

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: P1038067

Luminaire Tested: S125DS-B850DB30-4F0-XX-W2A-A

Issue Date: 5/2/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P1038067  
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-B850DB30-4F0-XX-W2A-A  
Description: Define 5 Direct Surface with 3000K BioUP LEDs {m-DER=0.589} {m-EER=0.647}  
Light Source: -  
Ballast/Driver: -

**Summary**

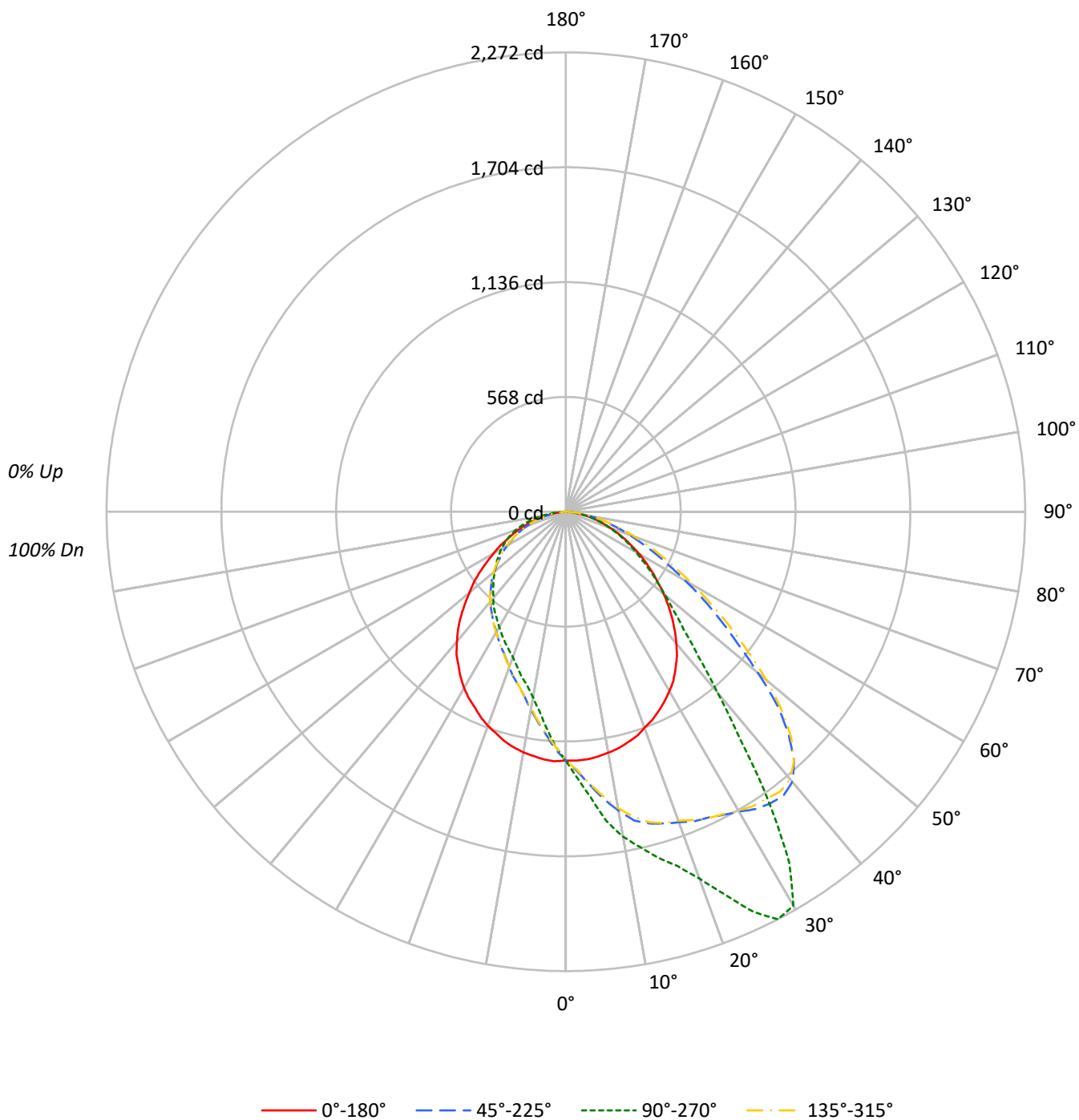
Lumens per Lamp: N/A  
Luminaire Lumens: 3471.0 lumens  
Efficiency: N/A  
Efficacy: 96.7 lumens/watt  
Spacing Criteria (0/90/45): 1.23 / 1.43 / 1.52  
Luminous Opening: Rectangular (W 0.42' x L: 4' x H: 0')  
CIE Type: Direct

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: P1038067

CATALOG NUMBER: S125DS-B850DB30-4F0-XX-W2A-A

### Luminous Intensity Polar Plot



TEST NUMBER: P1038067

CATALOG NUMBER: S125DS-B850DB30-4F0-XX-W2A-A

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

|     |     |     |     |     |     |     |     |     |     |     |     |  |     |     |     |  |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|-----|-----|-----|--|-----|
| RF  | 20  |     |     |     | 20  |     |     |     | 20  |     |     |  | 20  |     |     |  | 20  |
| RC  | 80  |     |     |     | 70  |     |     |     | 50  |     |     |  | 30  |     |     |  | 10  |
| RW  | 70  | 50  | 30  | 10  | 70  | 50  | 30  | 10  | 50  | 30  | 10  |  | 50  | 30  | 10  |  | 50  |
| RCR |     |     |     |     |     |     |     |     |     |     |     |  |     |     |     |  |     |
| 0   | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 |  | 106 | 106 | 106 |  | 102 |
| 1   | 109 | 105 | 101 | 97  | 107 | 103 | 99  | 96  | 99  | 96  | 93  |  | 95  | 92  | 90  |  | 91  |
| 2   | 100 | 92  | 86  | 80  | 98  | 90  | 84  | 79  | 87  | 82  | 78  |  | 84  | 80  | 76  |  | 81  |
| 3   | 92  | 82  | 74  | 68  | 89  | 80  | 73  | 67  | 77  | 71  | 66  |  | 74  | 69  | 65  |  | 72  |
| 4   | 84  | 73  | 64  | 58  | 82  | 71  | 63  | 57  | 69  | 62  | 57  |  | 67  | 61  | 56  |  | 64  |
| 5   | 78  | 65  | 56  | 50  | 76  | 64  | 56  | 50  | 62  | 55  | 49  |  | 60  | 54  | 49  |  | 58  |
| 6   | 72  | 59  | 50  | 44  | 70  | 58  | 50  | 44  | 56  | 49  | 43  |  | 54  | 48  | 43  |  | 53  |
| 7   | 67  | 53  | 45  | 39  | 65  | 53  | 45  | 39  | 51  | 44  | 39  |  | 50  | 43  | 38  |  | 48  |
| 8   | 62  | 49  | 41  | 35  | 61  | 48  | 40  | 35  | 47  | 40  | 34  |  | 46  | 39  | 34  |  | 44  |
| 9   | 58  | 45  | 37  | 31  | 57  | 44  | 37  | 31  | 43  | 36  | 31  |  | 42  | 36  | 31  |  | 41  |
| 10  | 54  | 41  | 34  | 28  | 53  | 41  | 33  | 28  | 40  | 33  | 28  |  | 39  | 33  | 28  |  | 38  |

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

|     | 0°   | 90°   | 180° | 270° |
|-----|------|-------|------|------|
| 0°  | 7881 | 7881  | 7881 | 7881 |
| 5°  | 7904 | 9126  | 7911 | 6924 |
| 10° | 7873 | 10618 | 7860 | 6067 |
| 15° | 7834 | 11754 | 7785 | 5596 |
| 20° | 7753 | 13157 | 7682 | 5219 |
| 25° | 7684 | 15413 | 7545 | 5034 |
| 30° | 7578 | 16648 | 7447 | 4875 |
| 35° | 7399 | 13688 | 7244 | 4770 |
| 40° | 7109 | 9729  | 7004 | 4654 |
| 45° | 6737 | 7474  | 6661 | 4588 |
| 50° | 6308 | 6380  | 6203 | 4579 |
| 55° | 5843 | 5680  | 5797 | 4619 |
| 60° | 5392 | 5124  | 5299 | 4736 |
| 65° | 4907 | 4733  | 4829 | 4860 |
| 70° | 4400 | 4303  | 4342 | 4929 |
| 75° | 3877 | 3800  | 3825 | 4884 |
| 80° | 3199 | 3199  | 3081 | 4468 |
| 85° | 2301 | 2536  | 2227 | 3609 |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 135°

Vertical Angle: 45°

Luminance: 14277 cd/sqm

TEST NUMBER: P1038067

CATALOG NUMBER: S125DS-B850DB30-4F0-XX-W2A-A

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 118.4  | 3.4       |
| 10°-20°   | 352.6  | 10.2      |
| 20°-30°   | 572.8  | 16.5      |
| 30°-40°   | 700.0  | 20.2      |
| 40°-50°   | 635.0  | 18.3      |
| 50°-60°   | 505.8  | 14.6      |
| 60°-70°   | 352.3  | 10.1      |
| 70°-80°   | 187.7  | 5.4       |
| 80°-90°   | 46.5   | 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°    | 1043.8 | 30.1      |
| 0°-40°    | 1743.8 | 50.2      |
| 0°-60°    | 2884.6 | 83.1      |
| 0°-90°    | 3471.0 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 3471.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 90°  | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0°  | 1230 | 1230 | 1230 | 1230 | 1230 |      |
| 5°  | 1229 | 1419 | 1230 | 1076 | 1229 | 117  |
| 15° | 1181 | 1772 | 1174 | 844  | 1181 | 333  |
| 25° | 1087 | 2180 | 1067 | 712  | 1087 | 501  |
| 35° | 946  | 1750 | 926  | 610  | 946  | 591  |
| 45° | 744  | 825  | 735  | 506  | 744  | 573  |
| 55° | 523  | 508  | 519  | 414  | 523  | 468  |
| 65° | 324  | 312  | 318  | 321  | 324  | 321  |
| 75° | 157  | 154  | 154  | 197  | 157  | 167  |
| 85° | 31   | 34   | 30   | 49   | 31   | 40   |
| 90° | 0    | 0    | 0    | 0    | 0    |      |

TEST NUMBER: P1038067

CATALOG NUMBER: S125DS-B850DB30-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 10°    | 15°    | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1230.0 | 1230.0 | 1230.0 | 1230.0 | 1230.0 | 1230.0 | 1230.0 | 1230.0 | 1230.0 | 1230.0 | 1230.0 |
| 2.5°  | 1232.1 | 1239.4 | 1247.8 | 1254.1 | 1264.5 | 1267.6 | 1272.9 | 1276.0 | 1279.1 | 1282.3 | 1284.3 |
| 5°    | 1229.0 | 1246.7 | 1262.4 | 1273.9 | 1293.7 | 1301.0 | 1310.4 | 1321.9 | 1335.5 | 1347.0 | 1354.3 |
| 7.5°  | 1220.6 | 1248.8 | 1269.7 | 1292.7 | 1319.8 | 1337.6 | 1347.0 | 1371.0 | 1392.9 | 1409.6 | 1431.6 |
| 10°   | 1210.2 | 1243.6 | 1276.0 | 1310.4 | 1349.1 | 1368.9 | 1387.7 | 1421.1 | 1451.4 | 1478.6 | 1500.5 |
| 12.5° | 1198.7 | 1239.4 | 1278.1 | 1323.0 | 1375.2 | 1399.2 | 1411.7 | 1469.2 | 1506.7 | 1521.4 | 1564.2 |
| 15°   | 1181.0 | 1229.0 | 1284.3 | 1339.7 | 1383.5 | 1411.7 | 1446.2 | 1492.1 | 1529.7 | 1562.1 | 1596.5 |
| 17.5° | 1164.3 | 1216.5 | 1272.9 | 1334.5 | 1398.2 | 1434.7 | 1460.8 | 1501.5 | 1542.3 | 1584.0 | 1616.4 |
| 20°   | 1137.1 | 1205.0 | 1262.4 | 1328.2 | 1403.4 | 1429.5 | 1456.6 | 1504.7 | 1548.5 | 1593.4 | 1634.1 |
| 22.5° | 1115.2 | 1179.9 | 1258.2 | 1320.9 | 1384.6 | 1410.7 | 1444.1 | 1494.2 | 1546.4 | 1597.6 | 1657.1 |
| 25°   | 1087.0 | 1159.0 | 1226.9 | 1293.7 | 1359.5 | 1387.7 | 1418.0 | 1482.7 | 1537.0 | 1602.8 | 1668.6 |
| 27.5° | 1056.7 | 1130.8 | 1198.7 | 1259.3 | 1320.9 | 1359.5 | 1391.9 | 1459.8 | 1531.8 | 1603.9 | 1689.5 |
| 30°   | 1024.3 | 1094.3 | 1159.0 | 1218.6 | 1286.4 | 1326.1 | 1358.5 | 1437.8 | 1518.2 | 1610.1 | 1712.5 |
| 32.5° | 989.9  | 1055.7 | 1111.0 | 1171.6 | 1243.6 | 1280.2 | 1324.0 | 1410.7 | 1505.7 | 1615.3 | 1743.8 |
| 35°   | 946.0  | 1008.7 | 1057.8 | 1119.4 | 1191.4 | 1238.4 | 1284.3 | 1381.4 | 1492.1 | 1614.3 | 1761.5 |
| 37.5° | 902.2  | 951.2  | 998.2  | 1064.0 | 1147.6 | 1190.4 | 1238.4 | 1344.9 | 1471.2 | 1611.2 | 1768.8 |
| 40°   | 850.0  | 898.0  | 938.7  | 1005.5 | 1093.3 | 1142.3 | 1192.5 | 1304.2 | 1447.2 | 1599.7 | 1742.7 |
| 42.5° | 797.8  | 838.5  | 883.4  | 953.3  | 1037.9 | 1090.1 | 1143.4 | 1267.6 | 1415.9 | 1566.3 | 1670.7 |
| 45°   | 743.5  | 774.8  | 823.9  | 887.6  | 977.4  | 1027.5 | 1088.0 | 1222.7 | 1372.1 | 1505.7 | 1557.9 |
| 47.5° | 687.1  | 718.4  | 764.3  | 825.9  | 914.7  | 974.2  | 1031.6 | 1166.3 | 1316.7 | 1420.1 | 1420.1 |
| 50°   | 632.8  | 657.8  | 702.7  | 764.3  | 854.1  | 908.4  | 966.9  | 1110.0 | 1231.1 | 1307.3 | 1239.4 |
| 52.5° | 574.3  | 602.5  | 640.1  | 704.8  | 793.6  | 842.7  | 906.3  | 1028.5 | 1143.4 | 1174.7 | 1070.3 |
| 55°   | 523.1  | 546.1  | 581.6  | 643.2  | 725.7  | 776.9  | 831.2  | 948.1  | 1045.2 | 1043.1 | 931.4  |
| 57.5° | 469.9  | 488.7  | 526.3  | 582.7  | 658.9  | 704.8  | 759.1  | 860.4  | 939.8  | 911.6  | 806.1  |
| 60°   | 420.8  | 434.4  | 470.9  | 516.9  | 590.0  | 632.8  | 685.0  | 767.5  | 828.0  | 788.4  | 681.8  |
| 62.5° | 369.6  | 385.3  | 414.5  | 459.4  | 524.2  | 558.6  | 597.3  | 680.8  | 719.4  | 683.9  | 575.3  |
| 65°   | 323.7  | 336.2  | 362.3  | 399.9  | 458.4  | 489.7  | 523.1  | 592.0  | 628.6  | 577.4  | 487.6  |
| 67.5° | 277.8  | 292.4  | 311.2  | 344.6  | 390.5  | 419.8  | 449.0  | 508.5  | 525.2  | 479.3  | 404.1  |
| 70°   | 234.9  | 247.5  | 265.2  | 289.2  | 327.9  | 354.0  | 375.9  | 425.0  | 436.5  | 393.7  | 334.1  |
| 72.5° | 193.2  | 201.5  | 216.1  | 236.0  | 271.5  | 286.1  | 309.1  | 342.5  | 357.1  | 318.5  | 275.7  |
| 75°   | 156.6  | 162.9  | 172.3  | 186.9  | 210.9  | 226.6  | 245.4  | 276.7  | 275.7  | 248.5  | 218.2  |
| 77.5° | 121.1  | 122.2  | 132.6  | 146.2  | 160.8  | 174.4  | 183.8  | 205.7  | 207.8  | 191.1  | 166.0  |
| 80°   | 86.7   | 89.8   | 94.0   | 104.4  | 116.9  | 122.2  | 133.7  | 147.2  | 149.3  | 136.8  | 120.1  |
| 82.5° | 55.3   | 57.4   | 60.6   | 66.8   | 75.2   | 81.4   | 87.7   | 92.9   | 98.2   | 90.8   | 77.3   |
| 85°   | 31.3   | 32.4   | 35.5   | 37.6   | 41.8   | 44.9   | 50.1   | 55.3   | 54.3   | 49.1   | 44.9   |
| 87.5° | 15.7   | 15.7   | 15.7   | 17.8   | 19.8   | 19.8   | 21.9   | 23.0   | 24.0   | 21.9   | 19.8   |
| 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: P1038067

CATALOG NUMBER: S125DS-B850DB30-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|       | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1230.0 | 1230.0 | 1230.0 | 1230.0 | 1230.0 | 1230.0 | 1230.0 | 1230.0 | 1230.0 | 1230.0 | 1230.0 |
| 2.5°  | 1286.4 | 1293.7 | 1300.0 | 1305.2 | 1309.4 | 1315.7 | 1311.5 | 1312.5 | 1314.6 | 1318.8 | 1318.8 |
| 5°    | 1370.0 | 1381.4 | 1387.7 | 1408.6 | 1413.8 | 1412.8 | 1409.6 | 1426.3 | 1425.3 | 1419.0 | 1418.0 |
| 7.5°  | 1451.4 | 1471.2 | 1489.0 | 1505.7 | 1510.9 | 1524.5 | 1527.6 | 1534.9 | 1532.9 | 1543.3 | 1538.1 |
| 10°   | 1525.5 | 1556.9 | 1573.6 | 1598.6 | 1604.9 | 1611.2 | 1619.5 | 1623.7 | 1633.1 | 1632.1 | 1632.1 |
| 12.5° | 1583.0 | 1620.6 | 1642.5 | 1648.8 | 1672.8 | 1680.1 | 1687.4 | 1701.0 | 1697.8 | 1698.9 | 1705.1 |
| 15°   | 1627.9 | 1664.4 | 1683.2 | 1712.5 | 1729.2 | 1737.5 | 1750.0 | 1764.7 | 1762.6 | 1772.0 | 1769.9 |
| 17.5° | 1661.3 | 1695.7 | 1730.2 | 1774.1 | 1775.1 | 1797.0 | 1826.3 | 1832.5 | 1846.1 | 1836.7 | 1836.7 |
| 20°   | 1688.4 | 1734.4 | 1783.5 | 1839.8 | 1846.1 | 1859.7 | 1895.2 | 1919.2 | 1934.9 | 1929.6 | 1932.8 |
| 22.5° | 1717.7 | 1783.5 | 1840.9 | 1897.3 | 1927.6 | 1951.6 | 1986.0 | 2023.6 | 2037.2 | 2045.5 | 2043.5 |
| 25°   | 1755.3 | 1824.2 | 1908.8 | 1987.1 | 2018.4 | 2064.3 | 2110.3 | 2146.8 | 2157.3 | 2180.2 | 2159.4 |
| 27.5° | 1793.9 | 1891.0 | 1996.5 | 2088.4 | 2128.0 | 2165.6 | 2221.0 | 2248.1 | 2261.7 | 2272.1 | 2264.8 |
| 30°   | 1826.3 | 1959.9 | 2074.8 | 2159.4 | 2187.6 | 2209.5 | 2240.8 | 2247.1 | 2241.9 | 2250.2 | 2260.6 |
| 32.5° | 1876.4 | 2006.9 | 2104.0 | 2144.7 | 2141.6 | 2140.6 | 2116.5 | 2083.1 | 2075.8 | 2056.0 | 2083.1 |
| 35°   | 1903.5 | 2008.0 | 2045.5 | 1991.2 | 1969.3 | 1929.6 | 1853.4 | 1803.3 | 1759.4 | 1750.0 | 1752.1 |
| 37.5° | 1887.9 | 1928.6 | 1883.7 | 1740.6 | 1705.1 | 1644.6 | 1543.3 | 1472.3 | 1439.9 | 1414.9 | 1447.2 |
| 40°   | 1803.3 | 1758.4 | 1635.2 | 1460.8 | 1409.6 | 1352.2 | 1257.2 | 1218.6 | 1172.6 | 1163.2 | 1206.0 |
| 42.5° | 1663.4 | 1526.6 | 1352.2 | 1217.5 | 1164.3 | 1131.9 | 1052.5 | 1016.0 | 983.6  | 969.0  | 993.0  |
| 45°   | 1473.3 | 1307.3 | 1131.9 | 1021.2 | 976.3  | 937.7  | 890.7  | 852.0  | 831.2  | 824.9  | 844.7  |
| 47.5° | 1277.0 | 1101.6 | 961.7  | 879.2  | 832.2  | 803.0  | 759.1  | 737.2  | 720.5  | 722.6  | 725.7  |
| 50°   | 1089.1 | 929.3  | 821.8  | 739.3  | 716.3  | 693.3  | 664.1  | 645.3  | 636.9  | 640.1  | 638.0  |
| 52.5° | 927.2  | 797.8  | 706.9  | 643.2  | 632.8  | 610.8  | 586.8  | 571.2  | 568.0  | 569.1  | 572.2  |
| 55°   | 785.2  | 683.9  | 611.9  | 565.9  | 554.5  | 538.8  | 524.2  | 513.7  | 505.4  | 508.5  | 507.5  |
| 57.5° | 677.7  | 588.9  | 533.6  | 496.0  | 487.6  | 478.2  | 464.7  | 459.4  | 456.3  | 450.0  | 455.3  |
| 60°   | 582.7  | 510.6  | 462.6  | 439.6  | 432.3  | 426.0  | 411.4  | 405.1  | 403.1  | 399.9  | 408.3  |
| 62.5° | 492.9  | 441.7  | 405.1  | 384.3  | 376.9  | 370.7  | 363.4  | 358.2  | 359.2  | 355.0  | 359.2  |
| 65°   | 421.8  | 380.1  | 354.0  | 335.2  | 325.8  | 321.6  | 320.6  | 312.2  | 311.2  | 312.2  | 313.3  |
| 67.5° | 356.1  | 320.6  | 300.7  | 289.2  | 281.9  | 277.8  | 274.6  | 269.4  | 273.6  | 270.4  | 272.5  |
| 70°   | 296.5  | 272.5  | 251.6  | 240.2  | 237.0  | 238.1  | 232.9  | 230.8  | 231.8  | 229.7  | 231.8  |
| 72.5° | 239.1  | 219.3  | 210.9  | 202.6  | 198.4  | 197.3  | 194.2  | 191.1  | 194.2  | 193.2  | 193.2  |
| 75°   | 191.1  | 176.5  | 167.1  | 161.8  | 161.8  | 159.8  | 154.5  | 154.5  | 154.5  | 153.5  | 154.5  |
| 77.5° | 147.2  | 134.7  | 130.5  | 125.3  | 125.3  | 122.2  | 121.1  | 121.1  | 119.0  | 122.2  | 120.1  |
| 80°   | 109.6  | 100.2  | 94.0   | 90.8   | 90.8   | 89.8   | 87.7   | 86.7   | 87.7   | 86.7   | 86.7   |
| 82.5° | 71.0   | 66.8   | 63.7   | 60.6   | 59.5   | 60.6   | 59.5   | 57.4   | 58.5   | 57.4   | 59.5   |
| 85°   | 40.7   | 36.5   | 36.5   | 34.5   | 35.5   | 33.4   | 34.5   | 32.4   | 31.3   | 34.5   | 32.4   |
| 87.5° | 17.8   | 16.7   | 16.7   | 14.6   | 14.6   | 14.6   | 13.6   | 14.6   | 13.6   | 12.5   | 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: P1038067

CATALOG NUMBER: S125DS-B850DB30-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|       | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1230.0 | 1230.0 | 1230.0 | 1230.0 | 1230.0 | 1230.0 | 1230.0 | 1230.0 | 1230.0 | 1230.0 | 1230.0 |
| 2.5°  | 1316.7 | 1309.4 | 1311.5 | 1309.4 | 1304.2 | 1301.0 | 1292.7 | 1282.3 | 1278.1 | 1272.9 | 1269.7 |
| 5°    | 1422.2 | 1416.9 | 1415.9 | 1407.6 | 1405.5 | 1392.9 | 1372.1 | 1361.6 | 1349.1 | 1336.5 | 1324.0 |
| 7.5°  | 1537.0 | 1530.8 | 1509.9 | 1506.7 | 1508.8 | 1493.2 | 1466.0 | 1445.1 | 1419.0 | 1401.3 | 1377.3 |
| 10°   | 1632.1 | 1619.5 | 1601.8 | 1602.8 | 1595.5 | 1574.6 | 1547.5 | 1525.5 | 1488.0 | 1465.0 | 1430.5 |
| 12.5° | 1689.5 | 1679.0 | 1677.0 | 1666.5 | 1660.2 | 1633.1 | 1600.7 | 1572.5 | 1544.3 | 1513.0 | 1486.9 |
| 15°   | 1759.4 | 1745.9 | 1736.5 | 1721.8 | 1717.7 | 1689.5 | 1654.0 | 1621.6 | 1589.2 | 1560.0 | 1504.7 |
| 17.5° | 1836.7 | 1822.1 | 1786.6 | 1783.5 | 1758.4 | 1731.2 | 1696.8 | 1648.8 | 1614.3 | 1572.5 | 1531.8 |
| 20°   | 1924.4 | 1903.5 | 1857.6 | 1846.1 | 1826.3 | 1781.4 | 1734.4 | 1681.1 | 1625.8 | 1583.0 | 1534.9 |
| 22.5° | 2022.6 | 1986.0 | 1952.6 | 1916.1 | 1901.4 | 1846.1 | 1781.4 | 1716.6 | 1649.8 | 1591.3 | 1533.9 |
| 25°   | 2150.0 | 2101.9 | 2054.9 | 2018.4 | 1993.3 | 1921.3 | 1834.6 | 1749.0 | 1671.7 | 1595.5 | 1520.3 |
| 27.5° | 2250.2 | 2208.4 | 2157.3 | 2109.2 | 2076.9 | 1991.2 | 1892.1 | 1781.4 | 1685.3 | 1592.4 | 1512.0 |
| 30°   | 2257.5 | 2245.0 | 2213.7 | 2187.6 | 2152.1 | 2060.2 | 1950.5 | 1825.2 | 1706.2 | 1593.4 | 1495.3 |
| 32.5° | 2120.7 | 2145.8 | 2159.4 | 2163.5 | 2156.2 | 2103.0 | 2002.7 | 1864.9 | 1725.0 | 1584.0 | 1480.6 |
| 35°   | 1826.3 | 1893.1 | 1975.6 | 2006.9 | 2037.2 | 2065.4 | 2013.2 | 1893.1 | 1731.2 | 1581.9 | 1457.7 |
| 37.5° | 1503.6 | 1564.2 | 1701.0 | 1763.6 | 1799.1 | 1910.8 | 1953.7 | 1888.9 | 1743.8 | 1584.0 | 1435.7 |
| 40°   | 1213.3 | 1309.4 | 1407.6 | 1492.1 | 1547.5 | 1672.8 | 1805.4 | 1820.0 | 1726.0 | 1564.2 | 1407.6 |
| 42.5° | 1021.2 | 1077.6 | 1151.7 | 1230.0 | 1279.1 | 1427.4 | 1607.0 | 1712.5 | 1670.7 | 1531.8 | 1373.1 |
| 45°   | 869.8  | 911.6  | 981.5  | 1007.6 | 1070.3 | 1212.3 | 1402.3 | 1554.8 | 1575.7 | 1480.6 | 1333.4 |
| 47.5° | 746.6  | 782.1  | 827.0  | 859.4  | 909.5  | 1016.0 | 1176.8 | 1344.9 | 1445.1 | 1410.7 | 1278.1 |
| 50°   | 657.8  | 687.1  | 724.7  | 743.5  | 775.8  | 871.9  | 993.0  | 1160.1 | 1294.8 | 1306.3 | 1206.0 |
| 52.5° | 583.7  | 600.4  | 629.6  | 650.5  | 676.6  | 735.1  | 844.7  | 982.6  | 1134.0 | 1196.6 | 1117.3 |
| 55°   | 519.0  | 532.5  | 558.6  | 572.2  | 585.8  | 635.9  | 721.5  | 846.8  | 988.8  | 1071.3 | 1026.4 |
| 57.5° | 460.5  | 472.0  | 493.9  | 506.4  | 513.7  | 561.8  | 627.6  | 725.7  | 853.1  | 953.3  | 928.3  |
| 60°   | 412.5  | 422.9  | 435.4  | 444.8  | 453.2  | 492.9  | 538.8  | 618.2  | 732.0  | 829.1  | 822.8  |
| 62.5° | 361.3  | 370.7  | 384.3  | 393.7  | 401.0  | 426.0  | 464.7  | 525.2  | 622.3  | 712.1  | 729.9  |
| 65°   | 316.4  | 323.7  | 333.1  | 337.3  | 346.7  | 365.5  | 396.8  | 451.1  | 530.4  | 610.8  | 623.4  |
| 67.5° | 275.7  | 277.8  | 284.0  | 293.4  | 295.5  | 312.2  | 340.4  | 381.1  | 442.7  | 508.5  | 528.4  |
| 70°   | 231.8  | 234.9  | 240.2  | 247.5  | 251.6  | 262.1  | 286.1  | 313.3  | 366.5  | 423.9  | 438.6  |
| 72.5° | 193.2  | 197.3  | 199.4  | 203.6  | 205.7  | 222.4  | 232.9  | 260.0  | 296.5  | 344.6  | 360.2  |
| 75°   | 156.6  | 160.8  | 161.8  | 163.9  | 166.0  | 173.3  | 188.0  | 204.7  | 234.9  | 266.3  | 287.1  |
| 77.5° | 124.3  | 123.2  | 125.3  | 128.4  | 127.4  | 133.7  | 143.1  | 157.7  | 177.5  | 203.6  | 217.2  |
| 80°   | 87.7   | 87.7   | 90.8   | 94.0   | 92.9   | 99.2   | 102.3  | 112.8  | 129.5  | 146.2  | 151.4  |
| 82.5° | 58.5   | 58.5   | 61.6   | 61.6   | 63.7   | 64.7   | 68.9   | 74.1   | 87.7   | 96.1   | 99.2   |
| 85°   | 33.4   | 33.4   | 34.5   | 34.5   | 34.5   | 36.5   | 39.7   | 41.8   | 45.9   | 51.2   | 53.3   |
| 87.5° | 13.6   | 14.6   | 14.6   | 14.6   | 14.6   | 16.7   | 16.7   | 18.8   | 19.8   | 21.9   | 21.9   |
| 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: P1038067

CATALOG NUMBER: S125DS-B850DB30-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|       | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1230.0 | 1230.0 | 1230.0 | 1230.0 | 1230.0 | 1230.0 | 1230.0 | 1230.0 | 1230.0 | 1230.0 | 1230.0 |
| 2.5°  | 1265.5 | 1260.3 | 1254.1 | 1254.1 | 1246.7 | 1243.6 | 1237.4 | 1235.3 | 1230.0 | 1221.7 | 1215.4 |
| 5°    | 1310.4 | 1296.9 | 1288.5 | 1281.2 | 1265.5 | 1254.1 | 1242.6 | 1230.0 | 1217.5 | 1202.9 | 1186.2 |
| 7.5°  | 1354.3 | 1329.2 | 1317.8 | 1305.2 | 1282.3 | 1258.2 | 1235.3 | 1218.6 | 1201.8 | 1178.9 | 1158.0 |
| 10°   | 1400.2 | 1368.9 | 1348.0 | 1331.3 | 1295.8 | 1265.5 | 1232.1 | 1208.1 | 1182.0 | 1152.8 | 1125.6 |
| 12.5° | 1438.9 | 1398.2 | 1380.4 | 1349.1 | 1308.4 | 1271.8 | 1230.0 | 1193.5 | 1159.0 | 1124.6 | 1091.2 |
| 15°   | 1471.2 | 1432.6 | 1388.8 | 1376.2 | 1319.8 | 1267.6 | 1220.6 | 1173.7 | 1130.8 | 1096.4 | 1057.8 |
| 17.5° | 1481.7 | 1432.6 | 1410.7 | 1380.4 | 1313.6 | 1259.3 | 1199.8 | 1148.6 | 1107.9 | 1056.7 | 1026.4 |
| 20°   | 1484.8 | 1437.8 | 1407.6 | 1379.4 | 1319.8 | 1247.8 | 1189.3 | 1126.7 | 1077.6 | 1026.4 | 978.4  |
| 22.5° | 1476.5 | 1421.1 | 1391.9 | 1364.7 | 1297.9 | 1236.3 | 1168.4 | 1099.5 | 1042.1 | 995.1  | 947.1  |
| 25°   | 1460.8 | 1396.1 | 1367.9 | 1338.6 | 1274.9 | 1207.1 | 1132.9 | 1067.2 | 1013.9 | 957.5  | 910.5  |
| 27.5° | 1439.9 | 1365.8 | 1333.4 | 1303.1 | 1240.5 | 1176.8 | 1106.8 | 1039.0 | 979.4  | 919.9  | 876.1  |
| 30°   | 1413.8 | 1328.2 | 1299.0 | 1259.3 | 1198.7 | 1138.2 | 1074.5 | 1006.6 | 939.8  | 883.4  | 835.3  |
| 32.5° | 1380.4 | 1290.6 | 1252.0 | 1214.4 | 1148.6 | 1093.3 | 1032.7 | 969.0  | 904.3  | 848.9  | 798.8  |
| 35°   | 1350.1 | 1247.8 | 1205.0 | 1167.4 | 1094.3 | 1035.8 | 985.7  | 926.2  | 868.8  | 811.3  | 766.4  |
| 37.5° | 1309.4 | 1205.0 | 1153.8 | 1115.2 | 1041.0 | 981.5  | 934.5  | 888.6  | 828.0  | 772.7  | 730.9  |
| 40°   | 1266.6 | 1151.7 | 1103.7 | 1065.1 | 987.8  | 923.1  | 878.2  | 837.4  | 788.4  | 737.2  | 693.3  |
| 42.5° | 1228.0 | 1100.6 | 1049.4 | 1002.4 | 924.1  | 866.7  | 820.7  | 789.4  | 744.5  | 698.6  | 658.9  |
| 45°   | 1178.9 | 1046.3 | 990.9  | 941.8  | 866.7  | 804.0  | 760.2  | 735.1  | 701.7  | 656.8  | 622.3  |
| 47.5° | 1128.8 | 987.8  | 930.4  | 882.3  | 800.9  | 745.5  | 702.7  | 678.7  | 655.7  | 620.2  | 585.8  |
| 50°   | 1063.0 | 926.2  | 874.0  | 818.6  | 738.2  | 681.8  | 646.3  | 622.3  | 604.6  | 579.5  | 550.3  |
| 52.5° | 990.9  | 862.5  | 806.1  | 758.1  | 678.7  | 627.6  | 586.8  | 573.3  | 555.5  | 536.7  | 511.6  |
| 55°   | 914.7  | 793.6  | 739.3  | 692.3  | 619.2  | 567.0  | 533.6  | 519.0  | 505.4  | 490.8  | 474.1  |
| 57.5° | 838.5  | 721.5  | 670.4  | 628.6  | 560.7  | 510.6  | 483.5  | 463.6  | 454.2  | 445.9  | 432.3  |
| 60°   | 743.5  | 644.3  | 604.6  | 567.0  | 500.2  | 454.2  | 428.1  | 413.5  | 405.1  | 401.0  | 394.7  |
| 62.5° | 659.9  | 578.5  | 534.6  | 498.1  | 444.8  | 404.1  | 379.0  | 367.6  | 360.2  | 358.2  | 350.8  |
| 65°   | 571.2  | 501.2  | 466.7  | 435.4  | 389.5  | 352.9  | 332.0  | 318.5  | 313.3  | 312.2  | 312.2  |
| 67.5° | 487.6  | 431.2  | 396.8  | 374.9  | 335.2  | 302.8  | 283.0  | 277.8  | 274.6  | 270.4  | 269.4  |
| 70°   | 409.3  | 364.4  | 334.1  | 315.3  | 279.8  | 255.8  | 240.2  | 231.8  | 231.8  | 228.7  | 226.6  |
| 72.5° | 340.4  | 295.5  | 275.7  | 260.0  | 230.8  | 209.9  | 198.4  | 196.3  | 189.0  | 188.0  | 188.0  |
| 75°   | 266.3  | 232.9  | 219.3  | 205.7  | 183.8  | 169.2  | 159.8  | 154.5  | 150.4  | 150.4  | 151.4  |
| 77.5° | 200.5  | 177.5  | 165.0  | 154.5  | 138.9  | 129.5  | 122.2  | 120.1  | 115.9  | 115.9  | 115.9  |
| 80°   | 142.0  | 129.5  | 120.1  | 111.7  | 100.2  | 91.9   | 87.7   | 83.5   | 83.5   | 82.5   | 83.5   |
| 82.5° | 91.9   | 81.4   | 76.2   | 75.2   | 64.7   | 61.6   | 56.4   | 57.4   | 54.3   | 53.3   | 55.3   |
| 85°   | 53.3   | 48.0   | 41.8   | 39.7   | 35.5   | 31.3   | 29.2   | 30.3   | 29.2   | 28.2   | 29.2   |
| 87.5° | 20.9   | 17.8   | 16.7   | 16.7   | 13.6   | 12.5   | 11.5   | 12.5   | 10.4   | 10.4   | 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: P1038067

CATALOG NUMBER: S125DS-B850DB30-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|       | 200°   | 202.5° | 205°   | 210°   | 215°   | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1230.0 | 1230.0 | 1230.0 | 1230.0 | 1230.0 | 1230.0 | 1230.0 | 1230.0 | 1230.0 | 1230.0 | 1230.0 |
| 2.5°  | 1213.3 | 1211.2 | 1206.0 | 1202.9 | 1192.5 | 1179.9 | 1175.7 | 1165.3 | 1169.5 | 1162.2 | 1162.2 |
| 5°    | 1181.0 | 1171.6 | 1165.3 | 1155.9 | 1136.1 | 1122.5 | 1107.9 | 1100.6 | 1096.4 | 1091.2 | 1087.0 |
| 7.5°  | 1139.2 | 1131.9 | 1125.6 | 1107.9 | 1085.9 | 1067.2 | 1049.4 | 1042.1 | 1028.5 | 1019.1 | 1014.9 |
| 10°   | 1102.7 | 1092.2 | 1077.6 | 1056.7 | 1033.7 | 1009.7 | 994.1  | 978.4  | 968.0  | 962.7  | 951.2  |
| 12.5° | 1065.1 | 1052.5 | 1036.9 | 1006.6 | 981.5  | 966.9  | 938.7  | 924.1  | 918.9  | 914.7  | 901.1  |
| 15°   | 1026.4 | 1012.9 | 994.1  | 965.9  | 943.9  | 909.5  | 892.8  | 881.3  | 868.8  | 867.7  | 857.3  |
| 17.5° | 992.0  | 975.3  | 959.6  | 925.1  | 898.0  | 867.7  | 858.3  | 845.8  | 834.3  | 821.8  | 816.5  |
| 20°   | 948.1  | 932.5  | 921.0  | 883.4  | 853.1  | 834.3  | 818.6  | 808.2  | 800.9  | 788.4  | 786.3  |
| 22.5° | 908.4  | 891.7  | 876.1  | 847.9  | 821.8  | 797.8  | 779.0  | 767.5  | 764.3  | 759.1  | 749.7  |
| 25°   | 869.8  | 853.1  | 834.3  | 808.2  | 781.0  | 764.3  | 747.6  | 740.3  | 734.1  | 725.7  | 718.4  |
| 27.5° | 837.4  | 821.8  | 804.0  | 771.6  | 748.7  | 736.1  | 718.4  | 710.0  | 701.7  | 697.5  | 694.4  |
| 30°   | 798.8  | 781.0  | 767.5  | 742.4  | 717.4  | 700.6  | 688.1  | 680.8  | 673.5  | 669.3  | 667.2  |
| 32.5° | 761.2  | 744.5  | 735.1  | 708.0  | 688.1  | 668.3  | 658.9  | 653.7  | 649.5  | 645.3  | 641.1  |
| 35°   | 730.9  | 714.2  | 699.6  | 674.5  | 654.7  | 641.1  | 633.8  | 625.5  | 622.3  | 618.2  | 618.2  |
| 37.5° | 693.3  | 680.8  | 666.2  | 642.2  | 624.4  | 614.0  | 607.7  | 597.3  | 596.2  | 594.1  | 591.0  |
| 40°   | 661.0  | 648.4  | 634.9  | 614.0  | 598.3  | 585.8  | 577.4  | 572.2  | 569.1  | 567.0  | 564.9  |
| 42.5° | 626.5  | 612.9  | 606.7  | 582.7  | 569.1  | 556.5  | 552.4  | 547.1  | 546.1  | 541.9  | 536.7  |
| 45°   | 593.1  | 581.6  | 569.1  | 551.3  | 539.8  | 529.4  | 523.1  | 519.0  | 513.7  | 512.7  | 509.6  |
| 47.5° | 563.9  | 550.3  | 538.8  | 522.1  | 509.6  | 501.2  | 496.0  | 490.8  | 486.6  | 483.5  | 480.3  |
| 50°   | 526.3  | 515.8  | 506.4  | 488.7  | 478.2  | 469.9  | 462.6  | 458.4  | 454.2  | 454.2  | 454.2  |
| 52.5° | 489.7  | 480.3  | 472.0  | 459.4  | 446.9  | 439.6  | 431.2  | 428.1  | 426.0  | 422.9  | 426.0  |
| 55°   | 454.2  | 444.8  | 436.5  | 427.1  | 412.5  | 406.2  | 397.8  | 394.7  | 395.7  | 395.7  | 398.9  |
| 57.5° | 416.6  | 409.3  | 404.1  | 392.6  | 379.0  | 372.8  | 367.6  | 364.4  | 364.4  | 368.6  | 369.6  |
| 60°   | 380.1  | 372.8  | 363.4  | 352.9  | 344.6  | 337.3  | 334.1  | 335.2  | 335.2  | 337.3  | 342.5  |
| 62.5° | 339.4  | 335.2  | 330.0  | 315.3  | 310.1  | 304.9  | 300.7  | 303.9  | 302.8  | 308.0  | 315.3  |
| 65°   | 301.8  | 297.6  | 290.3  | 283.0  | 276.7  | 271.5  | 270.4  | 271.5  | 273.6  | 278.8  | 287.1  |
| 67.5° | 260.0  | 260.0  | 253.7  | 247.5  | 242.2  | 237.0  | 238.1  | 239.1  | 241.2  | 247.5  | 260.0  |
| 70°   | 225.5  | 221.4  | 215.1  | 210.9  | 206.7  | 204.7  | 202.6  | 206.7  | 213.0  | 217.2  | 226.6  |
| 72.5° | 188.0  | 184.8  | 179.6  | 175.4  | 174.4  | 172.3  | 171.2  | 173.3  | 179.6  | 186.9  | 197.3  |
| 75°   | 148.3  | 149.3  | 146.2  | 143.1  | 143.1  | 139.9  | 142.0  | 142.0  | 148.3  | 155.6  | 163.9  |
| 77.5° | 114.9  | 113.8  | 112.8  | 110.7  | 109.6  | 109.6  | 109.6  | 111.7  | 118.0  | 122.2  | 130.5  |
| 80°   | 81.4   | 82.5   | 79.4   | 80.4   | 79.4   | 80.4   | 80.4   | 84.6   | 87.7   | 92.9   | 99.2   |
| 82.5° | 54.3   | 54.3   | 52.2   | 53.3   | 53.3   | 53.3   | 54.3   | 56.4   | 60.6   | 64.7   | 68.9   |
| 85°   | 30.3   | 31.3   | 29.2   | 31.3   | 31.3   | 31.3   | 32.4   | 33.4   | 36.5   | 37.6   | 41.8   |
| 87.5° | 11.5   | 13.6   | 13.6   | 11.5   | 12.5   | 13.6   | 14.6   | 13.6   | 15.7   | 17.8   | 18.8   |
| 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: P1038067

CATALOG NUMBER: S125DS-B850DB30-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|       | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1230.0 | 1230.0 | 1230.0 | 1230.0 | 1230.0 | 1230.0 | 1230.0 | 1230.0 | 1230.0 | 1230.0 | 1230.0 |
| 2.5°  | 1166.3 | 1159.0 | 1158.0 | 1160.1 | 1155.9 | 1162.2 | 1160.1 | 1162.2 | 1156.9 | 1162.2 | 1159.0 |
| 5°    | 1085.9 | 1083.9 | 1079.7 | 1074.5 | 1075.5 | 1076.5 | 1081.8 | 1076.5 | 1080.7 | 1081.8 | 1087.0 |
| 7.5°  | 1010.8 | 1006.6 | 1009.7 | 1007.6 | 998.2  | 996.1  | 998.2  | 1001.4 | 1007.6 | 1011.8 | 1014.9 |
| 10°   | 950.2  | 948.1  | 943.9  | 940.8  | 935.6  | 932.5  | 936.6  | 932.5  | 940.8  | 948.1  | 948.1  |
| 12.5° | 904.3  | 895.9  | 890.7  | 889.6  | 878.2  | 880.2  | 884.4  | 887.6  | 896.9  | 901.1  | 901.1  |
| 15°   | 856.2  | 850.0  | 847.9  | 843.7  | 839.5  | 843.7  | 841.6  | 844.7  | 848.9  | 853.1  | 855.2  |
| 17.5° | 814.5  | 813.4  | 814.5  | 804.0  | 807.1  | 801.9  | 803.0  | 808.2  | 805.1  | 808.2  | 814.5  |
| 20°   | 776.9  | 779.0  | 775.8  | 771.6  | 771.6  | 765.4  | 772.7  | 770.6  | 771.6  | 777.9  | 787.3  |
| 22.5° | 748.7  | 747.6  | 744.5  | 741.4  | 737.2  | 738.2  | 739.3  | 737.2  | 745.5  | 750.8  | 751.8  |
| 25°   | 718.4  | 716.3  | 715.3  | 712.1  | 708.0  | 712.1  | 711.1  | 712.1  | 714.2  | 722.6  | 716.3  |
| 27.5° | 690.2  | 686.0  | 688.1  | 685.0  | 683.9  | 685.0  | 685.0  | 686.0  | 688.1  | 689.2  | 690.2  |
| 30°   | 666.2  | 662.0  | 661.0  | 658.9  | 657.8  | 658.9  | 661.0  | 658.9  | 667.2  | 666.2  | 666.2  |
| 32.5° | 640.1  | 636.9  | 634.9  | 634.9  | 633.8  | 632.8  | 633.8  | 634.9  | 641.1  | 636.9  | 641.1  |
| 35°   | 615.0  | 612.9  | 612.9  | 610.8  | 609.8  | 609.8  | 609.8  | 614.0  | 611.9  | 615.0  | 615.0  |
| 37.5° | 591.0  | 591.0  | 590.0  | 587.9  | 586.8  | 587.9  | 586.8  | 588.9  | 587.9  | 588.9  | 590.0  |
| 40°   | 565.9  | 563.9  | 562.8  | 562.8  | 559.7  | 556.5  | 559.7  | 559.7  | 560.7  | 563.9  | 564.9  |
| 42.5° | 535.7  | 536.7  | 536.7  | 532.5  | 532.5  | 532.5  | 533.6  | 534.6  | 534.6  | 536.7  | 536.7  |
| 45°   | 509.6  | 507.5  | 507.5  | 507.5  | 505.4  | 506.4  | 508.5  | 508.5  | 508.5  | 508.5  | 506.4  |
| 47.5° | 480.3  | 480.3  | 481.4  | 481.4  | 484.5  | 483.5  | 483.5  | 482.4  | 480.3  | 480.3  | 481.4  |
| 50°   | 453.2  | 456.3  | 457.4  | 457.4  | 458.4  | 459.4  | 459.4  | 457.4  | 456.3  | 453.2  | 453.2  |
| 52.5° | 427.1  | 429.2  | 431.2  | 434.4  | 436.5  | 435.4  | 435.4  | 433.3  | 429.2  | 428.1  | 427.1  |
| 55°   | 398.9  | 402.0  | 406.2  | 409.3  | 412.5  | 413.5  | 413.5  | 409.3  | 405.1  | 399.9  | 399.9  |
| 57.5° | 372.8  | 375.9  | 383.2  | 386.3  | 390.5  | 390.5  | 388.4  | 385.3  | 379.0  | 374.9  | 371.7  |
| 60°   | 346.7  | 351.9  | 357.1  | 363.4  | 368.6  | 369.6  | 366.5  | 362.3  | 355.0  | 349.8  | 345.6  |
| 62.5° | 318.5  | 323.7  | 334.1  | 340.4  | 344.6  | 344.6  | 344.6  | 339.4  | 330.0  | 322.7  | 316.4  |
| 65°   | 291.3  | 296.5  | 305.9  | 314.3  | 317.4  | 320.6  | 317.4  | 312.2  | 304.9  | 296.5  | 290.3  |
| 67.5° | 263.1  | 269.4  | 278.8  | 285.1  | 289.2  | 292.4  | 290.3  | 286.1  | 276.7  | 265.2  | 261.0  |
| 70°   | 231.8  | 234.9  | 248.5  | 254.8  | 261.0  | 263.1  | 261.0  | 254.8  | 245.4  | 232.9  | 228.7  |
| 72.5° | 202.6  | 205.7  | 218.2  | 223.5  | 228.7  | 230.8  | 227.6  | 223.5  | 215.1  | 203.6  | 198.4  |
| 75°   | 169.2  | 174.4  | 180.6  | 189.0  | 195.3  | 197.3  | 194.2  | 191.1  | 180.6  | 173.3  | 169.2  |
| 77.5° | 133.7  | 138.9  | 147.2  | 154.5  | 160.8  | 159.8  | 155.6  | 156.6  | 145.1  | 136.8  | 133.7  |
| 80°   | 101.3  | 105.5  | 111.7  | 118.0  | 121.1  | 121.1  | 120.1  | 115.9  | 111.7  | 105.5  | 100.2  |
| 82.5° | 70.0   | 75.2   | 80.4   | 84.6   | 84.6   | 85.6   | 83.5   | 82.5   | 78.3   | 73.1   | 72.0   |
| 85°   | 41.8   | 42.8   | 47.0   | 47.0   | 51.2   | 49.1   | 48.0   | 51.2   | 47.0   | 43.9   | 42.8   |
| 87.5° | 18.8   | 17.8   | 18.8   | 18.8   | 17.8   | 19.8   | 19.8   | 18.8   | 19.8   | 18.8   | 18.8   |
| 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: P1038067

CATALOG NUMBER: S125DS-B850DB30-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|       | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 337.5° | 340°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1230.0 | 1230.0 | 1230.0 | 1230.0 | 1230.0 | 1230.0 | 1230.0 | 1230.0 | 1230.0 | 1230.0 | 1230.0 |
| 2.5°  | 1168.4 | 1162.2 | 1169.5 | 1160.1 | 1162.2 | 1173.7 | 1172.6 | 1183.1 | 1189.3 | 1188.3 | 1193.5 |
| 5°    | 1091.2 | 1091.2 | 1094.3 | 1093.3 | 1103.7 | 1113.1 | 1125.6 | 1136.1 | 1147.6 | 1153.8 | 1161.1 |
| 7.5°  | 1014.9 | 1025.4 | 1027.5 | 1032.7 | 1045.2 | 1060.9 | 1073.4 | 1089.1 | 1105.8 | 1117.3 | 1125.6 |
| 10°   | 952.3  | 960.6  | 969.0  | 973.2  | 986.7  | 1007.6 | 1025.4 | 1050.4 | 1071.3 | 1083.9 | 1095.3 |
| 12.5° | 896.9  | 906.3  | 910.5  | 929.3  | 938.7  | 952.3  | 977.4  | 1004.5 | 1027.5 | 1041.0 | 1050.4 |
| 15°   | 857.3  | 862.5  | 871.9  | 883.4  | 892.8  | 909.5  | 930.4  | 960.6  | 982.6  | 994.1  | 1026.4 |
| 17.5° | 823.9  | 830.1  | 835.3  | 840.6  | 855.2  | 872.9  | 892.8  | 918.9  | 947.1  | 966.9  | 983.6  |
| 20°   | 789.4  | 792.5  | 798.8  | 807.1  | 817.6  | 834.3  | 852.0  | 879.2  | 904.3  | 919.9  | 941.8  |
| 22.5° | 748.7  | 758.1  | 764.3  | 770.6  | 782.1  | 800.9  | 817.6  | 837.4  | 868.8  | 886.5  | 909.5  |
| 25°   | 724.7  | 728.8  | 733.0  | 740.3  | 748.7  | 765.4  | 784.2  | 805.1  | 830.1  | 848.9  | 868.8  |
| 27.5° | 693.3  | 699.6  | 704.8  | 714.2  | 719.4  | 733.0  | 750.8  | 771.6  | 801.9  | 817.6  | 834.3  |
| 30°   | 667.2  | 673.5  | 677.7  | 681.8  | 689.2  | 703.8  | 720.5  | 737.2  | 765.4  | 785.2  | 801.9  |
| 32.5° | 641.1  | 647.4  | 652.6  | 655.7  | 663.1  | 672.5  | 686.0  | 706.9  | 730.9  | 744.5  | 766.4  |
| 35°   | 618.2  | 618.2  | 624.4  | 628.6  | 634.9  | 643.2  | 655.7  | 671.4  | 696.5  | 714.2  | 734.1  |
| 37.5° | 592.0  | 593.1  | 598.3  | 601.4  | 607.7  | 616.1  | 628.6  | 643.2  | 664.1  | 677.7  | 697.5  |
| 40°   | 564.9  | 568.0  | 570.1  | 575.3  | 582.7  | 585.8  | 598.3  | 615.0  | 635.9  | 648.4  | 665.1  |
| 42.5° | 537.8  | 539.8  | 545.1  | 549.2  | 555.5  | 560.7  | 569.1  | 584.7  | 600.4  | 619.2  | 632.8  |
| 45°   | 507.5  | 512.7  | 515.8  | 523.1  | 526.3  | 531.5  | 539.8  | 552.4  | 571.2  | 582.7  | 598.3  |
| 47.5° | 481.4  | 483.5  | 485.5  | 494.9  | 501.2  | 504.3  | 512.7  | 520.0  | 539.8  | 550.3  | 564.9  |
| 50°   | 453.2  | 453.2  | 456.3  | 460.5  | 467.8  | 474.1  | 481.4  | 489.7  | 505.4  | 515.8  | 530.4  |
| 52.5° | 427.1  | 423.9  | 426.0  | 428.1  | 435.4  | 441.7  | 449.0  | 460.5  | 475.1  | 481.4  | 493.9  |
| 55°   | 398.9  | 393.7  | 396.8  | 399.9  | 402.0  | 410.4  | 418.7  | 426.0  | 437.5  | 446.9  | 458.4  |
| 57.5° | 368.6  | 367.6  | 365.5  | 366.5  | 371.7  | 376.9  | 383.2  | 392.6  | 406.2  | 413.5  | 419.8  |
| 60°   | 341.4  | 335.2  | 333.1  | 335.2  | 338.3  | 341.4  | 349.8  | 358.2  | 369.6  | 376.9  | 384.3  |
| 62.5° | 313.3  | 307.0  | 302.8  | 299.7  | 302.8  | 310.1  | 315.3  | 321.6  | 331.0  | 339.4  | 345.6  |
| 65°   | 286.1  | 276.7  | 272.5  | 270.4  | 269.4  | 274.6  | 278.8  | 287.1  | 295.5  | 298.6  | 305.9  |
| 67.5° | 255.8  | 247.5  | 242.2  | 239.1  | 239.1  | 239.1  | 243.3  | 251.6  | 260.0  | 261.0  | 268.4  |
| 70°   | 225.5  | 216.1  | 210.9  | 206.7  | 204.7  | 206.7  | 212.0  | 213.0  | 220.3  | 222.4  | 226.6  |
| 72.5° | 193.2  | 184.8  | 178.6  | 173.3  | 174.4  | 176.5  | 176.5  | 178.6  | 182.7  | 188.0  | 188.0  |
| 75°   | 162.9  | 151.4  | 148.3  | 144.1  | 142.0  | 142.0  | 142.0  | 146.2  | 149.3  | 153.5  | 152.5  |
| 77.5° | 128.4  | 122.2  | 115.9  | 113.8  | 110.7  | 109.6  | 111.7  | 111.7  | 113.8  | 116.9  | 118.0  |
| 80°   | 99.2   | 91.9   | 87.7   | 85.6   | 81.4   | 80.4   | 81.4   | 81.4   | 84.6   | 83.5   | 84.6   |
| 82.5° | 68.9   | 63.7   | 60.6   | 57.4   | 55.3   | 56.4   | 55.3   | 55.3   | 56.4   | 55.3   | 55.3   |
| 85°   | 39.7   | 38.6   | 36.5   | 35.5   | 34.5   | 32.4   | 34.5   | 33.4   | 32.4   | 31.3   | 33.4   |
| 87.5° | 18.8   | 17.8   | 17.8   | 15.7   | 15.7   | 14.6   | 15.7   | 15.7   | 14.6   | 14.6   | 14.6   |
| 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: P1038067

CATALOG NUMBER: S125DS-B850DB30-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|       | 345°   | 350°   | 355°   | 360°   |
|-------|--------|--------|--------|--------|
| 0°    | 1230.0 | 1230.0 | 1230.0 | 1230.0 |
| 2.5°  | 1200.8 | 1211.2 | 1218.6 | 1232.1 |
| 5°    | 1173.7 | 1192.5 | 1210.2 | 1229.0 |
| 7.5°  | 1146.5 | 1168.4 | 1196.6 | 1220.6 |
| 10°   | 1116.2 | 1144.4 | 1177.8 | 1210.2 |
| 12.5° | 1085.9 | 1119.4 | 1155.9 | 1198.7 |
| 15°   | 1049.4 | 1092.2 | 1135.0 | 1181.0 |
| 17.5° | 1017.0 | 1060.9 | 1106.8 | 1164.3 |
| 20°   | 980.5  | 1028.5 | 1078.6 | 1137.1 |
| 22.5° | 948.1  | 1001.4 | 1053.6 | 1115.2 |
| 25°   | 911.6  | 963.8  | 1021.2 | 1087.0 |
| 27.5° | 881.3  | 929.3  | 985.7  | 1056.7 |
| 30°   | 844.7  | 896.9  | 953.3  | 1024.3 |
| 32.5° | 810.3  | 860.4  | 919.9  | 989.9  |
| 35°   | 774.8  | 825.9  | 879.2  | 946.0  |
| 37.5° | 741.4  | 785.2  | 838.5  | 902.2  |
| 40°   | 703.8  | 751.8  | 799.8  | 850.0  |
| 42.5° | 669.3  | 713.2  | 758.1  | 797.8  |
| 45°   | 630.7  | 668.3  | 711.1  | 743.5  |
| 47.5° | 595.2  | 628.6  | 662.0  | 687.1  |
| 50°   | 559.7  | 585.8  | 610.8  | 632.8  |
| 52.5° | 517.9  | 547.1  | 560.7  | 574.3  |
| 55°   | 480.3  | 497.0  | 509.6  | 523.1  |
| 57.5° | 443.8  | 451.1  | 457.4  | 469.9  |
| 60°   | 395.7  | 404.1  | 411.4  | 420.8  |
| 62.5° | 354.0  | 358.2  | 360.2  | 369.6  |
| 65°   | 314.3  | 313.3  | 318.5  | 323.7  |
| 67.5° | 271.5  | 270.4  | 275.7  | 277.8  |
| 70°   | 229.7  | 228.7  | 229.7  | 234.9  |
| 72.5° | 190.0  | 190.0  | 191.1  | 193.2  |
| 75°   | 153.5  | 153.5  | 154.5  | 156.6  |
| 77.5° | 115.9  | 118.0  | 116.9  | 121.1  |
| 80°   | 84.6   | 82.5   | 84.6   | 86.7   |
| 82.5° | 55.3   | 57.4   | 57.4   | 55.3   |
| 85°   | 31.3   | 31.3   | 31.3   | 31.3   |
| 87.5° | 13.6   | 13.6   | 14.6   | 15.7   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    |

(END OF REPORT)