| 130°   | 651.3 | 594.0 | 529.4 | 464.1 | 406.8 | 361.3 | 328.2 | 300.3 | 277.6 | 268.0  | 258.5 |
| 132.5° | 621.2 | 570.5 | 511.1 | 455.3 | 406.8 | 367.9 | 337.8 | 312.1 | 289.3 | 279.8  | 270.2 |
| 135°   | 593.3 | 546.3 | 495.6 | 448.7 | 406.8 | 373.8 | 346.6 | 322.4 | 299.6 | 289.7  | 279.8 |
| 137.5° | 564.7 | 524.3 | 481.7 | 442.0 | 407.5 | 379.6 | 353.2 | 329.7 | 309.1 | 298.8  | 288.6 |
| 140°   | 539.0 | 505.2 | 470.7 | 437.6 | 408.3 | 383.3 | 359.8 | 337.8 | 316.5 | 306.6  | 296.7 |
| 142.5° | 516.9 | 489.0 | 461.1 | 434.0 | 409.0 | 385.5 | 363.5 | 342.9 | 323.1 | 313.9  | 304.7 |
| 145°   | 498.6 | 475.8 | 453.1 | 430.3 | 408.3 | 387.0 | 367.1 | 348.8 | 329.7 | 321.2  | 312.8 |
| 147.5° | 482.4 | 464.1 | 445.0 | 426.6 | 406.8 | 387.7 | 369.3 | 352.5 | 335.6 | 327.8  | 320.1 |
| 150°   | 468.5 | 454.5 | 438.4 | 422.2 | 404.6 | 387.7 | 371.5 | 356.1 | 340.0 | 333.8  | 327.5 |
| 152.5° | 457.5 | 445.0 | 431.0 | 417.1 | 401.7 | 387.0 | 373.0 | 359.8 | 345.1 | 339.6  | 334.1 |
| 155°   | 445.7 | 435.4 | 423.7 | 411.2 | 398.0 | 385.5 | 373.8 | 362.0 | 349.5 | 344.4  | 339.2 |
| 157.5° | 434.7 | 426.6 | 416.3 | 406.1 | 394.3 | 384.0 | 374.5 | 364.2 | 353.2 | 349.2  | 345.1 |
| 160°   | 423.7 | 416.3 | 409.0 | 399.5 | 390.6 | 381.8 | 374.5 | 365.7 | 356.1 | 352.8  | 349.5 |
| 162.5° | 413.4 | 407.5 | 400.9 | 393.6 | 386.2 | 379.6 | 373.8 | 367.1 | 359.1 | 356.5  | 353.9 |
| 165°   | 403.1 | 398.7 | 393.6 | 387.7 | 381.8 | 377.4 | 373.0 | 367.1 | 361.3 | 359.1  | 356.9 |
| 167.5° | 393.6 | 389.9 | 386.2 | 381.8 | 377.4 | 373.8 | 371.5 | 367.1 | 362.0 | 360.6  | 359.1 |
| 170°   | 384.8 | 382.6 | 380.4 | 376.7 | 373.8 | 371.5 | 370.1 | 367.1 | 363.5 | 362.4  | 361.3 |
| 172.5° | 377.4 | 376.0 | 373.8 | 371.5 | 369.3 | 368.6 | 368.6 | 366.4 | 363.5 | 363.1  | 362.7 |
| 175°   | 370.8 | 369.3 | 369.3 | 367.1 | 366.4 | 366.4 | 367.1 | 365.7 | 363.5 | 363.5  | 363.5 |
| 177.5° | 366.4 | 366.4 | 365.7 | 364.9 | 364.2 | 364.2 | 365.7 | 364.9 | 363.5 | 363.5  | 363.5 |
| 180°   | 364.2 | 364.2 | 364.2 | 364.2 | 364.2 | 364.2 | 364.2 | 364.2 | 364.2 | 364.2  | 364.2 |

TEST NUMBER: P1028559

CATALOG NUMBER: S125RDIP-B1090D850UB50-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|
| 0°     | 1571.7 | 1571.7 | 1571.7 | 1571.7 |
| 2.5°   | 1535.6 | 1547.2 | 1558.8 | 1573.0 |
| 5°     | 1504.6 | 1525.3 | 1547.2 | 1567.8 |
| 7.5°   | 1471.1 | 1500.7 | 1529.1 | 1558.8 |
| 10°    | 1433.6 | 1471.1 | 1503.3 | 1544.6 |
| 12.5°  | 1392.4 | 1432.4 | 1477.5 | 1524.0 |
| 15°    | 1351.1 | 1401.4 | 1449.1 | 1502.0 |
| 17.5°  | 1312.3 | 1360.1 | 1413.0 | 1476.2 |
| 20°    | 1265.9 | 1318.8 | 1378.2 | 1445.3 |
| 22.5°  | 1216.9 | 1274.9 | 1339.4 | 1411.7 |
| 25°    | 1175.6 | 1234.9 | 1296.9 | 1373.0 |
| 27.5°  | 1130.4 | 1192.3 | 1253.0 | 1334.3 |
| 30°    | 1078.8 | 1145.9 | 1207.8 | 1291.7 |
| 32.5°  | 1029.7 | 1096.8 | 1165.2 | 1244.0 |
| 35°    | 982.0  | 1047.8 | 1116.2 | 1196.2 |
| 37.5°  | 936.8  | 996.2  | 1063.3 | 1135.6 |
| 40°    | 894.3  | 948.5  | 1007.8 | 1073.6 |
| 42.5°  | 840.1  | 903.3  | 958.8  | 1006.5 |
| 45°    | 793.6  | 845.2  | 896.8  | 935.5  |
| 47.5°  | 739.4  | 791.0  | 834.9  | 865.9  |
| 50°    | 694.2  | 735.5  | 771.7  | 798.8  |
| 52.5°  | 640.0  | 678.8  | 708.4  | 729.1  |
| 55°    | 587.1  | 620.7  | 646.5  | 660.7  |
| 57.5°  | 539.4  | 561.3  | 580.7  | 593.6  |
| 60°    | 486.5  | 503.3  | 520.0  | 534.2  |
| 62.5°  | 429.7  | 447.8  | 456.8  | 472.3  |
| 65°    | 379.4  | 391.0  | 405.2  | 410.4  |
| 67.5°  | 330.3  | 336.8  | 345.8  | 356.2  |
| 70°    | 278.7  | 282.6  | 291.6  | 305.8  |
| 72.5°  | 233.6  | 237.4  | 243.9  | 249.0  |
| 75°    | 185.8  | 189.7  | 194.9  | 200.0  |
| 77.5°  | 145.8  | 147.1  | 149.7  | 154.8  |
| 80°    | 105.8  | 109.7  | 112.3  | 113.6  |
| 82.5°  | 73.6   | 74.8   | 74.8   | 76.1   |
| 85°    | 46.5   | 43.9   | 43.9   | 45.2   |
| 87.5°  | 16.8   | 19.4   | 19.4   | 21.9   |
| 90°    | 4.4    | 2.9    | 1.5    | 0.7    |
| 92.5°  | 31.6   | 20.6   | 13.2   | 11.0   |
| 95°    | 38.9   | 30.8   | 25.0   | 24.2   |
| 97.5°  | 50.7   | 42.6   | 38.2   | 37.4   |
| 100°   | 63.9   | 55.8   | 52.9   | 51.4   |
| 102.5° | 78.6   | 69.8   | 67.6   | 66.8   |
| 105°   | 94.0   | 86.6   | 83.0   | 83.0   |
| 107.5° | 109.4  | 103.5  | 99.9   | 98.4   |
| 110°   | 126.3  | 119.7  | 116.8  | 115.3  |

TEST NUMBER: P1028559

CATALOG NUMBER: S125RDIP-B1090D850UB50-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|
| 112.5° | 142.5 | 135.8 | 133.6 | 132.2 |
| 115°   | 158.6 | 152.0 | 149.8 | 148.3 |
| 117.5° | 174.0 | 167.4 | 165.2 | 163.0 |
| 120°   | 189.4 | 182.8 | 179.9 | 177.7 |
| 122.5° | 203.4 | 196.8 | 194.6 | 193.1 |
| 125°   | 217.3 | 210.7 | 207.1 | 205.6 |
| 127.5° | 230.6 | 222.5 | 218.1 | 215.9 |
| 130°   | 243.0 | 233.5 | 227.6 | 225.4 |
| 132.5° | 254.1 | 243.0 | 235.7 | 232.8 |
| 135°   | 264.3 | 252.6 | 243.8 | 240.8 |
| 137.5° | 273.2 | 261.4 | 253.3 | 251.1 |
| 140°   | 282.7 | 271.0 | 262.1 | 259.9 |
| 142.5° | 291.5 | 279.8 | 271.7 | 270.2 |
| 145°   | 299.6 | 289.3 | 282.0 | 280.5 |
| 147.5° | 308.4 | 298.9 | 292.2 | 291.5 |
| 150°   | 317.2 | 307.7 | 302.5 | 301.1 |
| 152.5° | 324.6 | 316.5 | 312.1 | 311.3 |
| 155°   | 331.9 | 324.6 | 320.1 | 320.1 |
| 157.5° | 338.5 | 331.9 | 328.2 | 328.2 |
| 160°   | 343.6 | 338.5 | 335.6 | 336.3 |
| 162.5° | 349.5 | 345.1 | 342.2 | 342.9 |
| 165°   | 353.9 | 350.3 | 348.1 | 349.5 |
| 167.5° | 356.9 | 354.7 | 353.2 | 353.9 |
| 170°   | 359.8 | 358.3 | 357.6 | 358.3 |
| 172.5° | 362.0 | 360.5 | 359.8 | 361.3 |
| 175°   | 363.5 | 362.7 | 362.0 | 363.5 |
| 177.5° | 364.2 | 363.5 | 363.5 | 364.9 |
| 180°   | 364.2 | 364.2 | 364.2 | 364.2 |

(END OF REPORT)