

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: P997118

Luminaire Tested: S125RDRP-B850DB2750-4F0-XX-W2A-A\_2700K

Issue Date: 5/2/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P997118  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1802-639-32)  
Test Lab: INNOVATION CENTER  
Issue Date: 5/2/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: S125RDRP-B850DB2750-4F0-XX-W2A-A\_2700K  
Description: Define 5 Regressed Direct Perimeter with 2700K BioUP LEDs {m-DER=0.473} {m-EER=0.52}  
Light Source: -  
Ballast/Driver: -

**Summary**

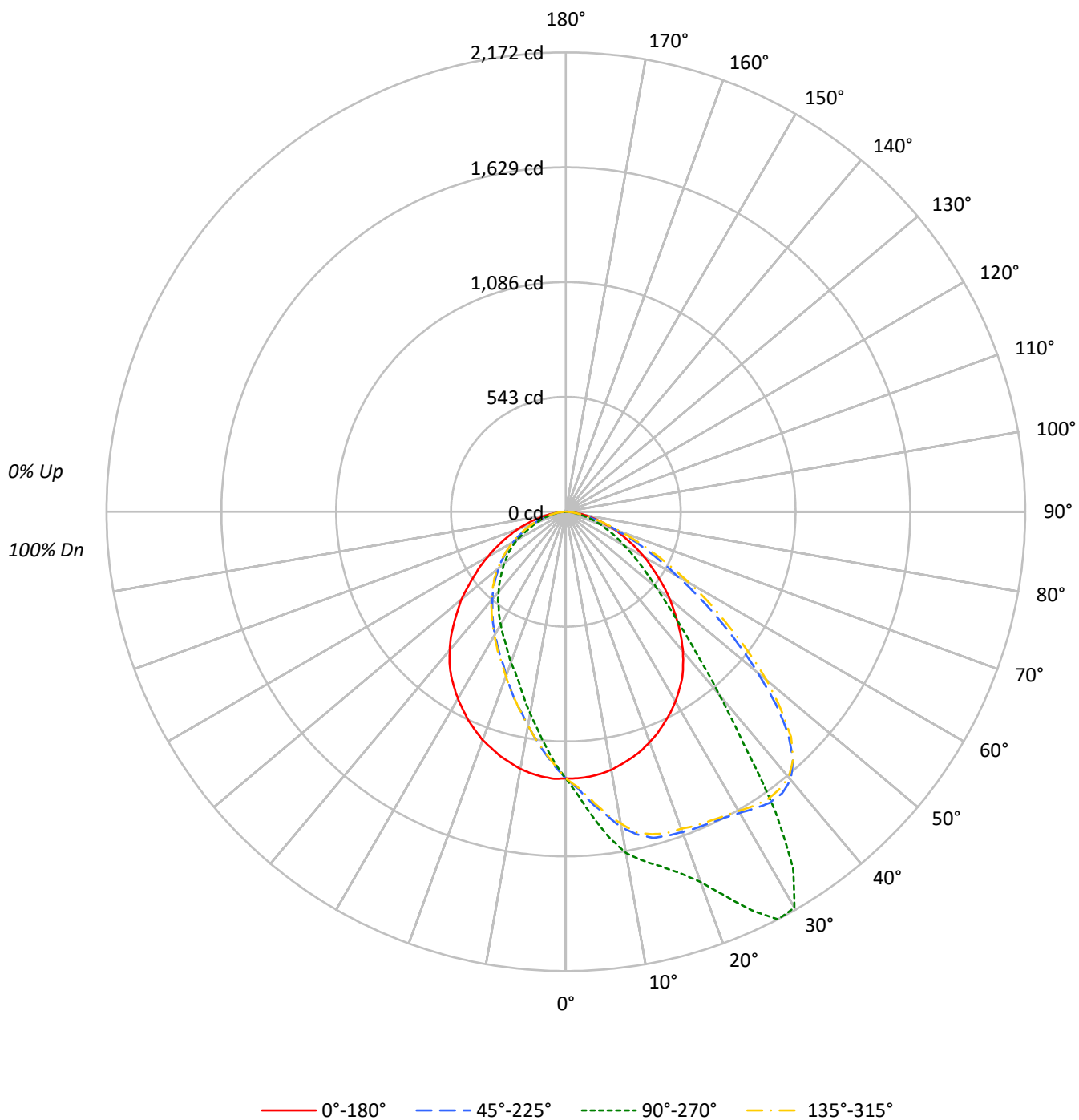
Lumens per Lamp: N/A  
Luminaire Lumens: 3266.0 lumens  
Efficiency: N/A  
Efficacy: 91.0 lumens/watt  
Spacing Criteria (0/90/45): 1.21 / 1.4 / 1.47  
Luminous Opening: Rectangular (W 0.42' x L: 4' x H: 0')  
CIE Type: Direct

Input Watts (W): 35.9  
Input Voltage (V): 120  
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

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### Luminous Intensity Polar Plot





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### COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

|     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |   |  |  |  |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|---|--|--|--|
| RF  | 20  |     |     |     | 20  |     |     |     | 20  |     |     |     | 20  |     |     |     | 20  |     |    |    |   |  |  |  |
| RC  | 80  |     |     |     | 70  |     |     |     | 50  |     |     |     | 30  |     |     |     | 10  |     |    |    | 0 |  |  |  |
| RW  | 70  | 50  | 30  | 10  | 70  | 50  | 30  | 10  | 50  | 30  | 10  | 50  | 30  | 10  | 50  | 30  | 10  | 50  | 30 | 10 | 0 |  |  |  |
| RCR |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |   |  |  |  |
| 0   | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 |    |    |   |  |  |  |
| 1   | 110 | 106 | 102 | 98  | 107 | 103 | 100 | 97  | 99  | 96  | 94  | 95  | 93  | 91  | 92  | 90  | 88  | 86  |    |    |   |  |  |  |
| 2   | 101 | 93  | 87  | 82  | 98  | 91  | 86  | 81  | 88  | 83  | 79  | 85  | 81  | 77  | 82  | 78  | 75  | 73  |    |    |   |  |  |  |
| 3   | 92  | 83  | 75  | 69  | 90  | 81  | 74  | 69  | 78  | 72  | 67  | 76  | 70  | 66  | 73  | 69  | 65  | 63  |    |    |   |  |  |  |
| 4   | 85  | 74  | 66  | 59  | 83  | 73  | 65  | 59  | 70  | 63  | 58  | 68  | 62  | 57  | 66  | 61  | 57  | 55  |    |    |   |  |  |  |
| 5   | 79  | 66  | 58  | 52  | 77  | 65  | 57  | 51  | 63  | 56  | 51  | 61  | 55  | 50  | 60  | 54  | 50  | 48  |    |    |   |  |  |  |
| 6   | 73  | 60  | 52  | 45  | 71  | 59  | 51  | 45  | 57  | 50  | 45  | 56  | 49  | 44  | 54  | 49  | 44  | 42  |    |    |   |  |  |  |
| 7   | 68  | 55  | 46  | 40  | 66  | 54  | 46  | 40  | 52  | 45  | 40  | 51  | 44  | 40  | 50  | 44  | 39  | 37  |    |    |   |  |  |  |
| 8   | 63  | 50  | 42  | 36  | 61  | 49  | 42  | 36  | 48  | 41  | 36  | 47  | 40  | 36  | 46  | 40  | 35  | 34  |    |    |   |  |  |  |
| 9   | 59  | 46  | 38  | 33  | 58  | 45  | 38  | 33  | 44  | 37  | 32  | 43  | 37  | 32  | 42  | 36  | 32  | 30  |    |    |   |  |  |  |
| 10  | 55  | 42  | 35  | 30  | 54  | 42  | 35  | 30  | 41  | 34  | 30  | 40  | 34  | 29  | 39  | 33  | 29  | 28  |    |    |   |  |  |  |

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

|     | 0°   | 90°   | 180° | 270° |
|-----|------|-------|------|------|
| 0°  | 8077 | 8077  | 8077 | 8077 |
| 5°  | 8088 | 9292  | 8088 | 7142 |
| 10° | 8060 | 10659 | 8033 | 6303 |
| 15° | 7991 | 11513 | 7936 | 5602 |
| 20° | 7904 | 12695 | 7833 | 5172 |
| 25° | 7785 | 14692 | 7697 | 4800 |
| 30° | 7665 | 15988 | 7550 | 4556 |
| 35° | 7504 | 13487 | 7399 | 4331 |
| 40° | 7202 | 9419  | 7142 | 4138 |
| 45° | 6799 | 6987  | 6789 | 3948 |
| 50° | 6386 | 5571  | 6417 | 3786 |
| 55° | 5919 | 4728  | 5908 | 3642 |
| 60° | 5491 | 4085  | 5464 | 3409 |
| 65° | 4989 | 3640  | 5021 | 2934 |
| 70° | 4595 | 3200  | 4576 | 2675 |
| 75° | 3971 | 2768  | 3971 | 2510 |
| 80° | 3361 | 2099  | 3321 | 2099 |
| 85° | 2661 | 1750  | 2588 | 1978 |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle:  $135^\circ$

Vertical Angle:  $45^\circ$

Luminance: 13636 cd/sqm

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CATALOG NUMBER: S125RDRP-B850DB2750-4F0-XX-W2A-A\_2700K

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 120.9  | 3.7       |
| 10°-20°   | 354.4  | 10.9      |
| 20°-30°   | 561.9  | 17.2      |
| 30°-40°   | 679.0  | 20.8      |
| 40°-50°   | 604.6  | 18.5      |
| 50°-60°   | 463.6  | 14.2      |
| 60°-70°   | 301.1  | 9.2       |
| 70°-80°   | 146.1  | 4.5       |
| 80°-90°   | 34.4   | 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°    | 1037.2 | 31.8      |
| 0°-40°    | 1716.3 | 52.5      |
| 0°-60°    | 2784.4 | 85.3      |
| 0°-90°    | 3266.0 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 3266.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 90°  | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0°  | 1261 | 1261 | 1261 | 1261 | 1261 |      |
| 5°  | 1258 | 1445 | 1258 | 1110 | 1258 | 119  |
| 15° | 1205 | 1736 | 1196 | 845  | 1205 | 340  |
| 25° | 1101 | 2078 | 1089 | 679  | 1101 | 508  |
| 35° | 959  | 1724 | 946  | 554  | 959  | 597  |
| 45° | 750  | 771  | 749  | 436  | 750  | 579  |
| 55° | 530  | 423  | 529  | 326  | 530  | 475  |
| 65° | 329  | 240  | 331  | 194  | 329  | 329  |
| 75° | 160  | 112  | 160  | 101  | 160  | 172  |
| 85° | 36   | 24   | 35   | 27   | 36   | 44   |
| 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°    | 1260.6 | 1260.6 | 1260.6 | 1260.6 | 1260.6 | 1260.6 | 1260.6 | 1260.6 | 1260.6 | 1260.6 | 1260.6 |
| 2.5°  | 1261.7 | 1272.0 | 1275.1 | 1283.4 | 1292.7 | 1294.8 | 1299.9 | 1307.2 | 1311.3 | 1310.3 | 1310.3 |
| 5°    | 1257.5 | 1275.1 | 1287.5 | 1302.0 | 1319.6 | 1326.9 | 1333.1 | 1348.6 | 1361.0 | 1368.3 | 1380.7 |
| 7.5°  | 1250.3 | 1276.1 | 1296.8 | 1318.6 | 1345.5 | 1357.9 | 1371.4 | 1393.1 | 1415.9 | 1430.4 | 1443.8 |
| 10°   | 1238.9 | 1272.0 | 1301.0 | 1333.1 | 1369.3 | 1387.9 | 1404.5 | 1437.6 | 1465.5 | 1484.2 | 1515.2 |
| 12.5° | 1222.3 | 1263.7 | 1304.1 | 1346.5 | 1392.1 | 1411.7 | 1434.5 | 1470.7 | 1510.0 | 1537.0 | 1562.8 |
| 15°   | 1204.7 | 1254.4 | 1297.9 | 1348.6 | 1403.4 | 1433.5 | 1462.4 | 1500.7 | 1535.9 | 1565.9 | 1596.0 |
| 17.5° | 1184.0 | 1236.8 | 1290.6 | 1348.6 | 1410.7 | 1440.7 | 1465.5 | 1511.1 | 1548.3 | 1578.4 | 1605.3 |
| 20°   | 1159.2 | 1218.2 | 1279.2 | 1343.4 | 1406.6 | 1434.5 | 1458.3 | 1508.0 | 1541.1 | 1573.2 | 1611.5 |
| 22.5° | 1132.3 | 1196.4 | 1261.7 | 1324.8 | 1386.9 | 1416.9 | 1444.8 | 1488.3 | 1524.5 | 1568.0 | 1617.7 |
| 25°   | 1101.2 | 1171.6 | 1237.8 | 1301.0 | 1360.0 | 1387.9 | 1412.8 | 1460.4 | 1511.1 | 1565.9 | 1621.8 |
| 27.5° | 1070.2 | 1138.5 | 1202.7 | 1260.6 | 1324.8 | 1350.7 | 1375.5 | 1435.5 | 1495.6 | 1553.5 | 1630.1 |
| 30°   | 1036.0 | 1105.4 | 1161.3 | 1215.1 | 1277.2 | 1304.1 | 1335.1 | 1403.4 | 1471.8 | 1550.4 | 1643.6 |
| 32.5° | 997.7  | 1060.9 | 1112.6 | 1168.5 | 1224.4 | 1257.5 | 1296.8 | 1371.4 | 1450.0 | 1544.2 | 1663.2 |
| 35°   | 959.4  | 1010.1 | 1057.8 | 1110.5 | 1177.8 | 1213.0 | 1251.3 | 1330.0 | 1428.3 | 1541.1 | 1679.8 |
| 37.5° | 910.8  | 959.4  | 996.7  | 1050.5 | 1119.9 | 1161.3 | 1199.6 | 1290.6 | 1402.4 | 1533.9 | 1678.8 |
| 40°   | 861.1  | 902.5  | 937.7  | 993.6  | 1069.1 | 1107.4 | 1148.8 | 1248.2 | 1375.5 | 1513.2 | 1653.9 |
| 42.5° | 807.3  | 842.5  | 880.8  | 934.6  | 1008.1 | 1045.3 | 1092.9 | 1208.9 | 1338.2 | 1484.2 | 1589.7 |
| 45°   | 750.4  | 784.5  | 816.6  | 872.5  | 946.0  | 986.3  | 1038.1 | 1157.1 | 1292.7 | 1423.1 | 1486.2 |
| 47.5° | 694.5  | 724.5  | 758.6  | 807.3  | 881.8  | 926.3  | 979.1  | 1106.4 | 1231.6 | 1341.3 | 1346.5 |
| 50°   | 640.7  | 664.5  | 693.4  | 743.1  | 820.7  | 863.2  | 918.0  | 1037.1 | 1159.2 | 1234.7 | 1184.0 |
| 52.5° | 584.8  | 606.5  | 636.5  | 680.0  | 752.4  | 802.1  | 849.7  | 968.8  | 1071.2 | 1121.9 | 1028.8 |
| 55°   | 529.9  | 548.5  | 579.6  | 628.2  | 691.4  | 729.7  | 778.3  | 889.1  | 979.1  | 980.1  | 878.7  |
| 57.5° | 476.1  | 492.7  | 518.5  | 562.0  | 621.0  | 665.5  | 710.0  | 806.3  | 867.3  | 849.7  | 736.9  |
| 60°   | 428.5  | 438.8  | 462.6  | 505.1  | 559.9  | 592.0  | 639.6  | 720.4  | 760.7  | 728.6  | 607.5  |
| 62.5° | 378.8  | 389.2  | 407.8  | 441.9  | 493.7  | 527.8  | 557.9  | 624.1  | 652.0  | 603.4  | 504.0  |
| 65°   | 329.1  | 341.5  | 355.0  | 381.9  | 430.6  | 453.3  | 480.2  | 528.9  | 555.8  | 498.9  | 413.0  |
| 67.5° | 285.7  | 291.9  | 305.3  | 333.3  | 367.4  | 388.1  | 406.8  | 439.9  | 445.0  | 399.5  | 329.1  |
| 70°   | 245.3  | 247.4  | 259.8  | 276.3  | 302.2  | 314.6  | 330.2  | 349.8  | 349.8  | 312.6  | 256.7  |
| 72.5° | 199.8  | 202.9  | 212.2  | 229.8  | 245.3  | 251.5  | 256.7  | 269.1  | 267.0  | 232.9  | 194.6  |
| 75°   | 160.4  | 162.5  | 169.7  | 178.0  | 184.2  | 195.6  | 199.8  | 197.7  | 196.6  | 167.7  | 145.9  |
| 77.5° | 124.2  | 125.2  | 130.4  | 137.7  | 138.7  | 142.8  | 139.7  | 139.7  | 130.4  | 113.8  | 102.5  |
| 80°   | 91.1   | 92.1   | 94.2   | 96.3   | 96.3   | 96.3   | 96.3   | 91.1   | 84.9   | 74.5   | 71.4   |
| 82.5° | 61.1   | 61.1   | 62.1   | 64.2   | 63.1   | 61.1   | 59.0   | 53.8   | 49.7   | 46.6   | 44.5   |
| 85°   | 36.2   | 36.2   | 37.3   | 36.2   | 32.1   | 31.0   | 29.0   | 27.9   | 26.9   | 25.9   | 25.9   |
| 87.5° | 17.6   | 16.6   | 14.5   | 12.4   | 12.4   | 12.4   | 12.4   | 12.4   | 12.4   | 11.4   | 11.4   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

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**CANDELA DISTRIBUTION (continued):**

|       | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1260.6 | 1260.6 | 1260.6 | 1260.6 | 1260.6 | 1260.6 | 1260.6 | 1260.6 | 1260.6 | 1260.6 | 1260.6 |
| 2.5°  | 1315.5 | 1322.7 | 1328.9 | 1325.8 | 1338.2 | 1337.2 | 1339.3 | 1343.4 | 1344.5 | 1342.4 | 1338.2 |
| 5°    | 1386.9 | 1397.2 | 1414.8 | 1424.1 | 1422.1 | 1430.4 | 1434.5 | 1440.7 | 1446.9 | 1444.8 | 1444.8 |
| 7.5°  | 1466.6 | 1481.1 | 1498.7 | 1522.5 | 1525.6 | 1532.8 | 1545.2 | 1545.2 | 1552.5 | 1549.4 | 1548.3 |
| 10°   | 1535.9 | 1553.5 | 1581.5 | 1600.1 | 1608.4 | 1612.5 | 1624.9 | 1629.1 | 1637.4 | 1638.4 | 1638.4 |
| 12.5° | 1592.8 | 1623.9 | 1642.5 | 1661.2 | 1665.3 | 1671.5 | 1680.8 | 1687.0 | 1690.1 | 1690.1 | 1687.0 |
| 15°   | 1622.9 | 1647.7 | 1669.4 | 1689.1 | 1700.5 | 1705.7 | 1715.0 | 1722.2 | 1726.4 | 1735.7 | 1737.7 |
| 17.5° | 1635.3 | 1665.3 | 1700.5 | 1728.4 | 1748.1 | 1753.3 | 1771.9 | 1778.1 | 1786.4 | 1790.5 | 1795.7 |
| 20°   | 1652.9 | 1696.3 | 1738.8 | 1772.9 | 1791.6 | 1805.0 | 1824.7 | 1853.7 | 1861.9 | 1861.9 | 1858.8 |
| 22.5° | 1668.4 | 1724.3 | 1782.3 | 1837.1 | 1852.6 | 1879.5 | 1915.8 | 1946.8 | 1959.2 | 1964.4 | 1960.3 |
| 25°   | 1687.0 | 1763.6 | 1839.2 | 1907.5 | 1949.9 | 1969.6 | 2018.2 | 2055.5 | 2070.0 | 2078.3 | 2080.3 |
| 27.5° | 1719.1 | 1815.4 | 1911.6 | 1998.6 | 2042.0 | 2064.8 | 2115.5 | 2147.6 | 2165.2 | 2172.4 | 2167.3 |
| 30°   | 1755.3 | 1873.3 | 1985.1 | 2062.7 | 2091.7 | 2119.7 | 2152.8 | 2165.2 | 2161.1 | 2161.1 | 2176.6 |
| 32.5° | 1792.6 | 1914.7 | 2014.1 | 2064.8 | 2075.2 | 2071.0 | 2057.6 | 2020.3 | 1998.6 | 1998.6 | 2012.0 |
| 35°   | 1813.3 | 1918.9 | 1969.6 | 1953.0 | 1912.7 | 1888.9 | 1815.4 | 1774.0 | 1727.4 | 1724.3 | 1739.8 |
| 37.5° | 1801.9 | 1847.5 | 1826.8 | 1718.1 | 1663.2 | 1617.7 | 1502.8 | 1457.3 | 1423.1 | 1375.5 | 1449.0 |
| 40°   | 1722.2 | 1706.7 | 1599.1 | 1442.8 | 1381.7 | 1317.5 | 1226.5 | 1180.9 | 1133.3 | 1126.1 | 1143.7 |
| 42.5° | 1587.7 | 1495.6 | 1338.2 | 1187.1 | 1125.0 | 1079.5 | 1010.1 | 965.6  | 935.6  | 923.2  | 943.9  |
| 45°   | 1420.0 | 1275.1 | 1117.8 | 997.7  | 929.4  | 905.6  | 842.5  | 803.2  | 780.4  | 771.1  | 785.6  |
| 47.5° | 1215.1 | 1069.1 | 920.1  | 818.7  | 778.3  | 754.5  | 712.1  | 677.9  | 658.3  | 652.0  | 658.3  |
| 50°   | 1031.9 | 881.8  | 756.6  | 691.4  | 655.1  | 635.5  | 600.3  | 578.6  | 563.0  | 558.9  | 569.2  |
| 52.5° | 873.5  | 736.9  | 641.7  | 583.7  | 559.9  | 543.4  | 518.5  | 499.9  | 490.6  | 486.4  | 493.7  |
| 55°   | 731.7  | 621.0  | 544.4  | 494.7  | 477.1  | 466.8  | 445.0  | 434.7  | 424.3  | 423.3  | 430.6  |
| 57.5° | 606.5  | 529.9  | 459.5  | 424.3  | 419.2  | 403.6  | 385.0  | 375.7  | 370.5  | 369.5  | 372.6  |
| 60°   | 505.1  | 436.8  | 394.3  | 363.3  | 356.0  | 343.6  | 333.3  | 327.1  | 320.8  | 318.8  | 320.8  |
| 62.5° | 420.2  | 366.4  | 332.2  | 311.5  | 301.2  | 298.1  | 286.7  | 279.4  | 278.4  | 278.4  | 280.5  |
| 65°   | 346.7  | 301.2  | 279.4  | 262.9  | 255.6  | 252.5  | 244.3  | 239.1  | 240.1  | 240.1  | 241.2  |
| 67.5° | 282.6  | 249.4  | 229.8  | 221.5  | 215.3  | 214.2  | 206.0  | 203.9  | 201.8  | 201.8  | 203.9  |
| 70°   | 224.6  | 203.9  | 189.4  | 185.3  | 184.2  | 177.0  | 173.9  | 172.8  | 169.7  | 170.8  | 170.8  |
| 72.5° | 175.9  | 162.5  | 154.2  | 148.0  | 149.0  | 144.9  | 140.8  | 140.8  | 138.7  | 141.8  | 141.8  |
| 75°   | 130.4  | 124.2  | 118.0  | 115.9  | 118.0  | 115.9  | 112.8  | 111.8  | 112.8  | 111.8  | 111.8  |
| 77.5° | 96.3   | 93.1   | 91.1   | 90.0   | 90.0   | 85.9   | 83.8   | 85.9   | 81.8   | 83.8   | 83.8   |
| 80°   | 67.3   | 63.1   | 62.1   | 60.0   | 61.1   | 58.0   | 59.0   | 56.9   | 56.9   | 56.9   | 56.9   |
| 82.5° | 42.4   | 41.4   | 41.4   | 41.4   | 40.4   | 40.4   | 40.4   | 40.4   | 40.4   | 40.4   | 39.3   |
| 85°   | 25.9   | 24.8   | 24.8   | 24.8   | 23.8   | 23.8   | 23.8   | 23.8   | 23.8   | 23.8   | 23.8   |
| 87.5° | 10.3   | 11.4   | 11.4   | 12.4   | 11.4   | 10.3   | 10.3   | 10.3   | 11.4   | 11.4   | 10.3   |
| 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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CATALOG NUMBER: S125RDRP-B850DB2750-4F0-XX-W2A-A\_2700K

**CANDELA DISTRIBUTION (continued):**

|       | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1260.6 | 1260.6 | 1260.6 | 1260.6 | 1260.6 | 1260.6 | 1260.6 | 1260.6 | 1260.6 | 1260.6 | 1260.6 |
| 2.5°  | 1343.4 | 1336.2 | 1339.3 | 1336.2 | 1333.1 | 1330.0 | 1322.7 | 1312.4 | 1304.1 | 1297.9 | 1296.8 |
| 5°    | 1446.9 | 1437.6 | 1431.4 | 1428.3 | 1422.1 | 1413.8 | 1400.3 | 1384.8 | 1366.2 | 1358.9 | 1344.5 |
| 7.5°  | 1542.1 | 1539.0 | 1524.5 | 1522.5 | 1518.3 | 1502.8 | 1480.0 | 1459.3 | 1435.5 | 1415.9 | 1397.2 |
| 10°   | 1632.2 | 1624.9 | 1614.6 | 1600.1 | 1598.0 | 1578.4 | 1556.6 | 1527.6 | 1496.6 | 1478.0 | 1444.8 |
| 12.5° | 1688.1 | 1679.8 | 1668.4 | 1659.1 | 1653.9 | 1641.5 | 1611.5 | 1582.5 | 1554.6 | 1520.4 | 1491.4 |
| 15°   | 1728.4 | 1718.1 | 1697.4 | 1690.1 | 1683.9 | 1667.4 | 1645.6 | 1615.6 | 1578.4 | 1554.6 | 1513.2 |
| 17.5° | 1783.3 | 1770.9 | 1750.2 | 1736.7 | 1725.3 | 1699.5 | 1668.4 | 1628.0 | 1592.8 | 1565.9 | 1528.7 |
| 20°   | 1846.4 | 1827.8 | 1800.9 | 1783.3 | 1766.7 | 1736.7 | 1693.2 | 1645.6 | 1594.9 | 1561.8 | 1523.5 |
| 22.5° | 1951.0 | 1915.8 | 1873.3 | 1848.5 | 1825.7 | 1774.0 | 1722.2 | 1663.2 | 1606.3 | 1556.6 | 1510.0 |
| 25°   | 2052.4 | 2017.2 | 1964.4 | 1930.3 | 1895.1 | 1835.0 | 1766.7 | 1685.0 | 1612.5 | 1554.6 | 1493.5 |
| 27.5° | 2146.6 | 2110.3 | 2061.7 | 2020.3 | 1986.1 | 1896.1 | 1806.1 | 1713.9 | 1621.8 | 1542.1 | 1480.0 |
| 30°   | 2168.3 | 2152.8 | 2115.5 | 2079.3 | 2048.2 | 1965.4 | 1860.9 | 1744.0 | 1633.2 | 1530.7 | 1461.4 |
| 32.5° | 2036.9 | 2075.2 | 2084.5 | 2079.3 | 2059.6 | 2000.6 | 1904.4 | 1781.2 | 1649.8 | 1525.6 | 1430.4 |
| 35°   | 1763.6 | 1833.0 | 1904.4 | 1942.7 | 1961.3 | 1969.6 | 1912.7 | 1799.8 | 1661.2 | 1517.3 | 1409.7 |
| 37.5° | 1462.4 | 1529.7 | 1642.5 | 1699.5 | 1762.6 | 1845.4 | 1868.2 | 1795.7 | 1656.0 | 1511.1 | 1376.5 |
| 40°   | 1201.6 | 1287.5 | 1380.7 | 1432.4 | 1487.3 | 1636.3 | 1749.1 | 1740.9 | 1639.4 | 1488.3 | 1350.7 |
| 42.5° | 978.1  | 1031.9 | 1113.6 | 1170.6 | 1237.8 | 1404.5 | 1555.6 | 1630.1 | 1589.7 | 1460.4 | 1317.5 |
| 45°   | 815.6  | 857.0  | 914.9  | 972.9  | 1014.3 | 1165.4 | 1344.5 | 1466.6 | 1504.9 | 1410.7 | 1266.8 |
| 47.5° | 687.2  | 718.3  | 769.0  | 805.2  | 849.7  | 968.8  | 1124.0 | 1295.8 | 1376.5 | 1340.3 | 1213.0 |
| 50°   | 588.9  | 613.7  | 654.1  | 676.9  | 716.2  | 818.7  | 936.7  | 1116.8 | 1238.9 | 1243.0 | 1141.6 |
| 52.5° | 503.0  | 527.8  | 562.0  | 581.7  | 605.5  | 674.8  | 793.8  | 946.0  | 1086.7 | 1138.5 | 1059.8 |
| 55°   | 437.8  | 452.3  | 480.2  | 495.8  | 517.5  | 584.8  | 660.3  | 789.7  | 936.7  | 1021.5 | 971.9  |
| 57.5° | 377.8  | 393.3  | 410.9  | 423.3  | 438.8  | 492.7  | 561.0  | 658.3  | 804.2  | 896.3  | 879.7  |
| 60°   | 329.1  | 338.4  | 355.0  | 364.3  | 378.8  | 414.0  | 461.6  | 558.9  | 674.8  | 761.8  | 771.1  |
| 62.5° | 283.6  | 291.9  | 303.3  | 311.5  | 320.8  | 348.8  | 384.0  | 453.3  | 554.8  | 648.9  | 661.4  |
| 65°   | 244.3  | 251.5  | 257.7  | 265.0  | 272.2  | 289.8  | 319.8  | 373.6  | 452.3  | 540.3  | 567.2  |
| 67.5° | 209.1  | 211.1  | 220.5  | 221.5  | 225.6  | 239.1  | 260.8  | 304.3  | 361.2  | 431.6  | 466.8  |
| 70°   | 174.9  | 179.1  | 181.1  | 184.2  | 188.4  | 197.7  | 215.3  | 238.0  | 280.5  | 337.4  | 370.5  |
| 72.5° | 141.8  | 142.8  | 145.9  | 148.0  | 152.1  | 159.4  | 167.7  | 185.3  | 212.2  | 253.6  | 283.6  |
| 75°   | 112.8  | 113.8  | 115.9  | 117.0  | 120.1  | 122.1  | 126.3  | 138.7  | 157.3  | 182.2  | 203.9  |
| 77.5° | 84.9   | 86.9   | 89.0   | 89.0   | 90.0   | 92.1   | 94.2   | 98.3   | 107.6  | 124.2  | 142.8  |
| 80°   | 58.0   | 59.0   | 59.0   | 60.0   | 59.0   | 62.1   | 65.2   | 70.4   | 74.5   | 79.7   | 89.0   |
| 82.5° | 40.4   | 40.4   | 40.4   | 41.4   | 41.4   | 42.4   | 42.4   | 43.5   | 44.5   | 47.6   | 51.7   |
| 85°   | 24.8   | 24.8   | 25.9   | 23.8   | 24.8   | 25.9   | 25.9   | 24.8   | 25.9   | 26.9   | 27.9   |
| 87.5° | 10.3   | 10.3   | 11.4   | 11.4   | 11.4   | 11.4   | 10.3   | 11.4   | 10.3   | 11.4   | 11.4   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

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**CANDELA DISTRIBUTION (continued):**

|       | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1260.6 | 1260.6 | 1260.6 | 1260.6 | 1260.6 | 1260.6 | 1260.6 | 1260.6 | 1260.6 | 1260.6 | 1260.6 |
| 2.5°  | 1293.7 | 1287.5 | 1283.4 | 1282.4 | 1276.1 | 1271.0 | 1264.8 | 1263.7 | 1260.6 | 1252.3 | 1247.2 |
| 5°    | 1334.1 | 1319.6 | 1316.5 | 1307.2 | 1291.7 | 1280.3 | 1265.8 | 1257.5 | 1248.2 | 1232.7 | 1220.3 |
| 7.5°  | 1375.5 | 1355.8 | 1341.3 | 1327.9 | 1306.2 | 1285.5 | 1264.8 | 1248.2 | 1231.6 | 1208.9 | 1190.2 |
| 10°   | 1415.9 | 1385.9 | 1368.3 | 1348.6 | 1318.6 | 1287.5 | 1258.5 | 1234.7 | 1207.8 | 1180.9 | 1154.0 |
| 12.5° | 1453.1 | 1414.8 | 1389.0 | 1361.0 | 1323.8 | 1285.5 | 1248.2 | 1215.1 | 1187.1 | 1150.9 | 1120.9 |
| 15°   | 1475.9 | 1433.5 | 1407.6 | 1380.7 | 1324.8 | 1282.4 | 1238.9 | 1196.4 | 1159.2 | 1120.9 | 1092.9 |
| 17.5° | 1489.4 | 1441.7 | 1412.8 | 1387.9 | 1331.0 | 1273.0 | 1217.1 | 1171.6 | 1131.2 | 1085.7 | 1048.4 |
| 20°   | 1483.1 | 1436.6 | 1409.7 | 1385.9 | 1319.6 | 1261.7 | 1201.6 | 1148.8 | 1098.1 | 1051.5 | 1012.2 |
| 22.5° | 1469.7 | 1421.0 | 1391.0 | 1369.3 | 1310.3 | 1242.0 | 1175.7 | 1118.8 | 1066.0 | 1019.5 | 975.0  |
| 25°   | 1440.7 | 1393.1 | 1367.2 | 1340.3 | 1282.4 | 1217.1 | 1149.9 | 1088.8 | 1032.9 | 983.2  | 933.6  |
| 27.5° | 1414.8 | 1356.9 | 1330.0 | 1306.2 | 1245.1 | 1187.1 | 1120.9 | 1053.6 | 996.7  | 944.9  | 895.3  |
| 30°   | 1384.8 | 1319.6 | 1290.6 | 1258.5 | 1203.7 | 1148.8 | 1082.6 | 1020.5 | 961.5  | 906.7  | 859.0  |
| 32.5° | 1352.7 | 1277.2 | 1244.1 | 1207.8 | 1151.9 | 1100.2 | 1044.3 | 983.2  | 924.2  | 870.4  | 820.7  |
| 35°   | 1311.3 | 1230.6 | 1192.3 | 1158.2 | 1100.2 | 1048.4 | 996.7  | 946.0  | 887.0  | 830.1  | 782.5  |
| 37.5° | 1272.0 | 1183.0 | 1142.6 | 1103.3 | 1042.2 | 992.6  | 950.1  | 902.5  | 845.6  | 790.7  | 745.2  |
| 40°   | 1227.5 | 1125.0 | 1083.6 | 1047.4 | 984.3  | 929.4  | 891.1  | 853.9  | 804.2  | 751.4  | 701.7  |
| 42.5° | 1187.1 | 1071.2 | 1027.7 | 990.5  | 924.2  | 872.5  | 836.3  | 805.2  | 761.8  | 713.1  | 662.4  |
| 45°   | 1131.2 | 1013.3 | 968.8  | 929.4  | 862.1  | 813.5  | 776.2  | 749.3  | 715.2  | 669.6  | 624.1  |
| 47.5° | 1079.5 | 957.4  | 908.7  | 861.1  | 800.0  | 750.4  | 716.2  | 695.5  | 672.7  | 632.4  | 585.8  |
| 50°   | 1016.4 | 893.2  | 843.5  | 804.2  | 734.8  | 692.4  | 658.3  | 643.8  | 623.1  | 584.8  | 547.5  |
| 52.5° | 948.1  | 831.1  | 784.5  | 736.9  | 672.7  | 631.3  | 601.3  | 584.8  | 568.2  | 540.3  | 505.1  |
| 55°   | 868.4  | 761.8  | 718.3  | 675.8  | 611.7  | 573.4  | 546.5  | 528.9  | 519.6  | 493.7  | 467.8  |
| 57.5° | 791.8  | 691.4  | 651.0  | 611.7  | 555.8  | 512.3  | 494.7  | 479.2  | 465.7  | 447.1  | 425.4  |
| 60°   | 714.1  | 623.1  | 579.6  | 544.4  | 495.8  | 456.4  | 441.9  | 426.4  | 416.1  | 401.6  | 386.1  |
| 62.5° | 625.1  | 547.5  | 514.4  | 481.3  | 439.9  | 408.8  | 392.3  | 379.8  | 366.4  | 357.1  | 343.6  |
| 65°   | 530.9  | 476.1  | 444.0  | 419.2  | 379.8  | 351.9  | 339.5  | 331.2  | 319.8  | 310.5  | 300.1  |
| 67.5° | 443.0  | 399.5  | 386.1  | 359.1  | 329.1  | 304.3  | 295.0  | 284.6  | 275.3  | 270.1  | 260.8  |
| 70°   | 358.1  | 327.1  | 313.6  | 306.4  | 273.2  | 256.7  | 248.4  | 244.3  | 232.9  | 227.7  | 221.5  |
| 72.5° | 277.4  | 266.0  | 256.7  | 247.4  | 225.6  | 215.3  | 206.0  | 201.8  | 193.5  | 189.4  | 187.3  |
| 75°   | 204.9  | 197.7  | 192.5  | 191.5  | 182.2  | 171.8  | 162.5  | 160.4  | 154.2  | 150.1  | 148.0  |
| 77.5° | 143.9  | 141.8  | 140.8  | 141.8  | 135.6  | 129.4  | 127.3  | 125.2  | 118.0  | 117.0  | 117.0  |
| 80°   | 94.2   | 99.4   | 99.4   | 98.3   | 96.3   | 95.2   | 92.1   | 90.0   | 85.9   | 84.9   | 85.9   |
| 82.5° | 58.0   | 61.1   | 62.1   | 64.2   | 63.1   | 62.1   | 60.0   | 59.0   | 60.0   | 58.0   | 59.0   |
| 85°   | 29.0   | 31.0   | 35.2   | 35.2   | 36.2   | 36.2   | 36.2   | 35.2   | 33.1   | 34.2   | 33.1   |
| 87.5° | 11.4   | 12.4   | 12.4   | 12.4   | 11.4   | 14.5   | 15.5   | 15.5   | 15.5   | 13.5   | 13.5   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

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**CANDELA DISTRIBUTION (continued):**

|       | 200°   | 202.5° | 205°   | 210°   | 215°   | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1260.6 | 1260.6 | 1260.6 | 1260.6 | 1260.6 | 1260.6 | 1260.6 | 1260.6 | 1260.6 | 1260.6 | 1260.6 |
| 2.5°  | 1244.1 | 1239.9 | 1236.8 | 1233.7 | 1220.3 | 1205.8 | 1203.7 | 1200.6 | 1194.4 | 1201.6 | 1198.5 |
| 5°    | 1212.0 | 1202.7 | 1197.5 | 1184.0 | 1167.5 | 1155.0 | 1144.7 | 1132.3 | 1127.1 | 1123.0 | 1121.9 |
| 7.5°  | 1172.6 | 1164.4 | 1155.0 | 1141.6 | 1120.9 | 1100.2 | 1084.7 | 1072.2 | 1061.9 | 1056.7 | 1056.7 |
| 10°   | 1134.3 | 1124.0 | 1111.6 | 1088.8 | 1069.1 | 1043.3 | 1026.7 | 1014.3 | 999.8  | 991.5  | 984.3  |
| 12.5° | 1095.0 | 1083.6 | 1072.2 | 1043.3 | 1020.5 | 993.6  | 969.8  | 954.3  | 947.0  | 937.7  | 925.3  |
| 15°   | 1055.7 | 1038.1 | 1026.7 | 997.7  | 968.8  | 941.8  | 926.3  | 909.8  | 893.2  | 883.9  | 879.7  |
| 17.5° | 1014.3 | 1001.9 | 983.2  | 952.2  | 920.1  | 896.3  | 873.5  | 858.0  | 838.3  | 829.0  | 819.7  |
| 20°   | 977.0  | 958.4  | 939.8  | 908.7  | 877.7  | 845.6  | 822.8  | 804.2  | 791.8  | 784.5  | 776.2  |
| 22.5° | 932.5  | 914.9  | 899.4  | 866.3  | 832.1  | 802.1  | 777.3  | 765.9  | 753.5  | 742.1  | 733.8  |
| 25°   | 894.2  | 876.6  | 861.1  | 824.9  | 787.6  | 759.7  | 741.1  | 726.6  | 713.1  | 707.9  | 699.7  |
| 27.5° | 853.9  | 837.3  | 816.6  | 780.4  | 747.3  | 723.5  | 703.8  | 690.3  | 680.0  | 669.6  | 663.4  |
| 30°   | 815.6  | 796.9  | 778.3  | 739.0  | 712.1  | 688.3  | 669.6  | 653.1  | 644.8  | 639.6  | 629.3  |
| 32.5° | 778.3  | 754.5  | 739.0  | 702.8  | 676.9  | 654.1  | 638.6  | 624.1  | 613.7  | 604.4  | 596.2  |
| 35°   | 737.9  | 712.1  | 696.5  | 666.5  | 639.6  | 616.9  | 603.4  | 593.0  | 580.6  | 572.3  | 568.2  |
| 37.5° | 699.7  | 677.9  | 662.4  | 631.3  | 604.4  | 585.8  | 571.3  | 557.9  | 552.7  | 541.3  | 539.2  |
| 40°   | 658.3  | 639.6  | 625.1  | 595.1  | 570.3  | 555.8  | 540.3  | 527.8  | 518.5  | 513.4  | 506.1  |
| 42.5° | 621.0  | 605.5  | 589.9  | 562.0  | 538.2  | 520.6  | 509.2  | 497.8  | 489.6  | 481.3  | 476.1  |
| 45°   | 586.8  | 570.3  | 555.8  | 528.9  | 505.1  | 489.6  | 478.2  | 464.7  | 462.6  | 451.3  | 446.1  |
| 47.5° | 550.6  | 536.1  | 523.7  | 495.8  | 474.0  | 458.5  | 445.0  | 435.7  | 426.4  | 422.3  | 415.0  |
| 50°   | 515.4  | 500.9  | 486.4  | 461.6  | 441.9  | 426.4  | 413.0  | 402.6  | 397.4  | 391.2  | 385.0  |
| 52.5° | 477.1  | 465.7  | 454.4  | 428.5  | 408.8  | 395.4  | 384.0  | 370.5  | 365.4  | 360.2  | 356.0  |
| 55°   | 445.0  | 428.5  | 416.1  | 394.3  | 376.7  | 362.2  | 349.8  | 339.5  | 334.3  | 330.2  | 325.0  |
| 57.5° | 401.6  | 391.2  | 380.9  | 361.2  | 344.7  | 330.2  | 317.7  | 309.5  | 303.3  | 300.1  | 301.2  |
| 60°   | 364.3  | 352.9  | 346.7  | 326.0  | 309.5  | 298.1  | 286.7  | 278.4  | 272.2  | 269.1  | 268.1  |
| 62.5° | 325.0  | 316.7  | 305.3  | 290.8  | 274.3  | 263.9  | 255.6  | 249.4  | 239.1  | 238.0  | 234.9  |
| 65°   | 286.7  | 280.5  | 270.1  | 256.7  | 243.2  | 233.9  | 224.6  | 216.3  | 212.2  | 207.0  | 203.9  |
| 67.5° | 249.4  | 243.2  | 233.9  | 222.5  | 213.2  | 203.9  | 195.6  | 187.3  | 180.1  | 175.9  | 173.9  |
| 70°   | 213.2  | 208.0  | 201.8  | 188.4  | 177.0  | 169.7  | 163.5  | 158.4  | 151.1  | 149.0  | 148.0  |
| 72.5° | 178.0  | 172.8  | 169.7  | 158.4  | 148.0  | 141.8  | 135.6  | 130.4  | 127.3  | 126.3  | 123.2  |
| 75°   | 145.9  | 140.8  | 136.6  | 126.3  | 120.1  | 115.9  | 109.7  | 107.6  | 104.5  | 103.5  | 102.5  |
| 77.5° | 113.8  | 108.7  | 107.6  | 100.4  | 93.1   | 91.1   | 89.0   | 84.9   | 84.9   | 84.9   | 82.8   |
| 80°   | 81.8   | 80.7   | 79.7   | 72.4   | 69.3   | 67.3   | 66.2   | 63.1   | 61.1   | 59.0   | 58.0   |
| 82.5° | 54.9   | 53.8   | 52.8   | 49.7   | 46.6   | 45.5   | 44.5   | 42.4   | 42.4   | 43.5   | 41.4   |
| 85°   | 33.1   | 31.0   | 30.0   | 29.0   | 26.9   | 26.9   | 27.9   | 26.9   | 26.9   | 26.9   | 25.9   |
| 87.5° | 12.4   | 12.4   | 12.4   | 12.4   | 13.5   | 11.4   | 12.4   | 12.4   | 11.4   | 11.4   | 10.3   |
| 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°    | 1260.6 | 1260.6 | 1260.6 | 1260.6 | 1260.6 | 1260.6 | 1260.6 | 1260.6 | 1260.6 | 1260.6 | 1260.6 |
| 2.5°  | 1193.3 | 1195.4 | 1190.2 | 1188.2 | 1184.0 | 1189.2 | 1190.2 | 1189.2 | 1198.5 | 1194.4 | 1196.4 |
| 5°    | 1124.0 | 1119.9 | 1116.8 | 1109.5 | 1109.5 | 1110.5 | 1113.6 | 1108.5 | 1111.6 | 1118.8 | 1117.8 |
| 7.5°  | 1047.4 | 1045.3 | 1046.4 | 1038.1 | 1031.9 | 1034.0 | 1031.9 | 1041.2 | 1046.4 | 1044.3 | 1048.4 |
| 10°   | 978.1  | 982.2  | 972.9  | 968.8  | 964.6  | 968.8  | 967.7  | 969.8  | 976.0  | 980.1  | 987.4  |
| 12.5° | 922.2  | 921.1  | 916.0  | 911.8  | 904.6  | 906.7  | 912.9  | 910.8  | 911.8  | 921.1  | 920.1  |
| 15°   | 869.4  | 863.2  | 859.0  | 849.7  | 851.8  | 844.6  | 850.8  | 858.0  | 861.1  | 869.4  | 874.6  |
| 17.5° | 816.6  | 815.6  | 810.4  | 809.4  | 798.0  | 794.9  | 801.1  | 803.2  | 806.3  | 810.4  | 817.6  |
| 20°   | 772.1  | 771.1  | 763.8  | 761.8  | 752.4  | 758.6  | 756.6  | 760.7  | 762.8  | 771.1  | 774.2  |
| 22.5° | 731.7  | 726.6  | 724.5  | 721.4  | 718.3  | 717.2  | 721.4  | 720.4  | 727.6  | 730.7  | 731.7  |
| 25°   | 694.5  | 690.3  | 689.3  | 684.1  | 682.1  | 679.0  | 682.1  | 685.2  | 693.4  | 696.5  | 700.7  |
| 27.5° | 660.3  | 657.2  | 655.1  | 651.0  | 647.9  | 647.9  | 650.0  | 654.1  | 657.2  | 659.3  | 661.4  |
| 30°   | 629.3  | 627.2  | 621.0  | 618.9  | 615.8  | 615.8  | 615.8  | 617.9  | 623.1  | 629.3  | 632.4  |
| 32.5° | 597.2  | 593.0  | 588.9  | 588.9  | 585.8  | 585.8  | 586.8  | 588.9  | 594.1  | 595.1  | 600.3  |
| 35°   | 566.1  | 562.0  | 558.9  | 556.8  | 557.9  | 553.7  | 555.8  | 558.9  | 565.1  | 567.2  | 570.3  |
| 37.5° | 536.1  | 535.1  | 528.9  | 525.8  | 527.8  | 527.8  | 526.8  | 528.9  | 533.0  | 537.2  | 539.2  |
| 40°   | 503.0  | 500.9  | 500.9  | 497.8  | 498.9  | 494.7  | 497.8  | 499.9  | 502.0  | 506.1  | 509.2  |
| 42.5° | 474.0  | 472.0  | 467.8  | 468.9  | 465.7  | 465.7  | 467.8  | 468.9  | 472.0  | 477.1  | 479.2  |
| 45°   | 443.0  | 443.0  | 440.9  | 437.8  | 438.8  | 435.7  | 437.8  | 438.8  | 443.0  | 448.2  | 446.1  |
| 47.5° | 413.0  | 411.9  | 411.9  | 407.8  | 409.9  | 406.8  | 409.9  | 410.9  | 413.0  | 416.1  | 415.0  |
| 50°   | 384.0  | 380.9  | 381.9  | 380.9  | 379.8  | 379.8  | 381.9  | 381.9  | 384.0  | 384.0  | 387.1  |
| 52.5° | 354.0  | 354.0  | 351.9  | 352.9  | 355.0  | 352.9  | 356.0  | 352.9  | 355.0  | 356.0  | 358.1  |
| 55°   | 327.1  | 325.0  | 326.0  | 325.0  | 329.1  | 326.0  | 329.1  | 327.1  | 329.1  | 328.1  | 330.2  |
| 57.5° | 298.1  | 295.0  | 296.0  | 295.0  | 298.1  | 297.0  | 300.1  | 297.0  | 298.1  | 299.1  | 302.2  |
| 60°   | 265.0  | 265.0  | 265.0  | 262.9  | 266.0  | 266.0  | 265.0  | 265.0  | 269.1  | 271.2  | 270.1  |
| 62.5° | 233.9  | 232.9  | 229.8  | 228.7  | 229.8  | 227.7  | 231.8  | 230.8  | 232.9  | 234.9  | 237.0  |
| 65°   | 199.8  | 197.7  | 196.6  | 194.6  | 194.6  | 193.5  | 194.6  | 198.7  | 199.8  | 200.8  | 206.0  |
| 67.5° | 171.8  | 170.8  | 169.7  | 166.6  | 166.6  | 168.7  | 168.7  | 168.7  | 174.9  | 171.8  | 175.9  |
| 70°   | 147.0  | 144.9  | 142.8  | 141.8  | 141.8  | 142.8  | 143.9  | 144.9  | 143.9  | 148.0  | 149.0  |
| 72.5° | 123.2  | 124.2  | 122.1  | 122.1  | 122.1  | 121.1  | 121.1  | 123.2  | 124.2  | 123.2  | 124.2  |
| 75°   | 102.5  | 102.5  | 101.4  | 102.5  | 102.5  | 101.4  | 101.4  | 103.5  | 103.5  | 102.5  | 105.6  |
| 77.5° | 82.8   | 81.8   | 79.7   | 77.6   | 78.7   | 77.6   | 78.7   | 77.6   | 80.7   | 83.8   | 81.8   |
| 80°   | 58.0   | 56.9   | 56.9   | 56.9   | 58.0   | 56.9   | 59.0   | 56.9   | 58.0   | 58.0   | 59.0   |
| 82.5° | 41.4   | 42.4   | 42.4   | 41.4   | 42.4   | 41.4   | 42.4   | 42.4   | 42.4   | 41.4   | 42.4   |
| 85°   | 26.9   | 26.9   | 26.9   | 26.9   | 25.9   | 26.9   | 26.9   | 26.9   | 27.9   | 26.9   | 27.9   |
| 87.5° | 11.4   | 11.4   | 11.4   | 11.4   | 11.4   | 11.4   | 11.4   | 11.4   | 12.4   | 11.4   | 12.4   |
| 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: P997118

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**CANDELA DISTRIBUTION (continued):**

|       | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 337.5° | 340°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1260.6 | 1260.6 | 1260.6 | 1260.6 | 1260.6 | 1260.6 | 1260.6 | 1260.6 | 1260.6 | 1260.6 | 1260.6 |
| 2.5°  | 1192.3 | 1197.5 | 1193.3 | 1190.2 | 1198.5 | 1202.7 | 1202.7 | 1209.9 | 1217.1 | 1223.4 | 1224.4 |
| 5°    | 1118.8 | 1127.1 | 1129.2 | 1128.1 | 1140.6 | 1146.8 | 1160.2 | 1167.5 | 1177.8 | 1185.1 | 1193.3 |
| 7.5°  | 1051.5 | 1062.9 | 1064.0 | 1066.0 | 1084.7 | 1095.0 | 1106.4 | 1125.0 | 1139.5 | 1149.9 | 1159.2 |
| 10°   | 984.3  | 991.5  | 998.8  | 1008.1 | 1026.7 | 1044.3 | 1060.9 | 1080.5 | 1099.2 | 1109.5 | 1123.0 |
| 12.5° | 933.6  | 938.7  | 947.0  | 953.2  | 972.9  | 988.4  | 1010.1 | 1037.1 | 1064.0 | 1072.2 | 1088.8 |
| 15°   | 880.8  | 883.9  | 900.4  | 906.7  | 923.2  | 949.1  | 962.5  | 988.4  | 1017.4 | 1032.9 | 1051.5 |
| 17.5° | 819.7  | 838.3  | 848.7  | 855.9  | 876.6  | 897.3  | 919.1  | 946.0  | 983.2  | 997.7  | 1011.2 |
| 20°   | 776.2  | 789.7  | 801.1  | 810.4  | 829.0  | 860.1  | 879.7  | 901.5  | 936.7  | 953.2  | 972.9  |
| 22.5° | 737.9  | 749.3  | 759.7  | 770.0  | 782.5  | 810.4  | 833.2  | 863.2  | 898.4  | 913.9  | 936.7  |
| 25°   | 701.7  | 713.1  | 719.3  | 731.7  | 748.3  | 768.0  | 794.9  | 821.8  | 857.0  | 874.6  | 896.3  |
| 27.5° | 666.5  | 677.9  | 689.3  | 699.7  | 711.0  | 729.7  | 748.3  | 782.5  | 818.7  | 839.4  | 858.0  |
| 30°   | 636.5  | 641.7  | 652.0  | 663.4  | 674.8  | 692.4  | 714.1  | 737.9  | 779.3  | 798.0  | 820.7  |
| 32.5° | 603.4  | 612.7  | 620.0  | 628.2  | 642.7  | 657.2  | 676.9  | 706.9  | 740.0  | 757.6  | 782.5  |
| 35°   | 572.3  | 580.6  | 585.8  | 600.3  | 609.6  | 625.1  | 644.8  | 671.7  | 699.7  | 719.3  | 741.1  |
| 37.5° | 542.3  | 550.6  | 556.8  | 565.1  | 577.5  | 591.0  | 611.7  | 631.3  | 664.5  | 681.0  | 705.9  |
| 40°   | 511.3  | 518.5  | 525.8  | 535.1  | 546.5  | 563.0  | 575.5  | 600.3  | 627.2  | 645.8  | 664.5  |
| 42.5° | 481.3  | 485.4  | 493.7  | 504.0  | 515.4  | 529.9  | 547.5  | 567.2  | 594.1  | 610.6  | 627.2  |
| 45°   | 449.2  | 456.4  | 465.7  | 473.0  | 483.3  | 497.8  | 513.4  | 530.9  | 557.9  | 574.4  | 592.0  |
| 47.5° | 419.2  | 424.3  | 430.6  | 441.9  | 455.4  | 465.7  | 482.3  | 498.9  | 523.7  | 539.2  | 555.8  |
| 50°   | 388.1  | 393.3  | 402.6  | 409.9  | 420.2  | 433.7  | 449.2  | 466.8  | 490.6  | 500.9  | 517.5  |
| 52.5° | 359.1  | 361.2  | 370.5  | 377.8  | 388.1  | 403.6  | 416.1  | 431.6  | 454.4  | 465.7  | 482.3  |
| 55°   | 330.2  | 332.2  | 337.4  | 344.7  | 356.0  | 368.5  | 381.9  | 399.5  | 419.2  | 429.5  | 445.0  |
| 57.5° | 300.1  | 302.2  | 307.4  | 312.6  | 324.0  | 335.3  | 350.9  | 365.4  | 385.0  | 394.3  | 408.8  |
| 60°   | 270.1  | 270.1  | 275.3  | 282.6  | 290.8  | 301.2  | 314.6  | 332.2  | 346.7  | 358.1  | 368.5  |
| 62.5° | 238.0  | 241.2  | 244.3  | 249.4  | 258.7  | 271.2  | 282.6  | 295.0  | 312.6  | 320.8  | 330.2  |
| 65°   | 206.0  | 209.1  | 215.3  | 220.5  | 227.7  | 236.0  | 250.5  | 260.8  | 274.3  | 283.6  | 291.9  |
| 67.5° | 178.0  | 181.1  | 185.3  | 191.5  | 196.6  | 206.0  | 216.3  | 226.7  | 241.2  | 247.4  | 253.6  |
| 70°   | 149.0  | 152.1  | 155.2  | 163.5  | 168.7  | 175.9  | 183.2  | 193.5  | 206.0  | 210.1  | 215.3  |
| 72.5° | 126.3  | 127.3  | 131.4  | 133.5  | 140.8  | 147.0  | 155.2  | 161.5  | 170.8  | 175.9  | 180.1  |
| 75°   | 106.6  | 106.6  | 107.6  | 109.7  | 113.8  | 118.0  | 124.2  | 130.4  | 138.7  | 141.8  | 147.0  |
| 77.5° | 83.8   | 86.9   | 85.9   | 88.0   | 90.0   | 92.1   | 97.3   | 101.4  | 109.7  | 111.8  | 113.8  |
| 80°   | 60.0   | 61.1   | 64.2   | 67.3   | 67.3   | 70.4   | 73.5   | 74.5   | 79.7   | 82.8   | 82.8   |
| 82.5° | 43.5   | 44.5   | 43.5   | 44.5   | 45.5   | 46.6   | 49.7   | 53.8   | 53.8   | 54.9   | 56.9   |
| 85°   | 26.9   | 26.9   | 27.9   | 29.0   | 29.0   | 27.9   | 30.0   | 29.0   | 30.0   | 32.1   | 32.1   |
| 87.5° | 13.5   | 12.4   | 12.4   | 12.4   | 12.4   | 12.4   | 13.5   | 12.4   | 13.5   | 13.5   | 13.5   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

TEST NUMBER: P997118

CATALOG NUMBER: S125RDRP-B850DB2750-4F0-XX-W2A-A\_2700K

**CANDELA DISTRIBUTION (continued):**

|       | 345°   | 350°   | 355°   | 360°   |
|-------|--------|--------|--------|--------|
| 0°    | 1260.6 | 1260.6 | 1260.6 | 1260.6 |
| 2.5°  | 1231.6 | 1241.0 | 1250.3 | 1261.7 |
| 5°    | 1206.8 | 1223.4 | 1241.0 | 1257.5 |
| 7.5°  | 1179.9 | 1203.7 | 1226.5 | 1250.3 |
| 10°   | 1149.9 | 1179.9 | 1205.8 | 1238.9 |
| 12.5° | 1116.8 | 1148.8 | 1185.1 | 1222.3 |
| 15°   | 1083.6 | 1124.0 | 1162.3 | 1204.7 |
| 17.5° | 1052.6 | 1090.9 | 1133.3 | 1184.0 |
| 20°   | 1015.3 | 1057.8 | 1105.4 | 1159.2 |
| 22.5° | 976.0  | 1022.6 | 1074.3 | 1132.3 |
| 25°   | 942.9  | 990.5  | 1040.2 | 1101.2 |
| 27.5° | 906.7  | 956.3  | 1005.0 | 1070.2 |
| 30°   | 865.3  | 919.1  | 968.8  | 1036.0 |
| 32.5° | 825.9  | 879.7  | 934.6  | 997.7  |
| 35°   | 787.6  | 840.4  | 895.3  | 959.4  |
| 37.5° | 751.4  | 799.0  | 852.8  | 910.8  |
| 40°   | 717.2  | 760.7  | 808.3  | 861.1  |
| 42.5° | 673.8  | 724.5  | 769.0  | 807.3  |
| 45°   | 636.5  | 677.9  | 719.3  | 750.4  |
| 47.5° | 593.0  | 634.4  | 669.6  | 694.5  |
| 50°   | 556.8  | 589.9  | 618.9  | 640.7  |
| 52.5° | 513.4  | 544.4  | 568.2  | 584.8  |
| 55°   | 470.9  | 497.8  | 518.5  | 529.9  |
| 57.5° | 432.6  | 450.2  | 465.7  | 476.1  |
| 60°   | 390.2  | 403.6  | 417.1  | 428.5  |
| 62.5° | 344.7  | 359.1  | 366.4  | 378.8  |
| 65°   | 304.3  | 313.6  | 325.0  | 329.1  |
| 67.5° | 265.0  | 270.1  | 277.4  | 285.7  |
| 70°   | 223.6  | 226.7  | 233.9  | 245.3  |
| 72.5° | 187.3  | 190.4  | 195.6  | 199.8  |
| 75°   | 149.0  | 152.1  | 156.3  | 160.4  |
| 77.5° | 117.0  | 118.0  | 120.1  | 124.2  |
| 80°   | 84.9   | 88.0   | 90.0   | 91.1   |
| 82.5° | 59.0   | 60.0   | 60.0   | 61.1   |
| 85°   | 37.3   | 35.2   | 35.2   | 36.2   |
| 87.5° | 13.5   | 15.5   | 15.5   | 17.6   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    |

(END OF REPORT)