

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: P987565

Luminaire Tested: S122DR-B865DB50-4F0-XX-W2A-A

Issue Date: 5/2/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P987565  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1802-639-19)  
Test Lab: INNOVATION CENTER  
Issue Date: 5/2/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: S122DR-B865DB50-4F0-XX-W2A-A  
Description: Define 2 Direct Recessed with 5000K BioUP LEDs {m-DER=1.015} {m-EER=1.115}  
Light Source: -  
Ballast/Driver: -

**Summary**

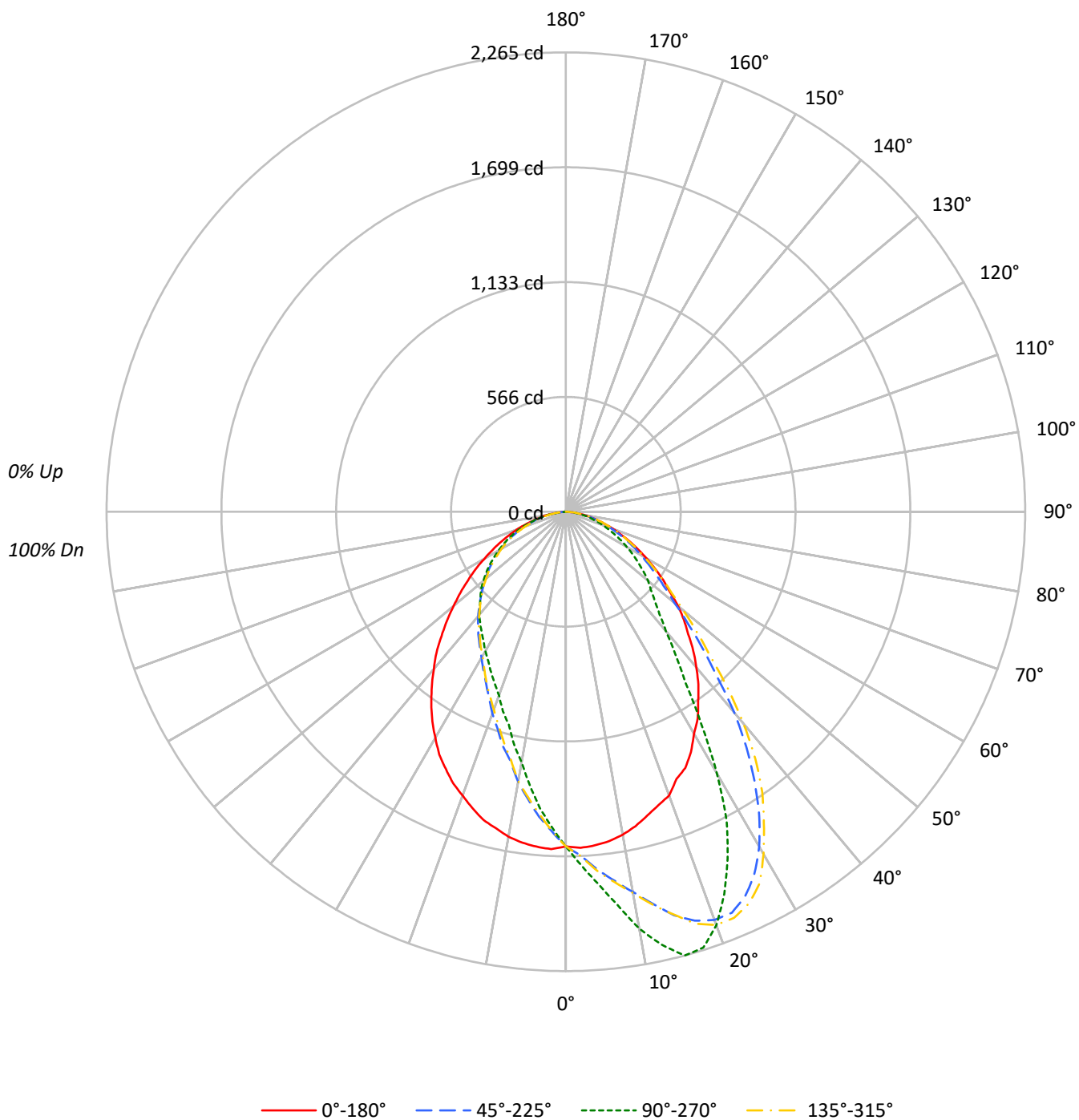
Lumens per Lamp: N/A  
Luminaire Lumens: 3640.0 lumens  
Efficiency: N/A  
Efficacy: 77.8 lumens/watt  
Spacing Criteria (0/90/45): 1.16 / 1.09 / 1.23  
Luminous Opening: Rectangular (W 0.17' x L: 4' x H: 0')  
CIE Type: Direct

Input Watts (W): 46.8  
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: P987565

CATALOG NUMBER: S122DR-B865DB50-4F0-XX-W2A-A

### Luminous Intensity Polar Plot



TEST NUMBER: P987565

CATALOG NUMBER: S122DR-B865DB50-4F0-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   | 110 | 106 | 102 | 98  | 107 | 103 | 100 | 97  | 99  | 96  | 94  |  | 95  | 93  | 91  |  | 92  |
| 2   | 101 | 94  | 87  | 82  | 98  | 92  | 86  | 81  | 88  | 83  | 79  |  | 85  | 81  | 78  |  | 82  |
| 3   | 93  | 83  | 76  | 70  | 90  | 82  | 75  | 69  | 79  | 73  | 68  |  | 76  | 71  | 67  |  | 74  |
| 4   | 86  | 75  | 66  | 60  | 83  | 73  | 66  | 60  | 71  | 64  | 59  |  | 69  | 63  | 58  |  | 66  |
| 5   | 79  | 67  | 59  | 53  | 77  | 66  | 58  | 52  | 64  | 57  | 52  |  | 62  | 56  | 51  |  | 60  |
| 6   | 74  | 61  | 53  | 47  | 72  | 60  | 52  | 46  | 58  | 51  | 46  |  | 57  | 51  | 46  |  | 55  |
| 7   | 69  | 56  | 48  | 42  | 67  | 55  | 47  | 42  | 54  | 46  | 41  |  | 52  | 46  | 41  |  | 51  |
| 8   | 64  | 51  | 43  | 38  | 63  | 51  | 43  | 38  | 49  | 42  | 37  |  | 48  | 42  | 37  |  | 47  |
| 9   | 60  | 47  | 39  | 34  | 59  | 47  | 39  | 34  | 46  | 39  | 34  |  | 45  | 38  | 34  |  | 44  |
| 10  | 56  | 44  | 36  | 31  | 55  | 43  | 36  | 31  | 42  | 36  | 31  |  | 41  | 35  | 31  |  | 41  |

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

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 26115 | 26115 | 26115 | 26115 |
| 5°  | 26236 | 29278 | 26336 | 23293 |
| 10° | 25988 | 33550 | 26152 | 20159 |
| 15° | 25416 | 37116 | 25770 | 17810 |
| 20° | 25079 | 36549 | 25079 | 16235 |
| 25° | 24342 | 32958 | 24452 | 15239 |
| 30° | 23085 | 27234 | 23526 | 14509 |
| 35° | 21981 | 19850 | 22348 | 13993 |
| 40° | 20701 | 15853 | 20936 | 13704 |
| 45° | 19104 | 13852 | 19418 | 13313 |
| 50° | 17738 | 13022 | 17770 | 13054 |
| 55° | 16169 | 12005 | 16274 | 12703 |
| 60° | 14493 | 11001 | 14693 | 12163 |
| 65° | 13016 | 10023 | 13252 | 11637 |
| 70° | 11561 | 9099  | 11857 | 10858 |
| 75° | 9926  | 8067  | 10318 | 9614  |
| 80° | 8095  | 6937  | 8669  | 7748  |
| 85° | 5993  | 6211  | 6448  | 4613  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 155°

Vertical Angle: 45°

Luminance: 34094 cd/sqm

TEST NUMBER: P987565

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 157.1  | 4.3       |
| 10°-20°   | 457.4  | 12.6      |
| 20°-30°   | 663.8  | 18.2      |
| 30°-40°   | 699.8  | 19.2      |
| 40°-50°   | 619.2  | 17.0      |
| 50°-60°   | 494.4  | 13.6      |
| 60°-70°   | 335.8  | 9.2       |
| 70°-80°   | 171.8  | 4.7       |
| 80°-90°   | 40.6   | 1.1       |
| 90°-100°  | 0.0    | 0.0       |
| 100°-110° | 0.0    | 0.0       |
| 110°-120° | 0.0    | 0.0       |
| 120°-130° | 0.0    | 0.0       |
| 130°-140° | 0.0    | 0.0       |
| 140°-150° | 0.0    | 0.0       |
| 150°-160° | 0.0    | 0.0       |
| 160°-170° | 0.0    | 0.0       |
| 170°-180° | 0.0    | 0.0       |
| 0°-30°    | 1278.3 | 35.1      |
| 0°-40°    | 1978.1 | 54.3      |
| 0°-60°    | 3091.7 | 84.9      |
| 0°-90°    | 3640.0 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 3640.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 90°  | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0°  | 1650 | 1650 | 1650 | 1650 | 1650 |      |
| 5°  | 1651 | 1843 | 1657 | 1466 | 1651 | 157  |
| 15° | 1551 | 2265 | 1572 | 1087 | 1551 | 438  |
| 25° | 1394 | 1887 | 1400 | 872  | 1394 | 637  |
| 35° | 1138 | 1027 | 1156 | 724  | 1138 | 712  |
| 45° | 853  | 619  | 867  | 595  | 853  | 662  |
| 55° | 586  | 435  | 590  | 460  | 586  | 523  |
| 65° | 348  | 268  | 354  | 311  | 348  | 345  |
| 75° | 162  | 132  | 169  | 157  | 162  | 174  |
| 85° | 33   | 34   | 36   | 25   | 33   | 40   |
| 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°    | 1649.8 | 1649.8 | 1649.8 | 1649.8 | 1649.8 | 1649.8 | 1649.8 | 1649.8 | 1649.8 | 1649.8 | 1649.8 |
| 2.5°  | 1658.7 | 1662.5 | 1668.8 | 1670.1 | 1682.8 | 1692.9 | 1704.3 | 1704.3 | 1708.2 | 1706.9 | 1696.7 |
| 5°    | 1651.1 | 1662.5 | 1679.0 | 1692.9 | 1715.8 | 1725.9 | 1741.1 | 1752.5 | 1762.7 | 1770.3 | 1769.0 |
| 7.5°  | 1638.4 | 1658.7 | 1682.8 | 1709.4 | 1739.9 | 1757.6 | 1779.2 | 1799.5 | 1813.4 | 1826.1 | 1835.0 |
| 10°   | 1616.8 | 1651.1 | 1684.1 | 1719.6 | 1758.9 | 1783.0 | 1808.3 | 1835.0 | 1856.5 | 1880.6 | 1903.4 |
| 12.5° | 1587.7 | 1637.1 | 1677.7 | 1724.6 | 1772.8 | 1799.5 | 1840.0 | 1860.3 | 1902.2 | 1963.0 | 1979.5 |
| 15°   | 1550.9 | 1618.1 | 1656.2 | 1715.8 | 1779.2 | 1800.7 | 1856.5 | 1889.5 | 1975.7 | 2013.8 | 2059.4 |
| 17.5° | 1516.7 | 1591.5 | 1642.2 | 1710.7 | 1772.8 | 1814.7 | 1869.2 | 1936.4 | 2008.7 | 2063.2 | 2113.9 |
| 20°   | 1488.8 | 1561.0 | 1621.9 | 1698.0 | 1776.6 | 1829.9 | 1887.0 | 1968.1 | 2046.7 | 2102.5 | 2141.8 |
| 22.5° | 1425.4 | 1517.9 | 1588.9 | 1673.9 | 1769.0 | 1842.6 | 1897.1 | 1985.9 | 2070.8 | 2105.1 | 2139.3 |
| 25°   | 1393.7 | 1473.5 | 1556.0 | 1652.4 | 1763.9 | 1851.4 | 1898.4 | 1997.3 | 2072.1 | 2084.8 | 2092.4 |
| 27.5° | 1335.3 | 1425.4 | 1521.7 | 1632.1 | 1762.7 | 1836.2 | 1895.8 | 1985.9 | 2045.5 | 2036.6 | 2013.8 |
| 30°   | 1263.0 | 1373.4 | 1479.9 | 1599.1 | 1744.9 | 1824.8 | 1880.6 | 1963.0 | 1993.5 | 1947.8 | 1907.2 |
| 32.5° | 1209.8 | 1313.8 | 1431.7 | 1569.9 | 1724.6 | 1800.7 | 1855.3 | 1919.9 | 1926.3 | 1843.8 | 1775.4 |
| 35°   | 1137.5 | 1252.9 | 1386.0 | 1531.9 | 1690.4 | 1758.9 | 1809.6 | 1848.9 | 1818.5 | 1703.1 | 1621.9 |
| 37.5° | 1072.8 | 1187.0 | 1329.0 | 1477.4 | 1643.5 | 1710.7 | 1751.3 | 1757.6 | 1682.8 | 1581.3 | 1462.1 |
| 40°   | 1001.8 | 1119.7 | 1268.1 | 1424.1 | 1591.5 | 1649.8 | 1675.2 | 1656.2 | 1548.4 | 1430.4 | 1292.2 |
| 42.5° | 930.8  | 1047.5 | 1207.2 | 1367.0 | 1525.5 | 1575.0 | 1585.1 | 1533.2 | 1401.3 | 1263.0 | 1103.3 |
| 45°   | 853.4  | 975.2  | 1135.0 | 1296.0 | 1449.5 | 1477.4 | 1478.6 | 1403.8 | 1247.8 | 1103.3 | 954.9  |
| 47.5° | 790.0  | 902.9  | 1061.4 | 1222.5 | 1351.8 | 1370.8 | 1363.2 | 1277.0 | 1107.1 | 944.7  | 815.4  |
| 50°   | 720.3  | 828.1  | 985.3  | 1143.8 | 1254.2 | 1259.2 | 1240.2 | 1117.2 | 951.1  | 802.7  | 700.0  |
| 52.5° | 645.5  | 754.5  | 899.1  | 1051.3 | 1150.2 | 1142.6 | 1105.8 | 973.9  | 817.9  | 694.9  | 616.3  |
| 55°   | 585.9  | 682.2  | 817.9  | 966.3  | 1036.0 | 1014.5 | 973.9  | 839.5  | 716.5  | 612.5  | 544.0  |
| 57.5° | 519.9  | 604.9  | 738.0  | 867.4  | 908.0  | 887.7  | 847.1  | 721.6  | 607.4  | 528.8  | 483.2  |
| 60°   | 457.8  | 535.1  | 651.8  | 759.6  | 791.3  | 769.7  | 722.8  | 610.0  | 527.5  | 461.6  | 427.4  |
| 62.5° | 400.7  | 467.9  | 565.6  | 664.5  | 677.2  | 655.6  | 615.0  | 523.7  | 452.7  | 400.7  | 375.4  |
| 65°   | 347.5  | 410.9  | 489.5  | 564.3  | 575.7  | 552.9  | 511.1  | 445.1  | 385.5  | 352.5  | 328.4  |
| 67.5° | 295.5  | 346.2  | 415.9  | 470.5  | 476.8  | 455.3  | 421.0  | 367.8  | 331.0  | 295.5  | 277.7  |
| 70°   | 249.8  | 287.9  | 342.4  | 386.8  | 389.3  | 369.0  | 351.3  | 303.1  | 275.2  | 249.8  | 235.9  |
| 72.5° | 205.4  | 232.1  | 273.9  | 306.9  | 308.2  | 295.5  | 279.0  | 248.6  | 224.5  | 206.7  | 192.8  |
| 75°   | 162.3  | 185.1  | 210.5  | 239.7  | 238.4  | 228.3  | 215.6  | 196.6  | 176.3  | 164.9  | 158.5  |
| 77.5° | 124.3  | 138.2  | 158.5  | 177.5  | 177.5  | 172.5  | 164.9  | 150.9  | 138.2  | 126.8  | 120.5  |
| 80°   | 88.8   | 97.6   | 114.1  | 120.5  | 123.0  | 121.7  | 115.4  | 105.3  | 100.2  | 91.3   | 88.8   |
| 82.5° | 57.1   | 63.4   | 71.0   | 77.4   | 81.2   | 78.6   | 77.4   | 72.3   | 64.7   | 62.1   | 59.6   |
| 85°   | 33.0   | 35.5   | 39.3   | 43.1   | 44.4   | 43.1   | 45.7   | 41.8   | 38.0   | 38.0   | 36.8   |
| 87.5° | 13.9   | 15.2   | 17.8   | 17.8   | 19.0   | 19.0   | 17.8   | 19.0   | 19.0   | 17.8   | 16.5   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

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**CANDELA DISTRIBUTION (continued):**

|       | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1649.8 | 1649.8 | 1649.8 | 1649.8 | 1649.8 | 1649.8 | 1649.8 | 1649.8 | 1649.8 | 1649.8 | 1649.8 |
| 2.5°  | 1714.5 | 1715.8 | 1718.3 | 1731.0 | 1737.3 | 1738.6 | 1733.5 | 1744.9 | 1748.7 | 1744.9 | 1742.4 |
| 5°    | 1795.7 | 1803.3 | 1818.5 | 1835.0 | 1833.7 | 1835.0 | 1842.6 | 1850.2 | 1852.7 | 1842.6 | 1846.4 |
| 7.5°  | 1866.7 | 1881.9 | 1898.4 | 1923.7 | 1923.7 | 1936.4 | 1941.5 | 1947.8 | 1963.0 | 1955.4 | 1952.9 |
| 10°   | 1947.8 | 1968.1 | 1998.5 | 2039.1 | 2040.4 | 2053.1 | 2065.8 | 2086.0 | 2092.4 | 2087.3 | 2089.9 |
| 12.5° | 2049.3 | 2088.6 | 2091.1 | 2135.5 | 2155.8 | 2158.3 | 2178.6 | 2174.8 | 2187.5 | 2187.5 | 2209.1 |
| 15°   | 2093.7 | 2154.5 | 2188.8 | 2231.9 | 2244.6 | 2229.3 | 2245.8 | 2263.6 | 2264.9 | 2264.9 | 2263.6 |
| 17.5° | 2173.5 | 2197.6 | 2231.9 | 2254.7 | 2259.8 | 2259.8 | 2261.0 | 2268.7 | 2263.6 | 2253.4 | 2261.0 |
| 20°   | 2190.0 | 2200.2 | 2212.9 | 2210.3 | 2212.9 | 2200.2 | 2187.5 | 2174.8 | 2176.1 | 2169.7 | 2188.8 |
| 22.5° | 2159.6 | 2157.1 | 2127.9 | 2108.9 | 2108.9 | 2083.5 | 2059.4 | 2048.0 | 2036.6 | 2040.4 | 2046.7 |
| 25°   | 2083.5 | 2044.2 | 2008.7 | 1980.8 | 1974.5 | 1933.9 | 1900.9 | 1890.8 | 1871.7 | 1887.0 | 1889.5 |
| 27.5° | 1961.8 | 1917.4 | 1860.3 | 1836.2 | 1803.3 | 1786.8 | 1763.9 | 1733.5 | 1694.2 | 1717.0 | 1713.2 |
| 30°   | 1831.2 | 1765.2 | 1718.3 | 1660.0 | 1608.0 | 1604.2 | 1561.0 | 1510.3 | 1490.0 | 1490.0 | 1501.4 |
| 32.5° | 1685.3 | 1597.8 | 1529.3 | 1446.9 | 1396.2 | 1374.6 | 1322.6 | 1271.9 | 1283.3 | 1245.3 | 1259.2 |
| 35°   | 1515.4 | 1400.0 | 1313.8 | 1233.9 | 1195.8 | 1170.5 | 1103.3 | 1075.4 | 1044.9 | 1027.2 | 1060.1 |
| 37.5° | 1353.1 | 1219.9 | 1109.6 | 1022.1 | 1008.2 | 962.5  | 916.8  | 899.1  | 881.3  | 888.9  | 887.7  |
| 40°   | 1155.3 | 1037.3 | 938.4  | 869.9  | 845.8  | 824.3  | 793.8  | 772.3  | 760.9  | 767.2  | 768.5  |
| 42.5° | 976.4  | 877.5  | 804.0  | 755.8  | 735.5  | 720.3  | 705.1  | 687.3  | 683.5  | 683.5  | 688.6  |
| 45°   | 838.2  | 757.1  | 707.6  | 668.3  | 656.9  | 645.5  | 634.1  | 626.4  | 623.9  | 618.8  | 622.6  |
| 47.5° | 727.9  | 663.2  | 632.8  | 603.6  | 590.9  | 588.4  | 578.3  | 574.5  | 569.4  | 568.1  | 569.4  |
| 50°   | 635.3  | 594.7  | 566.8  | 550.4  | 541.5  | 537.7  | 532.6  | 525.0  | 522.5  | 528.8  | 526.3  |
| 52.5° | 570.7  | 532.6  | 517.4  | 500.9  | 495.8  | 490.8  | 483.2  | 484.4  | 483.2  | 480.6  | 480.6  |
| 55°   | 506.0  | 481.9  | 466.7  | 454.0  | 452.7  | 447.6  | 441.3  | 438.8  | 437.5  | 435.0  | 438.8  |
| 57.5° | 454.0  | 435.0  | 421.0  | 409.6  | 404.5  | 404.5  | 398.2  | 393.1  | 393.1  | 391.8  | 393.1  |
| 60°   | 402.0  | 383.0  | 374.1  | 362.7  | 358.9  | 357.6  | 353.8  | 351.3  | 347.5  | 347.5  | 347.5  |
| 62.5° | 353.8  | 338.6  | 328.4  | 318.3  | 319.6  | 313.2  | 308.2  | 305.6  | 305.6  | 306.9  | 306.9  |
| 65°   | 308.2  | 298.0  | 285.3  | 276.4  | 273.9  | 272.6  | 270.1  | 268.8  | 265.0  | 267.6  | 267.6  |
| 67.5° | 266.3  | 252.4  | 244.7  | 240.9  | 237.1  | 235.9  | 233.3  | 230.8  | 229.5  | 228.3  | 230.8  |
| 70°   | 224.5  | 213.0  | 206.7  | 204.2  | 200.4  | 199.1  | 197.8  | 194.0  | 195.3  | 196.6  | 197.8  |
| 72.5° | 186.4  | 176.3  | 175.0  | 167.4  | 167.4  | 167.4  | 162.3  | 164.9  | 163.6  | 161.1  | 163.6  |
| 75°   | 147.1  | 142.0  | 139.5  | 135.7  | 137.0  | 135.7  | 134.4  | 130.6  | 130.6  | 131.9  | 133.2  |
| 77.5° | 116.7  | 111.6  | 110.3  | 106.5  | 104.0  | 106.5  | 104.0  | 102.7  | 102.7  | 104.0  | 104.0  |
| 80°   | 86.2   | 83.7   | 79.9   | 79.9   | 79.9   | 78.6   | 78.6   | 78.6   | 77.4   | 76.1   | 77.4   |
| 82.5° | 57.1   | 57.1   | 55.8   | 54.5   | 55.8   | 53.3   | 54.5   | 54.5   | 54.5   | 54.5   | 54.5   |
| 85°   | 36.8   | 35.5   | 35.5   | 34.2   | 34.2   | 34.2   | 35.5   | 33.0   | 33.0   | 34.2   | 34.2   |
| 87.5° | 16.5   | 16.5   | 16.5   | 17.8   | 16.5   | 16.5   | 16.5   | 17.8   | 16.5   | 16.5   | 16.5   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

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**CANDELA DISTRIBUTION (continued):**

|       | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1649.8 | 1649.8 | 1649.8 | 1649.8 | 1649.8 | 1649.8 | 1649.8 | 1649.8 | 1649.8 | 1649.8 | 1649.8 |
| 2.5°  | 1748.7 | 1739.9 | 1732.2 | 1733.5 | 1739.9 | 1734.8 | 1722.1 | 1705.6 | 1699.3 | 1691.7 | 1699.3 |
| 5°    | 1854.0 | 1846.4 | 1831.2 | 1832.4 | 1828.6 | 1823.5 | 1803.3 | 1777.9 | 1777.9 | 1757.6 | 1755.1 |
| 7.5°  | 1958.0 | 1946.6 | 1936.4 | 1933.9 | 1919.9 | 1909.8 | 1892.0 | 1856.5 | 1842.6 | 1818.5 | 1804.5 |
| 10°   | 2074.6 | 2065.8 | 2054.3 | 2040.4 | 2032.8 | 2015.0 | 1985.9 | 1933.9 | 1908.5 | 1875.5 | 1851.4 |
| 12.5° | 2192.6 | 2191.3 | 2165.9 | 2138.0 | 2136.8 | 2108.9 | 2088.6 | 2018.8 | 1984.6 | 1940.2 | 1883.2 |
| 15°   | 2267.4 | 2261.0 | 2247.1 | 2233.2 | 2237.0 | 2206.5 | 2160.9 | 2078.4 | 2055.6 | 2002.4 | 1941.5 |
| 17.5° | 2266.1 | 2266.1 | 2262.3 | 2259.8 | 2256.0 | 2247.1 | 2221.7 | 2167.2 | 2130.4 | 2063.2 | 2006.2 |
| 20°   | 2193.8 | 2210.3 | 2214.1 | 2212.9 | 2225.5 | 2231.9 | 2230.6 | 2196.4 | 2167.2 | 2107.6 | 2049.3 |
| 22.5° | 2049.3 | 2087.3 | 2103.8 | 2113.9 | 2140.6 | 2154.5 | 2187.5 | 2174.8 | 2167.2 | 2122.8 | 2073.4 |
| 25°   | 1914.9 | 1927.5 | 1977.0 | 1979.5 | 2016.3 | 2050.5 | 2083.5 | 2105.1 | 2133.0 | 2116.5 | 2074.6 |
| 27.5° | 1741.1 | 1770.3 | 1805.8 | 1832.4 | 1840.0 | 1909.8 | 1964.3 | 2004.9 | 2068.3 | 2073.4 | 2059.4 |
| 30°   | 1544.6 | 1558.5 | 1616.8 | 1652.4 | 1692.9 | 1743.7 | 1822.3 | 1892.0 | 1949.1 | 2001.1 | 2018.8 |
| 32.5° | 1304.9 | 1362.0 | 1396.2 | 1439.3 | 1474.8 | 1564.9 | 1661.2 | 1751.3 | 1817.2 | 1904.7 | 1942.8 |
| 35°   | 1085.5 | 1129.9 | 1188.2 | 1206.0 | 1270.7 | 1346.7 | 1472.3 | 1587.7 | 1687.9 | 1776.6 | 1854.0 |
| 37.5° | 904.2  | 939.7  | 1001.8 | 1029.7 | 1067.8 | 1165.4 | 1270.7 | 1413.9 | 1534.4 | 1643.5 | 1739.9 |
| 40°   | 779.9  | 806.5  | 853.4  | 862.3  | 894.0  | 982.8  | 1067.8 | 1202.2 | 1362.0 | 1509.1 | 1614.3 |
| 42.5° | 694.9  | 707.6  | 739.3  | 750.7  | 771.0  | 830.6  | 906.7  | 1033.5 | 1181.9 | 1334.1 | 1482.4 |
| 45°   | 634.1  | 642.9  | 662.0  | 672.1  | 697.5  | 724.1  | 786.2  | 887.7  | 1004.3 | 1157.8 | 1317.6 |
| 47.5° | 579.5  | 590.9  | 598.6  | 604.9  | 618.8  | 648.0  | 688.6  | 763.4  | 875.0  | 1015.8 | 1170.5 |
| 50°   | 533.9  | 537.7  | 551.6  | 552.9  | 561.8  | 580.8  | 618.8  | 664.5  | 753.3  | 867.4  | 1017.0 |
| 52.5° | 488.2  | 492.0  | 500.9  | 509.8  | 513.6  | 528.8  | 554.2  | 592.2  | 658.2  | 748.2  | 881.3  |
| 55°   | 442.6  | 447.6  | 456.5  | 462.9  | 466.7  | 479.3  | 494.6  | 531.3  | 583.3  | 646.7  | 755.8  |
| 57.5° | 396.9  | 408.3  | 410.9  | 414.7  | 421.0  | 435.0  | 448.9  | 470.5  | 511.1  | 569.4  | 649.3  |
| 60°   | 353.8  | 357.6  | 366.5  | 370.3  | 376.6  | 384.2  | 402.0  | 418.5  | 447.6  | 493.3  | 565.6  |
| 62.5° | 309.4  | 318.3  | 322.1  | 325.9  | 331.0  | 339.9  | 351.3  | 369.0  | 394.4  | 431.2  | 488.2  |
| 65°   | 271.4  | 272.6  | 280.3  | 285.3  | 290.4  | 296.7  | 308.2  | 324.6  | 339.9  | 374.1  | 415.9  |
| 67.5° | 234.6  | 237.1  | 239.7  | 244.7  | 251.1  | 257.4  | 267.6  | 276.4  | 295.5  | 318.3  | 351.3  |
| 70°   | 199.1  | 199.1  | 205.4  | 209.2  | 208.0  | 215.6  | 223.2  | 233.3  | 247.3  | 268.8  | 295.5  |
| 72.5° | 167.4  | 166.1  | 171.2  | 172.5  | 175.0  | 180.1  | 185.1  | 195.3  | 202.9  | 219.4  | 239.7  |
| 75°   | 133.2  | 135.7  | 138.2  | 138.2  | 142.0  | 145.8  | 150.9  | 156.0  | 164.9  | 175.0  | 190.2  |
| 77.5° | 105.3  | 105.3  | 107.8  | 109.1  | 112.9  | 111.6  | 116.7  | 121.7  | 128.1  | 137.0  | 148.4  |
| 80°   | 77.4   | 79.9   | 79.9   | 79.9   | 81.2   | 82.4   | 87.5   | 91.3   | 95.1   | 101.4  | 106.5  |
| 82.5° | 54.5   | 54.5   | 57.1   | 57.1   | 57.1   | 59.6   | 59.6   | 60.9   | 63.4   | 67.2   | 71.0   |
| 85°   | 34.2   | 34.2   | 34.2   | 35.5   | 34.2   | 35.5   | 38.0   | 36.8   | 38.0   | 40.6   | 40.6   |
| 87.5° | 16.5   | 16.5   | 16.5   | 16.5   | 16.5   | 17.8   | 16.5   | 17.8   | 19.0   | 19.0   | 19.0   |
| 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: S122DR-B865DB50-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|       | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1649.8 | 1649.8 | 1649.8 | 1649.8 | 1649.8 | 1649.8 | 1649.8 | 1649.8 | 1649.8 | 1649.8 | 1649.8 |
| 2.5°  | 1692.9 | 1686.6 | 1682.8 | 1685.3 | 1677.7 | 1658.7 | 1658.7 | 1665.0 | 1657.4 | 1649.8 | 1638.4 |
| 5°    | 1739.9 | 1727.2 | 1719.6 | 1718.3 | 1700.5 | 1670.1 | 1663.8 | 1657.4 | 1640.9 | 1623.2 | 1604.2 |
| 7.5°  | 1785.5 | 1762.7 | 1750.0 | 1741.1 | 1715.8 | 1676.4 | 1660.0 | 1646.0 | 1619.4 | 1592.8 | 1568.7 |
| 10°   | 1823.5 | 1790.6 | 1775.4 | 1761.4 | 1728.4 | 1679.0 | 1652.4 | 1627.0 | 1592.8 | 1558.5 | 1528.1 |
| 12.5° | 1854.0 | 1815.9 | 1796.9 | 1776.6 | 1736.0 | 1671.4 | 1638.4 | 1597.8 | 1563.6 | 1517.9 | 1487.5 |
| 15°   | 1904.7 | 1826.1 | 1808.3 | 1789.3 | 1747.5 | 1658.7 | 1618.1 | 1572.5 | 1525.5 | 1464.7 | 1431.7 |
| 17.5° | 1945.3 | 1840.0 | 1838.8 | 1798.2 | 1743.7 | 1653.6 | 1591.5 | 1531.9 | 1481.2 | 1420.3 | 1368.3 |
| 20°   | 1969.4 | 1861.6 | 1841.3 | 1799.5 | 1731.0 | 1619.4 | 1554.7 | 1488.8 | 1434.2 | 1360.7 | 1308.7 |
| 22.5° | 1989.7 | 1892.0 | 1838.8 | 1788.0 | 1704.3 | 1608.0 | 1512.9 | 1450.7 | 1375.9 | 1296.0 | 1246.6 |
| 25°   | 1997.3 | 1898.4 | 1842.6 | 1784.2 | 1685.3 | 1575.0 | 1467.2 | 1400.0 | 1316.3 | 1244.0 | 1176.8 |
| 27.5° | 1998.5 | 1897.1 | 1828.6 | 1767.8 | 1658.7 | 1531.9 | 1421.6 | 1350.5 | 1258.0 | 1174.3 | 1107.1 |
| 30°   | 1985.9 | 1883.2 | 1821.0 | 1755.1 | 1633.3 | 1492.6 | 1365.8 | 1287.1 | 1188.2 | 1104.5 | 1034.8 |
| 32.5° | 1947.8 | 1855.3 | 1804.5 | 1732.2 | 1600.4 | 1438.0 | 1312.5 | 1225.0 | 1121.0 | 1038.6 | 971.4  |
| 35°   | 1884.4 | 1821.0 | 1765.2 | 1698.0 | 1557.2 | 1387.3 | 1259.2 | 1156.5 | 1051.3 | 972.6  | 909.2  |
| 37.5° | 1805.8 | 1771.6 | 1719.6 | 1653.6 | 1507.8 | 1341.7 | 1199.6 | 1085.5 | 980.3  | 904.2  | 842.0  |
| 40°   | 1699.3 | 1708.2 | 1657.4 | 1597.8 | 1449.5 | 1279.5 | 1122.3 | 1013.2 | 914.3  | 843.3  | 782.4  |
| 42.5° | 1583.9 | 1620.7 | 1591.5 | 1534.4 | 1384.8 | 1211.0 | 1065.2 | 944.7  | 848.4  | 774.8  | 724.1  |
| 45°   | 1459.6 | 1523.0 | 1505.3 | 1463.4 | 1317.6 | 1138.8 | 984.1  | 867.4  | 782.4  | 711.4  | 667.0  |
| 47.5° | 1323.9 | 1413.9 | 1413.9 | 1383.5 | 1242.8 | 1066.5 | 914.3  | 795.1  | 711.4  | 660.7  | 617.6  |
| 50°   | 1185.7 | 1287.1 | 1303.6 | 1283.3 | 1159.1 | 984.1  | 829.3  | 721.6  | 649.3  | 599.8  | 568.1  |
| 52.5° | 1041.1 | 1159.1 | 1189.5 | 1179.3 | 1070.3 | 905.4  | 759.6  | 654.3  | 588.4  | 545.3  | 517.4  |
| 55°   | 902.9  | 1039.9 | 1072.8 | 1076.6 | 975.2  | 819.2  | 682.2  | 589.7  | 526.3  | 497.1  | 473.0  |
| 57.5° | 772.3  | 904.2  | 940.9  | 947.3  | 878.8  | 740.6  | 610.0  | 528.8  | 471.7  | 447.6  | 428.6  |
| 60°   | 660.7  | 771.0  | 819.2  | 833.2  | 773.6  | 649.3  | 542.8  | 464.1  | 421.0  | 398.2  | 380.4  |
| 62.5° | 569.4  | 658.2  | 708.9  | 712.7  | 686.1  | 569.4  | 473.0  | 407.1  | 370.3  | 350.0  | 341.1  |
| 65°   | 480.6  | 560.5  | 590.9  | 606.2  | 584.6  | 493.3  | 408.3  | 353.8  | 324.6  | 306.9  | 298.0  |
| 67.5° | 409.6  | 460.3  | 485.7  | 506.0  | 484.4  | 415.9  | 347.5  | 303.1  | 281.5  | 263.8  | 258.7  |
| 70°   | 336.1  | 377.9  | 396.9  | 417.2  | 398.2  | 346.2  | 296.7  | 256.2  | 237.1  | 223.2  | 216.8  |
| 72.5° | 268.8  | 301.8  | 319.6  | 332.2  | 320.8  | 277.7  | 237.1  | 209.2  | 195.3  | 185.1  | 181.3  |
| 75°   | 213.0  | 235.9  | 246.0  | 254.9  | 249.8  | 216.8  | 191.5  | 168.7  | 156.0  | 147.1  | 144.6  |
| 77.5° | 162.3  | 178.8  | 190.2  | 192.8  | 186.4  | 164.9  | 143.3  | 129.3  | 119.2  | 114.1  | 111.6  |
| 80°   | 115.4  | 125.5  | 131.9  | 135.7  | 129.3  | 120.5  | 105.3  | 95.1   | 86.2   | 79.9   | 78.6   |
| 82.5° | 77.4   | 82.4   | 87.5   | 86.2   | 83.7   | 76.1   | 67.2   | 62.1   | 58.3   | 53.3   | 53.3   |
| 85°   | 44.4   | 45.7   | 48.2   | 49.5   | 48.2   | 43.1   | 38.0   | 35.5   | 33.0   | 29.2   | 29.2   |
| 87.5° | 19.0   | 20.3   | 20.3   | 21.6   | 19.0   | 19.0   | 16.5   | 13.9   | 13.9   | 12.7   | 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: P987565

CATALOG NUMBER: S122DR-B865DB50-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|       | 200°   | 202.5° | 205°   | 210°   | 215°   | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1649.8 | 1649.8 | 1649.8 | 1649.8 | 1649.8 | 1649.8 | 1649.8 | 1649.8 | 1649.8 | 1649.8 | 1649.8 |
| 2.5°  | 1632.1 | 1638.4 | 1637.1 | 1624.5 | 1610.5 | 1599.1 | 1577.5 | 1580.1 | 1572.5 | 1573.7 | 1581.3 |
| 5°    | 1591.5 | 1591.5 | 1586.4 | 1568.7 | 1545.8 | 1533.2 | 1509.1 | 1502.7 | 1487.5 | 1486.2 | 1485.0 |
| 7.5°  | 1548.4 | 1542.0 | 1535.7 | 1510.3 | 1482.4 | 1462.1 | 1429.2 | 1421.6 | 1406.3 | 1396.2 | 1391.1 |
| 10°   | 1497.6 | 1488.8 | 1476.1 | 1446.9 | 1412.7 | 1387.3 | 1353.1 | 1342.9 | 1313.8 | 1301.1 | 1293.5 |
| 12.5° | 1441.8 | 1436.8 | 1416.5 | 1392.4 | 1336.6 | 1308.7 | 1259.2 | 1269.4 | 1240.2 | 1214.9 | 1211.0 |
| 15°   | 1386.0 | 1367.0 | 1355.6 | 1316.3 | 1249.1 | 1236.4 | 1197.1 | 1176.8 | 1150.2 | 1129.9 | 1129.9 |
| 17.5° | 1331.5 | 1302.4 | 1277.0 | 1235.1 | 1185.7 | 1150.2 | 1121.0 | 1110.9 | 1077.9 | 1057.6 | 1053.8 |
| 20°   | 1259.2 | 1226.3 | 1219.9 | 1160.3 | 1126.1 | 1086.8 | 1058.9 | 1033.5 | 1009.4 | 1000.5 | 994.2  |
| 22.5° | 1190.8 | 1152.7 | 1142.6 | 1091.8 | 1057.6 | 1018.3 | 990.4  | 972.6  | 954.9  | 948.5  | 937.1  |
| 25°   | 1117.2 | 1094.4 | 1079.2 | 1024.6 | 986.6  | 949.8  | 930.8  | 918.1  | 901.6  | 900.4  | 892.8  |
| 27.5° | 1046.2 | 1024.6 | 1009.4 | 957.4  | 929.5  | 895.3  | 880.1  | 866.1  | 857.2  | 853.4  | 849.6  |
| 30°   | 985.3  | 961.2  | 943.5  | 905.4  | 871.2  | 843.3  | 830.6  | 821.7  | 816.7  | 810.3  | 809.1  |
| 32.5° | 918.1  | 904.2  | 880.1  | 850.9  | 824.3  | 797.6  | 790.0  | 783.7  | 776.1  | 773.6  | 772.3  |
| 35°   | 861.1  | 842.0  | 826.8  | 793.8  | 782.4  | 759.6  | 750.7  | 745.7  | 735.5  | 733.0  | 730.4  |
| 37.5° | 805.3  | 787.5  | 771.0  | 750.7  | 729.2  | 716.5  | 711.4  | 703.8  | 698.7  | 700.0  | 697.5  |
| 40°   | 749.5  | 735.5  | 722.8  | 701.3  | 688.6  | 682.2  | 672.1  | 664.5  | 662.0  | 663.2  | 662.0  |
| 42.5° | 694.9  | 682.2  | 674.6  | 658.2  | 645.5  | 639.1  | 632.8  | 625.2  | 629.0  | 629.0  | 632.8  |
| 45°   | 645.5  | 634.1  | 629.0  | 616.3  | 608.7  | 598.6  | 592.2  | 590.9  | 596.0  | 594.7  | 594.7  |
| 47.5° | 594.7  | 590.9  | 584.6  | 573.2  | 563.0  | 556.7  | 555.4  | 555.4  | 560.5  | 563.0  | 561.8  |
| 50°   | 555.4  | 547.8  | 540.2  | 531.3  | 523.7  | 521.2  | 517.4  | 519.9  | 525.0  | 525.0  | 527.5  |
| 52.5° | 506.0  | 500.9  | 498.4  | 490.8  | 485.7  | 485.7  | 485.7  | 487.0  | 490.8  | 494.6  | 493.3  |
| 55°   | 462.9  | 459.1  | 456.5  | 452.7  | 446.4  | 447.6  | 446.4  | 448.9  | 452.7  | 456.5  | 459.1  |
| 57.5° | 417.2  | 415.9  | 413.4  | 407.1  | 407.1  | 405.8  | 409.6  | 410.9  | 417.2  | 419.7  | 423.6  |
| 60°   | 376.6  | 372.8  | 372.8  | 367.8  | 367.8  | 367.8  | 371.6  | 375.4  | 380.4  | 381.7  | 384.2  |
| 62.5° | 333.5  | 333.5  | 332.2  | 328.4  | 328.4  | 332.2  | 333.5  | 338.6  | 341.1  | 341.1  | 344.9  |
| 65°   | 292.9  | 291.7  | 290.4  | 291.7  | 292.9  | 292.9  | 296.7  | 299.3  | 301.8  | 303.1  | 304.3  |
| 67.5° | 252.4  | 251.1  | 253.6  | 252.4  | 254.9  | 260.0  | 258.7  | 262.5  | 266.3  | 266.3  | 267.6  |
| 70°   | 214.3  | 216.8  | 215.6  | 218.1  | 216.8  | 219.4  | 223.2  | 224.5  | 224.5  | 225.7  | 229.5  |
| 72.5° | 178.8  | 178.8  | 178.8  | 177.5  | 178.8  | 181.3  | 183.9  | 185.1  | 187.7  | 188.9  | 192.8  |
| 75°   | 144.6  | 144.6  | 142.0  | 144.6  | 144.6  | 147.1  | 149.6  | 149.6  | 149.6  | 152.2  | 156.0  |
| 77.5° | 109.1  | 110.3  | 109.1  | 111.6  | 111.6  | 112.9  | 115.4  | 114.1  | 116.7  | 117.9  | 119.2  |
| 80°   | 79.9   | 78.6   | 78.6   | 78.6   | 79.9   | 79.9   | 82.4   | 83.7   | 83.7   | 87.5   | 85.0   |
| 82.5° | 50.7   | 52.0   | 50.7   | 52.0   | 52.0   | 53.3   | 52.0   | 53.3   | 54.5   | 57.1   | 55.8   |
| 85°   | 29.2   | 27.9   | 27.9   | 29.2   | 27.9   | 27.9   | 29.2   | 27.9   | 29.2   | 27.9   | 29.2   |
| 87.5° | 11.4   | 10.1   | 10.1   | 10.1   | 10.1   | 8.9    | 8.9    | 7.6    | 7.6    | 7.6    | 6.3    |
| 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):**

|       | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1649.8 | 1649.8 | 1649.8 | 1649.8 | 1649.8 | 1649.8 | 1649.8 | 1649.8 | 1649.8 | 1649.8 | 1649.8 |
| 2.5°  | 1572.5 | 1576.3 | 1567.4 | 1564.9 | 1567.4 | 1558.5 | 1561.0 | 1563.6 | 1563.6 | 1567.4 | 1569.9 |
| 5°    | 1481.2 | 1476.1 | 1467.2 | 1464.7 | 1462.1 | 1465.9 | 1463.4 | 1467.2 | 1468.5 | 1477.4 | 1478.6 |
| 7.5°  | 1391.1 | 1383.5 | 1375.9 | 1368.3 | 1365.8 | 1359.4 | 1365.8 | 1365.8 | 1374.6 | 1372.1 | 1378.4 |
| 10°   | 1284.6 | 1283.3 | 1273.2 | 1269.4 | 1264.3 | 1254.2 | 1268.1 | 1264.3 | 1270.7 | 1282.1 | 1284.6 |
| 12.5° | 1206.0 | 1192.0 | 1198.4 | 1180.6 | 1187.0 | 1176.8 | 1178.1 | 1178.1 | 1188.2 | 1189.5 | 1187.0 |
| 15°   | 1131.2 | 1119.7 | 1103.3 | 1095.7 | 1091.8 | 1086.8 | 1103.3 | 1104.5 | 1096.9 | 1114.7 | 1108.3 |
| 17.5° | 1055.1 | 1055.1 | 1039.9 | 1036.0 | 1025.9 | 1031.0 | 1028.4 | 1029.7 | 1027.2 | 1039.9 | 1046.2 |
| 20°   | 989.1  | 982.8  | 977.7  | 979.0  | 966.3  | 963.8  | 961.2  | 963.8  | 972.6  | 981.5  | 984.1  |
| 22.5° | 935.9  | 932.1  | 919.4  | 921.9  | 911.8  | 915.6  | 913.0  | 919.4  | 920.7  | 920.7  | 929.5  |
| 25°   | 885.1  | 880.1  | 881.3  | 876.3  | 872.5  | 872.5  | 868.7  | 872.5  | 877.5  | 880.1  | 881.3  |
| 27.5° | 847.1  | 843.3  | 837.0  | 833.2  | 835.7  | 829.3  | 834.4  | 838.2  | 838.2  | 835.7  | 838.2  |
| 30°   | 801.4  | 804.0  | 804.0  | 791.3  | 796.4  | 793.8  | 797.6  | 800.2  | 800.2  | 801.4  | 798.9  |
| 32.5° | 771.0  | 763.4  | 762.1  | 760.9  | 760.9  | 755.8  | 755.8  | 759.6  | 760.9  | 762.1  | 765.9  |
| 35°   | 730.4  | 730.4  | 724.1  | 727.9  | 722.8  | 724.1  | 722.8  | 724.1  | 726.6  | 722.8  | 726.6  |
| 37.5° | 693.7  | 694.9  | 692.4  | 694.9  | 696.2  | 693.7  | 691.1  | 696.2  | 693.7  | 693.7  | 691.1  |
| 40°   | 662.0  | 660.7  | 662.0  | 662.0  | 662.0  | 663.2  | 660.7  | 660.7  | 660.7  | 658.2  | 655.6  |
| 42.5° | 635.3  | 627.7  | 630.3  | 631.5  | 627.7  | 627.7  | 629.0  | 627.7  | 631.5  | 623.9  | 623.9  |
| 45°   | 597.3  | 594.7  | 596.0  | 596.0  | 598.6  | 594.7  | 597.3  | 598.6  | 594.7  | 593.5  | 590.9  |
| 47.5° | 563.0  | 565.6  | 563.0  | 565.6  | 565.6  | 568.1  | 563.0  | 564.3  | 565.6  | 560.5  | 556.7  |
| 50°   | 528.8  | 528.8  | 532.6  | 531.3  | 532.6  | 530.1  | 530.1  | 528.8  | 530.1  | 527.5  | 523.7  |
| 52.5° | 497.1  | 493.3  | 499.6  | 498.4  | 497.1  | 495.8  | 494.6  | 495.8  | 493.3  | 490.8  | 490.8  |
| 55°   | 457.8  | 457.8  | 461.6  | 462.9  | 462.9  | 460.3  | 457.8  | 459.1  | 457.8  | 456.5  | 455.3  |
| 57.5° | 426.1  | 421.0  | 423.6  | 424.8  | 424.8  | 421.0  | 423.6  | 421.0  | 421.0  | 422.3  | 418.5  |
| 60°   | 385.5  | 385.5  | 383.0  | 386.8  | 386.8  | 384.2  | 384.2  | 385.5  | 383.0  | 381.7  | 380.4  |
| 62.5° | 342.4  | 343.7  | 347.5  | 348.7  | 350.0  | 347.5  | 344.9  | 346.2  | 346.2  | 342.4  | 343.7  |
| 65°   | 305.6  | 308.2  | 313.2  | 312.0  | 309.4  | 310.7  | 308.2  | 309.4  | 305.6  | 306.9  | 303.1  |
| 67.5° | 270.1  | 268.8  | 270.1  | 270.1  | 272.6  | 271.4  | 268.8  | 268.8  | 267.6  | 271.4  | 267.6  |
| 70°   | 232.1  | 232.1  | 232.1  | 232.1  | 233.3  | 234.6  | 232.1  | 229.5  | 230.8  | 228.3  | 227.0  |
| 72.5° | 192.8  | 194.0  | 192.8  | 195.3  | 191.5  | 194.0  | 194.0  | 192.8  | 191.5  | 191.5  | 191.5  |
| 75°   | 156.0  | 158.5  | 154.7  | 156.0  | 154.7  | 157.2  | 156.0  | 156.0  | 153.4  | 152.2  | 153.4  |
| 77.5° | 119.2  | 120.5  | 117.9  | 119.2  | 117.9  | 119.2  | 119.2  | 117.9  | 117.9  | 117.9  | 117.9  |
| 80°   | 85.0   | 86.2   | 85.0   | 83.7   | 82.4   | 85.0   | 82.4   | 83.7   | 85.0   | 83.7   | 86.2   |
| 82.5° | 54.5   | 54.5   | 53.3   | 54.5   | 52.0   | 52.0   | 53.3   | 53.3   | 52.0   | 54.5   | 52.0   |
| 85°   | 26.6   | 26.6   | 29.2   | 26.6   | 25.4   | 25.4   | 25.4   | 26.6   | 25.4   | 27.9   | 26.6   |
| 87.5° | 6.3    | 5.1    | 6.3    | 6.3    | 5.1    | 5.1    | 6.3    | 5.1    | 6.3    | 7.6    | 5.1    |
| 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: P987565

CATALOG NUMBER: S122DR-B865DB50-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|       | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 337.5° | 340°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1649.8 | 1649.8 | 1649.8 | 1649.8 | 1649.8 | 1649.8 | 1649.8 | 1649.8 | 1649.8 | 1649.8 | 1649.8 |
| 2.5°  | 1566.1 | 1576.3 | 1572.5 | 1558.5 | 1575.0 | 1575.0 | 1586.4 | 1586.4 | 1600.4 | 1605.4 | 1613.0 |
| 5°    | 1477.4 | 1485.0 | 1491.3 | 1485.0 | 1496.4 | 1514.1 | 1524.3 | 1533.2 | 1552.2 | 1559.8 | 1571.2 |
| 7.5°  | 1382.2 | 1396.2 | 1402.5 | 1402.5 | 1421.6 | 1441.8 | 1462.1 | 1474.8 | 1501.4 | 1511.6 | 1523.0 |
| 10°   | 1289.7 | 1306.2 | 1318.8 | 1317.6 | 1349.3 | 1362.0 | 1387.3 | 1416.5 | 1443.1 | 1458.3 | 1474.8 |
| 12.5° | 1192.0 | 1200.9 | 1218.7 | 1244.0 | 1251.6 | 1274.5 | 1303.6 | 1340.4 | 1388.6 | 1402.5 | 1426.6 |
| 15°   | 1110.9 | 1135.0 | 1148.9 | 1160.3 | 1178.1 | 1199.6 | 1231.3 | 1266.8 | 1315.0 | 1345.5 | 1370.8 |
| 17.5° | 1042.4 | 1074.1 | 1083.0 | 1080.4 | 1103.3 | 1136.2 | 1173.0 | 1199.6 | 1242.8 | 1279.5 | 1303.6 |
| 20°   | 986.6  | 999.3  | 1014.5 | 1020.8 | 1038.6 | 1074.1 | 1109.6 | 1140.0 | 1175.5 | 1204.7 | 1232.6 |
| 22.5° | 930.8  | 940.9  | 953.6  | 965.0  | 979.0  | 999.3  | 1033.5 | 1071.6 | 1105.8 | 1133.7 | 1165.4 |
| 25°   | 885.1  | 891.5  | 902.9  | 911.8  | 927.0  | 940.9  | 965.0  | 1006.9 | 1047.5 | 1063.9 | 1091.8 |
| 27.5° | 840.8  | 845.8  | 853.4  | 863.6  | 871.2  | 885.1  | 906.7  | 940.9  | 982.8  | 999.3  | 1037.3 |
| 30°   | 801.4  | 805.3  | 812.9  | 817.9  | 821.7  | 838.2  | 854.7  | 881.3  | 913.0  | 935.9  | 963.8  |
| 32.5° | 764.7  | 768.5  | 776.1  | 777.4  | 782.4  | 791.3  | 806.5  | 830.6  | 858.5  | 877.5  | 901.6  |
| 35°   | 724.1  | 726.6  | 734.2  | 736.8  | 740.6  | 748.2  | 759.6  | 777.4  | 802.7  | 816.7  | 838.2  |
| 37.5° | 692.4  | 691.1  | 696.2  | 700.0  | 705.1  | 708.9  | 712.7  | 730.4  | 749.5  | 762.1  | 778.6  |
| 40°   | 658.2  | 655.6  | 656.9  | 662.0  | 664.5  | 669.6  | 669.6  | 687.3  | 700.0  | 710.1  | 722.8  |
| 42.5° | 623.9  | 622.6  | 620.1  | 622.6  | 625.2  | 626.4  | 627.7  | 640.4  | 653.1  | 662.0  | 675.9  |
| 45°   | 589.7  | 588.4  | 585.9  | 587.1  | 587.1  | 589.7  | 593.5  | 598.6  | 607.4  | 615.0  | 622.6  |
| 47.5° | 558.0  | 555.4  | 551.6  | 550.4  | 552.9  | 552.9  | 552.9  | 558.0  | 566.8  | 569.4  | 577.0  |
| 50°   | 525.0  | 521.2  | 516.1  | 513.6  | 513.6  | 512.3  | 514.9  | 516.1  | 523.7  | 526.3  | 532.6  |
| 52.5° | 489.5  | 487.0  | 481.9  | 476.8  | 478.1  | 475.5  | 476.8  | 478.1  | 480.6  | 484.4  | 488.2  |
| 55°   | 454.0  | 448.9  | 445.1  | 443.8  | 440.0  | 440.0  | 436.2  | 441.3  | 440.0  | 441.3  | 446.4  |
| 57.5° | 419.7  | 414.7  | 408.3  | 405.8  | 402.0  | 400.7  | 398.2  | 396.9  | 398.2  | 402.0  | 405.8  |
| 60°   | 379.2  | 376.6  | 372.8  | 369.0  | 366.5  | 362.7  | 360.1  | 360.1  | 358.9  | 358.9  | 360.1  |
| 62.5° | 339.9  | 338.6  | 333.5  | 332.2  | 329.7  | 327.2  | 323.4  | 320.8  | 320.8  | 323.4  | 324.6  |
| 65°   | 301.8  | 300.5  | 296.7  | 295.5  | 289.1  | 286.6  | 285.3  | 284.1  | 281.5  | 281.5  | 281.5  |
| 67.5° | 266.3  | 262.5  | 262.5  | 256.2  | 251.1  | 248.6  | 246.0  | 244.7  | 244.7  | 244.7  | 246.0  |
| 70°   | 227.0  | 227.0  | 223.2  | 219.4  | 214.3  | 215.6  | 211.8  | 208.0  | 208.0  | 205.4  | 206.7  |
| 72.5° | 188.9  | 187.7  | 183.9  | 182.6  | 178.8  | 175.0  | 172.5  | 175.0  | 171.2  | 169.9  | 171.2  |
| 75°   | 152.2  | 150.9  | 148.4  | 145.8  | 147.1  | 143.3  | 139.5  | 138.2  | 138.2  | 135.7  | 135.7  |
| 77.5° | 116.7  | 119.2  | 114.1  | 112.9  | 110.3  | 107.8  | 106.5  | 105.3  | 105.3  | 105.3  | 107.8  |
| 80°   | 81.2   | 82.4   | 82.4   | 79.9   | 81.2   | 77.4   | 77.4   | 77.4   | 73.6   | 74.8   | 76.1   |
| 82.5° | 52.0   | 52.0   | 50.7   | 52.0   | 50.7   | 50.7   | 49.5   | 49.5   | 48.2   | 48.2   | 49.5   |
| 85°   | 29.2   | 27.9   | 26.6   | 29.2   | 27.9   | 27.9   | 26.6   | 26.6   | 26.6   | 26.6   | 26.6   |
| 87.5° | 6.3    | 7.6    | 7.6    | 7.6    | 7.6    | 8.9    | 8.9    | 8.9    | 10.1   | 10.1   | 10.1   |
| 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: P987565

CATALOG NUMBER: S122DR-B865DB50-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|       | 345°   | 350°   | 355°   | 360°   |
|-------|--------|--------|--------|--------|
| 0°    | 1649.8 | 1649.8 | 1649.8 | 1649.8 |
| 2.5°  | 1619.4 | 1619.4 | 1638.4 | 1658.7 |
| 5°    | 1583.9 | 1592.8 | 1623.2 | 1651.1 |
| 7.5°  | 1549.6 | 1564.9 | 1602.9 | 1638.4 |
| 10°   | 1507.8 | 1528.1 | 1575.0 | 1616.8 |
| 12.5° | 1467.2 | 1486.2 | 1540.8 | 1587.7 |
| 15°   | 1410.1 | 1434.2 | 1492.6 | 1550.9 |
| 17.5° | 1353.1 | 1377.2 | 1448.2 | 1516.7 |
| 20°   | 1285.9 | 1317.6 | 1397.5 | 1488.8 |
| 22.5° | 1223.7 | 1263.0 | 1351.8 | 1425.4 |
| 25°   | 1155.3 | 1216.1 | 1298.5 | 1393.7 |
| 27.5° | 1094.4 | 1155.3 | 1238.9 | 1335.3 |
| 30°   | 1025.9 | 1088.0 | 1174.3 | 1263.0 |
| 32.5° | 960.0  | 1017.0 | 1100.7 | 1209.8 |
| 35°   | 891.5  | 946.0  | 1027.2 | 1137.5 |
| 37.5° | 829.3  | 882.6  | 971.4  | 1072.8 |
| 40°   | 768.5  | 824.3  | 900.4  | 1001.8 |
| 42.5° | 711.4  | 760.9  | 829.3  | 930.8  |
| 45°   | 659.4  | 694.9  | 758.3  | 853.4  |
| 47.5° | 604.9  | 636.6  | 694.9  | 790.0  |
| 50°   | 554.2  | 580.8  | 631.5  | 720.3  |
| 52.5° | 504.7  | 527.5  | 574.5  | 645.5  |
| 55°   | 460.3  | 481.9  | 516.1  | 585.9  |
| 57.5° | 414.7  | 431.2  | 464.1  | 519.9  |
| 60°   | 370.3  | 385.5  | 412.1  | 457.8  |
| 62.5° | 325.9  | 338.6  | 363.9  | 400.7  |
| 65°   | 286.6  | 296.7  | 315.8  | 347.5  |
| 67.5° | 248.6  | 254.9  | 270.1  | 295.5  |
| 70°   | 211.8  | 216.8  | 229.5  | 249.8  |
| 72.5° | 172.5  | 177.5  | 191.5  | 205.4  |
| 75°   | 139.5  | 140.8  | 150.9  | 162.3  |
| 77.5° | 109.1  | 107.8  | 115.4  | 124.3  |
| 80°   | 74.8   | 78.6   | 85.0   | 88.8   |
| 82.5° | 50.7   | 52.0   | 54.5   | 57.1   |
| 85°   | 27.9   | 29.2   | 29.2   | 33.0   |
| 87.5° | 11.4   | 12.7   | 12.7   | 13.9   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    |

(END OF REPORT)