

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: P1038275

Luminaire Tested: S125RDS-B850DB40-4F0-XX-W2A-A

Issue Date: 5/2/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P1038275  
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: S125RDS-B850DB40-4F0-XX-W2A-A  
Description: Define 5 Regressed Direct Surface with 4000K BioUP LEDs {m-DER=0.865} {m-EER=0.951}  
Light Source: -  
Ballast/Driver: -

**Summary**

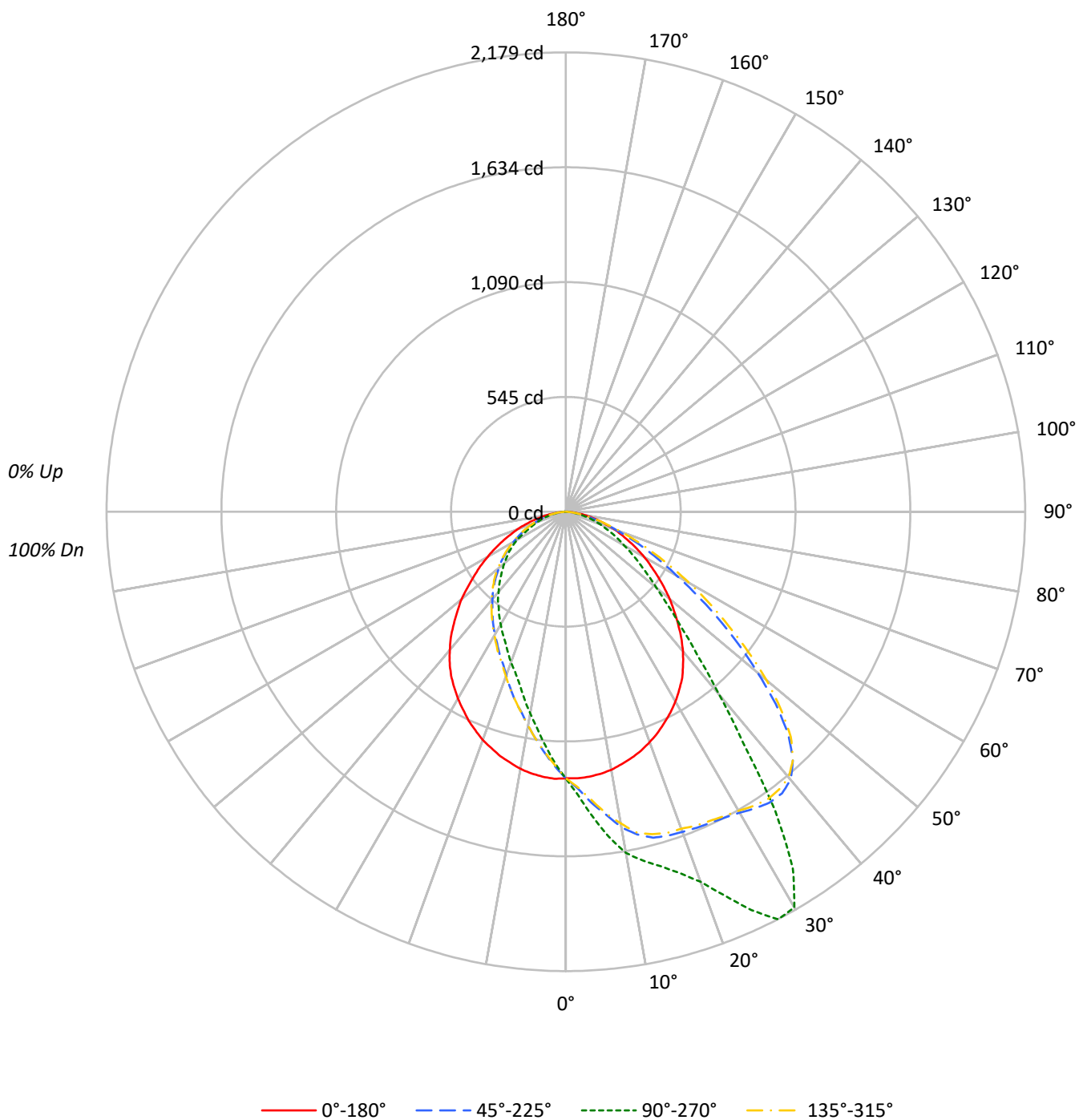
Lumens per Lamp: N/A  
Luminaire Lumens: 3276.0 lumens  
Efficiency: N/A  
Efficacy: 91.3 lumens/watt  
Spacing Criteria (0/90/45): 1.21 / 1.4 / 1.47  
Luminous Opening: Rectangular (W 0.42' x L: 4' x H: 0')  
CIE Type: Direct

Input Watts (W): 35.9  
Input Voltage (V):  
Input Current (A<sub>in</sub>): 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: P1038275

CATALOG NUMBER: S125RDS-B850DB40-4F0-XX-W2A-A

### Luminous Intensity Polar Plot



TEST NUMBER: P1038275

CATALOG NUMBER: S125RDS-B850DB40-4F0-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°  | 8102 | 8102  | 8102 | 8102 |
| 5°  | 8113 | 9321  | 8113 | 7164 |
| 10° | 8085 | 10692 | 8058 | 6322 |
| 15° | 8015 | 11548 | 7960 | 5619 |
| 20° | 7928 | 12734 | 7857 | 5189 |
| 25° | 7809 | 14737 | 7721 | 4814 |
| 30° | 7688 | 16037 | 7573 | 4570 |
| 35° | 7528 | 13528 | 7422 | 4344 |
| 40° | 7224 | 9447  | 7164 | 4150 |
| 45° | 6820 | 7008  | 6810 | 3961 |
| 50° | 6405 | 5588  | 6436 | 3798 |
| 55° | 5937 | 4743  | 5926 | 3653 |
| 60° | 5508 | 4098  | 5481 | 3419 |
| 65° | 5004 | 3652  | 5036 | 2943 |
| 70° | 4608 | 3209  | 4590 | 2684 |
| 75° | 3983 | 2775  | 3983 | 2518 |
| 80° | 3372 | 2107  | 3332 | 2107 |
| 85° | 2669 | 1757  | 2595 | 1985 |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 135°

Vertical Angle: 45°

Luminance: 13678 cd/sqm

TEST NUMBER: P1038275

CATALOG NUMBER: S125RDS-B850DB40-4FO-XX-W2A-A

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 121.3  | 3.7       |
| 10°-20°   | 355.5  | 10.9      |
| 20°-30°   | 563.7  | 17.2      |
| 30°-40°   | 681.1  | 20.8      |
| 40°-50°   | 606.4  | 18.5      |
| 50°-60°   | 465.0  | 14.2      |
| 60°-70°   | 302.0  | 9.2       |
| 70°-80°   | 146.6  | 4.5       |
| 80°-90°   | 34.5   | 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°    | 1040.4 | 31.8      |
| 0°-40°    | 1721.5 | 52.5      |
| 0°-60°    | 2793.0 | 85.3      |
| 0°-90°    | 3276.0 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 3276.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 90°  | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0°  | 1264 | 1264 | 1264 | 1264 | 1264 |      |
| 5°  | 1261 | 1449 | 1261 | 1114 | 1261 | 120  |
| 15° | 1208 | 1741 | 1200 | 847  | 1208 | 341  |
| 25° | 1105 | 2085 | 1092 | 681  | 1105 | 509  |
| 35° | 962  | 1730 | 949  | 555  | 962  | 599  |
| 45° | 753  | 773  | 752  | 437  | 753  | 581  |
| 55° | 532  | 425  | 530  | 327  | 532  | 476  |
| 65° | 330  | 241  | 332  | 194  | 330  | 330  |
| 75° | 161  | 112  | 161  | 102  | 161  | 173  |
| 85° | 36   | 24   | 35   | 27   | 36   | 44   |
| 90° | 0    | 0    | 0    | 0    | 0    |      |

TEST NUMBER: P1038275

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**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 10°    | 15°    | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1264.5 | 1264.5 | 1264.5 | 1264.5 | 1264.5 | 1264.5 | 1264.5 | 1264.5 | 1264.5 | 1264.5 | 1264.5 |
| 2.5°  | 1265.5 | 1275.9 | 1279.0 | 1287.3 | 1296.7 | 1298.7 | 1303.9 | 1311.2 | 1315.3 | 1314.3 | 1314.3 |
| 5°    | 1261.4 | 1279.0 | 1291.5 | 1306.0 | 1323.7 | 1330.9 | 1337.1 | 1352.7 | 1365.2 | 1372.4 | 1384.9 |
| 7.5°  | 1254.1 | 1280.0 | 1300.8 | 1322.6 | 1349.6 | 1362.1 | 1375.6 | 1397.4 | 1420.2 | 1434.7 | 1448.2 |
| 10°   | 1242.7 | 1275.9 | 1305.0 | 1337.1 | 1373.5 | 1392.2 | 1408.8 | 1442.0 | 1470.0 | 1488.7 | 1519.9 |
| 12.5° | 1226.1 | 1267.6 | 1308.1 | 1350.6 | 1396.3 | 1416.0 | 1438.9 | 1475.2 | 1514.7 | 1541.7 | 1567.6 |
| 15°   | 1208.4 | 1258.2 | 1301.9 | 1352.7 | 1407.7 | 1437.8 | 1466.9 | 1505.3 | 1540.6 | 1570.7 | 1600.8 |
| 17.5° | 1187.7 | 1240.6 | 1294.6 | 1352.7 | 1415.0 | 1445.1 | 1470.0 | 1515.7 | 1553.1 | 1583.2 | 1610.2 |
| 20°   | 1162.7 | 1221.9 | 1283.2 | 1347.5 | 1410.9 | 1438.9 | 1462.8 | 1512.6 | 1545.8 | 1578.0 | 1616.4 |
| 22.5° | 1135.7 | 1200.1 | 1265.5 | 1328.8 | 1391.1 | 1421.2 | 1449.3 | 1492.9 | 1529.2 | 1572.8 | 1622.6 |
| 25°   | 1104.6 | 1175.2 | 1241.6 | 1305.0 | 1364.1 | 1392.2 | 1417.1 | 1464.8 | 1515.7 | 1570.7 | 1626.8 |
| 27.5° | 1073.5 | 1142.0 | 1206.3 | 1264.5 | 1328.8 | 1354.8 | 1379.7 | 1439.9 | 1500.1 | 1558.3 | 1635.1 |
| 30°   | 1039.2 | 1108.8 | 1164.8 | 1218.8 | 1281.1 | 1308.1 | 1339.2 | 1407.7 | 1476.3 | 1555.2 | 1648.6 |
| 32.5° | 1000.8 | 1064.1 | 1116.0 | 1172.1 | 1228.1 | 1261.4 | 1300.8 | 1375.6 | 1454.5 | 1548.9 | 1668.3 |
| 35°   | 962.4  | 1013.2 | 1061.0 | 1113.9 | 1181.4 | 1216.7 | 1255.1 | 1334.0 | 1432.7 | 1545.8 | 1684.9 |
| 37.5° | 913.6  | 962.4  | 999.7  | 1053.7 | 1123.3 | 1164.8 | 1203.2 | 1294.6 | 1406.7 | 1538.6 | 1683.9 |
| 40°   | 863.7  | 905.3  | 940.6  | 996.6  | 1072.4 | 1110.8 | 1152.4 | 1252.0 | 1379.7 | 1517.8 | 1659.0 |
| 42.5° | 809.8  | 845.1  | 883.5  | 937.5  | 1011.2 | 1048.5 | 1096.3 | 1212.6 | 1342.3 | 1488.7 | 1594.6 |
| 45°   | 752.7  | 786.9  | 819.1  | 875.2  | 948.9  | 989.4  | 1041.3 | 1160.7 | 1296.7 | 1427.5 | 1490.8 |
| 47.5° | 696.6  | 726.7  | 761.0  | 809.8  | 884.5  | 929.2  | 982.1  | 1109.8 | 1235.4 | 1345.5 | 1350.6 |
| 50°   | 642.6  | 666.5  | 695.6  | 745.4  | 823.3  | 865.8  | 920.8  | 1040.2 | 1162.7 | 1238.5 | 1187.7 |
| 52.5° | 586.6  | 608.4  | 638.5  | 682.1  | 754.7  | 804.6  | 852.3  | 971.7  | 1074.5 | 1125.4 | 1031.9 |
| 55°   | 531.5  | 550.2  | 581.4  | 630.2  | 693.5  | 731.9  | 780.7  | 891.8  | 982.1  | 983.1  | 881.4  |
| 57.5° | 477.6  | 494.2  | 520.1  | 563.7  | 622.9  | 667.5  | 712.2  | 808.7  | 870.0  | 852.3  | 739.2  |
| 60°   | 429.8  | 440.2  | 464.1  | 506.6  | 561.6  | 593.8  | 641.6  | 722.6  | 763.0  | 730.9  | 609.4  |
| 62.5° | 380.0  | 390.3  | 409.0  | 443.3  | 495.2  | 529.5  | 559.6  | 626.0  | 654.0  | 605.2  | 505.6  |
| 65°   | 330.1  | 342.6  | 356.1  | 383.1  | 431.9  | 454.7  | 481.7  | 530.5  | 557.5  | 500.4  | 414.2  |
| 67.5° | 286.5  | 292.8  | 306.3  | 334.3  | 368.5  | 389.3  | 408.0  | 441.2  | 446.4  | 400.7  | 330.1  |
| 70°   | 246.0  | 248.1  | 260.6  | 277.2  | 303.1  | 315.6  | 331.2  | 350.9  | 350.9  | 313.5  | 257.5  |
| 72.5° | 200.4  | 203.5  | 212.8  | 230.5  | 246.0  | 252.3  | 257.5  | 269.9  | 267.8  | 233.6  | 195.2  |
| 75°   | 160.9  | 163.0  | 170.3  | 178.6  | 184.8  | 196.2  | 200.4  | 198.3  | 197.3  | 168.2  | 146.4  |
| 77.5° | 124.6  | 125.6  | 130.8  | 138.1  | 139.1  | 143.3  | 140.2  | 140.2  | 130.8  | 114.2  | 102.8  |
| 80°   | 91.4   | 92.4   | 94.5   | 96.5   | 96.5   | 96.5   | 96.5   | 91.4   | 85.1   | 74.7   | 71.6   |
| 82.5° | 61.3   | 61.3   | 62.3   | 64.4   | 63.3   | 61.3   | 59.2   | 54.0   | 49.8   | 46.7   | 44.6   |
| 85°   | 36.3   | 36.3   | 37.4   | 36.3   | 32.2   | 31.1   | 29.1   | 28.0   | 27.0   | 26.0   | 26.0   |
| 87.5° | 17.6   | 16.6   | 14.5   | 12.5   | 12.5   | 12.5   | 12.5   | 12.5   | 12.5   | 11.4   | 11.4   |
| 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°    | 1264.5 | 1264.5 | 1264.5 | 1264.5 | 1264.5 | 1264.5 | 1264.5 | 1264.5 | 1264.5 | 1264.5 | 1264.5 |
| 2.5°  | 1319.5 | 1326.8 | 1333.0 | 1329.9 | 1342.3 | 1341.3 | 1343.4 | 1347.5 | 1348.6 | 1346.5 | 1342.3 |
| 5°    | 1391.1 | 1401.5 | 1419.2 | 1428.5 | 1426.4 | 1434.7 | 1438.9 | 1445.1 | 1451.3 | 1449.3 | 1449.3 |
| 7.5°  | 1471.1 | 1485.6 | 1503.3 | 1527.1 | 1530.2 | 1537.5 | 1550.0 | 1550.0 | 1557.2 | 1554.1 | 1553.1 |
| 10°   | 1540.6 | 1558.3 | 1586.3 | 1605.0 | 1613.3 | 1617.5 | 1629.9 | 1634.1 | 1642.4 | 1643.4 | 1643.4 |
| 12.5° | 1597.7 | 1628.9 | 1647.6 | 1666.2 | 1670.4 | 1676.6 | 1686.0 | 1692.2 | 1695.3 | 1695.3 | 1692.2 |
| 15°   | 1627.8 | 1652.7 | 1674.5 | 1694.3 | 1705.7 | 1710.9 | 1720.2 | 1727.5 | 1731.6 | 1741.0 | 1743.1 |
| 17.5° | 1640.3 | 1670.4 | 1705.7 | 1733.7 | 1753.4 | 1758.6 | 1777.3 | 1783.6 | 1791.9 | 1796.0 | 1801.2 |
| 20°   | 1657.9 | 1701.5 | 1744.1 | 1778.4 | 1797.1 | 1810.5 | 1830.3 | 1859.3 | 1867.6 | 1867.6 | 1864.5 |
| 22.5° | 1673.5 | 1729.6 | 1787.7 | 1842.7 | 1858.3 | 1885.3 | 1921.6 | 1952.8 | 1965.2 | 1970.4 | 1966.3 |
| 25°   | 1692.2 | 1769.0 | 1844.8 | 1913.3 | 1955.9 | 1975.6 | 2024.4 | 2061.8 | 2076.3 | 2084.6 | 2086.7 |
| 27.5° | 1724.4 | 1820.9 | 1917.5 | 2004.7 | 2048.3 | 2071.1 | 2122.0 | 2154.2 | 2171.8 | 2179.1 | 2173.9 |
| 30°   | 1760.7 | 1879.1 | 1991.2 | 2069.1 | 2098.1 | 2126.1 | 2159.4 | 2171.8 | 2167.7 | 2167.7 | 2183.2 |
| 32.5° | 1798.1 | 1920.6 | 2020.3 | 2071.1 | 2081.5 | 2077.4 | 2063.9 | 2026.5 | 2004.7 | 2004.7 | 2018.2 |
| 35°   | 1818.9 | 1924.7 | 1975.6 | 1959.0 | 1918.5 | 1894.6 | 1820.9 | 1779.4 | 1732.7 | 1729.6 | 1745.1 |
| 37.5° | 1807.4 | 1853.1 | 1832.3 | 1723.3 | 1668.3 | 1622.6 | 1507.4 | 1461.7 | 1427.5 | 1379.7 | 1453.4 |
| 40°   | 1727.5 | 1711.9 | 1604.0 | 1447.2 | 1385.9 | 1321.6 | 1230.2 | 1184.5 | 1136.8 | 1129.5 | 1147.2 |
| 42.5° | 1592.5 | 1500.1 | 1342.3 | 1190.8 | 1128.5 | 1082.8 | 1013.2 | 968.6  | 938.5  | 926.0  | 946.8  |
| 45°   | 1424.4 | 1279.0 | 1121.2 | 1000.8 | 932.3  | 908.4  | 845.1  | 805.6  | 782.8  | 773.4  | 788.0  |
| 47.5° | 1218.8 | 1072.4 | 922.9  | 821.2  | 780.7  | 756.8  | 714.3  | 680.0  | 660.3  | 654.0  | 660.3  |
| 50°   | 1035.0 | 884.5  | 758.9  | 693.5  | 657.2  | 637.4  | 602.1  | 580.3  | 564.8  | 560.6  | 571.0  |
| 52.5° | 876.2  | 739.2  | 643.7  | 585.5  | 561.6  | 545.0  | 520.1  | 501.4  | 492.1  | 487.9  | 495.2  |
| 55°   | 734.0  | 622.9  | 546.1  | 496.2  | 478.6  | 468.2  | 446.4  | 436.0  | 425.6  | 424.6  | 431.9  |
| 57.5° | 608.4  | 531.5  | 460.9  | 425.6  | 420.5  | 404.9  | 386.2  | 376.9  | 371.7  | 370.6  | 373.7  |
| 60°   | 506.6  | 438.1  | 395.5  | 364.4  | 357.1  | 344.7  | 334.3  | 328.1  | 321.8  | 319.8  | 321.8  |
| 62.5° | 421.5  | 367.5  | 333.2  | 312.5  | 302.1  | 299.0  | 287.6  | 280.3  | 279.3  | 279.3  | 281.3  |
| 65°   | 347.8  | 302.1  | 280.3  | 263.7  | 256.4  | 253.3  | 245.0  | 239.8  | 240.9  | 240.9  | 241.9  |
| 67.5° | 283.4  | 250.2  | 230.5  | 222.2  | 215.9  | 214.9  | 206.6  | 204.5  | 202.4  | 202.4  | 204.5  |
| 70°   | 225.3  | 204.5  | 190.0  | 185.8  | 184.8  | 177.5  | 174.4  | 173.4  | 170.3  | 171.3  | 171.3  |
| 72.5° | 176.5  | 163.0  | 154.7  | 148.5  | 149.5  | 145.3  | 141.2  | 141.2  | 139.1  | 142.2  | 142.2  |
| 75°   | 130.8  | 124.6  | 118.4  | 116.3  | 118.4  | 116.3  | 113.2  | 112.1  | 113.2  | 112.1  | 112.1  |
| 77.5° | 96.5   | 93.4   | 91.4   | 90.3   | 90.3   | 86.2   | 84.1   | 86.2   | 82.0   | 84.1   | 84.1   |
| 80°   | 67.5   | 63.3   | 62.3   | 60.2   | 61.3   | 58.1   | 59.2   | 57.1   | 57.1   | 57.1   | 57.1   |
| 82.5° | 42.6   | 41.5   | 41.5   | 41.5   | 40.5   | 40.5   | 40.5   | 40.5   | 40.5   | 40.5   | 39.5   |
| 85°   | 26.0   | 24.9   | 24.9   | 24.9   | 23.9   | 23.9   | 23.9   | 23.9   | 23.9   | 23.9   | 23.9   |
| 87.5° | 10.4   | 11.4   | 11.4   | 12.5   | 11.4   | 10.4   | 10.4   | 10.4   | 11.4   | 11.4   | 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    |

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CATALOG NUMBER: S125RDS-B850DB40-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|       | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1264.5 | 1264.5 | 1264.5 | 1264.5 | 1264.5 | 1264.5 | 1264.5 | 1264.5 | 1264.5 | 1264.5 | 1264.5 |
| 2.5°  | 1347.5 | 1340.3 | 1343.4 | 1340.3 | 1337.1 | 1334.0 | 1326.8 | 1316.4 | 1308.1 | 1301.9 | 1300.8 |
| 5°    | 1451.3 | 1442.0 | 1435.8 | 1432.7 | 1426.4 | 1418.1 | 1404.6 | 1389.1 | 1370.4 | 1363.1 | 1348.6 |
| 7.5°  | 1546.9 | 1543.7 | 1529.2 | 1527.1 | 1523.0 | 1507.4 | 1484.6 | 1463.8 | 1439.9 | 1420.2 | 1401.5 |
| 10°   | 1637.2 | 1629.9 | 1619.5 | 1605.0 | 1602.9 | 1583.2 | 1561.4 | 1532.3 | 1501.2 | 1482.5 | 1449.3 |
| 12.5° | 1693.2 | 1684.9 | 1673.5 | 1664.2 | 1659.0 | 1646.5 | 1616.4 | 1587.3 | 1559.3 | 1525.1 | 1496.0 |
| 15°   | 1733.7 | 1723.3 | 1702.6 | 1695.3 | 1689.1 | 1672.5 | 1650.7 | 1620.6 | 1583.2 | 1559.3 | 1517.8 |
| 17.5° | 1788.7 | 1776.3 | 1755.5 | 1742.0 | 1730.6 | 1704.7 | 1673.5 | 1633.0 | 1597.7 | 1570.7 | 1533.4 |
| 20°   | 1852.1 | 1833.4 | 1806.4 | 1788.7 | 1772.1 | 1742.0 | 1698.4 | 1650.7 | 1599.8 | 1566.6 | 1528.2 |
| 22.5° | 1956.9 | 1921.6 | 1879.1 | 1854.2 | 1831.3 | 1779.4 | 1727.5 | 1668.3 | 1611.2 | 1561.4 | 1514.7 |
| 25°   | 2058.7 | 2023.4 | 1970.4 | 1936.2 | 1900.9 | 1840.7 | 1772.1 | 1690.1 | 1617.5 | 1559.3 | 1498.1 |
| 27.5° | 2153.1 | 2116.8 | 2068.0 | 2026.5 | 1992.2 | 1901.9 | 1811.6 | 1719.2 | 1626.8 | 1546.9 | 1484.6 |
| 30°   | 2174.9 | 2159.4 | 2122.0 | 2085.7 | 2054.5 | 1971.5 | 1866.6 | 1749.3 | 1638.2 | 1535.4 | 1465.9 |
| 32.5° | 2043.1 | 2081.5 | 2090.9 | 2085.7 | 2065.9 | 2006.8 | 1910.2 | 1786.7 | 1654.8 | 1530.2 | 1434.7 |
| 35°   | 1769.0 | 1838.6 | 1910.2 | 1948.6 | 1967.3 | 1975.6 | 1918.5 | 1805.4 | 1666.2 | 1521.9 | 1414.0 |
| 37.5° | 1466.9 | 1534.4 | 1647.6 | 1704.7 | 1768.0 | 1851.0 | 1873.9 | 1801.2 | 1661.1 | 1515.7 | 1380.8 |
| 40°   | 1205.3 | 1291.5 | 1384.9 | 1436.8 | 1491.8 | 1641.3 | 1754.5 | 1746.2 | 1644.4 | 1492.9 | 1354.8 |
| 42.5° | 981.1  | 1035.0 | 1117.1 | 1174.2 | 1241.6 | 1408.8 | 1560.4 | 1635.1 | 1594.6 | 1464.8 | 1321.6 |
| 45°   | 818.1  | 859.6  | 917.7  | 975.9  | 1017.4 | 1169.0 | 1348.6 | 1471.1 | 1509.5 | 1415.0 | 1270.7 |
| 47.5° | 689.3  | 720.5  | 771.4  | 807.7  | 852.3  | 971.7  | 1127.4 | 1299.8 | 1380.8 | 1344.4 | 1216.7 |
| 50°   | 590.7  | 615.6  | 656.1  | 679.0  | 718.4  | 821.2  | 939.5  | 1120.2 | 1242.7 | 1246.8 | 1145.1 |
| 52.5° | 504.5  | 529.5  | 563.7  | 583.4  | 607.3  | 676.9  | 796.3  | 948.9  | 1090.1 | 1142.0 | 1063.1 |
| 55°   | 439.1  | 453.7  | 481.7  | 497.3  | 519.1  | 586.6  | 662.3  | 792.1  | 939.5  | 1024.7 | 974.8  |
| 57.5° | 378.9  | 394.5  | 412.1  | 424.6  | 440.2  | 494.2  | 562.7  | 660.3  | 806.6  | 899.0  | 882.4  |
| 60°   | 330.1  | 339.5  | 356.1  | 365.4  | 380.0  | 415.3  | 463.0  | 560.6  | 676.9  | 764.1  | 773.4  |
| 62.5° | 284.5  | 292.8  | 304.2  | 312.5  | 321.8  | 349.9  | 385.2  | 454.7  | 556.5  | 650.9  | 663.4  |
| 65°   | 245.0  | 252.3  | 258.5  | 265.8  | 273.0  | 290.7  | 320.8  | 374.8  | 453.7  | 541.9  | 568.9  |
| 67.5° | 209.7  | 211.8  | 221.1  | 222.2  | 226.3  | 239.8  | 261.6  | 305.2  | 362.3  | 432.9  | 468.2  |
| 70°   | 175.4  | 179.6  | 181.7  | 184.8  | 188.9  | 198.3  | 215.9  | 238.8  | 281.3  | 338.4  | 371.7  |
| 72.5° | 142.2  | 143.3  | 146.4  | 148.5  | 152.6  | 159.9  | 168.2  | 185.8  | 212.8  | 254.3  | 284.5  |
| 75°   | 113.2  | 114.2  | 116.3  | 117.3  | 120.4  | 122.5  | 126.7  | 139.1  | 157.8  | 182.7  | 204.5  |
| 77.5° | 85.1   | 87.2   | 89.3   | 89.3   | 90.3   | 92.4   | 94.5   | 98.6   | 108.0  | 124.6  | 143.3  |
| 80°   | 58.1   | 59.2   | 59.2   | 60.2   | 59.2   | 62.3   | 65.4   | 70.6   | 74.7   | 79.9   | 89.3   |
| 82.5° | 40.5   | 40.5   | 40.5   | 41.5   | 41.5   | 42.6   | 42.6   | 43.6   | 44.6   | 47.8   | 51.9   |
| 85°   | 24.9   | 24.9   | 26.0   | 23.9   | 24.9   | 26.0   | 26.0   | 24.9   | 26.0   | 27.0   | 28.0   |
| 87.5° | 10.4   | 10.4   | 11.4   | 11.4   | 11.4   | 11.4   | 10.4   | 11.4   | 10.4   | 11.4   | 11.4   |
| 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: P1038275

CATALOG NUMBER: S125RDS-B850DB40-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|       | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1264.5 | 1264.5 | 1264.5 | 1264.5 | 1264.5 | 1264.5 | 1264.5 | 1264.5 | 1264.5 | 1264.5 | 1264.5 |
| 2.5°  | 1297.7 | 1291.5 | 1287.3 | 1286.3 | 1280.0 | 1274.9 | 1268.6 | 1267.6 | 1264.5 | 1256.2 | 1251.0 |
| 5°    | 1338.2 | 1323.7 | 1320.5 | 1311.2 | 1295.6 | 1284.2 | 1269.7 | 1261.4 | 1252.0 | 1236.4 | 1224.0 |
| 7.5°  | 1379.7 | 1360.0 | 1345.5 | 1332.0 | 1310.2 | 1289.4 | 1268.6 | 1252.0 | 1235.4 | 1212.6 | 1193.9 |
| 10°   | 1420.2 | 1390.1 | 1372.4 | 1352.7 | 1322.6 | 1291.5 | 1262.4 | 1238.5 | 1211.5 | 1184.5 | 1157.5 |
| 12.5° | 1457.6 | 1419.2 | 1393.2 | 1365.2 | 1327.8 | 1289.4 | 1252.0 | 1218.8 | 1190.8 | 1154.4 | 1124.3 |
| 15°   | 1480.4 | 1437.8 | 1411.9 | 1384.9 | 1328.8 | 1286.3 | 1242.7 | 1200.1 | 1162.7 | 1124.3 | 1096.3 |
| 17.5° | 1493.9 | 1446.2 | 1417.1 | 1392.2 | 1335.1 | 1276.9 | 1220.9 | 1175.2 | 1134.7 | 1089.0 | 1051.7 |
| 20°   | 1487.7 | 1441.0 | 1414.0 | 1390.1 | 1323.7 | 1265.5 | 1205.3 | 1152.4 | 1101.5 | 1054.8 | 1015.3 |
| 22.5° | 1474.2 | 1425.4 | 1395.3 | 1373.5 | 1314.3 | 1245.8 | 1179.3 | 1122.2 | 1069.3 | 1022.6 | 977.9  |
| 25°   | 1445.1 | 1397.4 | 1371.4 | 1344.4 | 1286.3 | 1220.9 | 1153.4 | 1092.1 | 1036.1 | 986.3  | 936.4  |
| 27.5° | 1419.2 | 1361.0 | 1334.0 | 1310.2 | 1248.9 | 1190.8 | 1124.3 | 1056.8 | 999.7  | 947.8  | 898.0  |
| 30°   | 1389.1 | 1323.7 | 1294.6 | 1262.4 | 1207.4 | 1152.4 | 1085.9 | 1023.6 | 964.4  | 909.4  | 861.7  |
| 32.5° | 1356.9 | 1281.1 | 1247.9 | 1211.5 | 1155.5 | 1103.6 | 1047.5 | 986.3  | 927.1  | 873.1  | 823.3  |
| 35°   | 1315.3 | 1234.4 | 1196.0 | 1161.7 | 1103.6 | 1051.7 | 999.7  | 948.9  | 889.7  | 832.6  | 784.8  |
| 37.5° | 1275.9 | 1186.6 | 1146.1 | 1106.7 | 1045.4 | 995.6  | 953.0  | 905.3  | 848.2  | 793.2  | 747.5  |
| 40°   | 1231.3 | 1128.5 | 1087.0 | 1050.6 | 987.3  | 932.3  | 893.9  | 856.5  | 806.6  | 753.7  | 703.9  |
| 42.5° | 1190.8 | 1074.5 | 1030.9 | 993.5  | 927.1  | 875.2  | 838.8  | 807.7  | 764.1  | 715.3  | 664.4  |
| 45°   | 1134.7 | 1016.4 | 971.7  | 932.3  | 864.8  | 816.0  | 778.6  | 751.6  | 717.4  | 671.7  | 626.0  |
| 47.5° | 1082.8 | 960.3  | 911.5  | 863.7  | 802.5  | 752.7  | 718.4  | 697.6  | 674.8  | 634.3  | 587.6  |
| 50°   | 1019.5 | 895.9  | 846.1  | 806.6  | 737.1  | 694.5  | 660.3  | 645.7  | 625.0  | 586.6  | 549.2  |
| 52.5° | 951.0  | 833.6  | 786.9  | 739.2  | 674.8  | 633.3  | 603.2  | 586.6  | 569.9  | 541.9  | 506.6  |
| 55°   | 871.0  | 764.1  | 720.5  | 677.9  | 613.6  | 575.1  | 548.1  | 530.5  | 521.2  | 495.2  | 469.2  |
| 57.5° | 794.2  | 693.5  | 653.0  | 613.6  | 557.5  | 513.9  | 496.2  | 480.7  | 467.2  | 448.5  | 426.7  |
| 60°   | 716.3  | 625.0  | 581.4  | 546.1  | 497.3  | 457.8  | 443.3  | 427.7  | 417.3  | 402.8  | 387.2  |
| 62.5° | 627.0  | 549.2  | 516.0  | 482.7  | 441.2  | 410.1  | 393.5  | 381.0  | 367.5  | 358.2  | 344.7  |
| 65°   | 532.6  | 477.6  | 445.4  | 420.5  | 381.0  | 353.0  | 340.5  | 332.2  | 320.8  | 311.4  | 301.1  |
| 67.5° | 444.3  | 400.7  | 387.2  | 360.2  | 330.1  | 305.2  | 295.9  | 285.5  | 276.2  | 271.0  | 261.6  |
| 70°   | 359.2  | 328.1  | 314.6  | 307.3  | 274.1  | 257.5  | 249.2  | 245.0  | 233.6  | 228.4  | 222.2  |
| 72.5° | 278.2  | 266.8  | 257.5  | 248.1  | 226.3  | 215.9  | 206.6  | 202.4  | 194.1  | 190.0  | 187.9  |
| 75°   | 205.6  | 198.3  | 193.1  | 192.1  | 182.7  | 172.3  | 163.0  | 160.9  | 154.7  | 150.5  | 148.5  |
| 77.5° | 144.3  | 142.2  | 141.2  | 142.2  | 136.0  | 129.8  | 127.7  | 125.6  | 118.4  | 117.3  | 117.3  |
| 80°   | 94.5   | 99.7   | 99.7   | 98.6   | 96.5   | 95.5   | 92.4   | 90.3   | 86.2   | 85.1   | 86.2   |
| 82.5° | 58.1   | 61.3   | 62.3   | 64.4   | 63.3   | 62.3   | 60.2   | 59.2   | 60.2   | 58.1   | 59.2   |
| 85°   | 29.1   | 31.1   | 35.3   | 35.3   | 36.3   | 36.3   | 36.3   | 35.3   | 33.2   | 34.3   | 33.2   |
| 87.5° | 11.4   | 12.5   | 12.5   | 12.5   | 11.4   | 14.5   | 15.6   | 15.6   | 15.6   | 13.5   | 13.5   |
| 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: P1038275

CATALOG NUMBER: S125RDS-B850DB40-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|       | 200°   | 202.5° | 205°   | 210°   | 215°   | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1264.5 | 1264.5 | 1264.5 | 1264.5 | 1264.5 | 1264.5 | 1264.5 | 1264.5 | 1264.5 | 1264.5 | 1264.5 |
| 2.5°  | 1247.9 | 1243.7 | 1240.6 | 1237.5 | 1224.0 | 1209.5 | 1207.4 | 1204.3 | 1198.0 | 1205.3 | 1202.2 |
| 5°    | 1215.7 | 1206.3 | 1201.1 | 1187.7 | 1171.0 | 1158.6 | 1148.2 | 1135.7 | 1130.6 | 1126.4 | 1125.4 |
| 7.5°  | 1176.2 | 1167.9 | 1158.6 | 1145.1 | 1124.3 | 1103.6 | 1088.0 | 1075.5 | 1065.2 | 1060.0 | 1060.0 |
| 10°   | 1137.8 | 1127.4 | 1115.0 | 1092.1 | 1072.4 | 1046.5 | 1029.9 | 1017.4 | 1002.9 | 994.6  | 987.3  |
| 12.5° | 1098.4 | 1087.0 | 1075.5 | 1046.5 | 1023.6 | 996.6  | 972.8  | 957.2  | 949.9  | 940.6  | 928.1  |
| 15°   | 1058.9 | 1041.3 | 1029.9 | 1000.8 | 971.7  | 944.7  | 929.2  | 912.5  | 895.9  | 886.6  | 882.4  |
| 17.5° | 1017.4 | 1004.9 | 986.3  | 955.1  | 922.9  | 899.0  | 876.2  | 860.6  | 840.9  | 831.6  | 822.2  |
| 20°   | 980.0  | 961.3  | 942.6  | 911.5  | 880.4  | 848.2  | 825.3  | 806.6  | 794.2  | 786.9  | 778.6  |
| 22.5° | 935.4  | 917.7  | 902.2  | 868.9  | 834.7  | 804.6  | 779.7  | 768.2  | 755.8  | 744.4  | 736.1  |
| 25°   | 897.0  | 879.3  | 863.7  | 827.4  | 790.0  | 762.0  | 743.3  | 728.8  | 715.3  | 710.1  | 701.8  |
| 27.5° | 856.5  | 839.9  | 819.1  | 782.8  | 749.6  | 725.7  | 705.9  | 692.5  | 682.1  | 671.7  | 665.5  |
| 30°   | 818.1  | 799.4  | 780.7  | 741.2  | 714.3  | 690.4  | 671.7  | 655.1  | 646.8  | 641.6  | 631.2  |
| 32.5° | 780.7  | 756.8  | 741.2  | 704.9  | 679.0  | 656.1  | 640.5  | 626.0  | 615.6  | 606.3  | 598.0  |
| 35°   | 740.2  | 714.3  | 698.7  | 668.6  | 641.6  | 618.7  | 605.2  | 594.9  | 582.4  | 574.1  | 569.9  |
| 37.5° | 701.8  | 680.0  | 664.4  | 633.3  | 606.3  | 587.6  | 573.1  | 559.6  | 554.4  | 543.0  | 540.9  |
| 40°   | 660.3  | 641.6  | 627.0  | 596.9  | 572.0  | 557.5  | 541.9  | 529.5  | 520.1  | 514.9  | 507.7  |
| 42.5° | 622.9  | 607.3  | 591.8  | 563.7  | 539.8  | 522.2  | 510.8  | 499.4  | 491.0  | 482.7  | 477.6  |
| 45°   | 588.6  | 572.0  | 557.5  | 530.5  | 506.6  | 491.0  | 479.6  | 466.1  | 464.1  | 452.6  | 447.4  |
| 47.5° | 552.3  | 537.8  | 525.3  | 497.3  | 475.5  | 459.9  | 446.4  | 437.1  | 427.7  | 423.6  | 416.3  |
| 50°   | 517.0  | 502.5  | 487.9  | 463.0  | 443.3  | 427.7  | 414.2  | 403.8  | 398.7  | 392.4  | 386.2  |
| 52.5° | 478.6  | 467.2  | 455.8  | 429.8  | 410.1  | 396.6  | 385.2  | 371.7  | 366.5  | 361.3  | 357.1  |
| 55°   | 446.4  | 429.8  | 417.3  | 395.5  | 377.9  | 363.4  | 350.9  | 340.5  | 335.3  | 331.2  | 326.0  |
| 57.5° | 402.8  | 392.4  | 382.0  | 362.3  | 345.7  | 331.2  | 318.7  | 310.4  | 304.2  | 301.1  | 302.1  |
| 60°   | 365.4  | 354.0  | 347.8  | 327.0  | 310.4  | 299.0  | 287.6  | 279.3  | 273.0  | 269.9  | 268.9  |
| 62.5° | 326.0  | 317.7  | 306.3  | 291.7  | 275.1  | 264.7  | 256.4  | 250.2  | 239.8  | 238.8  | 235.7  |
| 65°   | 287.6  | 281.3  | 271.0  | 257.5  | 244.0  | 234.6  | 225.3  | 217.0  | 212.8  | 207.6  | 204.5  |
| 67.5° | 250.2  | 244.0  | 234.6  | 223.2  | 213.9  | 204.5  | 196.2  | 187.9  | 180.6  | 176.5  | 174.4  |
| 70°   | 213.9  | 208.7  | 202.4  | 188.9  | 177.5  | 170.3  | 164.0  | 158.8  | 151.6  | 149.5  | 148.5  |
| 72.5° | 178.6  | 173.4  | 170.3  | 158.8  | 148.5  | 142.2  | 136.0  | 130.8  | 127.7  | 126.7  | 123.5  |
| 75°   | 146.4  | 141.2  | 137.0  | 126.7  | 120.4  | 116.3  | 110.0  | 108.0  | 104.9  | 103.8  | 102.8  |
| 77.5° | 114.2  | 109.0  | 108.0  | 100.7  | 93.4   | 91.4   | 89.3   | 85.1   | 85.1   | 85.1   | 83.1   |
| 80°   | 82.0   | 81.0   | 79.9   | 72.7   | 69.6   | 67.5   | 66.4   | 63.3   | 61.3   | 59.2   | 58.1   |
| 82.5° | 55.0   | 54.0   | 52.9   | 49.8   | 46.7   | 45.7   | 44.6   | 42.6   | 42.6   | 43.6   | 41.5   |
| 85°   | 33.2   | 31.1   | 30.1   | 29.1   | 27.0   | 27.0   | 28.0   | 27.0   | 27.0   | 27.0   | 26.0   |
| 87.5° | 12.5   | 12.5   | 12.5   | 12.5   | 13.5   | 11.4   | 12.5   | 12.5   | 11.4   | 11.4   | 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: P1038275

CATALOG NUMBER: S125RDS-B850DB40-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|       | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1264.5 | 1264.5 | 1264.5 | 1264.5 | 1264.5 | 1264.5 | 1264.5 | 1264.5 | 1264.5 | 1264.5 | 1264.5 |
| 2.5°  | 1197.0 | 1199.1 | 1193.9 | 1191.8 | 1187.7 | 1192.8 | 1193.9 | 1192.8 | 1202.2 | 1198.0 | 1200.1 |
| 5°    | 1127.4 | 1123.3 | 1120.2 | 1112.9 | 1112.9 | 1113.9 | 1117.1 | 1111.9 | 1115.0 | 1122.2 | 1121.2 |
| 7.5°  | 1050.6 | 1048.5 | 1049.6 | 1041.3 | 1035.0 | 1037.1 | 1035.0 | 1044.4 | 1049.6 | 1047.5 | 1051.7 |
| 10°   | 981.1  | 985.2  | 975.9  | 971.7  | 967.6  | 971.7  | 970.7  | 972.8  | 979.0  | 983.1  | 990.4  |
| 12.5° | 925.0  | 924.0  | 918.8  | 914.6  | 907.4  | 909.4  | 915.7  | 913.6  | 914.6  | 924.0  | 922.9  |
| 15°   | 872.1  | 865.8  | 861.7  | 852.3  | 854.4  | 847.1  | 853.4  | 860.6  | 863.7  | 872.1  | 877.2  |
| 17.5° | 819.1  | 818.1  | 812.9  | 811.8  | 800.4  | 797.3  | 803.5  | 805.6  | 808.7  | 812.9  | 820.1  |
| 20°   | 774.5  | 773.4  | 766.2  | 764.1  | 754.7  | 761.0  | 758.9  | 763.0  | 765.1  | 773.4  | 776.5  |
| 22.5° | 734.0  | 728.8  | 726.7  | 723.6  | 720.5  | 719.4  | 723.6  | 722.6  | 729.8  | 732.9  | 734.0  |
| 25°   | 696.6  | 692.5  | 691.4  | 686.2  | 684.1  | 681.0  | 684.1  | 687.3  | 695.6  | 698.7  | 702.8  |
| 27.5° | 662.3  | 659.2  | 657.2  | 653.0  | 649.9  | 649.9  | 652.0  | 656.1  | 659.2  | 661.3  | 663.4  |
| 30°   | 631.2  | 629.1  | 622.9  | 620.8  | 617.7  | 617.7  | 617.7  | 619.8  | 625.0  | 631.2  | 634.3  |
| 32.5° | 599.0  | 594.9  | 590.7  | 590.7  | 587.6  | 587.6  | 588.6  | 590.7  | 595.9  | 596.9  | 602.1  |
| 35°   | 567.9  | 563.7  | 560.6  | 558.5  | 559.6  | 555.4  | 557.5  | 560.6  | 566.8  | 568.9  | 572.0  |
| 37.5° | 537.8  | 536.7  | 530.5  | 527.4  | 529.5  | 529.5  | 528.4  | 530.5  | 534.7  | 538.8  | 540.9  |
| 40°   | 504.5  | 502.5  | 502.5  | 499.4  | 500.4  | 496.2  | 499.4  | 501.4  | 503.5  | 507.7  | 510.8  |
| 42.5° | 475.5  | 473.4  | 469.2  | 470.3  | 467.2  | 467.2  | 469.2  | 470.3  | 473.4  | 478.6  | 480.7  |
| 45°   | 444.3  | 444.3  | 442.3  | 439.1  | 440.2  | 437.1  | 439.1  | 440.2  | 444.3  | 449.5  | 447.4  |
| 47.5° | 414.2  | 413.2  | 413.2  | 409.0  | 411.1  | 408.0  | 411.1  | 412.1  | 414.2  | 417.3  | 416.3  |
| 50°   | 385.2  | 382.0  | 383.1  | 382.0  | 381.0  | 381.0  | 383.1  | 383.1  | 385.2  | 385.2  | 388.3  |
| 52.5° | 355.1  | 355.1  | 353.0  | 354.0  | 356.1  | 354.0  | 357.1  | 354.0  | 356.1  | 357.1  | 359.2  |
| 55°   | 328.1  | 326.0  | 327.0  | 326.0  | 330.1  | 327.0  | 330.1  | 328.1  | 330.1  | 329.1  | 331.2  |
| 57.5° | 299.0  | 295.9  | 296.9  | 295.9  | 299.0  | 298.0  | 301.1  | 298.0  | 299.0  | 300.0  | 303.1  |
| 60°   | 265.8  | 265.8  | 265.8  | 263.7  | 266.8  | 266.8  | 265.8  | 265.8  | 269.9  | 272.0  | 271.0  |
| 62.5° | 234.6  | 233.6  | 230.5  | 229.4  | 230.5  | 228.4  | 232.5  | 231.5  | 233.6  | 235.7  | 237.7  |
| 65°   | 200.4  | 198.3  | 197.3  | 195.2  | 195.2  | 194.1  | 195.2  | 199.3  | 200.4  | 201.4  | 206.6  |
| 67.5° | 172.3  | 171.3  | 170.3  | 167.1  | 167.1  | 169.2  | 169.2  | 169.2  | 175.4  | 172.3  | 176.5  |
| 70°   | 147.4  | 145.3  | 143.3  | 142.2  | 142.2  | 143.3  | 144.3  | 145.3  | 144.3  | 148.5  | 149.5  |
| 72.5° | 123.5  | 124.6  | 122.5  | 122.5  | 122.5  | 121.5  | 121.5  | 123.5  | 124.6  | 123.5  | 124.6  |
| 75°   | 102.8  | 102.8  | 101.7  | 102.8  | 102.8  | 101.7  | 101.7  | 103.8  | 103.8  | 102.8  | 105.9  |
| 77.5° | 83.1   | 82.0   | 79.9   | 77.9   | 78.9   | 77.9   | 78.9   | 77.9   | 81.0   | 84.1   | 82.0   |
| 80°   | 58.1   | 57.1   | 57.1   | 57.1   | 58.1   | 57.1   | 59.2   | 57.1   | 58.1   | 58.1   | 59.2   |
| 82.5° | 41.5   | 42.6   | 42.6   | 41.5   | 42.6   | 41.5   | 42.6   | 42.6   | 42.6   | 41.5   | 42.6   |
| 85°   | 27.0   | 27.0   | 27.0   | 27.0   | 26.0   | 27.0   | 27.0   | 27.0   | 28.0   | 27.0   | 28.0   |
| 87.5° | 11.4   | 11.4   | 11.4   | 11.4   | 11.4   | 11.4   | 11.4   | 11.4   | 12.5   | 11.4   | 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: P1038275

CATALOG NUMBER: S125RDS-B850DB40-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|       | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 337.5° | 340°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1264.5 | 1264.5 | 1264.5 | 1264.5 | 1264.5 | 1264.5 | 1264.5 | 1264.5 | 1264.5 | 1264.5 | 1264.5 |
| 2.5°  | 1196.0 | 1201.1 | 1197.0 | 1193.9 | 1202.2 | 1206.3 | 1206.3 | 1213.6 | 1220.9 | 1227.1 | 1228.1 |
| 5°    | 1122.2 | 1130.6 | 1132.6 | 1131.6 | 1144.1 | 1150.3 | 1163.8 | 1171.0 | 1181.4 | 1188.7 | 1197.0 |
| 7.5°  | 1054.8 | 1066.2 | 1067.2 | 1069.3 | 1088.0 | 1098.4 | 1109.8 | 1128.5 | 1143.0 | 1153.4 | 1162.7 |
| 10°   | 987.3  | 994.6  | 1001.8 | 1011.2 | 1029.9 | 1047.5 | 1064.1 | 1083.8 | 1102.5 | 1112.9 | 1126.4 |
| 12.5° | 936.4  | 941.6  | 949.9  | 956.1  | 975.9  | 991.4  | 1013.2 | 1040.2 | 1067.2 | 1075.5 | 1092.1 |
| 15°   | 883.5  | 886.6  | 903.2  | 909.4  | 926.0  | 952.0  | 965.5  | 991.4  | 1020.5 | 1036.1 | 1054.8 |
| 17.5° | 822.2  | 840.9  | 851.3  | 858.6  | 879.3  | 900.1  | 921.9  | 948.9  | 986.3  | 1000.8 | 1014.3 |
| 20°   | 778.6  | 792.1  | 803.5  | 812.9  | 831.6  | 862.7  | 882.4  | 904.2  | 939.5  | 956.1  | 975.9  |
| 22.5° | 740.2  | 751.6  | 762.0  | 772.4  | 784.8  | 812.9  | 835.7  | 865.8  | 901.1  | 916.7  | 939.5  |
| 25°   | 703.9  | 715.3  | 721.5  | 734.0  | 750.6  | 770.3  | 797.3  | 824.3  | 859.6  | 877.2  | 899.0  |
| 27.5° | 668.6  | 680.0  | 691.4  | 701.8  | 713.2  | 731.9  | 750.6  | 784.8  | 821.2  | 841.9  | 860.6  |
| 30°   | 638.5  | 643.7  | 654.0  | 665.5  | 676.9  | 694.5  | 716.3  | 740.2  | 781.7  | 800.4  | 823.3  |
| 32.5° | 605.2  | 614.6  | 621.9  | 630.2  | 644.7  | 659.2  | 679.0  | 709.1  | 742.3  | 759.9  | 784.8  |
| 35°   | 574.1  | 582.4  | 587.6  | 602.1  | 611.5  | 627.0  | 646.8  | 673.8  | 701.8  | 721.5  | 743.3  |
| 37.5° | 544.0  | 552.3  | 558.5  | 566.8  | 579.3  | 592.8  | 613.6  | 633.3  | 666.5  | 683.1  | 708.0  |
| 40°   | 512.9  | 520.1  | 527.4  | 536.7  | 548.1  | 564.8  | 577.2  | 602.1  | 629.1  | 647.8  | 666.5  |
| 42.5° | 482.7  | 486.9  | 495.2  | 505.6  | 517.0  | 531.5  | 549.2  | 568.9  | 595.9  | 612.5  | 629.1  |
| 45°   | 450.6  | 457.8  | 467.2  | 474.4  | 484.8  | 499.4  | 514.9  | 532.6  | 559.6  | 576.2  | 593.8  |
| 47.5° | 420.5  | 425.6  | 431.9  | 443.3  | 456.8  | 467.2  | 483.8  | 500.4  | 525.3  | 540.9  | 557.5  |
| 50°   | 389.3  | 394.5  | 403.8  | 411.1  | 421.5  | 435.0  | 450.6  | 468.2  | 492.1  | 502.5  | 519.1  |
| 52.5° | 360.2  | 362.3  | 371.7  | 378.9  | 389.3  | 404.9  | 417.3  | 432.9  | 455.8  | 467.2  | 483.8  |
| 55°   | 331.2  | 333.2  | 338.4  | 345.7  | 357.1  | 369.6  | 383.1  | 400.7  | 420.5  | 430.8  | 446.4  |
| 57.5° | 301.1  | 303.1  | 308.3  | 313.5  | 324.9  | 336.4  | 351.9  | 366.5  | 386.2  | 395.5  | 410.1  |
| 60°   | 271.0  | 271.0  | 276.2  | 283.4  | 291.7  | 302.1  | 315.6  | 333.2  | 347.8  | 359.2  | 369.6  |
| 62.5° | 238.8  | 241.9  | 245.0  | 250.2  | 259.5  | 272.0  | 283.4  | 295.9  | 313.5  | 321.8  | 331.2  |
| 65°   | 206.6  | 209.7  | 215.9  | 221.1  | 228.4  | 236.7  | 251.2  | 261.6  | 275.1  | 284.5  | 292.8  |
| 67.5° | 178.6  | 181.7  | 185.8  | 192.1  | 197.3  | 206.6  | 217.0  | 227.4  | 241.9  | 248.1  | 254.3  |
| 70°   | 149.5  | 152.6  | 155.7  | 164.0  | 169.2  | 176.5  | 183.8  | 194.1  | 206.6  | 210.7  | 215.9  |
| 72.5° | 126.7  | 127.7  | 131.8  | 133.9  | 141.2  | 147.4  | 155.7  | 162.0  | 171.3  | 176.5  | 180.6  |
| 75°   | 106.9  | 106.9  | 108.0  | 110.0  | 114.2  | 118.4  | 124.6  | 130.8  | 139.1  | 142.2  | 147.4  |
| 77.5° | 84.1   | 87.2   | 86.2   | 88.2   | 90.3   | 92.4   | 97.6   | 101.7  | 110.0  | 112.1  | 114.2  |
| 80°   | 60.2   | 61.3   | 64.4   | 67.5   | 67.5   | 70.6   | 73.7   | 74.7   | 79.9   | 83.1   | 83.1   |
| 82.5° | 43.6   | 44.6   | 43.6   | 44.6   | 45.7   | 46.7   | 49.8   | 54.0   | 54.0   | 55.0   | 57.1   |
| 85°   | 27.0   | 27.0   | 28.0   | 29.1   | 29.1   | 28.0   | 30.1   | 29.1   | 30.1   | 32.2   | 32.2   |
| 87.5° | 13.5   | 12.5   | 12.5   | 12.5   | 12.5   | 12.5   | 13.5   | 12.5   | 13.5   | 13.5   | 13.5   |
| 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: P1038275

CATALOG NUMBER: S125RDS-B850DB40-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|       | 345°   | 350°   | 355°   | 360°   |
|-------|--------|--------|--------|--------|
| 0°    | 1264.5 | 1264.5 | 1264.5 | 1264.5 |
| 2.5°  | 1235.4 | 1244.8 | 1254.1 | 1265.5 |
| 5°    | 1210.5 | 1227.1 | 1244.8 | 1261.4 |
| 7.5°  | 1183.5 | 1207.4 | 1230.2 | 1254.1 |
| 10°   | 1153.4 | 1183.5 | 1209.5 | 1242.7 |
| 12.5° | 1120.2 | 1152.4 | 1188.7 | 1226.1 |
| 15°   | 1087.0 | 1127.4 | 1165.9 | 1208.4 |
| 17.5° | 1055.8 | 1094.2 | 1136.8 | 1187.7 |
| 20°   | 1018.4 | 1061.0 | 1108.8 | 1162.7 |
| 22.5° | 979.0  | 1025.7 | 1077.6 | 1135.7 |
| 25°   | 945.8  | 993.5  | 1043.3 | 1104.6 |
| 27.5° | 909.4  | 959.3  | 1008.1 | 1073.5 |
| 30°   | 867.9  | 921.9  | 971.7  | 1039.2 |
| 32.5° | 828.5  | 882.4  | 937.5  | 1000.8 |
| 35°   | 790.0  | 843.0  | 898.0  | 962.4  |
| 37.5° | 753.7  | 801.5  | 855.4  | 913.6  |
| 40°   | 719.4  | 763.0  | 810.8  | 863.7  |
| 42.5° | 675.8  | 726.7  | 771.4  | 809.8  |
| 45°   | 638.5  | 680.0  | 721.5  | 752.7  |
| 47.5° | 594.9  | 636.4  | 671.7  | 696.6  |
| 50°   | 558.5  | 591.8  | 620.8  | 642.6  |
| 52.5° | 514.9  | 546.1  | 569.9  | 586.6  |
| 55°   | 472.4  | 499.4  | 520.1  | 531.5  |
| 57.5° | 434.0  | 451.6  | 467.2  | 477.6  |
| 60°   | 391.4  | 404.9  | 418.4  | 429.8  |
| 62.5° | 345.7  | 360.2  | 367.5  | 380.0  |
| 65°   | 305.2  | 314.6  | 326.0  | 330.1  |
| 67.5° | 265.8  | 271.0  | 278.2  | 286.5  |
| 70°   | 224.2  | 227.4  | 234.6  | 246.0  |
| 72.5° | 187.9  | 191.0  | 196.2  | 200.4  |
| 75°   | 149.5  | 152.6  | 156.8  | 160.9  |
| 77.5° | 117.3  | 118.4  | 120.4  | 124.6  |
| 80°   | 85.1   | 88.2   | 90.3   | 91.4   |
| 82.5° | 59.2   | 60.2   | 60.2   | 61.3   |
| 85°   | 37.4   | 35.3   | 35.3   | 36.3   |
| 87.5° | 13.5   | 15.6   | 15.6   | 17.6   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    |

(END OF REPORT)