

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: P1038049

Luminaire Tested: S125DS-B850DB27-4F0-XX-W2A-A

Issue Date: 5/2/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P1038049  
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-B850DB27-4F0-XX-W2A-A  
Description: Define 5 Direct Surface with 2700K BioUP LEDs {m-DER=0.473} {m-EER=0.52}  
Light Source: -  
Ballast/Driver: -

**Summary**

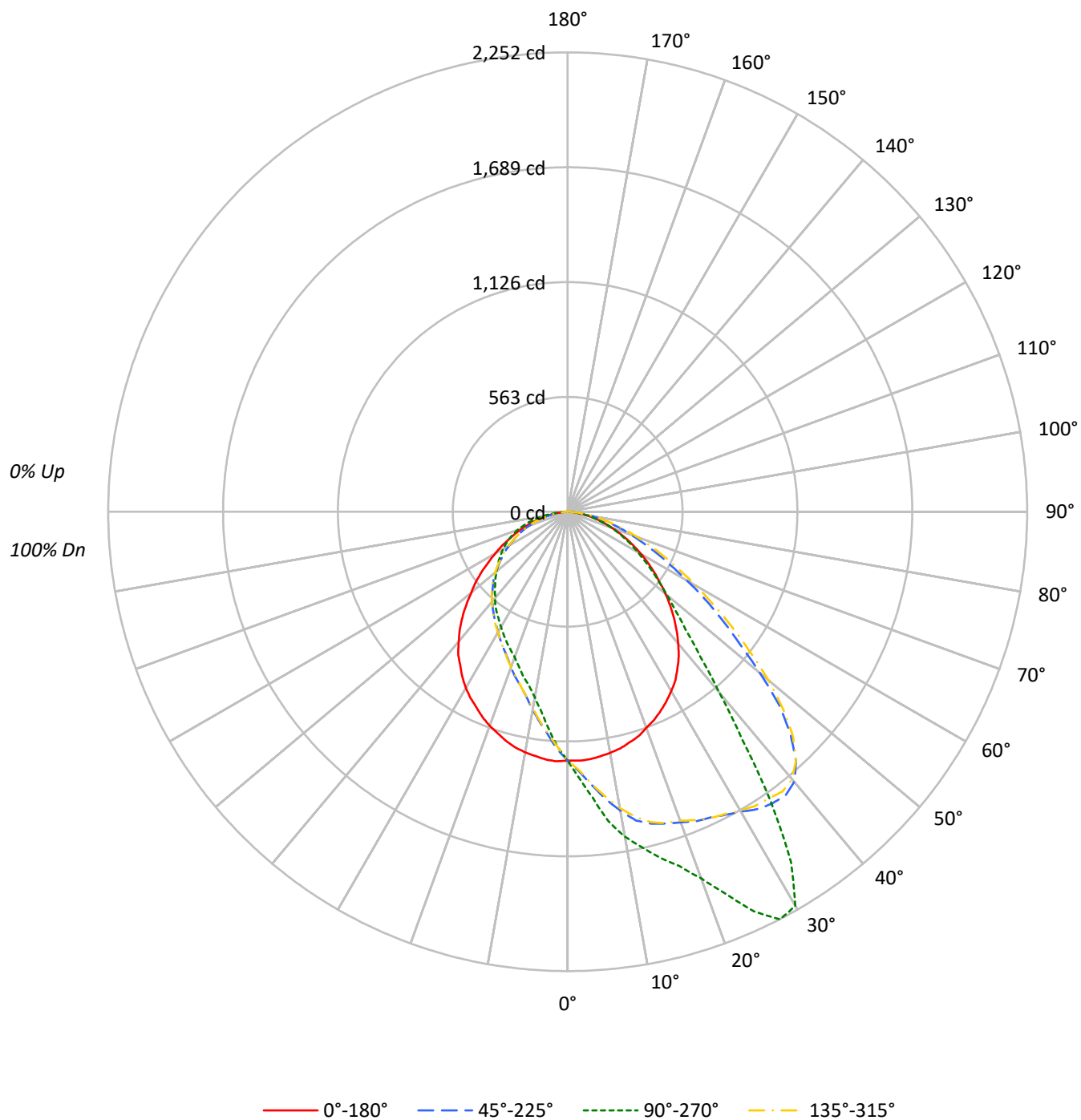
Lumens per Lamp: N/A  
Luminaire Lumens: 3441.0 lumens  
Efficiency: N/A  
Efficacy: 95.8 lumens/watt  
Spacing Criteria (0/90/45): 1.23 / 1.43 / 1.52  
Luminous Opening: Rectangular (W 0.42' x L: 4' x H: 0')  
CIE Type: Direct

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: P1038049

CATALOG NUMBER: S125DS-B850DB27-4F0-XX-W2A-A

### Luminous Intensity Polar Plot



TEST NUMBER: P1038049

CATALOG NUMBER: S125DS-B850DB27-4F0-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  | 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   | 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°  | 7813 | 7813  | 7813 | 7813 |
| 5°  | 7836 | 9048  | 7843 | 6864 |
| 10° | 7805 | 10526 | 7792 | 6014 |
| 15° | 7766 | 11652 | 7718 | 5548 |
| 20° | 7686 | 13043 | 7615 | 5174 |
| 25° | 7618 | 15280 | 7479 | 4991 |
| 30° | 7513 | 16504 | 7383 | 4833 |
| 35° | 7335 | 13570 | 7182 | 4728 |
| 40° | 7047 | 9645  | 6944 | 4614 |
| 45° | 6678 | 7410  | 6603 | 4549 |
| 50° | 6253 | 6324  | 6150 | 4540 |
| 55° | 5793 | 5631  | 5747 | 4579 |
| 60° | 5346 | 5081  | 5253 | 4695 |
| 65° | 4865 | 4692  | 4786 | 4818 |
| 70° | 4363 | 4266  | 4305 | 4887 |
| 75° | 3844 | 3768  | 3792 | 4842 |
| 80° | 3169 | 3169  | 3055 | 4431 |
| 85° | 2286 | 2514  | 2205 | 3580 |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 135°

Vertical Angle: 45°

Luminance: 14153 cd/sqm

TEST NUMBER: P1038049

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 117.4  | 3.4       |
| 10°-20°   | 349.6  | 10.2      |
| 20°-30°   | 567.8  | 16.5      |
| 30°-40°   | 694.0  | 20.2      |
| 40°-50°   | 629.5  | 18.3      |
| 50°-60°   | 501.4  | 14.6      |
| 60°-70°   | 349.2  | 10.1      |
| 70°-80°   | 186.0  | 5.4       |
| 80°-90°   | 46.1   | 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°    | 1034.8 | 30.1      |
| 0°-40°    | 1728.7 | 50.2      |
| 0°-60°    | 2859.6 | 83.1      |
| 0°-90°    | 3441.0 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 3441.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 90°  | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0°  | 1219 | 1219 | 1219 | 1219 | 1219 |      |
| 5°  | 1218 | 1407 | 1219 | 1067 | 1218 | 116  |
| 15° | 1171 | 1757 | 1164 | 836  | 1171 | 330  |
| 25° | 1078 | 2161 | 1058 | 706  | 1078 | 496  |
| 35° | 938  | 1735 | 918  | 604  | 938  | 586  |
| 45° | 737  | 818  | 729  | 502  | 737  | 568  |
| 55° | 519  | 504  | 514  | 410  | 519  | 464  |
| 65° | 321  | 310  | 316  | 318  | 321  | 318  |
| 75° | 155  | 152  | 153  | 196  | 155  | 165  |
| 85° | 31   | 34   | 30   | 49   | 31   | 39   |
| 90° | 0    | 0    | 0    | 0    | 0    |      |

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**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 10°    | 15°    | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1219.4 | 1219.4 | 1219.4 | 1219.4 | 1219.4 | 1219.4 | 1219.4 | 1219.4 | 1219.4 | 1219.4 | 1219.4 |
| 2.5°  | 1221.5 | 1228.7 | 1237.0 | 1243.2 | 1253.6 | 1256.7 | 1261.9 | 1265.0 | 1268.1 | 1271.2 | 1273.2 |
| 5°    | 1218.4 | 1236.0 | 1251.5 | 1262.9 | 1282.6 | 1289.8 | 1299.1 | 1310.5 | 1324.0 | 1335.3 | 1342.6 |
| 7.5°  | 1210.1 | 1238.0 | 1258.7 | 1281.5 | 1308.4 | 1326.0 | 1335.3 | 1359.2 | 1380.9 | 1397.5 | 1419.2 |
| 10°   | 1199.7 | 1232.9 | 1265.0 | 1299.1 | 1337.4 | 1357.1 | 1375.7 | 1408.8 | 1438.9 | 1465.8 | 1487.5 |
| 12.5° | 1188.4 | 1228.7 | 1267.0 | 1311.5 | 1363.3 | 1387.1 | 1399.5 | 1456.5 | 1493.7 | 1508.2 | 1550.7 |
| 15°   | 1170.8 | 1218.4 | 1273.2 | 1328.1 | 1371.6 | 1399.5 | 1433.7 | 1479.2 | 1516.5 | 1548.6 | 1582.7 |
| 17.5° | 1154.2 | 1206.0 | 1261.9 | 1322.9 | 1386.1 | 1422.3 | 1448.2 | 1488.6 | 1528.9 | 1570.3 | 1602.4 |
| 20°   | 1127.3 | 1194.6 | 1251.5 | 1316.7 | 1391.2 | 1417.1 | 1444.0 | 1491.7 | 1535.1 | 1579.6 | 1620.0 |
| 22.5° | 1105.5 | 1169.7 | 1247.4 | 1309.5 | 1372.6 | 1398.5 | 1431.6 | 1481.3 | 1533.1 | 1583.8 | 1642.8 |
| 25°   | 1077.6 | 1149.0 | 1216.3 | 1282.6 | 1347.8 | 1375.7 | 1405.7 | 1469.9 | 1523.7 | 1589.0 | 1654.2 |
| 27.5° | 1047.6 | 1121.1 | 1188.4 | 1248.4 | 1309.5 | 1347.8 | 1379.9 | 1447.1 | 1518.6 | 1590.0 | 1674.9 |
| 30°   | 1015.5 | 1084.8 | 1149.0 | 1208.0 | 1275.3 | 1314.6 | 1346.7 | 1425.4 | 1505.1 | 1596.2 | 1697.7 |
| 32.5° | 981.3  | 1046.5 | 1101.4 | 1161.4 | 1232.9 | 1269.1 | 1312.6 | 1398.5 | 1492.7 | 1601.4 | 1728.7 |
| 35°   | 937.8  | 1000.0 | 1048.6 | 1109.7 | 1181.1 | 1227.7 | 1273.2 | 1369.5 | 1479.2 | 1600.3 | 1746.3 |
| 37.5° | 894.4  | 943.0  | 989.6  | 1054.8 | 1137.6 | 1180.1 | 1227.7 | 1333.3 | 1458.5 | 1597.2 | 1753.5 |
| 40°   | 842.6  | 890.2  | 930.6  | 996.9  | 1083.8 | 1132.5 | 1182.1 | 1292.9 | 1434.7 | 1585.9 | 1727.7 |
| 42.5° | 790.9  | 831.2  | 875.7  | 945.1  | 1028.9 | 1080.7 | 1133.5 | 1256.7 | 1403.7 | 1552.7 | 1656.2 |
| 45°   | 737.0  | 768.1  | 816.7  | 879.9  | 968.9  | 1018.6 | 1078.6 | 1212.2 | 1360.2 | 1492.7 | 1544.4 |
| 47.5° | 681.1  | 712.2  | 757.7  | 818.8  | 906.8  | 965.8  | 1022.7 | 1156.3 | 1305.3 | 1407.8 | 1407.8 |
| 50°   | 627.3  | 652.1  | 696.7  | 757.7  | 846.8  | 900.6  | 958.6  | 1100.4 | 1220.4 | 1296.0 | 1228.7 |
| 52.5° | 569.3  | 597.3  | 634.5  | 698.7  | 786.7  | 835.4  | 898.5  | 1019.6 | 1133.5 | 1164.5 | 1061.0 |
| 55°   | 518.6  | 541.4  | 576.6  | 637.7  | 719.4  | 770.2  | 824.0  | 939.9  | 1036.2 | 1034.1 | 923.4  |
| 57.5° | 465.8  | 484.5  | 521.7  | 577.6  | 653.2  | 698.7  | 752.6  | 853.0  | 931.6  | 903.7  | 799.1  |
| 60°   | 417.2  | 430.6  | 466.9  | 512.4  | 584.9  | 627.3  | 679.1  | 760.8  | 820.9  | 781.5  | 676.0  |
| 62.5° | 366.4  | 382.0  | 411.0  | 455.5  | 519.6  | 553.8  | 592.1  | 674.9  | 713.2  | 678.0  | 570.4  |
| 65°   | 320.9  | 333.3  | 359.2  | 396.5  | 454.4  | 485.5  | 518.6  | 586.9  | 623.2  | 572.4  | 483.4  |
| 67.5° | 275.4  | 289.8  | 308.5  | 341.6  | 387.1  | 416.1  | 445.1  | 504.1  | 520.7  | 475.1  | 400.6  |
| 70°   | 232.9  | 245.3  | 262.9  | 286.7  | 325.0  | 350.9  | 372.7  | 421.3  | 432.7  | 390.3  | 331.2  |
| 72.5° | 191.5  | 199.8  | 214.3  | 233.9  | 269.1  | 283.6  | 306.4  | 339.5  | 354.0  | 315.7  | 273.3  |
| 75°   | 155.3  | 161.5  | 170.8  | 185.3  | 209.1  | 224.6  | 243.3  | 274.3  | 273.3  | 246.4  | 216.3  |
| 77.5° | 120.1  | 121.1  | 131.5  | 144.9  | 159.4  | 172.9  | 182.2  | 203.9  | 206.0  | 189.4  | 164.6  |
| 80°   | 85.9   | 89.0   | 93.2   | 103.5  | 115.9  | 121.1  | 132.5  | 146.0  | 148.0  | 135.6  | 119.0  |
| 82.5° | 54.9   | 56.9   | 60.0   | 66.2   | 74.5   | 80.7   | 87.0   | 92.1   | 97.3   | 90.1   | 76.6   |
| 85°   | 31.1   | 32.1   | 35.2   | 37.3   | 41.4   | 44.5   | 49.7   | 54.9   | 53.8   | 48.7   | 44.5   |
| 87.5° | 15.5   | 15.5   | 15.5   | 17.6   | 19.7   | 19.7   | 21.7   | 22.8   | 23.8   | 21.7   | 19.7   |
| 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°    | 1219.4 | 1219.4 | 1219.4 | 1219.4 | 1219.4 | 1219.4 | 1219.4 | 1219.4 | 1219.4 | 1219.4 | 1219.4 |
| 2.5°  | 1275.3 | 1282.6 | 1288.8 | 1293.9 | 1298.1 | 1304.3 | 1300.2 | 1301.2 | 1303.3 | 1307.4 | 1307.4 |
| 5°    | 1358.1 | 1369.5 | 1375.7 | 1396.4 | 1401.6 | 1400.6 | 1397.5 | 1414.0 | 1413.0 | 1406.8 | 1405.7 |
| 7.5°  | 1438.9 | 1458.5 | 1476.1 | 1492.7 | 1497.9 | 1511.3 | 1514.4 | 1521.7 | 1519.6 | 1530.0 | 1524.8 |
| 10°   | 1512.4 | 1543.4 | 1560.0 | 1584.8 | 1591.0 | 1597.2 | 1605.5 | 1609.7 | 1619.0 | 1617.9 | 1617.9 |
| 12.5° | 1569.3 | 1606.6 | 1628.3 | 1634.5 | 1658.3 | 1665.6 | 1672.8 | 1686.3 | 1683.2 | 1684.2 | 1690.4 |
| 15°   | 1613.8 | 1650.0 | 1668.7 | 1697.7 | 1714.2 | 1722.5 | 1734.9 | 1749.4 | 1747.3 | 1756.7 | 1754.6 |
| 17.5° | 1646.9 | 1681.1 | 1715.2 | 1758.7 | 1759.8 | 1781.5 | 1810.5 | 1816.7 | 1830.2 | 1820.8 | 1820.8 |
| 20°   | 1673.8 | 1719.4 | 1768.0 | 1823.9 | 1830.2 | 1843.6 | 1878.8 | 1902.6 | 1918.1 | 1913.0 | 1916.1 |
| 22.5° | 1702.8 | 1768.0 | 1825.0 | 1880.9 | 1910.9 | 1934.7 | 1968.9 | 2006.1 | 2019.6 | 2027.9 | 2025.8 |
| 25°   | 1740.1 | 1808.4 | 1892.3 | 1969.9 | 2001.0 | 2046.5 | 2092.0 | 2128.3 | 2138.6 | 2161.4 | 2140.7 |
| 27.5° | 1778.4 | 1874.7 | 1979.2 | 2070.3 | 2109.6 | 2146.9 | 2201.8 | 2228.7 | 2242.1 | 2252.5 | 2245.2 |
| 30°   | 1810.5 | 1943.0 | 2056.8 | 2140.7 | 2168.6 | 2190.4 | 2221.4 | 2227.6 | 2222.5 | 2230.8 | 2241.1 |
| 32.5° | 1860.2 | 1989.6 | 2085.8 | 2126.2 | 2123.1 | 2122.1 | 2098.3 | 2065.1 | 2057.9 | 2038.2 | 2065.1 |
| 35°   | 1887.1 | 1990.6 | 2027.9 | 1974.0 | 1952.3 | 1913.0 | 1837.4 | 1787.7 | 1744.2 | 1734.9 | 1737.0 |
| 37.5° | 1871.6 | 1911.9 | 1867.4 | 1725.6 | 1690.4 | 1630.4 | 1530.0 | 1459.6 | 1427.5 | 1402.6 | 1434.7 |
| 40°   | 1787.7 | 1743.2 | 1621.0 | 1448.2 | 1397.5 | 1340.5 | 1246.3 | 1208.0 | 1162.5 | 1153.2 | 1195.6 |
| 42.5° | 1649.0 | 1513.4 | 1340.5 | 1207.0 | 1154.2 | 1122.1 | 1043.4 | 1007.2 | 975.1  | 960.6  | 984.4  |
| 45°   | 1460.6 | 1296.0 | 1122.1 | 1012.4 | 967.9  | 929.6  | 883.0  | 844.7  | 824.0  | 817.8  | 837.4  |
| 47.5° | 1266.0 | 1092.1 | 953.4  | 871.6  | 825.0  | 796.0  | 752.6  | 730.8  | 714.3  | 716.3  | 719.4  |
| 50°   | 1079.7 | 921.3  | 814.7  | 732.9  | 710.1  | 687.3  | 658.4  | 639.7  | 631.4  | 634.5  | 632.5  |
| 52.5° | 919.2  | 790.9  | 700.8  | 637.7  | 627.3  | 605.6  | 581.8  | 566.2  | 563.1  | 564.2  | 567.3  |
| 55°   | 778.4  | 678.0  | 606.6  | 561.1  | 549.7  | 534.1  | 519.6  | 509.3  | 501.0  | 504.1  | 503.1  |
| 57.5° | 671.8  | 583.8  | 529.0  | 491.7  | 483.4  | 474.1  | 460.6  | 455.5  | 452.4  | 446.2  | 451.3  |
| 60°   | 577.6  | 506.2  | 458.6  | 435.8  | 428.6  | 422.3  | 407.9  | 401.6  | 399.6  | 396.5  | 404.7  |
| 62.5° | 488.6  | 437.9  | 401.6  | 380.9  | 373.7  | 367.5  | 360.2  | 355.1  | 356.1  | 352.0  | 356.1  |
| 65°   | 418.2  | 376.8  | 350.9  | 332.3  | 323.0  | 318.8  | 317.8  | 309.5  | 308.5  | 309.5  | 310.5  |
| 67.5° | 353.0  | 317.8  | 298.1  | 286.7  | 279.5  | 275.4  | 272.2  | 267.1  | 271.2  | 268.1  | 270.2  |
| 70°   | 294.0  | 270.2  | 249.5  | 238.1  | 235.0  | 236.0  | 230.8  | 228.8  | 229.8  | 227.7  | 229.8  |
| 72.5° | 237.1  | 217.4  | 209.1  | 200.8  | 196.7  | 195.6  | 192.5  | 189.4  | 192.5  | 191.5  | 191.5  |
| 75°   | 189.4  | 174.9  | 165.6  | 160.4  | 160.4  | 158.4  | 153.2  | 153.2  | 153.2  | 152.2  | 153.2  |
| 77.5° | 146.0  | 133.5  | 129.4  | 124.2  | 124.2  | 121.1  | 120.1  | 120.1  | 118.0  | 121.1  | 119.0  |
| 80°   | 108.7  | 99.4   | 93.2   | 90.1   | 90.1   | 89.0   | 87.0   | 85.9   | 87.0   | 85.9   | 85.9   |
| 82.5° | 70.4   | 66.2   | 63.1   | 60.0   | 59.0   | 60.0   | 59.0   | 56.9   | 58.0   | 56.9   | 59.0   |
| 85°   | 40.4   | 36.2   | 36.2   | 34.2   | 35.2   | 33.1   | 34.2   | 32.1   | 31.1   | 34.2   | 32.1   |
| 87.5° | 17.6   | 16.6   | 16.6   | 14.5   | 14.5   | 14.5   | 13.5   | 14.5   | 13.5   | 12.4   | 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    |

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CATALOG NUMBER: S125DS-B850DB27-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|       | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1219.4 | 1219.4 | 1219.4 | 1219.4 | 1219.4 | 1219.4 | 1219.4 | 1219.4 | 1219.4 | 1219.4 | 1219.4 |
| 2.5°  | 1305.3 | 1298.1 | 1300.2 | 1298.1 | 1292.9 | 1289.8 | 1281.5 | 1271.2 | 1267.0 | 1261.9 | 1258.7 |
| 5°    | 1409.9 | 1404.7 | 1403.7 | 1395.4 | 1393.3 | 1380.9 | 1360.2 | 1349.8 | 1337.4 | 1325.0 | 1312.6 |
| 7.5°  | 1523.7 | 1517.5 | 1496.8 | 1493.7 | 1495.8 | 1480.3 | 1453.4 | 1432.7 | 1406.8 | 1389.2 | 1365.4 |
| 10°   | 1617.9 | 1605.5 | 1587.9 | 1589.0 | 1581.7 | 1561.0 | 1534.1 | 1512.4 | 1475.1 | 1452.3 | 1418.2 |
| 12.5° | 1674.9 | 1664.5 | 1662.5 | 1652.1 | 1645.9 | 1619.0 | 1586.9 | 1558.9 | 1531.0 | 1499.9 | 1474.1 |
| 15°   | 1744.2 | 1730.8 | 1721.5 | 1707.0 | 1702.8 | 1674.9 | 1639.7 | 1607.6 | 1575.5 | 1546.5 | 1491.7 |
| 17.5° | 1820.8 | 1806.3 | 1771.1 | 1768.0 | 1743.2 | 1716.3 | 1682.1 | 1634.5 | 1600.3 | 1558.9 | 1518.6 |
| 20°   | 1907.8 | 1887.1 | 1841.5 | 1830.2 | 1810.5 | 1766.0 | 1719.4 | 1666.6 | 1611.7 | 1569.3 | 1521.7 |
| 22.5° | 2005.1 | 1968.9 | 1935.7 | 1899.5 | 1885.0 | 1830.2 | 1766.0 | 1701.8 | 1635.5 | 1577.6 | 1520.6 |
| 25°   | 2131.4 | 2083.8 | 2037.2 | 2001.0 | 1976.1 | 1904.7 | 1818.8 | 1733.9 | 1657.3 | 1581.7 | 1507.2 |
| 27.5° | 2230.8 | 2189.3 | 2138.6 | 2091.0 | 2058.9 | 1974.0 | 1875.7 | 1766.0 | 1670.7 | 1578.6 | 1498.9 |
| 30°   | 2238.0 | 2225.6 | 2194.5 | 2168.6 | 2133.5 | 2042.4 | 1933.7 | 1809.4 | 1691.4 | 1579.6 | 1482.3 |
| 32.5° | 2102.4 | 2127.2 | 2140.7 | 2144.8 | 2137.6 | 2084.8 | 1985.4 | 1848.8 | 1710.1 | 1570.3 | 1467.8 |
| 35°   | 1810.5 | 1876.7 | 1958.5 | 1989.6 | 2019.6 | 2047.5 | 1995.8 | 1876.7 | 1716.3 | 1568.3 | 1445.1 |
| 37.5° | 1490.6 | 1550.7 | 1686.3 | 1748.4 | 1783.6 | 1894.3 | 1936.8 | 1872.6 | 1728.7 | 1570.3 | 1423.3 |
| 40°   | 1202.8 | 1298.1 | 1395.4 | 1479.2 | 1534.1 | 1658.3 | 1789.8 | 1804.3 | 1711.1 | 1550.7 | 1395.4 |
| 42.5° | 1012.4 | 1068.3 | 1141.8 | 1219.4 | 1268.1 | 1415.1 | 1593.1 | 1697.7 | 1656.2 | 1518.6 | 1361.2 |
| 45°   | 862.3  | 903.7  | 973.0  | 998.9  | 1061.0 | 1201.8 | 1390.2 | 1541.3 | 1562.0 | 1467.8 | 1321.9 |
| 47.5° | 740.1  | 775.3  | 819.8  | 851.9  | 901.6  | 1007.2 | 1166.6 | 1333.3 | 1432.7 | 1398.5 | 1267.0 |
| 50°   | 652.1  | 681.1  | 718.4  | 737.0  | 769.1  | 864.4  | 984.4  | 1150.1 | 1283.6 | 1295.0 | 1195.6 |
| 52.5° | 578.7  | 595.2  | 624.2  | 644.9  | 670.8  | 728.7  | 837.4  | 974.1  | 1124.2 | 1186.3 | 1107.6 |
| 55°   | 514.5  | 527.9  | 553.8  | 567.3  | 580.7  | 630.4  | 715.3  | 839.5  | 980.3  | 1062.1 | 1017.6 |
| 57.5° | 456.5  | 467.9  | 489.6  | 502.0  | 509.3  | 556.9  | 622.1  | 719.4  | 845.7  | 945.1  | 920.3  |
| 60°   | 408.9  | 419.2  | 431.7  | 441.0  | 449.3  | 488.6  | 534.1  | 612.8  | 725.6  | 821.9  | 815.7  |
| 62.5° | 358.2  | 367.5  | 380.9  | 390.3  | 397.5  | 422.3  | 460.6  | 520.7  | 617.0  | 706.0  | 723.6  |
| 65°   | 313.7  | 320.9  | 330.2  | 334.4  | 343.7  | 362.3  | 393.4  | 447.2  | 525.9  | 605.6  | 618.0  |
| 67.5° | 273.3  | 275.4  | 281.6  | 290.9  | 292.9  | 309.5  | 337.5  | 377.8  | 438.9  | 504.1  | 523.8  |
| 70°   | 229.8  | 232.9  | 238.1  | 245.3  | 249.5  | 259.8  | 283.6  | 310.5  | 363.3  | 420.3  | 434.8  |
| 72.5° | 191.5  | 195.6  | 197.7  | 201.9  | 203.9  | 220.5  | 230.8  | 257.8  | 294.0  | 341.6  | 357.1  |
| 75°   | 155.3  | 159.4  | 160.4  | 162.5  | 164.6  | 171.8  | 186.3  | 202.9  | 232.9  | 264.0  | 284.7  |
| 77.5° | 123.2  | 122.1  | 124.2  | 127.3  | 126.3  | 132.5  | 141.8  | 156.3  | 176.0  | 201.9  | 215.3  |
| 80°   | 87.0   | 87.0   | 90.1   | 93.2   | 92.1   | 98.3   | 101.4  | 111.8  | 128.4  | 144.9  | 150.1  |
| 82.5° | 58.0   | 58.0   | 61.1   | 61.1   | 63.1   | 64.2   | 68.3   | 73.5   | 87.0   | 95.2   | 98.3   |
| 85°   | 33.1   | 33.1   | 34.2   | 34.2   | 34.2   | 36.2   | 39.3   | 41.4   | 45.5   | 50.7   | 52.8   |
| 87.5° | 13.5   | 14.5   | 14.5   | 14.5   | 14.5   | 16.6   | 16.6   | 18.6   | 19.7   | 21.7   | 21.7   |
| 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: P1038049

CATALOG NUMBER: S125DS-B850DB27-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|       | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1219.4 | 1219.4 | 1219.4 | 1219.4 | 1219.4 | 1219.4 | 1219.4 | 1219.4 | 1219.4 | 1219.4 | 1219.4 |
| 2.5°  | 1254.6 | 1249.4 | 1243.2 | 1243.2 | 1236.0 | 1232.9 | 1226.7 | 1224.6 | 1219.4 | 1211.1 | 1204.9 |
| 5°    | 1299.1 | 1285.7 | 1277.4 | 1270.1 | 1254.6 | 1243.2 | 1231.8 | 1219.4 | 1207.0 | 1192.5 | 1175.9 |
| 7.5°  | 1342.6 | 1317.8 | 1306.4 | 1293.9 | 1271.2 | 1247.4 | 1224.6 | 1208.0 | 1191.5 | 1168.7 | 1148.0 |
| 10°   | 1388.1 | 1357.1 | 1336.4 | 1319.8 | 1284.6 | 1254.6 | 1221.5 | 1197.7 | 1171.8 | 1142.8 | 1115.9 |
| 12.5° | 1426.4 | 1386.1 | 1368.5 | 1337.4 | 1297.0 | 1260.8 | 1219.4 | 1183.2 | 1149.0 | 1114.9 | 1081.7 |
| 15°   | 1458.5 | 1420.2 | 1376.8 | 1364.3 | 1308.4 | 1256.7 | 1210.1 | 1163.5 | 1121.1 | 1086.9 | 1048.6 |
| 17.5° | 1468.9 | 1420.2 | 1398.5 | 1368.5 | 1302.2 | 1248.4 | 1189.4 | 1138.7 | 1098.3 | 1047.6 | 1017.6 |
| 20°   | 1472.0 | 1425.4 | 1395.4 | 1367.4 | 1308.4 | 1237.0 | 1179.0 | 1116.9 | 1068.3 | 1017.6 | 969.9  |
| 22.5° | 1463.7 | 1408.8 | 1379.9 | 1352.9 | 1286.7 | 1225.6 | 1158.3 | 1090.0 | 1033.1 | 986.5  | 938.9  |
| 25°   | 1448.2 | 1384.0 | 1356.1 | 1327.1 | 1263.9 | 1196.6 | 1123.1 | 1057.9 | 1005.1 | 949.2  | 902.7  |
| 27.5° | 1427.5 | 1354.0 | 1321.9 | 1291.9 | 1229.8 | 1166.6 | 1097.3 | 1030.0 | 971.0  | 912.0  | 868.5  |
| 30°   | 1401.6 | 1316.7 | 1287.7 | 1248.4 | 1188.4 | 1128.3 | 1065.2 | 997.9  | 931.6  | 875.7  | 828.1  |
| 32.5° | 1368.5 | 1279.4 | 1241.1 | 1203.9 | 1138.7 | 1083.8 | 1023.8 | 960.6  | 896.4  | 841.6  | 791.9  |
| 35°   | 1338.5 | 1237.0 | 1194.6 | 1157.3 | 1084.8 | 1026.9 | 977.2  | 918.2  | 861.2  | 804.3  | 759.8  |
| 37.5° | 1298.1 | 1194.6 | 1143.8 | 1105.5 | 1032.0 | 973.0  | 926.5  | 880.9  | 820.9  | 766.0  | 724.6  |
| 40°   | 1255.6 | 1141.8 | 1094.2 | 1055.9 | 979.3  | 915.1  | 870.6  | 830.2  | 781.5  | 730.8  | 687.3  |
| 42.5° | 1217.3 | 1091.1 | 1040.3 | 993.7  | 916.1  | 859.2  | 813.6  | 782.6  | 738.1  | 692.5  | 653.2  |
| 45°   | 1168.7 | 1037.2 | 982.4  | 933.7  | 859.2  | 797.1  | 753.6  | 728.7  | 695.6  | 651.1  | 617.0  |
| 47.5° | 1119.0 | 979.3  | 922.3  | 874.7  | 794.0  | 739.1  | 696.7  | 672.8  | 650.1  | 614.9  | 580.7  |
| 50°   | 1053.8 | 918.2  | 866.4  | 811.6  | 731.9  | 676.0  | 640.8  | 617.0  | 599.4  | 574.5  | 545.5  |
| 52.5° | 982.4  | 855.0  | 799.1  | 751.5  | 672.8  | 622.1  | 581.8  | 568.3  | 550.7  | 532.1  | 507.2  |
| 55°   | 906.8  | 786.7  | 732.9  | 686.3  | 613.8  | 562.1  | 529.0  | 514.5  | 501.0  | 486.5  | 470.0  |
| 57.5° | 831.2  | 715.3  | 664.6  | 623.2  | 555.9  | 506.2  | 479.3  | 459.6  | 450.3  | 442.0  | 428.6  |
| 60°   | 737.0  | 638.7  | 599.4  | 562.1  | 495.8  | 450.3  | 424.4  | 409.9  | 401.6  | 397.5  | 391.3  |
| 62.5° | 654.2  | 573.5  | 530.0  | 493.8  | 441.0  | 400.6  | 375.8  | 364.4  | 357.1  | 355.1  | 347.8  |
| 65°   | 566.2  | 496.9  | 462.7  | 431.7  | 386.1  | 349.9  | 329.2  | 315.7  | 310.5  | 309.5  | 309.5  |
| 67.5° | 483.4  | 427.5  | 393.4  | 371.6  | 332.3  | 300.2  | 280.5  | 275.4  | 272.2  | 268.1  | 267.1  |
| 70°   | 405.8  | 361.3  | 331.2  | 312.6  | 277.4  | 253.6  | 238.1  | 229.8  | 229.8  | 226.7  | 224.6  |
| 72.5° | 337.5  | 292.9  | 273.3  | 257.8  | 228.8  | 208.1  | 196.7  | 194.6  | 187.4  | 186.3  | 186.3  |
| 75°   | 264.0  | 230.8  | 217.4  | 203.9  | 182.2  | 167.7  | 158.4  | 153.2  | 149.1  | 149.1  | 150.1  |
| 77.5° | 198.7  | 176.0  | 163.6  | 153.2  | 137.7  | 128.4  | 121.1  | 119.0  | 114.9  | 114.9  | 114.9  |
| 80°   | 140.8  | 128.4  | 119.0  | 110.8  | 99.4   | 91.1   | 87.0   | 82.8   | 82.8   | 81.8   | 82.8   |
| 82.5° | 91.1   | 80.7   | 75.6   | 74.5   | 64.2   | 61.1   | 55.9   | 56.9   | 53.8   | 52.8   | 54.9   |
| 85°   | 52.8   | 47.6   | 41.4   | 39.3   | 35.2   | 31.1   | 29.0   | 30.0   | 29.0   | 27.9   | 29.0   |
| 87.5° | 20.7   | 17.6   | 16.6   | 16.6   | 13.5   | 12.4   | 11.4   | 12.4   | 10.4   | 10.4   | 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: P1038049

CATALOG NUMBER: S125DS-B850DB27-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|       | 200°   | 202.5° | 205°   | 210°   | 215°   | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1219.4 | 1219.4 | 1219.4 | 1219.4 | 1219.4 | 1219.4 | 1219.4 | 1219.4 | 1219.4 | 1219.4 | 1219.4 |
| 2.5°  | 1202.8 | 1200.8 | 1195.6 | 1192.5 | 1182.1 | 1169.7 | 1165.6 | 1155.2 | 1159.4 | 1152.1 | 1152.1 |
| 5°    | 1170.8 | 1161.4 | 1155.2 | 1145.9 | 1126.2 | 1112.8 | 1098.3 | 1091.1 | 1086.9 | 1081.7 | 1077.6 |
| 7.5°  | 1129.4 | 1122.1 | 1115.9 | 1098.3 | 1076.6 | 1057.9 | 1040.3 | 1033.1 | 1019.6 | 1010.3 | 1006.2 |
| 10°   | 1093.1 | 1082.8 | 1068.3 | 1047.6 | 1024.8 | 1001.0 | 985.5  | 969.9  | 959.6  | 954.4  | 943.0  |
| 12.5° | 1055.9 | 1043.4 | 1027.9 | 997.9  | 973.0  | 958.6  | 930.6  | 916.1  | 910.9  | 906.8  | 893.3  |
| 15°   | 1017.6 | 1004.1 | 985.5  | 957.5  | 935.8  | 901.6  | 885.1  | 873.7  | 861.2  | 860.2  | 849.9  |
| 17.5° | 983.4  | 966.8  | 951.3  | 917.1  | 890.2  | 860.2  | 850.9  | 838.5  | 827.1  | 814.7  | 809.5  |
| 20°   | 939.9  | 924.4  | 913.0  | 875.7  | 845.7  | 827.1  | 811.6  | 801.2  | 794.0  | 781.5  | 779.5  |
| 22.5° | 900.6  | 884.0  | 868.5  | 840.5  | 814.7  | 790.9  | 772.2  | 760.8  | 757.7  | 752.6  | 743.2  |
| 25°   | 862.3  | 845.7  | 827.1  | 801.2  | 774.3  | 757.7  | 741.2  | 733.9  | 727.7  | 719.4  | 712.2  |
| 27.5° | 830.2  | 814.7  | 797.1  | 765.0  | 742.2  | 729.8  | 712.2  | 703.9  | 695.6  | 691.5  | 688.4  |
| 30°   | 791.9  | 774.3  | 760.8  | 736.0  | 711.2  | 694.6  | 682.2  | 674.9  | 667.7  | 663.5  | 661.5  |
| 32.5° | 754.6  | 738.1  | 728.7  | 701.8  | 682.2  | 662.5  | 653.2  | 648.0  | 643.9  | 639.7  | 635.6  |
| 35°   | 724.6  | 708.0  | 693.6  | 668.7  | 649.0  | 635.6  | 628.3  | 620.1  | 617.0  | 612.8  | 612.8  |
| 37.5° | 687.3  | 674.9  | 660.4  | 636.6  | 619.0  | 608.7  | 602.5  | 592.1  | 591.1  | 589.0  | 585.9  |
| 40°   | 655.3  | 642.8  | 629.4  | 608.7  | 593.1  | 580.7  | 572.4  | 567.3  | 564.2  | 562.1  | 560.0  |
| 42.5° | 621.1  | 607.6  | 601.4  | 577.6  | 564.2  | 551.7  | 547.6  | 542.4  | 541.4  | 537.2  | 532.1  |
| 45°   | 588.0  | 576.6  | 564.2  | 546.6  | 535.2  | 524.8  | 518.6  | 514.5  | 509.3  | 508.3  | 505.2  |
| 47.5° | 559.0  | 545.5  | 534.1  | 517.6  | 505.2  | 496.9  | 491.7  | 486.5  | 482.4  | 479.3  | 476.2  |
| 50°   | 521.7  | 511.4  | 502.0  | 484.5  | 474.1  | 465.8  | 458.6  | 454.4  | 450.3  | 450.3  | 450.3  |
| 52.5° | 485.5  | 476.2  | 467.9  | 455.5  | 443.0  | 435.8  | 427.5  | 424.4  | 422.3  | 419.2  | 422.3  |
| 55°   | 450.3  | 441.0  | 432.7  | 423.4  | 408.9  | 402.7  | 394.4  | 391.3  | 392.3  | 392.3  | 395.4  |
| 57.5° | 413.0  | 405.8  | 400.6  | 389.2  | 375.8  | 369.5  | 364.4  | 361.3  | 361.3  | 365.4  | 366.4  |
| 60°   | 376.8  | 369.5  | 360.2  | 349.9  | 341.6  | 334.4  | 331.2  | 332.3  | 332.3  | 334.4  | 339.5  |
| 62.5° | 336.4  | 332.3  | 327.1  | 312.6  | 307.4  | 302.3  | 298.1  | 301.2  | 300.2  | 305.4  | 312.6  |
| 65°   | 299.2  | 295.0  | 287.8  | 280.5  | 274.3  | 269.1  | 268.1  | 269.1  | 271.2  | 276.4  | 284.7  |
| 67.5° | 257.8  | 257.8  | 251.5  | 245.3  | 240.2  | 235.0  | 236.0  | 237.1  | 239.1  | 245.3  | 257.8  |
| 70°   | 223.6  | 219.5  | 213.2  | 209.1  | 205.0  | 202.9  | 200.8  | 205.0  | 211.2  | 215.3  | 224.6  |
| 72.5° | 186.3  | 183.2  | 178.0  | 173.9  | 172.9  | 170.8  | 169.8  | 171.8  | 178.0  | 185.3  | 195.6  |
| 75°   | 147.0  | 148.0  | 144.9  | 141.8  | 141.8  | 138.7  | 140.8  | 140.8  | 147.0  | 154.2  | 162.5  |
| 77.5° | 113.9  | 112.8  | 111.8  | 109.7  | 108.7  | 108.7  | 108.7  | 110.8  | 117.0  | 121.1  | 129.4  |
| 80°   | 80.7   | 81.8   | 78.7   | 79.7   | 78.7   | 79.7   | 79.7   | 83.8   | 87.0   | 92.1   | 98.3   |
| 82.5° | 53.8   | 53.8   | 51.8   | 52.8   | 52.8   | 52.8   | 53.8   | 55.9   | 60.0   | 64.2   | 68.3   |
| 85°   | 30.0   | 31.1   | 29.0   | 31.1   | 31.1   | 31.1   | 32.1   | 33.1   | 36.2   | 37.3   | 41.4   |
| 87.5° | 11.4   | 13.5   | 13.5   | 11.4   | 12.4   | 13.5   | 14.5   | 13.5   | 15.5   | 17.6   | 18.6   |
| 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: P1038049

CATALOG NUMBER: S125DS-B850DB27-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|       | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1219.4 | 1219.4 | 1219.4 | 1219.4 | 1219.4 | 1219.4 | 1219.4 | 1219.4 | 1219.4 | 1219.4 | 1219.4 |
| 2.5°  | 1156.3 | 1149.0 | 1148.0 | 1150.1 | 1145.9 | 1152.1 | 1150.1 | 1152.1 | 1146.9 | 1152.1 | 1149.0 |
| 5°    | 1076.6 | 1074.5 | 1070.3 | 1065.2 | 1066.2 | 1067.2 | 1072.4 | 1067.2 | 1071.4 | 1072.4 | 1077.6 |
| 7.5°  | 1002.0 | 997.9  | 1001.0 | 998.9  | 989.6  | 987.5  | 989.6  | 992.7  | 998.9  | 1003.1 | 1006.2 |
| 10°   | 942.0  | 939.9  | 935.8  | 932.7  | 927.5  | 924.4  | 928.5  | 924.4  | 932.7  | 939.9  | 939.9  |
| 12.5° | 896.4  | 888.2  | 883.0  | 882.0  | 870.6  | 872.6  | 876.8  | 879.9  | 889.2  | 893.3  | 893.3  |
| 15°   | 848.8  | 842.6  | 840.5  | 836.4  | 832.3  | 836.4  | 834.3  | 837.4  | 841.6  | 845.7  | 847.8  |
| 17.5° | 807.4  | 806.4  | 807.4  | 797.1  | 800.2  | 795.0  | 796.0  | 801.2  | 798.1  | 801.2  | 807.4  |
| 20°   | 770.2  | 772.2  | 769.1  | 765.0  | 765.0  | 758.8  | 766.0  | 763.9  | 765.0  | 771.2  | 780.5  |
| 22.5° | 742.2  | 741.2  | 738.1  | 735.0  | 730.8  | 731.9  | 732.9  | 730.8  | 739.1  | 744.3  | 745.3  |
| 25°   | 712.2  | 710.1  | 709.1  | 706.0  | 701.8  | 706.0  | 704.9  | 706.0  | 708.0  | 716.3  | 710.1  |
| 27.5° | 684.2  | 680.1  | 682.2  | 679.1  | 678.0  | 679.1  | 679.1  | 680.1  | 682.2  | 683.2  | 684.2  |
| 30°   | 660.4  | 656.3  | 655.3  | 653.2  | 652.1  | 653.2  | 655.3  | 653.2  | 661.5  | 660.4  | 660.4  |
| 32.5° | 634.5  | 631.4  | 629.4  | 629.4  | 628.3  | 627.3  | 628.3  | 629.4  | 635.6  | 631.4  | 635.6  |
| 35°   | 609.7  | 607.6  | 607.6  | 605.6  | 604.5  | 604.5  | 604.5  | 608.7  | 606.6  | 609.7  | 609.7  |
| 37.5° | 585.9  | 585.9  | 584.9  | 582.8  | 581.8  | 582.8  | 581.8  | 583.8  | 582.8  | 583.8  | 584.9  |
| 40°   | 561.1  | 559.0  | 557.9  | 557.9  | 554.8  | 551.7  | 554.8  | 554.8  | 555.9  | 559.0  | 560.0  |
| 42.5° | 531.0  | 532.1  | 532.1  | 527.9  | 527.9  | 527.9  | 529.0  | 530.0  | 530.0  | 532.1  | 532.1  |
| 45°   | 505.2  | 503.1  | 503.1  | 503.1  | 501.0  | 502.0  | 504.1  | 504.1  | 504.1  | 504.1  | 502.0  |
| 47.5° | 476.2  | 476.2  | 477.2  | 477.2  | 480.3  | 479.3  | 479.3  | 478.2  | 476.2  | 476.2  | 477.2  |
| 50°   | 449.3  | 452.4  | 453.4  | 453.4  | 454.4  | 455.5  | 455.5  | 453.4  | 452.4  | 449.3  | 449.3  |
| 52.5° | 423.4  | 425.4  | 427.5  | 430.6  | 432.7  | 431.7  | 431.7  | 429.6  | 425.4  | 424.4  | 423.4  |
| 55°   | 395.4  | 398.5  | 402.7  | 405.8  | 408.9  | 409.9  | 409.9  | 405.8  | 401.6  | 396.5  | 396.5  |
| 57.5° | 369.5  | 372.7  | 379.9  | 383.0  | 387.1  | 387.1  | 385.1  | 382.0  | 375.8  | 371.6  | 368.5  |
| 60°   | 343.7  | 348.8  | 354.0  | 360.2  | 365.4  | 366.4  | 363.3  | 359.2  | 352.0  | 346.8  | 342.6  |
| 62.5° | 315.7  | 320.9  | 331.2  | 337.5  | 341.6  | 341.6  | 341.6  | 336.4  | 327.1  | 319.9  | 313.7  |
| 65°   | 288.8  | 294.0  | 303.3  | 311.6  | 314.7  | 317.8  | 314.7  | 309.5  | 302.3  | 294.0  | 287.8  |
| 67.5° | 260.9  | 267.1  | 276.4  | 282.6  | 286.7  | 289.8  | 287.8  | 283.6  | 274.3  | 262.9  | 258.8  |
| 70°   | 229.8  | 232.9  | 246.4  | 252.6  | 258.8  | 260.9  | 258.8  | 252.6  | 243.3  | 230.8  | 226.7  |
| 72.5° | 200.8  | 203.9  | 216.3  | 221.5  | 226.7  | 228.8  | 225.7  | 221.5  | 213.2  | 201.9  | 196.7  |
| 75°   | 167.7  | 172.9  | 179.1  | 187.4  | 193.6  | 195.6  | 192.5  | 189.4  | 179.1  | 171.8  | 167.7  |
| 77.5° | 132.5  | 137.7  | 146.0  | 153.2  | 159.4  | 158.4  | 154.2  | 155.3  | 143.9  | 135.6  | 132.5  |
| 80°   | 100.4  | 104.6  | 110.8  | 117.0  | 120.1  | 120.1  | 119.0  | 114.9  | 110.8  | 104.6  | 99.4   |
| 82.5° | 69.4   | 74.5   | 79.7   | 83.8   | 83.8   | 84.9   | 82.8   | 81.8   | 77.6   | 72.5   | 71.4   |
| 85°   | 41.4   | 42.4   | 46.6   | 46.6   | 50.7   | 48.7   | 47.6   | 50.7   | 46.6   | 43.5   | 42.4   |
| 87.5° | 18.6   | 17.6   | 18.6   | 18.6   | 17.6   | 19.7   | 19.7   | 18.6   | 19.7   | 18.6   | 18.6   |
| 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: P1038049

CATALOG NUMBER: S125DS-B850DB27-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|       | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 337.5° | 340°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1219.4 | 1219.4 | 1219.4 | 1219.4 | 1219.4 | 1219.4 | 1219.4 | 1219.4 | 1219.4 | 1219.4 | 1219.4 |
| 2.5°  | 1158.3 | 1152.1 | 1159.4 | 1150.1 | 1152.1 | 1163.5 | 1162.5 | 1172.8 | 1179.0 | 1178.0 | 1183.2 |
| 5°    | 1081.7 | 1081.7 | 1084.8 | 1083.8 | 1094.2 | 1103.5 | 1115.9 | 1126.2 | 1137.6 | 1143.8 | 1151.1 |
| 7.5°  | 1006.2 | 1016.5 | 1018.6 | 1023.8 | 1036.2 | 1051.7 | 1064.1 | 1079.7 | 1096.2 | 1107.6 | 1115.9 |
| 10°   | 944.1  | 952.3  | 960.6  | 964.8  | 978.2  | 998.9  | 1016.5 | 1041.4 | 1062.1 | 1074.5 | 1085.9 |
| 12.5° | 889.2  | 898.5  | 902.7  | 921.3  | 930.6  | 944.1  | 968.9  | 995.8  | 1018.6 | 1032.0 | 1041.4 |
| 15°   | 849.9  | 855.0  | 864.4  | 875.7  | 885.1  | 901.6  | 922.3  | 952.3  | 974.1  | 985.5  | 1017.6 |
| 17.5° | 816.7  | 822.9  | 828.1  | 833.3  | 847.8  | 865.4  | 885.1  | 910.9  | 938.9  | 958.6  | 975.1  |
| 20°   | 782.6  | 785.7  | 791.9  | 800.2  | 810.5  | 827.1  | 844.7  | 871.6  | 896.4  | 912.0  | 933.7  |
| 22.5° | 742.2  | 751.5  | 757.7  | 763.9  | 775.3  | 794.0  | 810.5  | 830.2  | 861.2  | 878.8  | 901.6  |
| 25°   | 718.4  | 722.5  | 726.7  | 733.9  | 742.2  | 758.8  | 777.4  | 798.1  | 822.9  | 841.6  | 861.2  |
| 27.5° | 687.3  | 693.6  | 698.7  | 708.0  | 713.2  | 726.7  | 744.3  | 765.0  | 795.0  | 810.5  | 827.1  |
| 30°   | 661.5  | 667.7  | 671.8  | 676.0  | 683.2  | 697.7  | 714.3  | 730.8  | 758.8  | 778.4  | 795.0  |
| 32.5° | 635.6  | 641.8  | 647.0  | 650.1  | 657.3  | 666.6  | 680.1  | 700.8  | 724.6  | 738.1  | 759.8  |
| 35°   | 612.8  | 612.8  | 619.0  | 623.2  | 629.4  | 637.7  | 650.1  | 665.6  | 690.4  | 708.0  | 727.7  |
| 37.5° | 586.9  | 588.0  | 593.1  | 596.2  | 602.5  | 610.7  | 623.2  | 637.7  | 658.4  | 671.8  | 691.5  |
| 40°   | 560.0  | 563.1  | 565.2  | 570.4  | 577.6  | 580.7  | 593.1  | 609.7  | 630.4  | 642.8  | 659.4  |
| 42.5° | 533.1  | 535.2  | 540.3  | 544.5  | 550.7  | 555.9  | 564.2  | 579.7  | 595.2  | 613.8  | 627.3  |
| 45°   | 503.1  | 508.3  | 511.4  | 518.6  | 521.7  | 526.9  | 535.2  | 547.6  | 566.2  | 577.6  | 593.1  |
| 47.5° | 477.2  | 479.3  | 481.3  | 490.7  | 496.9  | 500.0  | 508.3  | 515.5  | 535.2  | 545.5  | 560.0  |
| 50°   | 449.3  | 449.3  | 452.4  | 456.5  | 463.7  | 470.0  | 477.2  | 485.5  | 501.0  | 511.4  | 525.9  |
| 52.5° | 423.4  | 420.3  | 422.3  | 424.4  | 431.7  | 437.9  | 445.1  | 456.5  | 471.0  | 477.2  | 489.6  |
| 55°   | 395.4  | 390.3  | 393.4  | 396.5  | 398.5  | 406.8  | 415.1  | 422.3  | 433.7  | 443.0  | 454.4  |
| 57.5° | 365.4  | 364.4  | 362.3  | 363.3  | 368.5  | 373.7  | 379.9  | 389.2  | 402.7  | 409.9  | 416.1  |
| 60°   | 338.5  | 332.3  | 330.2  | 332.3  | 335.4  | 338.5  | 346.8  | 355.1  | 366.4  | 373.7  | 380.9  |
| 62.5° | 310.5  | 304.3  | 300.2  | 297.1  | 300.2  | 307.4  | 312.6  | 318.8  | 328.1  | 336.4  | 342.6  |
| 65°   | 283.6  | 274.3  | 270.2  | 268.1  | 267.1  | 272.2  | 276.4  | 284.7  | 292.9  | 296.1  | 303.3  |
| 67.5° | 253.6  | 245.3  | 240.2  | 237.1  | 237.1  | 237.1  | 241.2  | 249.5  | 257.8  | 258.8  | 266.0  |
| 70°   | 223.6  | 214.3  | 209.1  | 205.0  | 202.9  | 205.0  | 210.1  | 211.2  | 218.4  | 220.5  | 224.6  |
| 72.5° | 191.5  | 183.2  | 177.0  | 171.8  | 172.9  | 174.9  | 174.9  | 177.0  | 181.2  | 186.3  | 186.3  |
| 75°   | 161.5  | 150.1  | 147.0  | 142.9  | 140.8  | 140.8  | 140.8  | 144.9  | 148.0  | 152.2  | 151.1  |
| 77.5° | 127.3  | 121.1  | 114.9  | 112.8  | 109.7  | 108.7  | 110.8  | 110.8  | 112.8  | 115.9  | 117.0  |
| 80°   | 98.3   | 91.1   | 87.0   | 84.9   | 80.7   | 79.7   | 80.7   | 80.7   | 83.8   | 82.8   | 83.8   |
| 82.5° | 68.3   | 63.1   | 60.0   | 56.9   | 54.9   | 55.9   | 54.9   | 54.9   | 55.9   | 54.9   | 54.9   |
| 85°   | 39.3   | 38.3   | 36.2   | 35.2   | 34.2   | 32.1   | 34.2   | 33.1   | 32.1   | 31.1   | 33.1   |
| 87.5° | 18.6   | 17.6   | 17.6   | 15.5   | 15.5   | 14.5   | 15.5   | 15.5   | 14.5   | 14.5   | 14.5   |
| 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: P1038049

CATALOG NUMBER: S125DS-B850DB27-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|       | 345°   | 350°   | 355°   | 360°   |
|-------|--------|--------|--------|--------|
| 0°    | 1219.4 | 1219.4 | 1219.4 | 1219.4 |
| 2.5°  | 1190.4 | 1200.8 | 1208.0 | 1221.5 |
| 5°    | 1163.5 | 1182.1 | 1199.7 | 1218.4 |
| 7.5°  | 1136.6 | 1158.3 | 1186.3 | 1210.1 |
| 10°   | 1106.6 | 1134.5 | 1167.7 | 1199.7 |
| 12.5° | 1076.6 | 1109.7 | 1145.9 | 1188.4 |
| 15°   | 1040.3 | 1082.8 | 1125.2 | 1170.8 |
| 17.5° | 1008.2 | 1051.7 | 1097.3 | 1154.2 |
| 20°   | 972.0  | 1019.6 | 1069.3 | 1127.3 |
| 22.5° | 939.9  | 992.7  | 1044.5 | 1105.5 |
| 25°   | 903.7  | 955.4  | 1012.4 | 1077.6 |
| 27.5° | 873.7  | 921.3  | 977.2  | 1047.6 |
| 30°   | 837.4  | 889.2  | 945.1  | 1015.5 |
| 32.5° | 803.3  | 853.0  | 912.0  | 981.3  |
| 35°   | 768.1  | 818.8  | 871.6  | 937.8  |
| 37.5° | 735.0  | 778.4  | 831.2  | 894.4  |
| 40°   | 697.7  | 745.3  | 792.9  | 842.6  |
| 42.5° | 663.5  | 707.0  | 751.5  | 790.9  |
| 45°   | 625.2  | 662.5  | 704.9  | 737.0  |
| 47.5° | 590.0  | 623.2  | 656.3  | 681.1  |
| 50°   | 554.8  | 580.7  | 605.6  | 627.3  |
| 52.5° | 513.4  | 542.4  | 555.9  | 569.3  |
| 55°   | 476.2  | 492.7  | 505.2  | 518.6  |
| 57.5° | 439.9  | 447.2  | 453.4  | 465.8  |
| 60°   | 392.3  | 400.6  | 407.9  | 417.2  |
| 62.5° | 350.9  | 355.1  | 357.1  | 366.4  |
| 65°   | 311.6  | 310.5  | 315.7  | 320.9  |
| 67.5° | 269.1  | 268.1  | 273.3  | 275.4  |
| 70°   | 227.7  | 226.7  | 227.7  | 232.9  |
| 72.5° | 188.4  | 188.4  | 189.4  | 191.5  |
| 75°   | 152.2  | 152.2  | 153.2  | 155.3  |
| 77.5° | 114.9  | 117.0  | 115.9  | 120.1  |
| 80°   | 83.8   | 81.8   | 83.8   | 85.9   |
| 82.5° | 54.9   | 56.9   | 56.9   | 54.9   |
| 85°   | 31.1   | 31.1   | 31.1   | 31.1   |
| 87.5° | 13.5   | 13.5   | 14.5   | 15.5   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    |

(END OF REPORT)