

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: P1038076

Luminaire Tested: S125DS-B850DB50-4F0-XX-W2A-A

Issue Date: 5/2/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P1038076  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1802-639-22)  
Test Lab: INNOVATION CENTER  
Issue Date: 5/2/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: S125DS-B850DB50-4F0-XX-W2A-A  
Description: Define 5 Direct Surface with 5000K BioUP LEDs {m-DER=1.015} {m-EER=1.115}  
Light Source: -  
Ballast/Driver: -

**Summary**

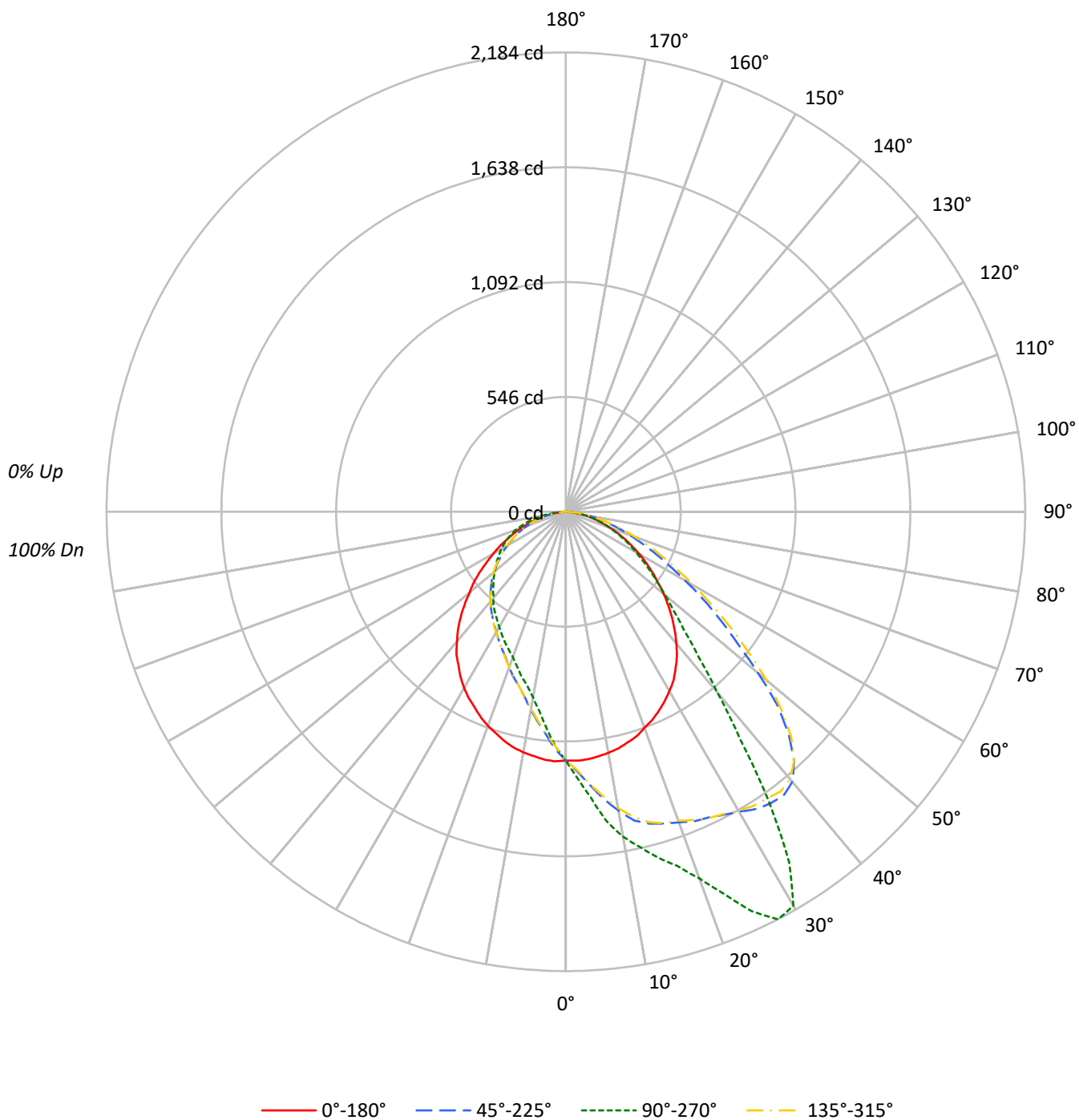
Lumens per Lamp: N/A  
Luminaire Lumens: 3337.0 lumens  
Efficiency: N/A  
Efficacy: 93.0 lumens/watt  
Spacing Criteria (0/90/45): 1.23 / 1.43 / 1.52  
Luminous Opening: Rectangular (W 0.42' x L: 4' x H: 0')  
CIE Type: Direct

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: P1038076

CATALOG NUMBER: S125DS-B850DB50-4F0-XX-W2A-A

### Luminous Intensity Polar Plot



TEST NUMBER: P1038076

CATALOG NUMBER: S125DS-B850DB50-4F0-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  | 0   |
| RCR |     |     |     |     |     |     |     |     |     |     |     |  |     |     |     |  |     |     |     |     |
| 0   | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 |  | 106 | 106 | 106 |  | 102 | 102 | 102 | 100 |
| 1   | 109 | 105 | 101 | 97  | 107 | 103 | 99  | 96  | 99  | 96  | 93  |  | 95  | 92  | 90  |  | 91  | 89  | 87  | 85  |
| 2   | 100 | 92  | 86  | 80  | 98  | 90  | 84  | 79  | 87  | 82  | 78  |  | 84  | 80  | 76  |  | 81  | 77  | 74  | 72  |
| 3   | 92  | 82  | 74  | 68  | 89  | 80  | 73  | 67  | 77  | 71  | 66  |  | 74  | 69  | 65  |  | 72  | 67  | 64  | 61  |
| 4   | 84  | 73  | 64  | 58  | 82  | 71  | 63  | 57  | 69  | 62  | 57  |  | 67  | 61  | 56  |  | 64  | 59  | 55  | 53  |
| 5   | 78  | 65  | 56  | 50  | 76  | 64  | 56  | 50  | 62  | 55  | 49  |  | 60  | 54  | 49  |  | 58  | 53  | 48  | 46  |
| 6   | 72  | 59  | 50  | 44  | 70  | 58  | 50  | 44  | 56  | 49  | 43  |  | 54  | 48  | 43  |  | 53  | 47  | 43  | 41  |
| 7   | 67  | 53  | 45  | 39  | 65  | 53  | 45  | 39  | 51  | 44  | 39  |  | 50  | 43  | 38  |  | 48  | 42  | 38  | 36  |
| 8   | 62  | 49  | 41  | 35  | 61  | 48  | 40  | 35  | 47  | 40  | 34  |  | 46  | 39  | 34  |  | 44  | 39  | 34  | 32  |
| 9   | 58  | 45  | 37  | 31  | 57  | 44  | 37  | 31  | 43  | 36  | 31  |  | 42  | 36  | 31  |  | 41  | 35  | 31  | 29  |
| 10  | 54  | 41  | 34  | 28  | 53  | 41  | 33  | 28  | 40  | 33  | 28  |  | 39  | 33  | 28  |  | 38  | 32  | 28  | 26  |

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

|     | 0°   | 90°   | 180° | 270° |
|-----|------|-------|------|------|
| 0°  | 7577 | 7577  | 7577 | 7577 |
| 5°  | 7600 | 8775  | 7606 | 6657 |
| 10° | 7570 | 10208 | 7557 | 5833 |
| 15° | 7531 | 11300 | 7484 | 5380 |
| 20° | 7454 | 12649 | 7386 | 5017 |
| 25° | 7388 | 14818 | 7253 | 4840 |
| 30° | 7286 | 16005 | 7159 | 4686 |
| 35° | 7114 | 13160 | 6964 | 4586 |
| 40° | 6834 | 9353  | 6734 | 4476 |
| 45° | 6477 | 7186  | 6403 | 4412 |
| 50° | 6063 | 6134  | 5964 | 4403 |
| 55° | 5618 | 5461  | 5573 | 4440 |
| 60° | 5185 | 4927  | 5094 | 4554 |
| 65° | 4718 | 4551  | 4642 | 4672 |
| 70° | 4232 | 4138  | 4176 | 4739 |
| 75° | 3728 | 3654  | 3679 | 4696 |
| 80° | 3074 | 3074  | 2963 | 4295 |
| 85° | 2213 | 2433  | 2139 | 3470 |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 135°

Vertical Angle: 45°

Luminance: 13726 cd/sqm

TEST NUMBER: P1038076

CATALOG NUMBER: S125DS-B850DB50-4F0-XX-W2A-A

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 113.8  | 3.4       |
| 10°-20°   | 339.0  | 10.2      |
| 20°-30°   | 550.7  | 16.5      |
| 30°-40°   | 673.0  | 20.2      |
| 40°-50°   | 610.5  | 18.3      |
| 50°-60°   | 486.2  | 14.6      |
| 60°-70°   | 338.7  | 10.1      |
| 70°-80°   | 180.4  | 5.4       |
| 80°-90°   | 44.7   | 1.3       |
| 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°    | 1003.5 | 30.1      |
| 0°-40°    | 1676.5 | 50.2      |
| 0°-60°    | 2773.2 | 83.1      |
| 0°-90°    | 3337.0 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 3337.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 90°  | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0°  | 1183 | 1183 | 1183 | 1183 | 1183 |      |
| 5°  | 1182 | 1364 | 1183 | 1035 | 1182 | 112  |
| 15° | 1135 | 1704 | 1128 | 811  | 1135 | 320  |
| 25° | 1045 | 2096 | 1026 | 685  | 1045 | 481  |
| 35° | 910  | 1682 | 890  | 586  | 910  | 568  |
| 45° | 715  | 793  | 707  | 487  | 715  | 551  |
| 55° | 503  | 489  | 499  | 398  | 503  | 450  |
| 65° | 311  | 300  | 306  | 308  | 311  | 309  |
| 75° | 151  | 148  | 149  | 190  | 151  | 160  |
| 85° | 30   | 33   | 29   | 47   | 30   | 38   |
| 90° | 0    | 0    | 0    | 0    | 0    |      |

TEST NUMBER: P1038076

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**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 10°    | 15°    | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1182.6 | 1182.6 | 1182.6 | 1182.6 | 1182.6 | 1182.6 | 1182.6 | 1182.6 | 1182.6 | 1182.6 | 1182.6 |
| 2.5°  | 1184.6 | 1191.6 | 1199.6 | 1205.6 | 1215.7 | 1218.7 | 1223.7 | 1226.7 | 1229.7 | 1232.7 | 1234.8 |
| 5°    | 1181.6 | 1198.6 | 1213.7 | 1224.7 | 1243.8 | 1250.8 | 1259.9 | 1270.9 | 1283.9 | 1295.0 | 1302.0 |
| 7.5°  | 1173.5 | 1200.6 | 1220.7 | 1242.8 | 1268.9 | 1286.0 | 1295.0 | 1318.1 | 1339.2 | 1355.2 | 1376.3 |
| 10°   | 1163.5 | 1195.6 | 1226.7 | 1259.9 | 1297.0 | 1316.1 | 1334.1 | 1366.3 | 1395.4 | 1421.5 | 1442.6 |
| 12.5° | 1152.4 | 1191.6 | 1228.7 | 1271.9 | 1322.1 | 1345.2 | 1357.2 | 1412.4 | 1448.6 | 1462.6 | 1503.8 |
| 15°   | 1135.4 | 1181.6 | 1234.8 | 1288.0 | 1330.1 | 1357.2 | 1390.4 | 1434.5 | 1470.7 | 1501.8 | 1534.9 |
| 17.5° | 1119.3 | 1169.5 | 1223.7 | 1282.9 | 1344.2 | 1379.3 | 1404.4 | 1443.6 | 1482.7 | 1522.9 | 1554.0 |
| 20°   | 1093.2 | 1158.5 | 1213.7 | 1276.9 | 1349.2 | 1374.3 | 1400.4 | 1446.6 | 1488.7 | 1531.9 | 1571.1 |
| 22.5° | 1072.1 | 1134.4 | 1209.7 | 1269.9 | 1331.1 | 1356.2 | 1388.3 | 1436.5 | 1486.7 | 1535.9 | 1593.1 |
| 25°   | 1045.0 | 1114.3 | 1179.5 | 1243.8 | 1307.0 | 1334.1 | 1363.3 | 1425.5 | 1477.7 | 1540.9 | 1604.2 |
| 27.5° | 1015.9 | 1087.2 | 1152.4 | 1210.7 | 1269.9 | 1307.0 | 1338.2 | 1403.4 | 1472.7 | 1541.9 | 1624.3 |
| 30°   | 984.8  | 1052.1 | 1114.3 | 1171.5 | 1236.8 | 1274.9 | 1306.0 | 1382.3 | 1459.6 | 1548.0 | 1646.3 |
| 32.5° | 951.7  | 1014.9 | 1068.1 | 1126.3 | 1195.6 | 1230.7 | 1272.9 | 1356.2 | 1447.6 | 1553.0 | 1676.5 |
| 35°   | 909.5  | 969.7  | 1016.9 | 1076.1 | 1145.4 | 1190.6 | 1234.8 | 1328.1 | 1434.5 | 1552.0 | 1693.5 |
| 37.5° | 867.3  | 914.5  | 959.7  | 1022.9 | 1103.2 | 1144.4 | 1190.6 | 1293.0 | 1414.4 | 1549.0 | 1700.6 |
| 40°   | 817.1  | 863.3  | 902.5  | 966.7  | 1051.0 | 1098.2 | 1146.4 | 1253.8 | 1391.4 | 1537.9 | 1675.5 |
| 42.5° | 767.0  | 806.1  | 849.3  | 916.5  | 997.8  | 1048.0 | 1099.2 | 1218.7 | 1361.2 | 1505.8 | 1606.2 |
| 45°   | 714.8  | 744.9  | 792.1  | 853.3  | 939.6  | 987.8  | 1046.0 | 1175.5 | 1319.1 | 1447.6 | 1497.8 |
| 47.5° | 660.5  | 690.7  | 734.8  | 794.1  | 879.4  | 936.6  | 991.8  | 1121.3 | 1265.9 | 1365.3 | 1365.3 |
| 50°   | 608.3  | 632.4  | 675.6  | 734.8  | 821.2  | 873.4  | 929.6  | 1067.1 | 1183.6 | 1256.8 | 1191.6 |
| 52.5° | 552.1  | 579.2  | 615.4  | 677.6  | 762.9  | 810.1  | 871.4  | 988.8  | 1099.2 | 1129.4 | 1029.0 |
| 55°   | 502.9  | 525.0  | 559.2  | 618.4  | 697.7  | 746.9  | 799.1  | 911.5  | 1004.9 | 1002.9 | 895.4  |
| 57.5° | 451.7  | 469.8  | 505.9  | 560.2  | 633.4  | 677.6  | 729.8  | 827.2  | 903.5  | 876.4  | 775.0  |
| 60°   | 404.6  | 417.6  | 452.7  | 496.9  | 567.2  | 608.3  | 658.5  | 737.8  | 796.1  | 757.9  | 655.5  |
| 62.5° | 355.4  | 370.4  | 398.5  | 441.7  | 503.9  | 537.1  | 574.2  | 654.5  | 691.7  | 657.5  | 553.1  |
| 65°   | 311.2  | 323.2  | 348.3  | 384.5  | 440.7  | 470.8  | 502.9  | 569.2  | 604.3  | 555.1  | 468.8  |
| 67.5° | 267.0  | 281.1  | 299.2  | 331.3  | 375.4  | 403.6  | 431.7  | 488.9  | 504.9  | 460.8  | 388.5  |
| 70°   | 225.9  | 237.9  | 255.0  | 278.1  | 315.2  | 340.3  | 361.4  | 408.6  | 419.6  | 378.5  | 321.2  |
| 72.5° | 185.7  | 193.7  | 207.8  | 226.9  | 261.0  | 275.1  | 297.1  | 329.3  | 343.3  | 306.2  | 265.0  |
| 75°   | 150.6  | 156.6  | 165.6  | 179.7  | 202.8  | 217.8  | 235.9  | 266.0  | 265.0  | 238.9  | 209.8  |
| 77.5° | 116.4  | 117.5  | 127.5  | 140.5  | 154.6  | 167.6  | 176.7  | 197.8  | 199.8  | 183.7  | 159.6  |
| 80°   | 83.3   | 86.3   | 90.3   | 100.4  | 112.4  | 117.5  | 128.5  | 141.5  | 143.6  | 131.5  | 115.4  |
| 82.5° | 53.2   | 55.2   | 58.2   | 64.2   | 72.3   | 78.3   | 84.3   | 89.3   | 94.4   | 87.3   | 74.3   |
| 85°   | 30.1   | 31.1   | 34.1   | 36.1   | 40.2   | 43.2   | 48.2   | 53.2   | 52.2   | 47.2   | 43.2   |
| 87.5° | 15.1   | 15.1   | 15.1   | 17.1   | 19.1   | 19.1   | 21.1   | 22.1   | 23.1   | 21.1   | 19.1   |
| 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°    | 1182.6 | 1182.6 | 1182.6 | 1182.6 | 1182.6 | 1182.6 | 1182.6 | 1182.6 | 1182.6 | 1182.6 | 1182.6 |
| 2.5°  | 1236.8 | 1243.8 | 1249.8 | 1254.8 | 1258.8 | 1264.9 | 1260.9 | 1261.9 | 1263.9 | 1267.9 | 1267.9 |
| 5°    | 1317.1 | 1328.1 | 1334.1 | 1354.2 | 1359.2 | 1358.2 | 1355.2 | 1371.3 | 1370.3 | 1364.3 | 1363.3 |
| 7.5°  | 1395.4 | 1414.4 | 1431.5 | 1447.6 | 1452.6 | 1465.6 | 1468.7 | 1475.7 | 1473.7 | 1483.7 | 1478.7 |
| 10°   | 1466.6 | 1496.8 | 1512.8 | 1536.9 | 1542.9 | 1549.0 | 1557.0 | 1561.0 | 1570.0 | 1569.0 | 1569.0 |
| 12.5° | 1521.9 | 1558.0 | 1579.1 | 1585.1 | 1608.2 | 1615.2 | 1622.2 | 1635.3 | 1632.3 | 1633.3 | 1639.3 |
| 15°   | 1565.0 | 1600.2 | 1618.2 | 1646.3 | 1662.4 | 1670.4 | 1682.5 | 1696.5 | 1694.5 | 1703.6 | 1701.6 |
| 17.5° | 1597.2 | 1630.3 | 1663.4 | 1705.6 | 1706.6 | 1727.7 | 1755.8 | 1761.8 | 1774.8 | 1765.8 | 1765.8 |
| 20°   | 1623.3 | 1667.4 | 1714.6 | 1768.8 | 1774.8 | 1787.9 | 1822.0 | 1845.1 | 1860.2 | 1855.1 | 1858.2 |
| 22.5° | 1651.4 | 1714.6 | 1769.8 | 1824.0 | 1853.1 | 1876.2 | 1909.4 | 1945.5 | 1958.5 | 1966.6 | 1964.6 |
| 25°   | 1687.5 | 1753.8 | 1835.1 | 1910.4 | 1940.5 | 1984.6 | 2028.8 | 2064.0 | 2074.0 | 2096.1 | 2076.0 |
| 27.5° | 1724.6 | 1818.0 | 1919.4 | 2007.7 | 2045.9 | 2082.0 | 2135.2 | 2161.3 | 2174.4 | 2184.4 | 2177.4 |
| 30°   | 1755.8 | 1884.3 | 1994.7 | 2076.0 | 2103.1 | 2124.2 | 2154.3 | 2160.3 | 2155.3 | 2163.3 | 2173.4 |
| 32.5° | 1803.9 | 1929.4 | 2022.8 | 2061.9 | 2058.9 | 2057.9 | 2034.8 | 2002.7 | 1995.7 | 1976.6 | 2002.7 |
| 35°   | 1830.0 | 1930.4 | 1966.6 | 1914.4 | 1893.3 | 1855.1 | 1781.9 | 1733.7 | 1691.5 | 1682.5 | 1684.5 |
| 37.5° | 1815.0 | 1854.1 | 1811.0 | 1673.4 | 1639.3 | 1581.1 | 1483.7 | 1415.5 | 1384.3 | 1360.2 | 1391.4 |
| 40°   | 1733.7 | 1690.5 | 1572.1 | 1404.4 | 1355.2 | 1300.0 | 1208.7 | 1171.5 | 1127.3 | 1118.3 | 1159.5 |
| 42.5° | 1599.2 | 1467.7 | 1300.0 | 1170.5 | 1119.3 | 1088.2 | 1011.9 | 976.8  | 945.6  | 931.6  | 954.7  |
| 45°   | 1416.5 | 1256.8 | 1088.2 | 981.8  | 938.6  | 901.5  | 856.3  | 819.2  | 799.1  | 793.1  | 812.1  |
| 47.5° | 1227.7 | 1059.1 | 924.6  | 845.3  | 800.1  | 772.0  | 729.8  | 708.7  | 692.7  | 694.7  | 697.7  |
| 50°   | 1047.0 | 893.4  | 790.0  | 710.7  | 688.7  | 666.6  | 638.5  | 620.4  | 612.4  | 615.4  | 613.4  |
| 52.5° | 891.4  | 767.0  | 679.6  | 618.4  | 608.3  | 587.3  | 564.2  | 549.1  | 546.1  | 547.1  | 550.1  |
| 55°   | 754.9  | 657.5  | 588.3  | 544.1  | 533.1  | 518.0  | 503.9  | 493.9  | 485.9  | 488.9  | 487.9  |
| 57.5° | 651.5  | 566.2  | 513.0  | 476.8  | 468.8  | 459.8  | 446.7  | 441.7  | 438.7  | 432.7  | 437.7  |
| 60°   | 560.2  | 490.9  | 444.7  | 422.6  | 415.6  | 409.6  | 395.5  | 389.5  | 387.5  | 384.5  | 392.5  |
| 62.5° | 473.8  | 424.6  | 389.5  | 369.4  | 362.4  | 356.4  | 349.3  | 344.3  | 345.3  | 341.3  | 345.3  |
| 65°   | 405.6  | 365.4  | 340.3  | 322.2  | 313.2  | 309.2  | 308.2  | 300.2  | 299.2  | 300.2  | 301.2  |
| 67.5° | 342.3  | 308.2  | 289.1  | 278.1  | 271.0  | 267.0  | 264.0  | 259.0  | 263.0  | 260.0  | 262.0  |
| 70°   | 285.1  | 262.0  | 241.9  | 230.9  | 227.9  | 228.9  | 223.9  | 221.9  | 222.9  | 220.9  | 222.9  |
| 72.5° | 229.9  | 210.8  | 202.8  | 194.8  | 190.7  | 189.7  | 186.7  | 183.7  | 186.7  | 185.7  | 185.7  |
| 75°   | 183.7  | 169.7  | 160.6  | 155.6  | 155.6  | 153.6  | 148.6  | 148.6  | 148.6  | 147.6  | 148.6  |
| 77.5° | 141.5  | 129.5  | 125.5  | 120.5  | 120.5  | 117.5  | 116.4  | 116.4  | 114.4  | 117.5  | 115.4  |
| 80°   | 105.4  | 96.4   | 90.3   | 87.3   | 87.3   | 86.3   | 84.3   | 83.3   | 84.3   | 83.3   | 83.3   |
| 82.5° | 68.3   | 64.2   | 61.2   | 58.2   | 57.2   | 58.2   | 57.2   | 55.2   | 56.2   | 55.2   | 57.2   |
| 85°   | 39.2   | 35.1   | 35.1   | 33.1   | 34.1   | 32.1   | 33.1   | 31.1   | 30.1   | 33.1   | 31.1   |
| 87.5° | 17.1   | 16.1   | 16.1   | 14.1   | 14.1   | 14.1   | 13.1   | 14.1   | 13.1   | 12.0   | 13.1   |
| 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: S125DS-B850DB50-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|       | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1182.6 | 1182.6 | 1182.6 | 1182.6 | 1182.6 | 1182.6 | 1182.6 | 1182.6 | 1182.6 | 1182.6 | 1182.6 |
| 2.5°  | 1265.9 | 1258.8 | 1260.9 | 1258.8 | 1253.8 | 1250.8 | 1242.8 | 1232.7 | 1228.7 | 1223.7 | 1220.7 |
| 5°    | 1367.3 | 1362.2 | 1361.2 | 1353.2 | 1351.2 | 1339.2 | 1319.1 | 1309.0 | 1297.0 | 1284.9 | 1272.9 |
| 7.5°  | 1477.7 | 1471.7 | 1451.6 | 1448.6 | 1450.6 | 1435.5 | 1409.4 | 1389.4 | 1364.3 | 1347.2 | 1324.1 |
| 10°   | 1569.0 | 1557.0 | 1539.9 | 1540.9 | 1533.9 | 1513.8 | 1487.7 | 1466.6 | 1430.5 | 1408.4 | 1375.3 |
| 12.5° | 1624.3 | 1614.2 | 1612.2 | 1602.2 | 1596.1 | 1570.0 | 1538.9 | 1511.8 | 1484.7 | 1454.6 | 1429.5 |
| 15°   | 1691.5 | 1678.5 | 1669.4 | 1655.4 | 1651.4 | 1624.3 | 1590.1 | 1559.0 | 1527.9 | 1499.8 | 1446.6 |
| 17.5° | 1765.8 | 1751.7 | 1717.6 | 1714.6 | 1690.5 | 1664.4 | 1631.3 | 1585.1 | 1552.0 | 1511.8 | 1472.7 |
| 20°   | 1850.1 | 1830.0 | 1785.9 | 1774.8 | 1755.8 | 1712.6 | 1667.4 | 1616.2 | 1563.0 | 1521.9 | 1475.7 |
| 22.5° | 1944.5 | 1909.4 | 1877.2 | 1842.1 | 1828.0 | 1774.8 | 1712.6 | 1650.4 | 1586.1 | 1529.9 | 1474.7 |
| 25°   | 2067.0 | 2020.8 | 1975.6 | 1940.5 | 1916.4 | 1847.1 | 1763.8 | 1681.5 | 1607.2 | 1533.9 | 1461.6 |
| 27.5° | 2163.3 | 2123.2 | 2074.0 | 2027.8 | 1996.7 | 1914.4 | 1819.0 | 1712.6 | 1620.2 | 1530.9 | 1453.6 |
| 30°   | 2170.4 | 2158.3 | 2128.2 | 2103.1 | 2069.0 | 1980.6 | 1875.2 | 1754.8 | 1640.3 | 1531.9 | 1437.5 |
| 32.5° | 2038.9 | 2062.9 | 2076.0 | 2080.0 | 2073.0 | 2021.8 | 1925.4 | 1792.9 | 1658.4 | 1522.9 | 1423.5 |
| 35°   | 1755.8 | 1820.0 | 1899.3 | 1929.4 | 1958.5 | 1985.6 | 1935.5 | 1820.0 | 1664.4 | 1520.9 | 1401.4 |
| 37.5° | 1445.6 | 1503.8 | 1635.3 | 1695.5 | 1729.7 | 1837.1 | 1878.2 | 1816.0 | 1676.5 | 1522.9 | 1380.3 |
| 40°   | 1166.5 | 1258.8 | 1353.2 | 1434.5 | 1487.7 | 1608.2 | 1735.7 | 1749.7 | 1659.4 | 1503.8 | 1353.2 |
| 42.5° | 981.8  | 1036.0 | 1107.3 | 1182.6 | 1229.7 | 1372.3 | 1545.0 | 1646.3 | 1606.2 | 1472.7 | 1320.1 |
| 45°   | 836.2  | 876.4  | 943.6  | 968.7  | 1029.0 | 1165.5 | 1348.2 | 1494.8 | 1514.8 | 1423.5 | 1281.9 |
| 47.5° | 717.8  | 751.9  | 795.1  | 826.2  | 874.4  | 976.8  | 1131.4 | 1293.0 | 1389.4 | 1356.2 | 1228.7 |
| 50°   | 632.4  | 660.5  | 696.7  | 714.8  | 745.9  | 838.2  | 954.7  | 1115.3 | 1244.8 | 1255.8 | 1159.5 |
| 52.5° | 561.2  | 577.2  | 605.3  | 625.4  | 650.5  | 706.7  | 812.1  | 944.6  | 1090.2 | 1150.4 | 1074.1 |
| 55°   | 498.9  | 512.0  | 537.1  | 550.1  | 563.2  | 611.4  | 693.7  | 814.1  | 950.7  | 1030.0 | 986.8  |
| 57.5° | 442.7  | 453.7  | 474.8  | 486.9  | 493.9  | 540.1  | 603.3  | 697.7  | 820.2  | 916.5  | 892.4  |
| 60°   | 396.5  | 406.6  | 418.6  | 427.6  | 435.7  | 473.8  | 518.0  | 594.3  | 703.7  | 797.1  | 791.0  |
| 62.5° | 347.3  | 356.4  | 369.4  | 378.5  | 385.5  | 409.6  | 446.7  | 504.9  | 598.3  | 684.6  | 701.7  |
| 65°   | 304.2  | 311.2  | 320.2  | 324.2  | 333.3  | 351.4  | 381.5  | 433.7  | 510.0  | 587.3  | 599.3  |
| 67.5° | 265.0  | 267.0  | 273.1  | 282.1  | 284.1  | 300.2  | 327.3  | 366.4  | 425.6  | 488.9  | 508.0  |
| 70°   | 222.9  | 225.9  | 230.9  | 237.9  | 241.9  | 252.0  | 275.1  | 301.2  | 352.4  | 407.6  | 421.6  |
| 72.5° | 185.7  | 189.7  | 191.7  | 195.8  | 197.8  | 213.8  | 223.9  | 250.0  | 285.1  | 331.3  | 346.3  |
| 75°   | 150.6  | 154.6  | 155.6  | 157.6  | 159.6  | 166.6  | 180.7  | 196.8  | 225.9  | 256.0  | 276.1  |
| 77.5° | 119.5  | 118.5  | 120.5  | 123.5  | 122.5  | 128.5  | 137.5  | 151.6  | 170.7  | 195.8  | 208.8  |
| 80°   | 84.3   | 84.3   | 87.3   | 90.3   | 89.3   | 95.4   | 98.4   | 108.4  | 124.5  | 140.5  | 145.6  |
| 82.5° | 56.2   | 56.2   | 59.2   | 59.2   | 61.2   | 62.2   | 66.3   | 71.3   | 84.3   | 92.4   | 95.4   |
| 85°   | 32.1   | 32.1   | 33.1   | 33.1   | 33.1   | 35.1   | 38.1   | 40.2   | 44.2   | 49.2   | 51.2   |
| 87.5° | 13.1   | 14.1   | 14.1   | 14.1   | 14.1   | 16.1   | 16.1   | 18.1   | 19.1   | 21.1   | 21.1   |
| 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: P1038076

CATALOG NUMBER: S125DS-B850DB50-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|       | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1182.6 | 1182.6 | 1182.6 | 1182.6 | 1182.6 | 1182.6 | 1182.6 | 1182.6 | 1182.6 | 1182.6 | 1182.6 |
| 2.5°  | 1216.7 | 1211.7 | 1205.6 | 1205.6 | 1198.6 | 1195.6 | 1189.6 | 1187.6 | 1182.6 | 1174.5 | 1168.5 |
| 5°    | 1259.9 | 1246.8 | 1238.8 | 1231.7 | 1216.7 | 1205.6 | 1194.6 | 1182.6 | 1170.5 | 1156.5 | 1140.4 |
| 7.5°  | 1302.0 | 1277.9 | 1266.9 | 1254.8 | 1232.7 | 1209.7 | 1187.6 | 1171.5 | 1155.5 | 1133.4 | 1113.3 |
| 10°   | 1346.2 | 1316.1 | 1296.0 | 1279.9 | 1245.8 | 1216.7 | 1184.6 | 1161.5 | 1136.4 | 1108.3 | 1082.2 |
| 12.5° | 1383.3 | 1344.2 | 1327.1 | 1297.0 | 1257.8 | 1222.7 | 1182.6 | 1147.4 | 1114.3 | 1081.2 | 1049.0 |
| 15°   | 1414.4 | 1377.3 | 1335.1 | 1323.1 | 1268.9 | 1218.7 | 1173.5 | 1128.3 | 1087.2 | 1054.1 | 1016.9 |
| 17.5° | 1424.5 | 1377.3 | 1356.2 | 1327.1 | 1262.9 | 1210.7 | 1153.4 | 1104.3 | 1065.1 | 1015.9 | 986.8  |
| 20°   | 1427.5 | 1382.3 | 1353.2 | 1326.1 | 1268.9 | 1199.6 | 1143.4 | 1083.2 | 1036.0 | 986.8  | 940.6  |
| 22.5° | 1419.5 | 1366.3 | 1338.2 | 1312.1 | 1247.8 | 1188.6 | 1123.3 | 1057.1 | 1001.9 | 956.7  | 910.5  |
| 25°   | 1404.4 | 1342.2 | 1315.1 | 1287.0 | 1225.7 | 1160.5 | 1089.2 | 1026.0 | 974.8  | 920.5  | 875.4  |
| 27.5° | 1384.3 | 1313.1 | 1281.9 | 1252.8 | 1192.6 | 1131.4 | 1064.1 | 998.8  | 941.6  | 884.4  | 842.2  |
| 30°   | 1359.2 | 1276.9 | 1248.8 | 1210.7 | 1152.4 | 1094.2 | 1033.0 | 967.7  | 903.5  | 849.3  | 803.1  |
| 32.5° | 1327.1 | 1240.8 | 1203.6 | 1167.5 | 1104.3 | 1051.0 | 992.8  | 931.6  | 869.3  | 816.1  | 768.0  |
| 35°   | 1298.0 | 1199.6 | 1158.5 | 1122.3 | 1052.1 | 995.8  | 947.7  | 890.4  | 835.2  | 780.0  | 736.8  |
| 37.5° | 1258.8 | 1158.5 | 1109.3 | 1072.1 | 1000.9 | 943.6  | 898.5  | 854.3  | 796.1  | 742.9  | 702.7  |
| 40°   | 1217.7 | 1107.3 | 1061.1 | 1023.9 | 949.7  | 887.4  | 844.3  | 805.1  | 757.9  | 708.7  | 666.6  |
| 42.5° | 1180.5 | 1058.1 | 1008.9 | 963.7  | 888.4  | 833.2  | 789.0  | 758.9  | 715.8  | 671.6  | 633.4  |
| 45°   | 1133.4 | 1005.9 | 952.7  | 905.5  | 833.2  | 773.0  | 730.8  | 706.7  | 674.6  | 631.4  | 598.3  |
| 47.5° | 1085.2 | 949.7  | 894.4  | 848.3  | 770.0  | 716.8  | 675.6  | 652.5  | 630.4  | 596.3  | 563.2  |
| 50°   | 1021.9 | 890.4  | 840.2  | 787.0  | 709.7  | 655.5  | 621.4  | 598.3  | 581.2  | 557.1  | 529.0  |
| 52.5° | 952.7  | 829.2  | 775.0  | 728.8  | 652.5  | 603.3  | 564.2  | 551.1  | 534.1  | 516.0  | 491.9  |
| 55°   | 879.4  | 762.9  | 710.7  | 665.6  | 595.3  | 545.1  | 513.0  | 498.9  | 485.9  | 471.8  | 455.8  |
| 57.5° | 806.1  | 693.7  | 644.5  | 604.3  | 539.1  | 490.9  | 464.8  | 445.7  | 436.7  | 428.7  | 415.6  |
| 60°   | 714.8  | 619.4  | 581.2  | 545.1  | 480.9  | 436.7  | 411.6  | 397.5  | 389.5  | 385.5  | 379.5  |
| 62.5° | 634.4  | 556.1  | 514.0  | 478.8  | 427.6  | 388.5  | 364.4  | 353.4  | 346.3  | 344.3  | 337.3  |
| 65°   | 549.1  | 481.9  | 448.7  | 418.6  | 374.4  | 339.3  | 319.2  | 306.2  | 301.2  | 300.2  | 300.2  |
| 67.5° | 468.8  | 414.6  | 381.5  | 360.4  | 322.2  | 291.1  | 272.0  | 267.0  | 264.0  | 260.0  | 259.0  |
| 70°   | 393.5  | 350.3  | 321.2  | 303.2  | 269.0  | 245.9  | 230.9  | 222.9  | 222.9  | 219.8  | 217.8  |
| 72.5° | 327.3  | 284.1  | 265.0  | 250.0  | 221.9  | 201.8  | 190.7  | 188.7  | 181.7  | 180.7  | 180.7  |
| 75°   | 256.0  | 223.9  | 210.8  | 197.8  | 176.7  | 162.6  | 153.6  | 148.6  | 144.6  | 144.6  | 145.6  |
| 77.5° | 192.7  | 170.7  | 158.6  | 148.6  | 133.5  | 124.5  | 117.5  | 115.4  | 111.4  | 111.4  | 111.4  |
| 80°   | 136.5  | 124.5  | 115.4  | 107.4  | 96.4   | 88.3   | 84.3   | 80.3   | 80.3   | 79.3   | 80.3   |
| 82.5° | 88.3   | 78.3   | 73.3   | 72.3   | 62.2   | 59.2   | 54.2   | 55.2   | 52.2   | 51.2   | 53.2   |
| 85°   | 51.2   | 46.2   | 40.2   | 38.1   | 34.1   | 30.1   | 28.1   | 29.1   | 28.1   | 27.1   | 28.1   |
| 87.5° | 20.1   | 17.1   | 16.1   | 16.1   | 13.1   | 12.0   | 11.0   | 12.0   | 10.0   | 10.0   | 11.0   |
| 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: P1038076

CATALOG NUMBER: S125DS-B850DB50-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|       | 200°   | 202.5° | 205°   | 210°   | 215°   | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1182.6 | 1182.6 | 1182.6 | 1182.6 | 1182.6 | 1182.6 | 1182.6 | 1182.6 | 1182.6 | 1182.6 | 1182.6 |
| 2.5°  | 1166.5 | 1164.5 | 1159.5 | 1156.5 | 1146.4 | 1134.4 | 1130.4 | 1120.3 | 1124.3 | 1117.3 | 1117.3 |
| 5°    | 1135.4 | 1126.3 | 1120.3 | 1111.3 | 1092.2 | 1079.2 | 1065.1 | 1058.1 | 1054.1 | 1049.0 | 1045.0 |
| 7.5°  | 1095.2 | 1088.2 | 1082.2 | 1065.1 | 1044.0 | 1026.0 | 1008.9 | 1001.9 | 988.8  | 979.8  | 975.8  |
| 10°   | 1060.1 | 1050.0 | 1036.0 | 1015.9 | 993.8  | 970.7  | 955.7  | 940.6  | 930.6  | 925.6  | 914.5  |
| 12.5° | 1023.9 | 1011.9 | 996.8  | 967.7  | 943.6  | 929.6  | 902.5  | 888.4  | 883.4  | 879.4  | 866.3  |
| 15°   | 986.8  | 973.8  | 955.7  | 928.6  | 907.5  | 874.4  | 858.3  | 847.3  | 835.2  | 834.2  | 824.2  |
| 17.5° | 953.7  | 937.6  | 922.6  | 889.4  | 863.3  | 834.2  | 825.2  | 813.1  | 802.1  | 790.0  | 785.0  |
| 20°   | 911.5  | 896.5  | 885.4  | 849.3  | 820.2  | 802.1  | 787.0  | 777.0  | 770.0  | 757.9  | 755.9  |
| 22.5° | 873.4  | 857.3  | 842.2  | 815.1  | 790.0  | 767.0  | 748.9  | 737.8  | 734.8  | 729.8  | 720.8  |
| 25°   | 836.2  | 820.2  | 802.1  | 777.0  | 750.9  | 734.8  | 718.8  | 711.7  | 705.7  | 697.7  | 690.7  |
| 27.5° | 805.1  | 790.0  | 773.0  | 741.9  | 719.8  | 707.7  | 690.7  | 682.6  | 674.6  | 670.6  | 667.6  |
| 30°   | 768.0  | 750.9  | 737.8  | 713.7  | 689.7  | 673.6  | 661.5  | 654.5  | 647.5  | 643.5  | 641.5  |
| 32.5° | 731.8  | 715.8  | 706.7  | 680.6  | 661.5  | 642.5  | 633.4  | 628.4  | 624.4  | 620.4  | 616.4  |
| 35°   | 702.7  | 686.6  | 672.6  | 648.5  | 629.4  | 616.4  | 609.3  | 601.3  | 598.3  | 594.3  | 594.3  |
| 37.5° | 666.6  | 654.5  | 640.5  | 617.4  | 600.3  | 590.3  | 584.3  | 574.2  | 573.2  | 571.2  | 568.2  |
| 40°   | 635.4  | 623.4  | 610.4  | 590.3  | 575.2  | 563.2  | 555.1  | 550.1  | 547.1  | 545.1  | 543.1  |
| 42.5° | 602.3  | 589.3  | 583.2  | 560.2  | 547.1  | 535.1  | 531.0  | 526.0  | 525.0  | 521.0  | 516.0  |
| 45°   | 570.2  | 559.2  | 547.1  | 530.0  | 519.0  | 509.0  | 502.9  | 498.9  | 493.9  | 492.9  | 489.9  |
| 47.5° | 542.1  | 529.0  | 518.0  | 501.9  | 489.9  | 481.9  | 476.8  | 471.8  | 467.8  | 464.8  | 461.8  |
| 50°   | 505.9  | 495.9  | 486.9  | 469.8  | 459.8  | 451.7  | 444.7  | 440.7  | 436.7  | 436.7  | 436.7  |
| 52.5° | 470.8  | 461.8  | 453.7  | 441.7  | 429.7  | 422.6  | 414.6  | 411.6  | 409.6  | 406.6  | 409.6  |
| 55°   | 436.7  | 427.6  | 419.6  | 410.6  | 396.5  | 390.5  | 382.5  | 379.5  | 380.5  | 380.5  | 383.5  |
| 57.5° | 400.5  | 393.5  | 388.5  | 377.5  | 364.4  | 358.4  | 353.4  | 350.3  | 350.3  | 354.4  | 355.4  |
| 60°   | 365.4  | 358.4  | 349.3  | 339.3  | 331.3  | 324.2  | 321.2  | 322.2  | 322.2  | 324.2  | 329.3  |
| 62.5° | 326.3  | 322.2  | 317.2  | 303.2  | 298.1  | 293.1  | 289.1  | 292.1  | 291.1  | 296.1  | 303.2  |
| 65°   | 290.1  | 286.1  | 279.1  | 272.0  | 266.0  | 261.0  | 260.0  | 261.0  | 263.0  | 268.0  | 276.1  |
| 67.5° | 250.0  | 250.0  | 243.9  | 237.9  | 232.9  | 227.9  | 228.9  | 229.9  | 231.9  | 237.9  | 250.0  |
| 70°   | 216.8  | 212.8  | 206.8  | 202.8  | 198.8  | 196.8  | 194.8  | 198.8  | 204.8  | 208.8  | 217.8  |
| 72.5° | 180.7  | 177.7  | 172.7  | 168.6  | 167.6  | 165.6  | 164.6  | 166.6  | 172.7  | 179.7  | 189.7  |
| 75°   | 142.5  | 143.6  | 140.5  | 137.5  | 137.5  | 134.5  | 136.5  | 136.5  | 142.5  | 149.6  | 157.6  |
| 77.5° | 110.4  | 109.4  | 108.4  | 106.4  | 105.4  | 105.4  | 105.4  | 107.4  | 113.4  | 117.5  | 125.5  |
| 80°   | 78.3   | 79.3   | 76.3   | 77.3   | 76.3   | 77.3   | 77.3   | 81.3   | 84.3   | 89.3   | 95.4   |
| 82.5° | 52.2   | 52.2   | 50.2   | 51.2   | 51.2   | 51.2   | 52.2   | 54.2   | 58.2   | 62.2   | 66.3   |
| 85°   | 29.1   | 30.1   | 28.1   | 30.1   | 30.1   | 30.1   | 31.1   | 32.1   | 35.1   | 36.1   | 40.2   |
| 87.5° | 11.0   | 13.1   | 13.1   | 11.0   | 12.0   | 13.1   | 14.1   | 13.1   | 15.1   | 17.1   | 18.1   |
| 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: P1038076

CATALOG NUMBER: S125DS-B850DB50-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|       | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1182.6 | 1182.6 | 1182.6 | 1182.6 | 1182.6 | 1182.6 | 1182.6 | 1182.6 | 1182.6 | 1182.6 | 1182.6 |
| 2.5°  | 1121.3 | 1114.3 | 1113.3 | 1115.3 | 1111.3 | 1117.3 | 1115.3 | 1117.3 | 1112.3 | 1117.3 | 1114.3 |
| 5°    | 1044.0 | 1042.0 | 1038.0 | 1033.0 | 1034.0 | 1035.0 | 1040.0 | 1035.0 | 1039.0 | 1040.0 | 1045.0 |
| 7.5°  | 971.7  | 967.7  | 970.7  | 968.7  | 959.7  | 957.7  | 959.7  | 962.7  | 968.7  | 972.7  | 975.8  |
| 10°   | 913.5  | 911.5  | 907.5  | 904.5  | 899.5  | 896.5  | 900.5  | 896.5  | 904.5  | 911.5  | 911.5  |
| 12.5° | 869.3  | 861.3  | 856.3  | 855.3  | 844.3  | 846.3  | 850.3  | 853.3  | 862.3  | 866.3  | 866.3  |
| 15°   | 823.2  | 817.1  | 815.1  | 811.1  | 807.1  | 811.1  | 809.1  | 812.1  | 816.1  | 820.2  | 822.2  |
| 17.5° | 783.0  | 782.0  | 783.0  | 773.0  | 776.0  | 771.0  | 772.0  | 777.0  | 774.0  | 777.0  | 783.0  |
| 20°   | 746.9  | 748.9  | 745.9  | 741.9  | 741.9  | 735.8  | 742.9  | 740.9  | 741.9  | 747.9  | 756.9  |
| 22.5° | 719.8  | 718.8  | 715.8  | 712.7  | 708.7  | 709.7  | 710.7  | 708.7  | 716.8  | 721.8  | 722.8  |
| 25°   | 690.7  | 688.7  | 687.6  | 684.6  | 680.6  | 684.6  | 683.6  | 684.6  | 686.6  | 694.7  | 688.7  |
| 27.5° | 663.6  | 659.5  | 661.5  | 658.5  | 657.5  | 658.5  | 658.5  | 659.5  | 661.5  | 662.6  | 663.6  |
| 30°   | 640.5  | 636.5  | 635.4  | 633.4  | 632.4  | 633.4  | 635.4  | 633.4  | 641.5  | 640.5  | 640.5  |
| 32.5° | 615.4  | 612.4  | 610.4  | 610.4  | 609.3  | 608.3  | 609.3  | 610.4  | 616.4  | 612.4  | 616.4  |
| 35°   | 591.3  | 589.3  | 589.3  | 587.3  | 586.3  | 586.3  | 586.3  | 590.3  | 588.3  | 591.3  | 591.3  |
| 37.5° | 568.2  | 568.2  | 567.2  | 565.2  | 564.2  | 565.2  | 564.2  | 566.2  | 565.2  | 566.2  | 567.2  |
| 40°   | 544.1  | 542.1  | 541.1  | 541.1  | 538.1  | 535.1  | 538.1  | 538.1  | 539.1  | 542.1  | 543.1  |
| 42.5° | 515.0  | 516.0  | 516.0  | 512.0  | 512.0  | 512.0  | 513.0  | 514.0  | 514.0  | 516.0  | 516.0  |
| 45°   | 489.9  | 487.9  | 487.9  | 487.9  | 485.9  | 486.9  | 488.9  | 488.9  | 488.9  | 488.9  | 486.9  |
| 47.5° | 461.8  | 461.8  | 462.8  | 462.8  | 465.8  | 464.8  | 464.8  | 463.8  | 461.8  | 461.8  | 462.8  |
| 50°   | 435.7  | 438.7  | 439.7  | 439.7  | 440.7  | 441.7  | 441.7  | 439.7  | 438.7  | 435.7  | 435.7  |
| 52.5° | 410.6  | 412.6  | 414.6  | 417.6  | 419.6  | 418.6  | 418.6  | 416.6  | 412.6  | 411.6  | 410.6  |
| 55°   | 383.5  | 386.5  | 390.5  | 393.5  | 396.5  | 397.5  | 397.5  | 393.5  | 389.5  | 384.5  | 384.5  |
| 57.5° | 358.4  | 361.4  | 368.4  | 371.4  | 375.4  | 375.4  | 373.4  | 370.4  | 364.4  | 360.4  | 357.4  |
| 60°   | 333.3  | 338.3  | 343.3  | 349.3  | 354.4  | 355.4  | 352.4  | 348.3  | 341.3  | 336.3  | 332.3  |
| 62.5° | 306.2  | 311.2  | 321.2  | 327.3  | 331.3  | 331.3  | 331.3  | 326.3  | 317.2  | 310.2  | 304.2  |
| 65°   | 280.1  | 285.1  | 294.1  | 302.2  | 305.2  | 308.2  | 305.2  | 300.2  | 293.1  | 285.1  | 279.1  |
| 67.5° | 253.0  | 259.0  | 268.0  | 274.1  | 278.1  | 281.1  | 279.1  | 275.1  | 266.0  | 255.0  | 251.0  |
| 70°   | 222.9  | 225.9  | 238.9  | 244.9  | 251.0  | 253.0  | 251.0  | 244.9  | 235.9  | 223.9  | 219.8  |
| 72.5° | 194.8  | 197.8  | 209.8  | 214.8  | 219.8  | 221.9  | 218.8  | 214.8  | 206.8  | 195.8  | 190.7  |
| 75°   | 162.6  | 167.6  | 173.7  | 181.7  | 187.7  | 189.7  | 186.7  | 183.7  | 173.7  | 166.6  | 162.6  |
| 77.5° | 128.5  | 133.5  | 141.5  | 148.6  | 154.6  | 153.6  | 149.6  | 150.6  | 139.5  | 131.5  | 128.5  |
| 80°   | 97.4   | 101.4  | 107.4  | 113.4  | 116.4  | 116.4  | 115.4  | 111.4  | 107.4  | 101.4  | 96.4   |
| 82.5° | 67.3   | 72.3   | 77.3   | 81.3   | 81.3   | 82.3   | 80.3   | 79.3   | 75.3   | 70.3   | 69.3   |
| 85°   | 40.2   | 41.2   | 45.2   | 45.2   | 49.2   | 47.2   | 46.2   | 49.2   | 45.2   | 42.2   | 41.2   |
| 87.5° | 18.1   | 17.1   | 18.1   | 18.1   | 17.1   | 19.1   | 19.1   | 18.1   | 19.1   | 18.1   | 18.1   |
| 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: P1038076

CATALOG NUMBER: S125DS-B850DB50-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|       | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 337.5° | 340°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1182.6 | 1182.6 | 1182.6 | 1182.6 | 1182.6 | 1182.6 | 1182.6 | 1182.6 | 1182.6 | 1182.6 | 1182.6 |
| 2.5°  | 1123.3 | 1117.3 | 1124.3 | 1115.3 | 1117.3 | 1128.3 | 1127.3 | 1137.4 | 1143.4 | 1142.4 | 1147.4 |
| 5°    | 1049.0 | 1049.0 | 1052.1 | 1051.0 | 1061.1 | 1070.1 | 1082.2 | 1092.2 | 1103.2 | 1109.3 | 1116.3 |
| 7.5°  | 975.8  | 985.8  | 987.8  | 992.8  | 1004.9 | 1019.9 | 1032.0 | 1047.0 | 1063.1 | 1074.1 | 1082.2 |
| 10°   | 915.5  | 923.6  | 931.6  | 935.6  | 948.7  | 968.7  | 985.8  | 1009.9 | 1030.0 | 1042.0 | 1053.1 |
| 12.5° | 862.3  | 871.4  | 875.4  | 893.4  | 902.5  | 915.5  | 939.6  | 965.7  | 987.8  | 1000.9 | 1009.9 |
| 15°   | 824.2  | 829.2  | 838.2  | 849.3  | 858.3  | 874.4  | 894.4  | 923.6  | 944.6  | 955.7  | 986.8  |
| 17.5° | 792.1  | 798.1  | 803.1  | 808.1  | 822.2  | 839.2  | 858.3  | 883.4  | 910.5  | 929.6  | 945.6  |
| 20°   | 758.9  | 761.9  | 768.0  | 776.0  | 786.0  | 802.1  | 819.2  | 845.3  | 869.3  | 884.4  | 905.5  |
| 22.5° | 719.8  | 728.8  | 734.8  | 740.9  | 751.9  | 770.0  | 786.0  | 805.1  | 835.2  | 852.3  | 874.4  |
| 25°   | 696.7  | 700.7  | 704.7  | 711.7  | 719.8  | 735.8  | 753.9  | 774.0  | 798.1  | 816.1  | 835.2  |
| 27.5° | 666.6  | 672.6  | 677.6  | 686.6  | 691.7  | 704.7  | 721.8  | 741.9  | 771.0  | 786.0  | 802.1  |
| 30°   | 641.5  | 647.5  | 651.5  | 655.5  | 662.6  | 676.6  | 692.7  | 708.7  | 735.8  | 754.9  | 771.0  |
| 32.5° | 616.4  | 622.4  | 627.4  | 630.4  | 637.5  | 646.5  | 659.5  | 679.6  | 702.7  | 715.8  | 736.8  |
| 35°   | 594.3  | 594.3  | 600.3  | 604.3  | 610.4  | 618.4  | 630.4  | 645.5  | 669.6  | 686.6  | 705.7  |
| 37.5° | 569.2  | 570.2  | 575.2  | 578.2  | 584.3  | 592.3  | 604.3  | 618.4  | 638.5  | 651.5  | 670.6  |
| 40°   | 543.1  | 546.1  | 548.1  | 553.1  | 560.2  | 563.2  | 575.2  | 591.3  | 611.4  | 623.4  | 639.5  |
| 42.5° | 517.0  | 519.0  | 524.0  | 528.0  | 534.1  | 539.1  | 547.1  | 562.2  | 577.2  | 595.3  | 608.3  |
| 45°   | 487.9  | 492.9  | 495.9  | 502.9  | 505.9  | 511.0  | 519.0  | 531.0  | 549.1  | 560.2  | 575.2  |
| 47.5° | 462.8  | 464.8  | 466.8  | 475.8  | 481.9  | 484.9  | 492.9  | 499.9  | 519.0  | 529.0  | 543.1  |
| 50°   | 435.7  | 435.7  | 438.7  | 442.7  | 449.7  | 455.8  | 462.8  | 470.8  | 485.9  | 495.9  | 510.0  |
| 52.5° | 410.6  | 407.6  | 409.6  | 411.6  | 418.6  | 424.6  | 431.7  | 442.7  | 456.8  | 462.8  | 474.8  |
| 55°   | 383.5  | 378.5  | 381.5  | 384.5  | 386.5  | 394.5  | 402.6  | 409.6  | 420.6  | 429.7  | 440.7  |
| 57.5° | 354.4  | 353.4  | 351.4  | 352.4  | 357.4  | 362.4  | 368.4  | 377.5  | 390.5  | 397.5  | 403.6  |
| 60°   | 328.3  | 322.2  | 320.2  | 322.2  | 325.3  | 328.3  | 336.3  | 344.3  | 355.4  | 362.4  | 369.4  |
| 62.5° | 301.2  | 295.1  | 291.1  | 288.1  | 291.1  | 298.1  | 303.2  | 309.2  | 318.2  | 326.3  | 332.3  |
| 65°   | 275.1  | 266.0  | 262.0  | 260.0  | 259.0  | 264.0  | 268.0  | 276.1  | 284.1  | 287.1  | 294.1  |
| 67.5° | 245.9  | 237.9  | 232.9  | 229.9  | 229.9  | 229.9  | 233.9  | 241.9  | 250.0  | 251.0  | 258.0  |
| 70°   | 216.8  | 207.8  | 202.8  | 198.8  | 196.8  | 198.8  | 203.8  | 204.8  | 211.8  | 213.8  | 217.8  |
| 72.5° | 185.7  | 177.7  | 171.7  | 166.6  | 167.6  | 169.7  | 169.7  | 171.7  | 175.7  | 180.7  | 180.7  |
| 75°   | 156.6  | 145.6  | 142.5  | 138.5  | 136.5  | 136.5  | 136.5  | 140.5  | 143.6  | 147.6  | 146.6  |
| 77.5° | 123.5  | 117.5  | 111.4  | 109.4  | 106.4  | 105.4  | 107.4  | 107.4  | 109.4  | 112.4  | 113.4  |
| 80°   | 95.4   | 88.3   | 84.3   | 82.3   | 78.3   | 77.3   | 78.3   | 78.3   | 81.3   | 80.3   | 81.3   |
| 82.5° | 66.3   | 61.2   | 58.2   | 55.2   | 53.2   | 54.2   | 53.2   | 53.2   | 54.2   | 53.2   | 53.2   |
| 85°   | 38.1   | 37.1   | 35.1   | 34.1   | 33.1   | 31.1   | 33.1   | 32.1   | 31.1   | 30.1   | 32.1   |
| 87.5° | 18.1   | 17.1   | 17.1   | 15.1   | 15.1   | 14.1   | 15.1   | 15.1   | 14.1   | 14.1   | 14.1   |
| 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: P1038076

CATALOG NUMBER: S125DS-B850DB50-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|       | 345°   | 350°   | 355°   | 360°   |
|-------|--------|--------|--------|--------|
| 0°    | 1182.6 | 1182.6 | 1182.6 | 1182.6 |
| 2.5°  | 1154.4 | 1164.5 | 1171.5 | 1184.6 |
| 5°    | 1128.3 | 1146.4 | 1163.5 | 1181.6 |
| 7.5°  | 1102.2 | 1123.3 | 1150.4 | 1173.5 |
| 10°   | 1073.1 | 1100.2 | 1132.4 | 1163.5 |
| 12.5° | 1044.0 | 1076.1 | 1111.3 | 1152.4 |
| 15°   | 1008.9 | 1050.0 | 1091.2 | 1135.4 |
| 17.5° | 977.8  | 1019.9 | 1064.1 | 1119.3 |
| 20°   | 942.6  | 988.8  | 1037.0 | 1093.2 |
| 22.5° | 911.5  | 962.7  | 1012.9 | 1072.1 |
| 25°   | 876.4  | 926.6  | 981.8  | 1045.0 |
| 27.5° | 847.3  | 893.4  | 947.7  | 1015.9 |
| 30°   | 812.1  | 862.3  | 916.5  | 984.8  |
| 32.5° | 779.0  | 827.2  | 884.4  | 951.7  |
| 35°   | 744.9  | 794.1  | 845.3  | 909.5  |
| 37.5° | 712.7  | 754.9  | 806.1  | 867.3  |
| 40°   | 676.6  | 722.8  | 769.0  | 817.1  |
| 42.5° | 643.5  | 685.6  | 728.8  | 767.0  |
| 45°   | 606.3  | 642.5  | 683.6  | 714.8  |
| 47.5° | 572.2  | 604.3  | 636.5  | 660.5  |
| 50°   | 538.1  | 563.2  | 587.3  | 608.3  |
| 52.5° | 497.9  | 526.0  | 539.1  | 552.1  |
| 55°   | 461.8  | 477.8  | 489.9  | 502.9  |
| 57.5° | 426.6  | 433.7  | 439.7  | 451.7  |
| 60°   | 380.5  | 388.5  | 395.5  | 404.6  |
| 62.5° | 340.3  | 344.3  | 346.3  | 355.4  |
| 65°   | 302.2  | 301.2  | 306.2  | 311.2  |
| 67.5° | 261.0  | 260.0  | 265.0  | 267.0  |
| 70°   | 220.9  | 219.8  | 220.9  | 225.9  |
| 72.5° | 182.7  | 182.7  | 183.7  | 185.7  |
| 75°   | 147.6  | 147.6  | 148.6  | 150.6  |
| 77.5° | 111.4  | 113.4  | 112.4  | 116.4  |
| 80°   | 81.3   | 79.3   | 81.3   | 83.3   |
| 82.5° | 53.2   | 55.2   | 55.2   | 53.2   |
| 85°   | 30.1   | 30.1   | 30.1   | 30.1   |
| 87.5° | 13.1   | 13.1   | 14.1   | 15.1   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    |

(END OF REPORT)