

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: P1007311

Luminaire Tested: S125RDW-B850DB30-4F0-XX-W2A-A

Issue Date: 5/2/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P1007311  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1802-639-32)  
Test Lab: INNOVATION CENTER  
Issue Date: 5/2/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: S125RDW-B850DB30-4F0-XX-W2A-A  
Description: Define 5 Regressed Direct Wall Mount with 3000K BioUP LEDs {m-DER=0.589} {m-EER=0.647}  
Light Source: -  
Ballast/Driver: -

**Summary**

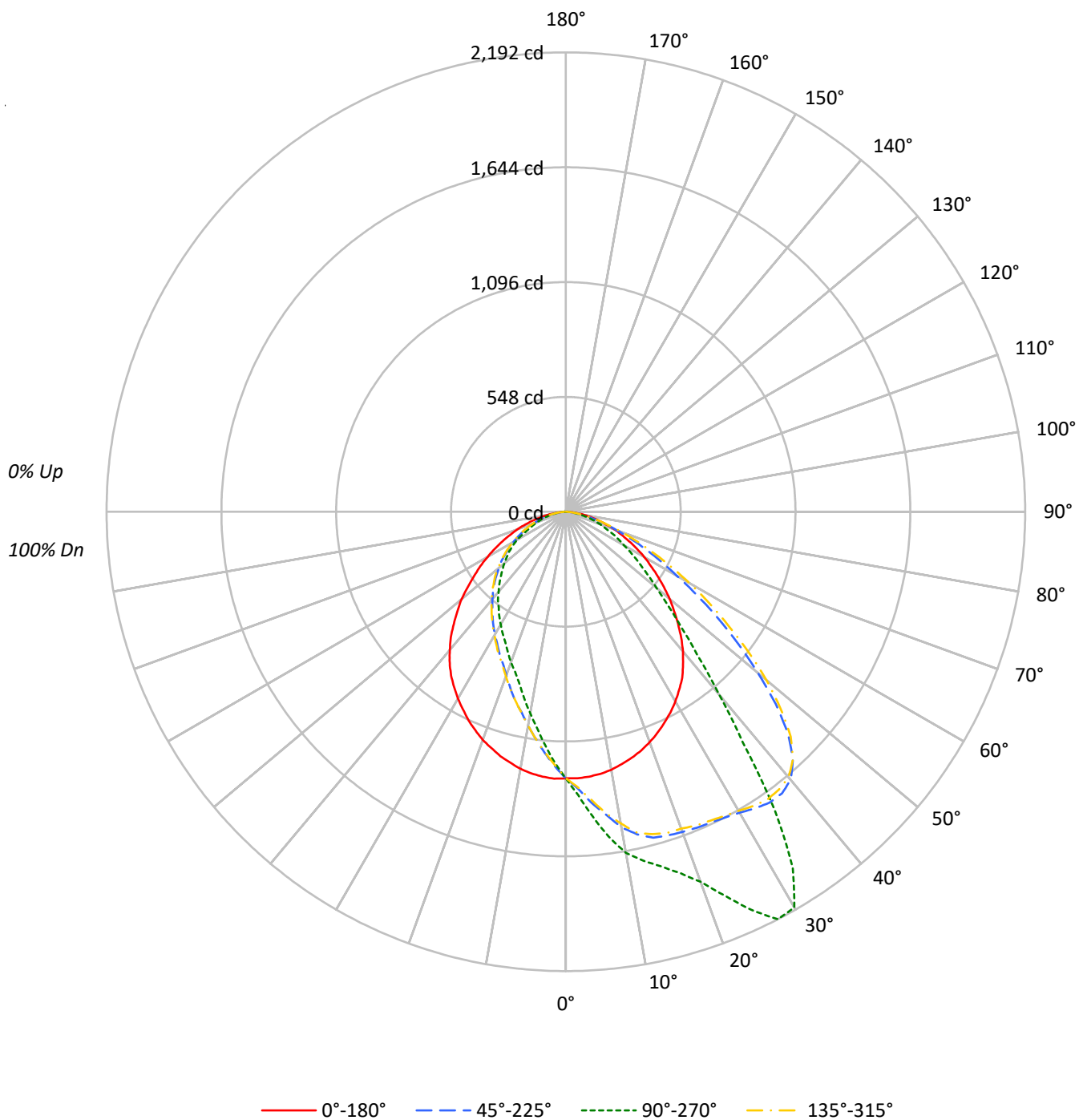
Lumens per Lamp: N/A  
Luminaire Lumens: 3295.0 lumens  
Efficiency: N/A  
Efficacy: 91.8 lumens/watt  
Spacing Criteria (0/90/45): 1.21 / 1.4 / 1.47  
Luminous Opening: Rectangular (W 0.42' x L: 4' x H: 0')  
CIE Type: Direct

Input Watts (W): 35.9  
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: P1007311

CATALOG NUMBER: S125RDW-B850DB30-4F0-XX-W2A-A

### Luminous Intensity Polar Plot



TEST NUMBER: P1007311

CATALOG NUMBER: S125RDW-B850DB30-4F0-XX-W2A-A

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

|     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|
| RF  | 20  |     |     |     | 20  |     |     |     | 20  |     |     |     | 20  |     |     |     | 20  |     |    |    |
| RC  | 80  |     |     |     | 70  |     |     |     | 50  |     |     |     | 30  |     |     |     | 10  |     |    | 0  |
| RW  | 70  | 50  | 30  | 10  | 70  | 50  | 30  | 10  | 50  | 30  | 10  | 50  | 30  | 10  | 50  | 30  | 10  | 50  | 30 | 10 |
| RCR |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |
| 0   | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 |    |    |
| 1   | 110 | 106 | 102 | 98  | 107 | 103 | 100 | 97  | 99  | 96  | 94  | 95  | 93  | 91  | 92  | 90  | 88  | 86  |    |    |
| 2   | 101 | 93  | 87  | 82  | 98  | 91  | 86  | 81  | 88  | 83  | 79  | 85  | 81  | 77  | 82  | 78  | 75  | 73  |    |    |
| 3   | 92  | 83  | 75  | 69  | 90  | 81  | 74  | 69  | 78  | 72  | 67  | 76  | 70  | 66  | 73  | 69  | 65  | 63  |    |    |
| 4   | 85  | 74  | 66  | 59  | 83  | 73  | 65  | 59  | 70  | 63  | 58  | 68  | 62  | 57  | 66  | 61  | 57  | 55  |    |    |
| 5   | 79  | 66  | 58  | 52  | 77  | 65  | 57  | 51  | 63  | 56  | 51  | 61  | 55  | 50  | 60  | 54  | 50  | 48  |    |    |
| 6   | 73  | 60  | 52  | 45  | 71  | 59  | 51  | 45  | 57  | 50  | 45  | 56  | 49  | 44  | 54  | 49  | 44  | 42  |    |    |
| 7   | 68  | 55  | 46  | 40  | 66  | 54  | 46  | 40  | 52  | 45  | 40  | 51  | 44  | 40  | 50  | 44  | 39  | 37  |    |    |
| 8   | 63  | 50  | 42  | 36  | 61  | 49  | 42  | 36  | 48  | 41  | 36  | 47  | 40  | 36  | 46  | 40  | 35  | 34  |    |    |
| 9   | 59  | 46  | 38  | 33  | 58  | 45  | 38  | 33  | 44  | 37  | 32  | 43  | 37  | 32  | 42  | 36  | 32  | 30  |    |    |
| 10  | 55  | 42  | 35  | 30  | 54  | 42  | 35  | 30  | 41  | 34  | 30  | 40  | 34  | 29  | 39  | 33  | 29  | 28  |    |    |

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

|     | 0°   | 90°   | 180° | 270° |
|-----|------|-------|------|------|
| 0°  | 8149 | 8149  | 8149 | 8149 |
| 5°  | 8160 | 9375  | 8160 | 7206 |
| 10° | 8132 | 10754 | 8104 | 6359 |
| 15° | 8062 | 11615 | 8007 | 5652 |
| 20° | 7974 | 12808 | 7902 | 5219 |
| 25° | 7854 | 14823 | 7766 | 4843 |
| 30° | 7733 | 16130 | 7617 | 4597 |
| 35° | 7571 | 13606 | 7465 | 4369 |
| 40° | 7267 | 9502  | 7205 | 4174 |
| 45° | 6859 | 7049  | 6850 | 3983 |
| 50° | 6442 | 5621  | 6474 | 3820 |
| 55° | 5972 | 4771  | 5961 | 3674 |
| 60° | 5540 | 4121  | 5513 | 3439 |
| 65° | 5033 | 3672  | 5065 | 2961 |
| 70° | 4636 | 3228  | 4616 | 2699 |
| 75° | 4005 | 2792  | 4005 | 2532 |
| 80° | 3391 | 2118  | 3350 | 2118 |
| 85° | 2683 | 1764  | 2610 | 1992 |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 135°

Vertical Angle: 45°

Luminance: 13756 cd/sqm

TEST NUMBER: P1007311

CATALOG NUMBER: S125RDW-B850DB30-4F0-XX-W2A-A

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 122.0  | 3.7       |
| 10°-20°   | 357.6  | 10.9      |
| 20°-30°   | 566.9  | 17.2      |
| 30°-40°   | 685.1  | 20.8      |
| 40°-50°   | 609.9  | 18.5      |
| 50°-60°   | 467.7  | 14.2      |
| 60°-70°   | 303.8  | 9.2       |
| 70°-80°   | 147.4  | 4.5       |
| 80°-90°   | 34.7   | 1.1       |
| 90°-100°  | 0.0    | 0.0       |
| 100°-110° | 0.0    | 0.0       |
| 110°-120° | 0.0    | 0.0       |
| 120°-130° | 0.0    | 0.0       |
| 130°-140° | 0.0    | 0.0       |
| 140°-150° | 0.0    | 0.0       |
| 150°-160° | 0.0    | 0.0       |
| 160°-170° | 0.0    | 0.0       |
| 170°-180° | 0.0    | 0.0       |
| 0°-30°    | 1046.5 | 31.8      |
| 0°-40°    | 1731.5 | 52.5      |
| 0°-60°    | 2809.2 | 85.3      |
| 0°-90°    | 3295.0 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 3295.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 90°  | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0°  | 1272 | 1272 | 1272 | 1272 | 1272 |      |
| 5°  | 1269 | 1458 | 1269 | 1120 | 1269 | 121  |
| 15° | 1215 | 1751 | 1207 | 852  | 1215 | 343  |
| 25° | 1111 | 2097 | 1098 | 685  | 1111 | 512  |
| 35° | 968  | 1740 | 954  | 559  | 968  | 603  |
| 45° | 757  | 778  | 756  | 440  | 757  | 584  |
| 55° | 535  | 427  | 534  | 329  | 535  | 479  |
| 65° | 332  | 242  | 334  | 195  | 332  | 332  |
| 75° | 162  | 113  | 162  | 102  | 162  | 174  |
| 85° | 36   | 24   | 36   | 27   | 36   | 44   |
| 90° | 0    | 0    | 0    | 0    | 0    |      |

TEST NUMBER: P1007311

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**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 10°    | 15°    | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1271.8 | 1271.8 | 1271.8 | 1271.8 | 1271.8 | 1271.8 | 1271.8 | 1271.8 | 1271.8 | 1271.8 | 1271.8 |
| 2.5°  | 1272.9 | 1283.3 | 1286.4 | 1294.8 | 1304.2 | 1306.3 | 1311.5 | 1318.8 | 1323.0 | 1321.9 | 1321.9 |
| 5°    | 1268.7 | 1286.4 | 1299.0 | 1313.6 | 1331.3 | 1338.6 | 1344.9 | 1360.6 | 1373.1 | 1380.4 | 1392.9 |
| 7.5°  | 1261.4 | 1287.5 | 1308.4 | 1330.3 | 1357.4 | 1370.0 | 1383.5 | 1405.5 | 1428.4 | 1443.1 | 1456.6 |
| 10°   | 1249.9 | 1283.3 | 1312.5 | 1344.9 | 1381.4 | 1400.2 | 1417.0 | 1450.4 | 1478.6 | 1497.4 | 1528.7 |
| 12.5° | 1233.2 | 1274.9 | 1315.7 | 1358.5 | 1404.4 | 1424.3 | 1447.2 | 1483.8 | 1523.5 | 1550.6 | 1576.7 |
| 15°   | 1215.4 | 1265.5 | 1309.4 | 1360.6 | 1415.9 | 1446.2 | 1475.4 | 1514.1 | 1549.6 | 1579.8 | 1610.1 |
| 17.5° | 1194.5 | 1247.8 | 1302.1 | 1360.6 | 1423.2 | 1453.5 | 1478.6 | 1524.5 | 1562.1 | 1592.4 | 1619.5 |
| 20°   | 1169.5 | 1229.0 | 1290.6 | 1355.3 | 1419.0 | 1447.2 | 1471.2 | 1521.4 | 1554.8 | 1587.2 | 1625.8 |
| 22.5° | 1142.3 | 1207.1 | 1272.9 | 1336.5 | 1399.2 | 1429.5 | 1457.7 | 1501.5 | 1538.1 | 1581.9 | 1632.1 |
| 25°   | 1111.0 | 1182.0 | 1248.8 | 1312.5 | 1372.1 | 1400.2 | 1425.3 | 1473.3 | 1524.5 | 1579.8 | 1636.2 |
| 27.5° | 1079.7 | 1148.6 | 1213.3 | 1271.8 | 1336.5 | 1362.7 | 1387.7 | 1448.3 | 1508.8 | 1567.3 | 1644.6 |
| 30°   | 1045.2 | 1115.2 | 1171.6 | 1225.9 | 1288.5 | 1315.7 | 1347.0 | 1415.9 | 1484.8 | 1564.2 | 1658.2 |
| 32.5° | 1006.6 | 1070.3 | 1122.5 | 1178.9 | 1235.3 | 1268.7 | 1308.4 | 1383.5 | 1462.9 | 1557.9 | 1678.0 |
| 35°   | 968.0  | 1019.1 | 1067.2 | 1120.4 | 1188.3 | 1223.8 | 1262.4 | 1341.8 | 1441.0 | 1554.8 | 1694.7 |
| 37.5° | 918.9  | 968.0  | 1005.5 | 1059.8 | 1129.8 | 1171.6 | 1210.2 | 1302.1 | 1414.9 | 1547.5 | 1693.7 |
| 40°   | 868.8  | 910.5  | 946.0  | 1002.4 | 1078.6 | 1117.3 | 1159.0 | 1259.3 | 1387.7 | 1526.6 | 1668.6 |
| 42.5° | 814.5  | 850.0  | 888.6  | 942.9  | 1017.0 | 1054.6 | 1102.7 | 1219.6 | 1350.1 | 1497.4 | 1603.9 |
| 45°   | 757.0  | 791.5  | 823.9  | 880.2  | 954.4  | 995.1  | 1047.3 | 1167.4 | 1304.2 | 1435.7 | 1499.4 |
| 47.5° | 700.6  | 730.9  | 765.4  | 814.5  | 889.6  | 934.5  | 987.8  | 1116.2 | 1242.6 | 1353.3 | 1358.5 |
| 50°   | 646.3  | 670.4  | 699.6  | 749.7  | 828.0  | 870.8  | 926.2  | 1046.3 | 1169.5 | 1245.7 | 1194.5 |
| 52.5° | 590.0  | 611.9  | 642.2  | 686.0  | 759.1  | 809.2  | 857.3  | 977.4  | 1080.7 | 1131.9 | 1037.9 |
| 55°   | 534.6  | 553.4  | 584.7  | 633.8  | 697.5  | 736.1  | 785.2  | 897.0  | 987.8  | 988.8  | 886.5  |
| 57.5° | 480.3  | 497.0  | 523.1  | 567.0  | 626.5  | 671.4  | 716.3  | 813.4  | 875.0  | 857.3  | 743.5  |
| 60°   | 432.3  | 442.7  | 466.7  | 509.6  | 564.9  | 597.3  | 645.3  | 726.7  | 767.5  | 735.1  | 612.9  |
| 62.5° | 382.2  | 392.6  | 411.4  | 445.9  | 498.1  | 532.5  | 562.8  | 629.6  | 657.8  | 608.8  | 508.5  |
| 65°   | 332.0  | 344.6  | 358.2  | 385.3  | 434.4  | 457.4  | 484.5  | 533.6  | 560.7  | 503.3  | 416.6  |
| 67.5° | 288.2  | 294.5  | 308.0  | 336.2  | 370.7  | 391.6  | 410.4  | 443.8  | 449.0  | 403.1  | 332.0  |
| 70°   | 247.5  | 249.6  | 262.1  | 278.8  | 304.9  | 317.4  | 333.1  | 352.9  | 352.9  | 315.3  | 259.0  |
| 72.5° | 201.5  | 204.7  | 214.1  | 231.8  | 247.5  | 253.7  | 259.0  | 271.5  | 269.4  | 234.9  | 196.3  |
| 75°   | 161.8  | 163.9  | 171.2  | 179.6  | 185.9  | 197.3  | 201.5  | 199.4  | 198.4  | 169.2  | 147.2  |
| 77.5° | 125.3  | 126.3  | 131.6  | 138.9  | 139.9  | 144.1  | 141.0  | 141.0  | 131.6  | 114.9  | 103.4  |
| 80°   | 91.9   | 92.9   | 95.0   | 97.1   | 97.1   | 97.1   | 97.1   | 91.9   | 85.6   | 75.2   | 72.0   |
| 82.5° | 61.6   | 61.6   | 62.7   | 64.7   | 63.7   | 61.6   | 59.5   | 54.3   | 50.1   | 47.0   | 44.9   |
| 85°   | 36.5   | 36.5   | 37.6   | 36.5   | 32.4   | 31.3   | 29.2   | 28.2   | 27.1   | 26.1   | 26.1   |
| 87.5° | 17.8   | 16.7   | 14.6   | 12.5   | 12.5   | 12.5   | 12.5   | 12.5   | 12.5   | 11.5   | 11.5   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

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**CANDELA DISTRIBUTION (continued):**

|       | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1271.8 | 1271.8 | 1271.8 | 1271.8 | 1271.8 | 1271.8 | 1271.8 | 1271.8 | 1271.8 | 1271.8 | 1271.8 |
| 2.5°  | 1327.2 | 1334.5 | 1340.7 | 1337.6 | 1350.1 | 1349.1 | 1351.2 | 1355.3 | 1356.4 | 1354.3 | 1350.1 |
| 5°    | 1399.2 | 1409.6 | 1427.4 | 1436.8 | 1434.7 | 1443.1 | 1447.2 | 1453.5 | 1459.8 | 1457.7 | 1457.7 |
| 7.5°  | 1479.6 | 1494.2 | 1512.0 | 1536.0 | 1539.1 | 1546.4 | 1559.0 | 1559.0 | 1566.3 | 1563.1 | 1562.1 |
| 10°   | 1549.6 | 1567.3 | 1595.5 | 1614.3 | 1622.7 | 1626.8 | 1639.4 | 1643.5 | 1651.9 | 1652.9 | 1652.9 |
| 12.5° | 1607.0 | 1638.3 | 1657.1 | 1675.9 | 1680.1 | 1686.4 | 1695.7 | 1702.0 | 1705.1 | 1705.1 | 1702.0 |
| 15°   | 1637.3 | 1662.3 | 1684.3 | 1704.1 | 1715.6 | 1720.8 | 1730.2 | 1737.5 | 1741.7 | 1751.1 | 1753.2 |
| 17.5° | 1649.8 | 1680.1 | 1715.6 | 1743.8 | 1763.6 | 1768.8 | 1787.6 | 1793.9 | 1802.3 | 1806.4 | 1811.7 |
| 20°   | 1667.6 | 1711.4 | 1754.2 | 1788.7 | 1807.5 | 1821.0 | 1840.9 | 1870.1 | 1878.5 | 1878.5 | 1875.3 |
| 22.5° | 1683.2 | 1739.6 | 1798.1 | 1853.4 | 1869.1 | 1896.2 | 1932.8 | 1964.1 | 1976.6 | 1981.9 | 1977.7 |
| 25°   | 1702.0 | 1779.3 | 1855.5 | 1924.4 | 1967.2 | 1987.1 | 2036.2 | 2073.7 | 2088.4 | 2096.7 | 2098.8 |
| 27.5° | 1734.4 | 1831.5 | 1928.6 | 2016.3 | 2060.2 | 2083.1 | 2134.3 | 2166.7 | 2184.4 | 2191.7 | 2186.5 |
| 30°   | 1770.9 | 1890.0 | 2002.7 | 2081.1 | 2110.3 | 2138.5 | 2171.9 | 2184.4 | 2180.2 | 2180.2 | 2195.9 |
| 32.5° | 1808.5 | 1931.7 | 2032.0 | 2083.1 | 2093.6 | 2089.4 | 2075.8 | 2038.2 | 2016.3 | 2016.3 | 2029.9 |
| 35°   | 1829.4 | 1935.9 | 1987.1 | 1970.4 | 1929.6 | 1905.6 | 1831.5 | 1789.7 | 1742.7 | 1739.6 | 1755.3 |
| 37.5° | 1817.9 | 1863.9 | 1843.0 | 1733.3 | 1678.0 | 1632.1 | 1516.1 | 1470.2 | 1435.7 | 1387.7 | 1461.9 |
| 40°   | 1737.5 | 1721.9 | 1613.3 | 1455.6 | 1394.0 | 1329.2 | 1237.4 | 1191.4 | 1143.4 | 1136.1 | 1153.8 |
| 42.5° | 1601.8 | 1508.8 | 1350.1 | 1197.7 | 1135.0 | 1089.1 | 1019.1 | 974.2  | 943.9  | 931.4  | 952.3  |
| 45°   | 1432.6 | 1286.4 | 1127.7 | 1006.6 | 937.7  | 913.7  | 850.0  | 810.3  | 787.3  | 777.9  | 792.5  |
| 47.5° | 1225.9 | 1078.6 | 928.3  | 825.9  | 785.2  | 761.2  | 718.4  | 683.9  | 664.1  | 657.8  | 664.1  |
| 50°   | 1041.0 | 889.6  | 763.3  | 697.5  | 661.0  | 641.1  | 605.6  | 583.7  | 568.0  | 563.9  | 574.3  |
| 52.5° | 881.3  | 743.5  | 647.4  | 588.9  | 564.9  | 548.2  | 523.1  | 504.3  | 494.9  | 490.8  | 498.1  |
| 55°   | 738.2  | 626.5  | 549.2  | 499.1  | 481.4  | 470.9  | 449.0  | 438.6  | 428.1  | 427.1  | 434.4  |
| 57.5° | 611.9  | 534.6  | 463.6  | 428.1  | 422.9  | 407.2  | 388.4  | 379.0  | 373.8  | 372.8  | 375.9  |
| 60°   | 509.6  | 440.6  | 397.8  | 366.5  | 359.2  | 346.7  | 336.2  | 330.0  | 323.7  | 321.6  | 323.7  |
| 62.5° | 423.9  | 369.6  | 335.2  | 314.3  | 303.9  | 300.7  | 289.2  | 281.9  | 280.9  | 280.9  | 283.0  |
| 65°   | 349.8  | 303.9  | 281.9  | 265.2  | 257.9  | 254.8  | 246.4  | 241.2  | 242.2  | 242.2  | 243.3  |
| 67.5° | 285.1  | 251.6  | 231.8  | 223.5  | 217.2  | 216.1  | 207.8  | 205.7  | 203.6  | 203.6  | 205.7  |
| 70°   | 226.6  | 205.7  | 191.1  | 186.9  | 185.9  | 178.6  | 175.4  | 174.4  | 171.2  | 172.3  | 172.3  |
| 72.5° | 177.5  | 163.9  | 155.6  | 149.3  | 150.4  | 146.2  | 142.0  | 142.0  | 139.9  | 143.1  | 143.1  |
| 75°   | 131.6  | 125.3  | 119.0  | 116.9  | 119.0  | 116.9  | 113.8  | 112.8  | 113.8  | 112.8  | 112.8  |
| 77.5° | 97.1   | 94.0   | 91.9   | 90.8   | 90.8   | 86.7   | 84.6   | 86.7   | 82.5   | 84.6   | 84.6   |
| 80°   | 67.9   | 63.7   | 62.7   | 60.6   | 61.6   | 58.5   | 59.5   | 57.4   | 57.4   | 57.4   | 57.4   |
| 82.5° | 42.8   | 41.8   | 41.8   | 41.8   | 40.7   | 40.7   | 40.7   | 40.7   | 40.7   | 40.7   | 39.7   |
| 85°   | 26.1   | 25.1   | 25.1   | 25.1   | 24.0   | 24.0   | 24.0   | 24.0   | 24.0   | 24.0   | 24.0   |
| 87.5° | 10.4   | 11.5   | 11.5   | 12.5   | 11.5   | 10.4   | 10.4   | 10.4   | 11.5   | 11.5   | 10.4   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

TEST NUMBER: P1007311

CATALOG NUMBER: S125RDW-B850DB30-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|       | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1271.8 | 1271.8 | 1271.8 | 1271.8 | 1271.8 | 1271.8 | 1271.8 | 1271.8 | 1271.8 | 1271.8 | 1271.8 |
| 2.5°  | 1355.3 | 1348.0 | 1351.2 | 1348.0 | 1344.9 | 1341.8 | 1334.5 | 1324.0 | 1315.7 | 1309.4 | 1308.4 |
| 5°    | 1459.8 | 1450.4 | 1444.1 | 1441.0 | 1434.7 | 1426.3 | 1412.8 | 1397.1 | 1378.3 | 1371.0 | 1356.4 |
| 7.5°  | 1555.8 | 1552.7 | 1538.1 | 1536.0 | 1531.8 | 1516.1 | 1493.2 | 1472.3 | 1448.3 | 1428.4 | 1409.6 |
| 10°   | 1646.7 | 1639.4 | 1628.9 | 1614.3 | 1612.2 | 1592.4 | 1570.4 | 1541.2 | 1509.9 | 1491.1 | 1457.7 |
| 12.5° | 1703.1 | 1694.7 | 1683.2 | 1673.8 | 1668.6 | 1656.1 | 1625.8 | 1596.6 | 1568.4 | 1533.9 | 1504.7 |
| 15°   | 1743.8 | 1733.3 | 1712.5 | 1705.1 | 1698.9 | 1682.2 | 1660.2 | 1630.0 | 1592.4 | 1568.4 | 1526.6 |
| 17.5° | 1799.1 | 1786.6 | 1765.7 | 1752.1 | 1740.6 | 1714.5 | 1683.2 | 1642.5 | 1607.0 | 1579.8 | 1542.3 |
| 20°   | 1862.8 | 1844.0 | 1816.9 | 1799.1 | 1782.4 | 1752.1 | 1708.3 | 1660.2 | 1609.1 | 1575.7 | 1537.0 |
| 22.5° | 1968.3 | 1932.8 | 1890.0 | 1864.9 | 1841.9 | 1789.7 | 1737.5 | 1678.0 | 1620.6 | 1570.4 | 1523.5 |
| 25°   | 2070.6 | 2035.1 | 1981.9 | 1947.4 | 1911.9 | 1851.3 | 1782.4 | 1699.9 | 1626.8 | 1568.4 | 1506.8 |
| 27.5° | 2165.6 | 2129.1 | 2080.0 | 2038.2 | 2003.8 | 1912.9 | 1822.1 | 1729.2 | 1636.2 | 1555.8 | 1493.2 |
| 30°   | 2187.6 | 2171.9 | 2134.3 | 2097.8 | 2066.4 | 1982.9 | 1877.4 | 1759.4 | 1647.7 | 1544.3 | 1474.4 |
| 32.5° | 2054.9 | 2093.6 | 2103.0 | 2097.8 | 2077.9 | 2018.4 | 1921.3 | 1797.0 | 1664.4 | 1539.1 | 1443.1 |
| 35°   | 1779.3 | 1849.2 | 1921.3 | 1959.9 | 1978.7 | 1987.1 | 1929.6 | 1815.8 | 1675.9 | 1530.8 | 1422.2 |
| 37.5° | 1475.4 | 1543.3 | 1657.1 | 1714.5 | 1778.2 | 1861.8 | 1884.7 | 1811.7 | 1670.7 | 1524.5 | 1388.8 |
| 40°   | 1212.3 | 1299.0 | 1392.9 | 1445.1 | 1500.5 | 1650.8 | 1764.7 | 1756.3 | 1654.0 | 1501.5 | 1362.7 |
| 42.5° | 986.7  | 1041.0 | 1123.5 | 1181.0 | 1248.8 | 1417.0 | 1569.4 | 1644.6 | 1603.9 | 1473.3 | 1329.2 |
| 45°   | 822.8  | 864.6  | 923.1  | 981.5  | 1023.3 | 1175.7 | 1356.4 | 1479.6 | 1518.2 | 1423.2 | 1278.1 |
| 47.5° | 693.3  | 724.7  | 775.8  | 812.4  | 857.3  | 977.4  | 1134.0 | 1307.3 | 1388.8 | 1352.2 | 1223.8 |
| 50°   | 594.1  | 619.2  | 659.9  | 682.9  | 722.6  | 825.9  | 945.0  | 1126.7 | 1249.9 | 1254.1 | 1151.7 |
| 52.5° | 507.5  | 532.5  | 567.0  | 586.8  | 610.8  | 680.8  | 800.9  | 954.4  | 1096.4 | 1148.6 | 1069.2 |
| 55°   | 441.7  | 456.3  | 484.5  | 500.2  | 522.1  | 590.0  | 666.2  | 796.7  | 945.0  | 1030.6 | 980.5  |
| 57.5° | 381.1  | 396.8  | 414.5  | 427.1  | 442.7  | 497.0  | 565.9  | 664.1  | 811.3  | 904.3  | 887.6  |
| 60°   | 332.0  | 341.4  | 358.2  | 367.6  | 382.2  | 417.7  | 465.7  | 563.9  | 680.8  | 768.5  | 777.9  |
| 62.5° | 286.1  | 294.5  | 305.9  | 314.3  | 323.7  | 351.9  | 387.4  | 457.4  | 559.7  | 654.7  | 667.2  |
| 65°   | 246.4  | 253.7  | 260.0  | 267.3  | 274.6  | 292.4  | 322.7  | 376.9  | 456.3  | 545.1  | 572.2  |
| 67.5° | 210.9  | 213.0  | 222.4  | 223.5  | 227.6  | 241.2  | 263.1  | 307.0  | 364.4  | 435.4  | 470.9  |
| 70°   | 176.5  | 180.6  | 182.7  | 185.9  | 190.0  | 199.4  | 217.2  | 240.2  | 283.0  | 340.4  | 373.8  |
| 72.5° | 143.1  | 144.1  | 147.2  | 149.3  | 153.5  | 160.8  | 169.2  | 186.9  | 214.1  | 255.8  | 286.1  |
| 75°   | 113.8  | 114.9  | 116.9  | 118.0  | 121.1  | 123.2  | 127.4  | 139.9  | 158.7  | 183.8  | 205.7  |
| 77.5° | 85.6   | 87.7   | 89.8   | 89.8   | 90.8   | 92.9   | 95.0   | 99.2   | 108.6  | 125.3  | 144.1  |
| 80°   | 58.5   | 59.5   | 59.5   | 60.6   | 59.5   | 62.7   | 65.8   | 71.0   | 75.2   | 80.4   | 89.8   |
| 82.5° | 40.7   | 40.7   | 40.7   | 41.8   | 41.8   | 42.8   | 42.8   | 43.9   | 44.9   | 48.0   | 52.2   |
| 85°   | 25.1   | 25.1   | 26.1   | 24.0   | 25.1   | 26.1   | 26.1   | 25.1   | 26.1   | 27.1   | 28.2   |
| 87.5° | 10.4   | 10.4   | 11.5   | 11.5   | 11.5   | 11.5   | 10.4   | 11.5   | 10.4   | 11.5   | 11.5   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

TEST NUMBER: P1007311

CATALOG NUMBER: S125RDW-B850DB30-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|       | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1271.8 | 1271.8 | 1271.8 | 1271.8 | 1271.8 | 1271.8 | 1271.8 | 1271.8 | 1271.8 | 1271.8 | 1271.8 |
| 2.5°  | 1305.2 | 1299.0 | 1294.8 | 1293.7 | 1287.5 | 1282.3 | 1276.0 | 1274.9 | 1271.8 | 1263.5 | 1258.2 |
| 5°    | 1345.9 | 1331.3 | 1328.2 | 1318.8 | 1303.1 | 1291.7 | 1277.0 | 1268.7 | 1259.3 | 1243.6 | 1231.1 |
| 7.5°  | 1387.7 | 1367.9 | 1353.3 | 1339.7 | 1317.8 | 1296.9 | 1276.0 | 1259.3 | 1242.6 | 1219.6 | 1200.8 |
| 10°   | 1428.4 | 1398.2 | 1380.4 | 1360.6 | 1330.3 | 1299.0 | 1269.7 | 1245.7 | 1218.6 | 1191.4 | 1164.3 |
| 12.5° | 1466.0 | 1427.4 | 1401.3 | 1373.1 | 1335.5 | 1296.9 | 1259.3 | 1225.9 | 1197.7 | 1161.1 | 1130.8 |
| 15°   | 1489.0 | 1446.2 | 1420.1 | 1392.9 | 1336.5 | 1293.7 | 1249.9 | 1207.1 | 1169.5 | 1130.8 | 1102.7 |
| 17.5° | 1502.6 | 1454.5 | 1425.3 | 1400.2 | 1342.8 | 1284.3 | 1228.0 | 1182.0 | 1141.3 | 1095.3 | 1057.8 |
| 20°   | 1496.3 | 1449.3 | 1422.2 | 1398.2 | 1331.3 | 1272.9 | 1212.3 | 1159.0 | 1107.9 | 1060.9 | 1021.2 |
| 22.5° | 1482.7 | 1433.7 | 1403.4 | 1381.4 | 1321.9 | 1253.0 | 1186.2 | 1128.8 | 1075.5 | 1028.5 | 983.6  |
| 25°   | 1453.5 | 1405.5 | 1379.4 | 1352.2 | 1293.7 | 1228.0 | 1160.1 | 1098.5 | 1042.1 | 992.0  | 941.9  |
| 27.5° | 1427.4 | 1368.9 | 1341.8 | 1317.8 | 1256.1 | 1197.7 | 1130.8 | 1063.0 | 1005.5 | 953.3  | 903.2  |
| 30°   | 1397.1 | 1331.3 | 1302.1 | 1269.7 | 1214.4 | 1159.0 | 1092.2 | 1029.6 | 970.0  | 914.7  | 866.7  |
| 32.5° | 1364.7 | 1288.5 | 1255.1 | 1218.6 | 1162.2 | 1110.0 | 1053.6 | 992.0  | 932.5  | 878.2  | 828.0  |
| 35°   | 1323.0 | 1241.5 | 1202.9 | 1168.4 | 1110.0 | 1057.8 | 1005.5 | 954.4  | 894.9  | 837.4  | 789.4  |
| 37.5° | 1283.3 | 1193.5 | 1152.8 | 1113.1 | 1051.5 | 1001.4 | 958.6  | 910.5  | 853.1  | 797.8  | 751.8  |
| 40°   | 1238.4 | 1135.0 | 1093.3 | 1056.7 | 993.0  | 937.7  | 899.0  | 861.4  | 811.3  | 758.1  | 708.0  |
| 42.5° | 1197.7 | 1080.7 | 1036.9 | 999.3  | 932.5  | 880.2  | 843.7  | 812.4  | 768.5  | 719.4  | 668.3  |
| 45°   | 1141.3 | 1022.3 | 977.4  | 937.7  | 869.8  | 820.7  | 783.1  | 756.0  | 721.5  | 675.6  | 629.6  |
| 47.5° | 1089.1 | 965.9  | 916.8  | 868.8  | 807.2  | 757.0  | 722.6  | 701.7  | 678.7  | 638.0  | 591.0  |
| 50°   | 1025.4 | 901.1  | 851.0  | 811.3  | 741.4  | 698.6  | 664.1  | 649.5  | 628.6  | 590.0  | 552.4  |
| 52.5° | 956.5  | 838.5  | 791.5  | 743.5  | 678.7  | 636.9  | 606.7  | 590.0  | 573.3  | 545.1  | 509.6  |
| 55°   | 876.1  | 768.5  | 724.7  | 681.8  | 617.1  | 578.5  | 551.3  | 533.6  | 524.2  | 498.1  | 472.0  |
| 57.5° | 798.8  | 697.5  | 656.8  | 617.1  | 560.7  | 516.9  | 499.1  | 483.5  | 469.9  | 451.1  | 429.2  |
| 60°   | 720.5  | 628.6  | 584.7  | 549.2  | 500.2  | 460.5  | 445.9  | 430.2  | 419.8  | 405.1  | 389.5  |
| 62.5° | 630.7  | 552.4  | 519.0  | 485.5  | 443.8  | 412.5  | 395.7  | 383.2  | 369.6  | 360.2  | 346.7  |
| 65°   | 535.7  | 480.3  | 448.0  | 422.9  | 383.2  | 355.0  | 342.5  | 334.1  | 322.7  | 313.3  | 302.8  |
| 67.5° | 446.9  | 403.1  | 389.5  | 362.3  | 332.0  | 307.0  | 297.6  | 287.1  | 277.8  | 272.5  | 263.1  |
| 70°   | 361.3  | 330.0  | 316.4  | 309.1  | 275.7  | 259.0  | 250.6  | 246.4  | 234.9  | 229.7  | 223.5  |
| 72.5° | 279.8  | 268.4  | 259.0  | 249.6  | 227.6  | 217.2  | 207.8  | 203.6  | 195.3  | 191.1  | 189.0  |
| 75°   | 206.7  | 199.4  | 194.2  | 193.2  | 183.8  | 173.3  | 163.9  | 161.8  | 155.6  | 151.4  | 149.3  |
| 77.5° | 145.1  | 143.1  | 142.0  | 143.1  | 136.8  | 130.5  | 128.4  | 126.3  | 119.0  | 118.0  | 118.0  |
| 80°   | 95.0   | 100.2  | 100.2  | 99.2   | 97.1   | 96.1   | 92.9   | 90.8   | 86.7   | 85.6   | 86.7   |
| 82.5° | 58.5   | 61.6   | 62.7   | 64.7   | 63.7   | 62.7   | 60.6   | 59.5   | 60.6   | 58.5   | 59.5   |
| 85°   | 29.2   | 31.3   | 35.5   | 35.5   | 36.5   | 36.5   | 36.5   | 35.5   | 33.4   | 34.5   | 33.4   |
| 87.5° | 11.5   | 12.5   | 12.5   | 12.5   | 11.5   | 14.6   | 15.7   | 15.7   | 15.7   | 13.6   | 13.6   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

TEST NUMBER: P1007311

CATALOG NUMBER: S125RDW-B850DB30-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|       | 200°   | 202.5° | 205°   | 210°   | 215°   | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1271.8 | 1271.8 | 1271.8 | 1271.8 | 1271.8 | 1271.8 | 1271.8 | 1271.8 | 1271.8 | 1271.8 | 1271.8 |
| 2.5°  | 1255.1 | 1250.9 | 1247.8 | 1244.7 | 1231.1 | 1216.5 | 1214.4 | 1211.2 | 1205.0 | 1212.3 | 1209.2 |
| 5°    | 1222.7 | 1213.3 | 1208.1 | 1194.5 | 1177.8 | 1165.3 | 1154.9 | 1142.3 | 1137.1 | 1132.9 | 1131.9 |
| 7.5°  | 1183.1 | 1174.7 | 1165.3 | 1151.7 | 1130.8 | 1110.0 | 1094.3 | 1081.8 | 1071.3 | 1066.1 | 1066.1 |
| 10°   | 1144.4 | 1134.0 | 1121.4 | 1098.5 | 1078.6 | 1052.5 | 1035.8 | 1023.3 | 1008.7 | 1000.3 | 993.0  |
| 12.5° | 1104.7 | 1093.3 | 1081.8 | 1052.5 | 1029.6 | 1002.4 | 978.4  | 962.7  | 955.4  | 946.0  | 933.5  |
| 15°   | 1065.1 | 1047.3 | 1035.8 | 1006.6 | 977.4  | 950.2  | 934.5  | 917.8  | 901.1  | 891.7  | 887.6  |
| 17.5° | 1023.3 | 1010.8 | 992.0  | 960.6  | 928.3  | 904.3  | 881.3  | 865.6  | 845.8  | 836.4  | 827.0  |
| 20°   | 985.7  | 966.9  | 948.1  | 916.8  | 885.5  | 853.1  | 830.1  | 811.3  | 798.8  | 791.5  | 783.1  |
| 22.5° | 940.8  | 923.1  | 907.4  | 874.0  | 839.5  | 809.2  | 784.2  | 772.7  | 760.2  | 748.7  | 740.3  |
| 25°   | 902.2  | 884.4  | 868.8  | 832.2  | 794.6  | 766.4  | 747.6  | 733.0  | 719.4  | 714.2  | 705.9  |
| 27.5° | 861.4  | 844.7  | 823.9  | 787.3  | 753.9  | 729.9  | 710.0  | 696.5  | 686.0  | 675.6  | 669.3  |
| 30°   | 822.8  | 804.0  | 785.2  | 745.5  | 718.4  | 694.4  | 675.6  | 658.9  | 650.5  | 645.3  | 634.9  |
| 32.5° | 785.2  | 761.2  | 745.5  | 709.0  | 682.9  | 659.9  | 644.3  | 629.6  | 619.2  | 609.8  | 601.4  |
| 35°   | 744.5  | 718.4  | 702.7  | 672.5  | 645.3  | 622.3  | 608.8  | 598.3  | 585.8  | 577.4  | 573.3  |
| 37.5° | 705.9  | 683.9  | 668.3  | 636.9  | 609.8  | 591.0  | 576.4  | 562.8  | 557.6  | 546.1  | 544.0  |
| 40°   | 664.1  | 645.3  | 630.7  | 600.4  | 575.3  | 560.7  | 545.1  | 532.5  | 523.1  | 517.9  | 510.6  |
| 42.5° | 626.5  | 610.8  | 595.2  | 567.0  | 543.0  | 525.2  | 513.7  | 502.3  | 493.9  | 485.5  | 480.3  |
| 45°   | 592.0  | 575.3  | 560.7  | 533.6  | 509.6  | 493.9  | 482.4  | 468.8  | 466.7  | 455.3  | 450.0  |
| 47.5° | 555.5  | 540.9  | 528.4  | 500.2  | 478.2  | 462.6  | 449.0  | 439.6  | 430.2  | 426.0  | 418.7  |
| 50°   | 520.0  | 505.4  | 490.8  | 465.7  | 445.9  | 430.2  | 416.6  | 406.2  | 401.0  | 394.7  | 388.4  |
| 52.5° | 481.4  | 469.9  | 458.4  | 432.3  | 412.5  | 398.9  | 387.4  | 373.8  | 368.6  | 363.4  | 359.2  |
| 55°   | 449.0  | 432.3  | 419.8  | 397.8  | 380.1  | 365.5  | 352.9  | 342.5  | 337.3  | 333.1  | 327.9  |
| 57.5° | 405.1  | 394.7  | 384.3  | 364.4  | 347.7  | 333.1  | 320.6  | 312.2  | 305.9  | 302.8  | 303.9  |
| 60°   | 367.6  | 356.1  | 349.8  | 328.9  | 312.2  | 300.7  | 289.2  | 280.9  | 274.6  | 271.5  | 270.4  |
| 62.5° | 327.9  | 319.5  | 308.0  | 293.4  | 276.7  | 266.3  | 257.9  | 251.6  | 241.2  | 240.2  | 237.0  |
| 65°   | 289.2  | 283.0  | 272.5  | 259.0  | 245.4  | 236.0  | 226.6  | 218.2  | 214.1  | 208.8  | 205.7  |
| 67.5° | 251.6  | 245.4  | 236.0  | 224.5  | 215.1  | 205.7  | 197.3  | 189.0  | 181.7  | 177.5  | 175.4  |
| 70°   | 215.1  | 209.9  | 203.6  | 190.0  | 178.6  | 171.2  | 165.0  | 159.8  | 152.5  | 150.4  | 149.3  |
| 72.5° | 179.6  | 174.4  | 171.2  | 159.8  | 149.3  | 143.1  | 136.8  | 131.6  | 128.4  | 127.4  | 124.3  |
| 75°   | 147.2  | 142.0  | 137.8  | 127.4  | 121.1  | 116.9  | 110.7  | 108.6  | 105.5  | 104.4  | 103.4  |
| 77.5° | 114.9  | 109.6  | 108.6  | 101.3  | 94.0   | 91.9   | 89.8   | 85.6   | 85.6   | 85.6   | 83.5   |
| 80°   | 82.5   | 81.4   | 80.4   | 73.1   | 70.0   | 67.9   | 66.8   | 63.7   | 61.6   | 59.5   | 58.5   |
| 82.5° | 55.3   | 54.3   | 53.3   | 50.1   | 47.0   | 45.9   | 44.9   | 42.8   | 42.8   | 43.9   | 41.8   |
| 85°   | 33.4   | 31.3   | 30.3   | 29.2   | 27.1   | 27.1   | 28.2   | 27.1   | 27.1   | 27.1   | 26.1   |
| 87.5° | 12.5   | 12.5   | 12.5   | 12.5   | 13.6   | 11.5   | 12.5   | 12.5   | 11.5   | 11.5   | 10.4   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

TEST NUMBER: P1007311

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**CANDELA DISTRIBUTION (continued):**

|       | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1271.8 | 1271.8 | 1271.8 | 1271.8 | 1271.8 | 1271.8 | 1271.8 | 1271.8 | 1271.8 | 1271.8 | 1271.8 |
| 2.5°  | 1203.9 | 1206.0 | 1200.8 | 1198.7 | 1194.5 | 1199.8 | 1200.8 | 1199.8 | 1209.2 | 1205.0 | 1207.1 |
| 5°    | 1134.0 | 1129.8 | 1126.7 | 1119.4 | 1119.4 | 1120.4 | 1123.5 | 1118.3 | 1121.4 | 1128.8 | 1127.7 |
| 7.5°  | 1056.7 | 1054.6 | 1055.7 | 1047.3 | 1041.0 | 1043.1 | 1041.0 | 1050.4 | 1055.7 | 1053.6 | 1057.8 |
| 10°   | 986.7  | 990.9  | 981.5  | 977.4  | 973.2  | 977.4  | 976.3  | 978.4  | 984.7  | 988.8  | 996.1  |
| 12.5° | 930.4  | 929.3  | 924.1  | 919.9  | 912.6  | 914.7  | 921.0  | 918.9  | 919.9  | 929.3  | 928.3  |
| 15°   | 877.1  | 870.8  | 866.7  | 857.3  | 859.4  | 852.1  | 858.3  | 865.6  | 868.8  | 877.1  | 882.3  |
| 17.5° | 823.9  | 822.8  | 817.6  | 816.5  | 805.1  | 801.9  | 808.2  | 810.3  | 813.4  | 817.6  | 824.9  |
| 20°   | 779.0  | 777.9  | 770.6  | 768.5  | 759.1  | 765.4  | 763.3  | 767.5  | 769.6  | 777.9  | 781.0  |
| 22.5° | 738.2  | 733.0  | 730.9  | 727.8  | 724.7  | 723.6  | 727.8  | 726.7  | 734.1  | 737.2  | 738.2  |
| 25°   | 700.6  | 696.5  | 695.4  | 690.2  | 688.1  | 685.0  | 688.1  | 691.2  | 699.6  | 702.7  | 706.9  |
| 27.5° | 666.2  | 663.1  | 661.0  | 656.8  | 653.7  | 653.7  | 655.7  | 659.9  | 663.1  | 665.1  | 667.2  |
| 30°   | 634.9  | 632.8  | 626.5  | 624.4  | 621.3  | 621.3  | 621.3  | 623.4  | 628.6  | 634.9  | 638.0  |
| 32.5° | 602.5  | 598.3  | 594.1  | 594.1  | 591.0  | 591.0  | 592.0  | 594.1  | 599.4  | 600.4  | 605.6  |
| 35°   | 571.2  | 567.0  | 563.9  | 561.8  | 562.8  | 558.6  | 560.7  | 563.9  | 570.1  | 572.2  | 575.3  |
| 37.5° | 540.9  | 539.8  | 533.6  | 530.4  | 532.5  | 532.5  | 531.5  | 533.6  | 537.8  | 541.9  | 544.0  |
| 40°   | 507.5  | 505.4  | 505.4  | 502.3  | 503.3  | 499.1  | 502.3  | 504.3  | 506.4  | 510.6  | 513.7  |
| 42.5° | 478.2  | 476.1  | 472.0  | 473.0  | 469.9  | 469.9  | 472.0  | 473.0  | 476.1  | 481.4  | 483.5  |
| 45°   | 446.9  | 446.9  | 444.8  | 441.7  | 442.7  | 439.6  | 441.7  | 442.7  | 446.9  | 452.1  | 450.0  |
| 47.5° | 416.6  | 415.6  | 415.6  | 411.4  | 413.5  | 410.4  | 413.5  | 414.5  | 416.6  | 419.8  | 418.7  |
| 50°   | 387.4  | 384.3  | 385.3  | 384.3  | 383.2  | 383.2  | 385.3  | 385.3  | 387.4  | 387.4  | 390.5  |
| 52.5° | 357.1  | 357.1  | 355.0  | 356.1  | 358.2  | 356.1  | 359.2  | 356.1  | 358.2  | 359.2  | 361.3  |
| 55°   | 330.0  | 327.9  | 328.9  | 327.9  | 332.0  | 328.9  | 332.0  | 330.0  | 332.0  | 331.0  | 333.1  |
| 57.5° | 300.7  | 297.6  | 298.6  | 297.6  | 300.7  | 299.7  | 302.8  | 299.7  | 300.7  | 301.8  | 304.9  |
| 60°   | 267.3  | 267.3  | 267.3  | 265.2  | 268.4  | 268.4  | 267.3  | 267.3  | 271.5  | 273.6  | 272.5  |
| 62.5° | 236.0  | 234.9  | 231.8  | 230.8  | 231.8  | 229.7  | 233.9  | 232.9  | 234.9  | 237.0  | 239.1  |
| 65°   | 201.5  | 199.4  | 198.4  | 196.3  | 196.3  | 195.3  | 196.3  | 200.5  | 201.5  | 202.6  | 207.8  |
| 67.5° | 173.3  | 172.3  | 171.2  | 168.1  | 168.1  | 170.2  | 170.2  | 170.2  | 176.5  | 173.3  | 177.5  |
| 70°   | 148.3  | 146.2  | 144.1  | 143.1  | 143.1  | 144.1  | 145.1  | 146.2  | 145.1  | 149.3  | 150.4  |
| 72.5° | 124.3  | 125.3  | 123.2  | 123.2  | 123.2  | 122.2  | 122.2  | 124.3  | 125.3  | 124.3  | 125.3  |
| 75°   | 103.4  | 103.4  | 102.3  | 103.4  | 103.4  | 102.3  | 102.3  | 104.4  | 104.4  | 103.4  | 106.5  |
| 77.5° | 83.5   | 82.5   | 80.4   | 78.3   | 79.4   | 78.3   | 79.4   | 78.3   | 81.4   | 84.6   | 82.5   |
| 80°   | 58.5   | 57.4   | 57.4   | 57.4   | 58.5   | 57.4   | 59.5   | 57.4   | 58.5   | 58.5   | 59.5   |
| 82.5° | 41.8   | 42.8   | 42.8   | 41.8   | 42.8   | 41.8   | 42.8   | 42.8   | 42.8   | 41.8   | 42.8   |
| 85°   | 27.1   | 27.1   | 27.1   | 27.1   | 26.1   | 27.1   | 27.1   | 27.1   | 28.2   | 27.1   | 28.2   |
| 87.5° | 11.5   | 11.5   | 11.5   | 11.5   | 11.5   | 11.5   | 11.5   | 11.5   | 12.5   | 11.5   | 12.5   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

TEST NUMBER: P1007311

CATALOG NUMBER: S125RDW-B850DB30-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|       | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 337.5° | 340°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1271.8 | 1271.8 | 1271.8 | 1271.8 | 1271.8 | 1271.8 | 1271.8 | 1271.8 | 1271.8 | 1271.8 | 1271.8 |
| 2.5°  | 1202.9 | 1208.1 | 1203.9 | 1200.8 | 1209.2 | 1213.3 | 1213.3 | 1220.6 | 1228.0 | 1234.2 | 1235.3 |
| 5°    | 1128.8 | 1137.1 | 1139.2 | 1138.2 | 1150.7 | 1157.0 | 1170.5 | 1177.8 | 1188.3 | 1195.6 | 1203.9 |
| 7.5°  | 1060.9 | 1072.4 | 1073.4 | 1075.5 | 1094.3 | 1104.7 | 1116.2 | 1135.0 | 1149.6 | 1160.1 | 1169.5 |
| 10°   | 993.0  | 1000.3 | 1007.6 | 1017.0 | 1035.8 | 1053.6 | 1070.3 | 1090.1 | 1108.9 | 1119.4 | 1132.9 |
| 12.5° | 941.9  | 947.1  | 955.4  | 961.7  | 981.5  | 997.2  | 1019.1 | 1046.3 | 1073.4 | 1081.8 | 1098.5 |
| 15°   | 888.6  | 891.7  | 908.4  | 914.7  | 931.4  | 957.5  | 971.1  | 997.2  | 1026.4 | 1042.1 | 1060.9 |
| 17.5° | 827.0  | 845.8  | 856.2  | 863.5  | 884.4  | 905.3  | 927.2  | 954.4  | 992.0  | 1006.6 | 1020.2 |
| 20°   | 783.1  | 796.7  | 808.2  | 817.6  | 836.4  | 867.7  | 887.6  | 909.5  | 945.0  | 961.7  | 981.5  |
| 22.5° | 744.5  | 756.0  | 766.4  | 776.9  | 789.4  | 817.6  | 840.6  | 870.8  | 906.3  | 922.0  | 945.0  |
| 25°   | 708.0  | 719.4  | 725.7  | 738.2  | 754.9  | 774.8  | 801.9  | 829.1  | 864.6  | 882.3  | 904.3  |
| 27.5° | 672.5  | 683.9  | 695.4  | 705.9  | 717.4  | 736.1  | 754.9  | 789.4  | 825.9  | 846.8  | 865.6  |
| 30°   | 642.2  | 647.4  | 657.8  | 669.3  | 680.8  | 698.6  | 720.5  | 744.5  | 786.3  | 805.1  | 828.0  |
| 32.5° | 608.8  | 618.2  | 625.5  | 633.8  | 648.4  | 663.1  | 682.9  | 713.2  | 746.6  | 764.3  | 789.4  |
| 35°   | 577.4  | 585.8  | 591.0  | 605.6  | 615.0  | 630.7  | 650.5  | 677.7  | 705.9  | 725.7  | 747.6  |
| 37.5° | 547.2  | 555.5  | 561.8  | 570.1  | 582.7  | 596.2  | 617.1  | 636.9  | 670.4  | 687.1  | 712.1  |
| 40°   | 515.8  | 523.1  | 530.4  | 539.8  | 551.3  | 568.0  | 580.6  | 605.6  | 632.8  | 651.6  | 670.4  |
| 42.5° | 485.5  | 489.7  | 498.1  | 508.5  | 520.0  | 534.6  | 552.4  | 572.2  | 599.4  | 616.1  | 632.8  |
| 45°   | 453.2  | 460.5  | 469.9  | 477.2  | 487.6  | 502.3  | 517.9  | 535.7  | 562.8  | 579.5  | 597.3  |
| 47.5° | 422.9  | 428.1  | 434.4  | 445.9  | 459.4  | 469.9  | 486.6  | 503.3  | 528.4  | 544.0  | 560.7  |
| 50°   | 391.6  | 396.8  | 406.2  | 413.5  | 423.9  | 437.5  | 453.2  | 470.9  | 494.9  | 505.4  | 522.1  |
| 52.5° | 362.3  | 364.4  | 373.8  | 381.1  | 391.6  | 407.2  | 419.8  | 435.4  | 458.4  | 469.9  | 486.6  |
| 55°   | 333.1  | 335.2  | 340.4  | 347.7  | 359.2  | 371.7  | 385.3  | 403.1  | 422.9  | 433.3  | 449.0  |
| 57.5° | 302.8  | 304.9  | 310.1  | 315.3  | 326.8  | 338.3  | 354.0  | 368.6  | 388.4  | 397.8  | 412.5  |
| 60°   | 272.5  | 272.5  | 277.8  | 285.1  | 293.4  | 303.9  | 317.4  | 335.2  | 349.8  | 361.3  | 371.7  |
| 62.5° | 240.2  | 243.3  | 246.4  | 251.6  | 261.0  | 273.6  | 285.1  | 297.6  | 315.3  | 323.7  | 333.1  |
| 65°   | 207.8  | 210.9  | 217.2  | 222.4  | 229.7  | 238.1  | 252.7  | 263.1  | 276.7  | 286.1  | 294.5  |
| 67.5° | 179.6  | 182.7  | 186.9  | 193.2  | 198.4  | 207.8  | 218.2  | 228.7  | 243.3  | 249.6  | 255.8  |
| 70°   | 150.4  | 153.5  | 156.6  | 165.0  | 170.2  | 177.5  | 184.8  | 195.3  | 207.8  | 212.0  | 217.2  |
| 72.5° | 127.4  | 128.4  | 132.6  | 134.7  | 142.0  | 148.3  | 156.6  | 162.9  | 172.3  | 177.5  | 181.7  |
| 75°   | 107.6  | 107.6  | 108.6  | 110.7  | 114.9  | 119.0  | 125.3  | 131.6  | 139.9  | 143.1  | 148.3  |
| 77.5° | 84.6   | 87.7   | 86.7   | 88.8   | 90.8   | 92.9   | 98.2   | 102.3  | 110.7  | 112.8  | 114.9  |
| 80°   | 60.6   | 61.6   | 64.7   | 67.9   | 67.9   | 71.0   | 74.1   | 75.2   | 80.4   | 83.5   | 83.5   |
| 82.5° | 43.9   | 44.9   | 43.9   | 44.9   | 45.9   | 47.0   | 50.1   | 54.3   | 54.3   | 55.3   | 57.4   |
| 85°   | 27.1   | 27.1   | 28.2   | 29.2   | 29.2   | 28.2   | 30.3   | 29.2   | 30.3   | 32.4   | 32.4   |
| 87.5° | 13.6   | 12.5   | 12.5   | 12.5   | 12.5   | 12.5   | 13.6   | 12.5   | 13.6   | 13.6   | 13.6   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

TEST NUMBER: P1007311

CATALOG NUMBER: S125RDW-B850DB30-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|       | 345°   | 350°   | 355°   | 360°   |
|-------|--------|--------|--------|--------|
| 0°    | 1271.8 | 1271.8 | 1271.8 | 1271.8 |
| 2.5°  | 1242.6 | 1252.0 | 1261.4 | 1272.9 |
| 5°    | 1217.5 | 1234.2 | 1252.0 | 1268.7 |
| 7.5°  | 1190.4 | 1214.4 | 1237.4 | 1261.4 |
| 10°   | 1160.1 | 1190.4 | 1216.5 | 1249.9 |
| 12.5° | 1126.7 | 1159.0 | 1195.6 | 1233.2 |
| 15°   | 1093.3 | 1134.0 | 1172.6 | 1215.4 |
| 17.5° | 1061.9 | 1100.6 | 1143.4 | 1194.5 |
| 20°   | 1024.3 | 1067.2 | 1115.2 | 1169.5 |
| 22.5° | 984.7  | 1031.6 | 1083.9 | 1142.3 |
| 25°   | 951.2  | 999.3  | 1049.4 | 1111.0 |
| 27.5° | 914.7  | 964.8  | 1013.9 | 1079.7 |
| 30°   | 872.9  | 927.2  | 977.4  | 1045.2 |
| 32.5° | 833.3  | 887.6  | 942.9  | 1006.6 |
| 35°   | 794.6  | 847.9  | 903.2  | 968.0  |
| 37.5° | 758.1  | 806.1  | 860.4  | 918.9  |
| 40°   | 723.6  | 767.5  | 815.5  | 868.8  |
| 42.5° | 679.8  | 730.9  | 775.8  | 814.5  |
| 45°   | 642.2  | 683.9  | 725.7  | 757.0  |
| 47.5° | 598.3  | 640.1  | 675.6  | 700.6  |
| 50°   | 561.8  | 595.2  | 624.4  | 646.3  |
| 52.5° | 517.9  | 549.2  | 573.3  | 590.0  |
| 55°   | 475.1  | 502.3  | 523.1  | 534.6  |
| 57.5° | 436.5  | 454.2  | 469.9  | 480.3  |
| 60°   | 393.7  | 407.2  | 420.8  | 432.3  |
| 62.5° | 347.7  | 362.3  | 369.6  | 382.2  |
| 65°   | 307.0  | 316.4  | 327.9  | 332.0  |
| 67.5° | 267.3  | 272.5  | 279.8  | 288.2  |
| 70°   | 225.5  | 228.7  | 236.0  | 247.5  |
| 72.5° | 189.0  | 192.1  | 197.3  | 201.5  |
| 75°   | 150.4  | 153.5  | 157.7  | 161.8  |
| 77.5° | 118.0  | 119.0  | 121.1  | 125.3  |
| 80°   | 85.6   | 88.8   | 90.8   | 91.9   |
| 82.5° | 59.5   | 60.6   | 60.6   | 61.6   |
| 85°   | 37.6   | 35.5   | 35.5   | 36.5   |
| 87.5° | 13.6   | 15.7   | 15.7   | 17.8   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    |

(END OF REPORT)