

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: P988983

Luminaire Tested: S122RDR-B675DB2750-4F0-XX-W2A-A\_3500K

Issue Date: 5/2/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P988983  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1802-639-29)  
Test Lab: INNOVATION CENTER  
Issue Date: 5/2/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: S122RDR-B675DB2750-4F0-XX-W2A-A\_3500K  
Description: Define 2 Regressed Direct Recessed with 3500K BioUP LEDs {m-DER=0.721} {m-EER=0.792}  
Light Source: -  
Ballast/Driver: -

**Summary**

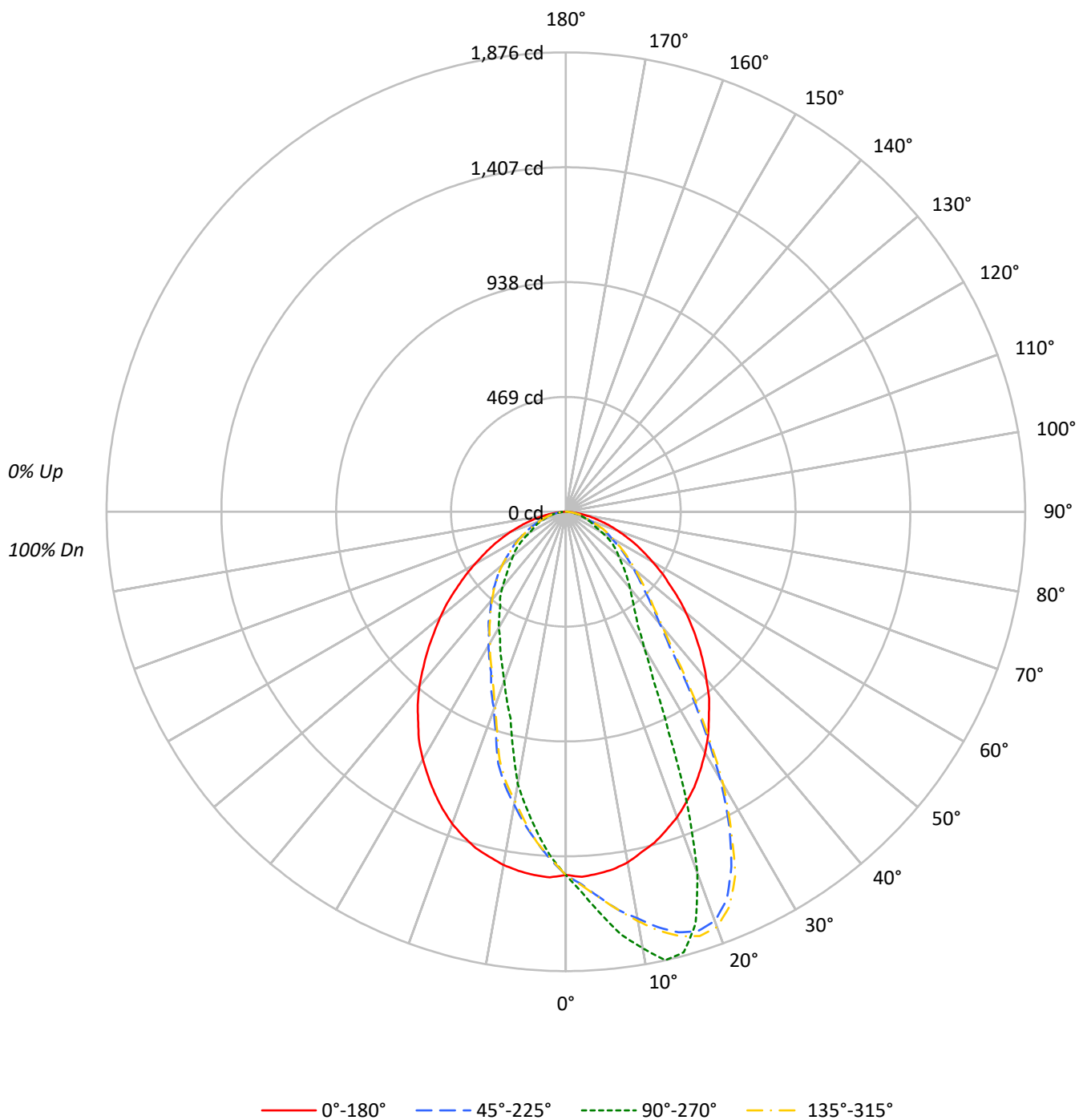
Lumens per Lamp: N/A  
Luminaire Lumens: 2563.0 lumens  
Efficiency: N/A  
Efficacy: 71.4 lumens/watt  
Spacing Criteria (0/90/45): 1.16 / 0.85 / 1.01  
Luminous Opening: Rectangular (W 0.17' x L: 4' x H: 0')  
CIE Type: Direct

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: P988983

CATALOG NUMBER: S122RDR-B675DB2750-4F0-XX-W2A-A\_3500K

### Luminous Intensity Polar Plot



TEST NUMBER: P988983

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**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   | 111 | 106 | 103 | 100 | 108 | 104 | 101 | 98  | 100 | 97  | 95  | 96  | 94  | 92  | 93  | 91  | 89  | 87  |    |    |
| 2   | 102 | 95  | 89  | 84  | 100 | 93  | 88  | 83  | 90  | 85  | 81  | 87  | 83  | 80  | 84  | 81  | 78  | 76  |    |    |
| 3   | 94  | 85  | 78  | 72  | 92  | 84  | 77  | 72  | 81  | 75  | 71  | 78  | 73  | 69  | 76  | 72  | 68  | 66  |    |    |
| 4   | 87  | 77  | 69  | 63  | 85  | 76  | 68  | 63  | 73  | 67  | 62  | 71  | 66  | 61  | 69  | 64  | 60  | 59  |    |    |
| 5   | 81  | 70  | 62  | 56  | 79  | 69  | 61  | 56  | 67  | 60  | 55  | 65  | 59  | 55  | 63  | 58  | 54  | 52  |    |    |
| 6   | 76  | 64  | 56  | 50  | 74  | 63  | 55  | 50  | 61  | 54  | 49  | 60  | 54  | 49  | 58  | 53  | 49  | 47  |    |    |
| 7   | 71  | 59  | 51  | 45  | 69  | 58  | 50  | 45  | 56  | 50  | 45  | 55  | 49  | 44  | 54  | 48  | 44  | 42  |    |    |
| 8   | 66  | 54  | 46  | 41  | 65  | 53  | 46  | 41  | 52  | 45  | 41  | 51  | 45  | 40  | 50  | 44  | 40  | 39  |    |    |
| 9   | 62  | 50  | 43  | 38  | 61  | 50  | 42  | 37  | 49  | 42  | 37  | 47  | 41  | 37  | 47  | 41  | 37  | 35  |    |    |
| 10  | 59  | 47  | 39  | 35  | 58  | 46  | 39  | 35  | 45  | 39  | 34  | 44  | 38  | 34  | 44  | 38  | 34  | 33  |    |    |

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

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 23476 | 23476 | 23476 | 23476 |
| 5°  | 23582 | 26220 | 23665 | 20946 |
| 10° | 23376 | 29090 | 23541 | 18157 |
| 15° | 22920 | 30520 | 23308 | 14306 |
| 20° | 22362 | 26459 | 22847 | 12380 |
| 25° | 21673 | 17354 | 22141 | 11052 |
| 30° | 20779 | 11680 | 21343 | 10004 |
| 35° | 19678 | 9461  | 20315 | 9022  |
| 40° | 18442 | 8412  | 19232 | 8348  |
| 45° | 17119 | 7613  | 17835 | 7452  |
| 50° | 15761 | 6930  | 16497 | 6903  |
| 55° | 14251 | 6513  | 15019 | 6427  |
| 60° | 12920 | 5448  | 13607 | 5385  |
| 65° | 11697 | 4592  | 12390 | 5210  |
| 70° | 10353 | 4244  | 11163 | 4915  |
| 75° | 8954  | 3969  | 9773  | 4538  |
| 80° | 7420  | 3665  | 7985  | 4038  |
| 85° | 5812  | 3378  | 6357  | 3560  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 160°

Vertical Angle: 45°

Luminance: 25771 cd/sqm

TEST NUMBER: P988983

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 140.7  | 5.5       |
| 10°-20°   | 392.7  | 15.3      |
| 20°-30°   | 505.4  | 19.7      |
| 30°-40°   | 479.4  | 18.7      |
| 40°-50°   | 410.9  | 16.0      |
| 50°-60°   | 312.9  | 12.2      |
| 60°-70°   | 197.3  | 7.7       |
| 70°-80°   | 98.4   | 3.8       |
| 80°-90°   | 25.3   | 1.0       |
| 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°    | 1038.7 | 40.5      |
| 0°-40°    | 1518.1 | 59.2      |
| 0°-60°    | 2241.9 | 87.5      |
| 0°-90°    | 2563.0 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 2563.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 90°  | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0°  | 1483 | 1483 | 1483 | 1483 | 1483 |      |
| 5°  | 1484 | 1650 | 1489 | 1318 | 1484 | 141  |
| 15° | 1399 | 1862 | 1422 | 873  | 1399 | 393  |
| 25° | 1241 | 994  | 1268 | 633  | 1241 | 570  |
| 35° | 1018 | 490  | 1051 | 467  | 1018 | 637  |
| 45° | 765  | 340  | 797  | 333  | 765  | 590  |
| 55° | 516  | 236  | 544  | 233  | 516  | 465  |
| 65° | 312  | 123  | 331  | 139  | 312  | 310  |
| 75° | 146  | 65   | 160  | 74   | 146  | 158  |
| 85° | 32   | 19   | 35   | 20   | 32   | 38   |
| 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°    | 1483.1 | 1483.1 | 1483.1 | 1483.1 | 1483.1 | 1483.1 | 1483.1 | 1483.1 | 1483.1 | 1483.1 | 1483.1 |
| 2.5°  | 1492.4 | 1498.6 | 1501.7 | 1505.8 | 1515.1 | 1521.2 | 1530.5 | 1532.6 | 1531.6 | 1535.7 | 1524.3 |
| 5°    | 1484.1 | 1497.5 | 1509.9 | 1520.2 | 1536.7 | 1547.0 | 1558.3 | 1571.7 | 1574.8 | 1590.3 | 1581.0 |
| 7.5°  | 1472.8 | 1492.4 | 1509.9 | 1530.5 | 1555.3 | 1568.7 | 1586.2 | 1606.8 | 1616.1 | 1634.6 | 1639.8 |
| 10°   | 1454.3 | 1482.1 | 1512.0 | 1533.6 | 1567.6 | 1591.3 | 1607.8 | 1640.8 | 1662.4 | 1690.3 | 1686.1 |
| 12.5° | 1424.4 | 1460.4 | 1500.6 | 1536.7 | 1581.0 | 1596.5 | 1627.4 | 1661.4 | 1689.2 | 1715.0 | 1737.7 |
| 15°   | 1398.6 | 1439.8 | 1484.1 | 1528.5 | 1579.0 | 1607.8 | 1638.7 | 1683.1 | 1712.9 | 1758.3 | 1777.9 |
| 17.5° | 1363.6 | 1416.1 | 1468.7 | 1518.2 | 1577.9 | 1610.9 | 1649.0 | 1692.3 | 1736.7 | 1779.9 | 1795.4 |
| 20°   | 1327.5 | 1384.2 | 1440.9 | 1507.8 | 1575.9 | 1607.8 | 1647.0 | 1700.6 | 1743.9 | 1777.9 | 1777.9 |
| 22.5° | 1284.2 | 1353.2 | 1418.2 | 1482.1 | 1556.3 | 1602.7 | 1642.9 | 1705.7 | 1736.7 | 1743.9 | 1716.0 |
| 25°   | 1240.9 | 1310.0 | 1381.1 | 1460.4 | 1545.0 | 1586.2 | 1631.5 | 1690.3 | 1700.6 | 1671.7 | 1599.6 |
| 27.5° | 1189.4 | 1266.7 | 1347.1 | 1432.6 | 1521.2 | 1572.8 | 1614.0 | 1653.2 | 1633.6 | 1556.3 | 1443.9 |
| 30°   | 1136.8 | 1220.3 | 1311.0 | 1392.4 | 1499.6 | 1547.0 | 1582.1 | 1593.4 | 1531.6 | 1405.8 | 1260.5 |
| 32.5° | 1082.2 | 1163.6 | 1259.5 | 1357.4 | 1465.6 | 1510.9 | 1533.6 | 1503.7 | 1390.4 | 1231.6 | 1054.4 |
| 35°   | 1018.3 | 1110.0 | 1210.0 | 1312.0 | 1419.2 | 1453.2 | 1466.6 | 1393.4 | 1248.1 | 1043.0 | 866.8  |
| 37.5° | 960.6  | 1052.3 | 1159.5 | 1263.6 | 1367.7 | 1386.2 | 1372.8 | 1258.4 | 1073.9 | 870.9  | 698.8  |
| 40°   | 892.5  | 990.5  | 1095.6 | 1212.0 | 1297.6 | 1302.7 | 1269.8 | 1121.4 | 892.5  | 701.9  | 595.7  |
| 42.5° | 829.7  | 928.6  | 1033.7 | 1152.3 | 1217.2 | 1199.7 | 1155.4 | 960.6  | 745.2  | 605.0  | 519.4  |
| 45°   | 764.7  | 858.5  | 971.9  | 1077.0 | 1123.4 | 1082.2 | 1015.2 | 808.0  | 625.6  | 520.5  | 454.5  |
| 47.5° | 701.9  | 789.5  | 901.8  | 1002.8 | 1011.1 | 964.7  | 885.3  | 677.1  | 542.1  | 457.6  | 404.0  |
| 50°   | 640.0  | 727.6  | 832.8  | 916.3  | 908.0  | 844.1  | 754.4  | 588.5  | 471.0  | 404.0  | 359.7  |
| 52.5° | 578.2  | 657.6  | 759.6  | 825.6  | 790.5  | 728.7  | 640.0  | 498.8  | 411.2  | 352.5  | 318.5  |
| 55°   | 516.4  | 590.6  | 678.2  | 732.8  | 677.1  | 606.0  | 543.2  | 427.7  | 356.6  | 309.2  | 283.4  |
| 57.5° | 464.8  | 523.6  | 604.0  | 636.9  | 570.0  | 514.3  | 459.7  | 367.9  | 309.2  | 275.2  | 245.3  |
| 60°   | 408.1  | 461.7  | 527.7  | 547.3  | 478.2  | 432.9  | 386.5  | 311.3  | 264.9  | 235.0  | 215.4  |
| 62.5° | 359.7  | 404.0  | 454.5  | 454.5  | 393.7  | 359.7  | 324.7  | 260.8  | 222.6  | 198.9  | 189.6  |
| 65°   | 312.3  | 344.2  | 380.3  | 376.2  | 324.7  | 294.8  | 266.9  | 215.4  | 186.5  | 170.1  | 160.8  |
| 67.5° | 265.9  | 290.6  | 314.3  | 299.9  | 262.8  | 237.1  | 211.3  | 174.2  | 154.6  | 143.3  | 130.9  |
| 70°   | 223.7  | 243.2  | 255.6  | 242.2  | 205.1  | 183.5  | 164.9  | 140.2  | 124.7  | 110.3  | 103.1  |
| 72.5° | 187.6  | 195.8  | 199.9  | 183.5  | 152.5  | 140.2  | 126.8  | 109.2  | 95.9   | 88.6   | 86.6   |
| 75°   | 146.4  | 153.6  | 150.5  | 138.1  | 112.3  | 103.1  | 92.8   | 80.4   | 77.3   | 73.2   | 71.1   |
| 77.5° | 114.4  | 114.4  | 109.2  | 97.9   | 80.4   | 73.2   | 69.1   | 62.9   | 59.8   | 58.7   | 56.7   |
| 80°   | 81.4   | 80.4   | 77.3   | 64.9   | 54.6   | 50.5   | 50.5   | 46.4   | 45.3   | 43.3   | 43.3   |
| 82.5° | 53.6   | 53.6   | 49.5   | 39.2   | 36.1   | 35.0   | 34.0   | 32.0   | 32.0   | 30.9   | 30.9   |
| 85°   | 32.0   | 29.9   | 24.7   | 21.6   | 20.6   | 20.6   | 19.6   | 18.6   | 19.6   | 18.6   | 18.6   |
| 87.5° | 14.4   | 11.3   | 8.2    | 8.2    | 8.2    | 8.2    | 8.2    | 8.2    | 8.2    | 8.2    | 8.2    |
| 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°    | 1483.1 | 1483.1 | 1483.1 | 1483.1 | 1483.1 | 1483.1 | 1483.1 | 1483.1 | 1483.1 | 1483.1 | 1483.1 |
| 2.5°  | 1535.7 | 1537.7 | 1540.8 | 1555.3 | 1557.3 | 1561.4 | 1559.4 | 1559.4 | 1560.4 | 1558.3 | 1559.4 |
| 5°    | 1601.6 | 1604.7 | 1620.2 | 1637.7 | 1641.8 | 1637.7 | 1642.9 | 1650.1 | 1650.1 | 1650.1 | 1648.0 |
| 7.5°  | 1663.5 | 1674.8 | 1692.3 | 1718.1 | 1723.3 | 1728.4 | 1737.7 | 1731.5 | 1733.6 | 1742.8 | 1739.7 |
| 10°   | 1723.3 | 1739.7 | 1759.3 | 1781.0 | 1792.3 | 1799.5 | 1803.6 | 1812.9 | 1834.6 | 1809.8 | 1819.1 |
| 12.5° | 1779.9 | 1803.6 | 1824.3 | 1848.0 | 1856.2 | 1865.5 | 1868.6 | 1876.8 | 1876.8 | 1875.8 | 1883.0 |
| 15°   | 1817.0 | 1838.7 | 1857.2 | 1872.7 | 1874.8 | 1872.7 | 1870.6 | 1871.7 | 1874.8 | 1862.4 | 1869.6 |
| 17.5° | 1825.3 | 1827.3 | 1833.5 | 1827.3 | 1828.4 | 1806.7 | 1794.4 | 1791.3 | 1762.4 | 1763.4 | 1787.2 |
| 20°   | 1785.1 | 1750.1 | 1740.8 | 1706.8 | 1686.1 | 1630.5 | 1628.4 | 1613.0 | 1552.2 | 1570.7 | 1566.6 |
| 22.5° | 1674.8 | 1615.0 | 1535.7 | 1496.5 | 1476.9 | 1418.2 | 1372.8 | 1340.9 | 1319.2 | 1297.6 | 1288.3 |
| 25°   | 1529.5 | 1432.6 | 1320.3 | 1243.0 | 1231.6 | 1177.0 | 1093.5 | 1054.4 | 1008.0 | 993.6  | 1018.3 |
| 27.5° | 1341.9 | 1216.2 | 1089.4 | 970.9  | 949.2  | 899.8  | 857.5  | 829.7  | 776.1  | 773.0  | 775.1  |
| 30°   | 1087.3 | 960.6  | 854.4  | 777.1  | 723.5  | 700.8  | 673.0  | 652.4  | 630.8  | 639.0  | 641.1  |
| 32.5° | 893.6  | 773.0  | 674.0  | 632.8  | 608.1  | 593.7  | 570.0  | 556.6  | 547.3  | 544.2  | 543.2  |
| 35°   | 710.1  | 629.7  | 585.4  | 545.2  | 530.8  | 520.5  | 503.0  | 496.8  | 488.5  | 489.6  | 489.6  |
| 37.5° | 608.1  | 541.1  | 508.1  | 487.5  | 474.1  | 468.9  | 457.6  | 451.4  | 446.3  | 444.2  | 447.3  |
| 40°   | 524.6  | 478.2  | 457.6  | 439.1  | 427.7  | 425.7  | 419.5  | 412.3  | 406.1  | 407.1  | 410.2  |
| 42.5° | 463.8  | 437.0  | 412.3  | 397.8  | 389.6  | 386.5  | 381.3  | 376.2  | 376.2  | 373.1  | 372.1  |
| 45°   | 415.4  | 393.7  | 373.1  | 359.7  | 354.5  | 350.4  | 344.2  | 343.2  | 339.1  | 340.1  | 341.1  |
| 47.5° | 372.1  | 354.5  | 339.1  | 325.7  | 320.5  | 319.5  | 313.3  | 309.2  | 309.2  | 308.2  | 307.1  |
| 50°   | 332.9  | 315.4  | 302.0  | 294.8  | 287.6  | 285.5  | 284.5  | 283.4  | 281.4  | 281.4  | 282.4  |
| 52.5° | 301.0  | 283.4  | 273.1  | 266.9  | 262.8  | 260.8  | 260.8  | 259.7  | 259.7  | 259.7  | 258.7  |
| 55°   | 265.9  | 251.5  | 243.2  | 241.2  | 239.1  | 238.1  | 237.1  | 235.0  | 234.0  | 236.0  | 234.0  |
| 57.5° | 232.9  | 227.8  | 220.6  | 218.5  | 213.3  | 213.3  | 210.3  | 208.2  | 206.1  | 208.2  | 208.2  |
| 60°   | 207.2  | 199.9  | 195.8  | 189.6  | 185.5  | 181.4  | 176.2  | 175.2  | 173.1  | 172.1  | 171.1  |
| 62.5° | 180.4  | 174.2  | 163.9  | 154.6  | 148.4  | 144.3  | 142.2  | 141.2  | 141.2  | 140.2  | 140.2  |
| 65°   | 150.5  | 136.0  | 130.9  | 127.8  | 126.8  | 125.7  | 123.7  | 122.6  | 123.7  | 122.6  | 123.7  |
| 67.5° | 117.5  | 115.4  | 112.3  | 110.3  | 109.2  | 108.2  | 108.2  | 107.2  | 107.2  | 107.2  | 107.2  |
| 70°   | 102.0  | 96.9   | 95.9   | 93.8   | 93.8   | 92.8   | 92.8   | 92.8   | 92.8   | 91.7   | 93.8   |
| 72.5° | 84.5   | 81.4   | 80.4   | 79.4   | 79.4   | 79.4   | 78.3   | 78.3   | 78.3   | 77.3   | 78.3   |
| 75°   | 69.1   | 68.0   | 66.0   | 66.0   | 64.9   | 66.0   | 64.9   | 64.9   | 63.9   | 64.9   | 64.9   |
| 77.5° | 55.7   | 54.6   | 53.6   | 53.6   | 52.6   | 52.6   | 52.6   | 52.6   | 52.6   | 52.6   | 53.6   |
| 80°   | 42.3   | 41.2   | 40.2   | 41.2   | 40.2   | 41.2   | 40.2   | 40.2   | 41.2   | 40.2   | 40.2   |
| 82.5° | 30.9   | 29.9   | 29.9   | 28.9   | 28.9   | 28.9   | 28.9   | 28.9   | 28.9   | 28.9   | 28.9   |
| 85°   | 18.6   | 17.5   | 17.5   | 18.6   | 17.5   | 18.6   | 17.5   | 17.5   | 17.5   | 18.6   | 18.6   |
| 87.5° | 8.2    | 9.3    | 8.2    | 8.2    | 8.2    | 8.2    | 8.2    | 8.2    | 8.2    | 8.2    | 9.3    |
| 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):**

|       | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1483.1 | 1483.1 | 1483.1 | 1483.1 | 1483.1 | 1483.1 | 1483.1 | 1483.1 | 1483.1 | 1483.1 | 1483.1 |
| 2.5°  | 1563.5 | 1556.3 | 1554.2 | 1556.3 | 1554.2 | 1555.3 | 1548.0 | 1521.2 | 1528.5 | 1517.1 | 1523.3 |
| 5°    | 1652.1 | 1646.0 | 1632.6 | 1630.5 | 1628.4 | 1626.4 | 1616.1 | 1592.4 | 1583.1 | 1567.6 | 1566.6 |
| 7.5°  | 1736.7 | 1736.7 | 1726.3 | 1719.1 | 1709.9 | 1702.6 | 1689.2 | 1654.2 | 1639.8 | 1621.2 | 1610.9 |
| 10°   | 1820.1 | 1793.3 | 1804.7 | 1797.5 | 1774.8 | 1770.7 | 1745.9 | 1725.3 | 1697.5 | 1678.9 | 1662.4 |
| 12.5° | 1879.9 | 1871.7 | 1861.4 | 1855.2 | 1849.0 | 1835.6 | 1819.1 | 1766.5 | 1752.1 | 1715.0 | 1696.5 |
| 15°   | 1877.9 | 1872.7 | 1875.8 | 1875.8 | 1873.7 | 1870.6 | 1857.2 | 1819.1 | 1794.4 | 1758.3 | 1726.3 |
| 17.5° | 1776.8 | 1790.2 | 1803.6 | 1812.9 | 1833.5 | 1842.8 | 1855.2 | 1832.5 | 1817.0 | 1786.1 | 1752.1 |
| 20°   | 1600.6 | 1633.6 | 1672.8 | 1681.0 | 1699.5 | 1754.2 | 1778.9 | 1798.5 | 1804.7 | 1794.4 | 1766.5 |
| 22.5° | 1355.3 | 1383.1 | 1478.0 | 1475.9 | 1502.7 | 1567.6 | 1639.8 | 1698.5 | 1744.9 | 1770.7 | 1760.4 |
| 25°   | 1061.6 | 1100.7 | 1151.2 | 1189.4 | 1277.0 | 1373.9 | 1463.5 | 1557.3 | 1637.7 | 1708.8 | 1726.3 |
| 27.5° | 802.9  | 854.4  | 894.6  | 945.1  | 989.4  | 1103.8 | 1219.3 | 1365.6 | 1459.4 | 1594.4 | 1664.5 |
| 30°   | 649.3  | 673.0  | 713.2  | 736.9  | 758.6  | 846.2  | 977.1  | 1121.4 | 1286.3 | 1441.9 | 1562.5 |
| 32.5° | 554.5  | 571.0  | 600.9  | 611.2  | 633.9  | 692.6  | 775.1  | 907.0  | 1077.0 | 1265.6 | 1424.4 |
| 35°   | 497.8  | 515.3  | 521.5  | 530.8  | 549.3  | 586.4  | 643.1  | 739.0  | 892.5  | 1077.0 | 1266.7 |
| 37.5° | 449.4  | 458.6  | 476.2  | 482.3  | 488.5  | 516.4  | 554.5  | 621.5  | 723.5  | 875.0  | 1085.3 |
| 40°   | 415.4  | 420.5  | 429.8  | 434.9  | 439.1  | 458.6  | 492.7  | 538.0  | 613.2  | 728.7  | 922.4  |
| 42.5° | 379.3  | 385.5  | 391.6  | 397.8  | 403.0  | 418.4  | 439.1  | 482.3  | 532.8  | 620.5  | 760.6  |
| 45°   | 344.2  | 348.4  | 355.6  | 359.7  | 366.9  | 379.3  | 397.8  | 427.7  | 473.1  | 528.7  | 642.1  |
| 47.5° | 312.3  | 317.4  | 320.5  | 325.7  | 330.8  | 344.2  | 361.8  | 381.3  | 418.4  | 473.1  | 555.5  |
| 50°   | 283.4  | 289.6  | 293.7  | 294.8  | 298.9  | 311.3  | 325.7  | 347.3  | 371.0  | 413.3  | 485.4  |
| 52.5° | 262.8  | 263.8  | 266.9  | 271.1  | 270.0  | 277.2  | 290.6  | 307.1  | 331.9  | 365.9  | 418.4  |
| 55°   | 239.1  | 242.2  | 244.3  | 245.3  | 245.3  | 251.5  | 258.7  | 274.2  | 293.7  | 321.6  | 365.9  |
| 57.5° | 209.2  | 212.3  | 218.5  | 220.6  | 223.7  | 226.7  | 229.8  | 240.1  | 256.6  | 283.4  | 319.5  |
| 60°   | 178.3  | 180.4  | 186.5  | 190.7  | 192.7  | 201.0  | 205.1  | 213.3  | 222.6  | 242.2  | 276.2  |
| 62.5° | 143.3  | 145.3  | 148.4  | 152.5  | 156.7  | 169.0  | 179.3  | 187.6  | 194.8  | 208.2  | 236.0  |
| 65°   | 124.7  | 125.7  | 127.8  | 128.8  | 129.9  | 135.0  | 144.3  | 155.6  | 169.0  | 179.3  | 195.8  |
| 67.5° | 108.2  | 109.2  | 110.3  | 112.3  | 113.4  | 114.4  | 118.5  | 121.6  | 135.0  | 149.4  | 161.8  |
| 70°   | 92.8   | 94.8   | 95.9   | 95.9   | 96.9   | 98.9   | 101.0  | 105.1  | 109.2  | 116.5  | 131.9  |
| 72.5° | 78.3   | 79.4   | 81.4   | 81.4   | 81.4   | 83.5   | 85.5   | 87.6   | 89.7   | 93.8   | 100.0  |
| 75°   | 64.9   | 67.0   | 67.0   | 67.0   | 68.0   | 68.0   | 70.1   | 72.1   | 74.2   | 77.3   | 79.4   |
| 77.5° | 53.6   | 53.6   | 53.6   | 53.6   | 54.6   | 54.6   | 55.7   | 57.7   | 58.7   | 59.8   | 61.8   |
| 80°   | 40.2   | 41.2   | 41.2   | 41.2   | 42.3   | 42.3   | 42.3   | 44.3   | 45.3   | 45.3   | 47.4   |
| 82.5° | 29.9   | 29.9   | 29.9   | 30.9   | 29.9   | 30.9   | 30.9   | 32.0   | 30.9   | 32.0   | 33.0   |
| 85°   | 18.6   | 18.6   | 18.6   | 19.6   | 19.6   | 19.6   | 19.6   | 19.6   | 19.6   | 19.6   | 20.6   |
| 87.5° | 9.3    | 9.3    | 9.3    | 9.3    | 9.3    | 9.3    | 9.3    | 9.3    | 10.3   | 9.3    | 9.3    |
| 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):**

|       | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1483.1 | 1483.1 | 1483.1 | 1483.1 | 1483.1 | 1483.1 | 1483.1 | 1483.1 | 1483.1 | 1483.1 | 1483.1 |
| 2.5°  | 1514.0 | 1508.9 | 1508.9 | 1505.8 | 1505.8 | 1489.3 | 1489.3 | 1494.4 | 1488.3 | 1481.0 | 1470.7 |
| 5°    | 1553.2 | 1541.9 | 1538.8 | 1534.6 | 1521.2 | 1500.6 | 1492.4 | 1489.3 | 1476.9 | 1461.5 | 1443.9 |
| 7.5°  | 1590.3 | 1571.7 | 1562.5 | 1553.2 | 1535.7 | 1506.8 | 1490.3 | 1479.0 | 1460.4 | 1436.7 | 1414.1 |
| 10°   | 1626.4 | 1602.7 | 1579.0 | 1567.6 | 1542.9 | 1506.8 | 1483.1 | 1464.6 | 1437.8 | 1405.8 | 1373.9 |
| 12.5° | 1659.4 | 1609.9 | 1605.8 | 1583.1 | 1547.0 | 1505.8 | 1469.7 | 1442.9 | 1408.9 | 1371.8 | 1334.7 |
| 15°   | 1688.2 | 1637.7 | 1613.0 | 1592.4 | 1545.0 | 1493.4 | 1455.3 | 1422.3 | 1377.0 | 1334.7 | 1289.3 |
| 17.5° | 1702.6 | 1648.0 | 1631.5 | 1597.5 | 1549.1 | 1482.1 | 1430.5 | 1390.4 | 1340.9 | 1290.4 | 1238.8 |
| 20°   | 1717.1 | 1653.2 | 1626.4 | 1602.7 | 1536.7 | 1460.4 | 1402.7 | 1356.3 | 1301.7 | 1241.9 | 1185.3 |
| 22.5° | 1724.3 | 1653.2 | 1621.2 | 1588.2 | 1524.3 | 1436.7 | 1368.7 | 1314.1 | 1250.2 | 1189.4 | 1121.4 |
| 25°   | 1711.9 | 1647.0 | 1608.9 | 1574.8 | 1502.7 | 1407.9 | 1329.5 | 1267.7 | 1199.7 | 1130.6 | 1061.6 |
| 27.5° | 1681.0 | 1632.6 | 1588.2 | 1553.2 | 1472.8 | 1370.8 | 1288.3 | 1218.2 | 1148.1 | 1070.8 | 1000.8 |
| 30°   | 1623.3 | 1601.6 | 1566.6 | 1527.4 | 1439.8 | 1337.8 | 1239.9 | 1167.7 | 1090.4 | 1013.1 | 940.0  |
| 32.5° | 1533.6 | 1552.2 | 1529.5 | 1495.5 | 1400.7 | 1292.4 | 1188.3 | 1115.2 | 1030.7 | 947.2  | 880.2  |
| 35°   | 1424.4 | 1490.3 | 1478.0 | 1454.3 | 1359.4 | 1244.0 | 1139.9 | 1051.3 | 966.8  | 882.2  | 815.2  |
| 37.5° | 1304.8 | 1404.8 | 1415.1 | 1400.7 | 1312.0 | 1194.5 | 1080.1 | 993.6  | 907.0  | 821.4  | 753.4  |
| 40°   | 1140.9 | 1294.5 | 1327.5 | 1333.7 | 1262.6 | 1134.8 | 1015.2 | 930.7  | 845.1  | 761.7  | 679.2  |
| 42.5° | 990.5  | 1184.2 | 1225.4 | 1251.2 | 1199.7 | 1076.0 | 955.4  | 861.6  | 777.1  | 701.9  | 619.4  |
| 45°   | 849.3  | 1051.3 | 1118.3 | 1151.2 | 1128.6 | 1009.0 | 884.3  | 796.7  | 719.4  | 650.3  | 571.0  |
| 47.5° | 703.9  | 907.0  | 1000.8 | 1053.3 | 1053.3 | 941.0  | 816.3  | 729.7  | 655.5  | 596.7  | 526.7  |
| 50°   | 607.1  | 776.1  | 873.0  | 942.0  | 960.6  | 871.9  | 754.4  | 669.9  | 599.8  | 535.9  | 482.3  |
| 52.5° | 517.4  | 668.9  | 749.3  | 821.4  | 875.0  | 797.7  | 685.4  | 609.1  | 540.1  | 480.3  | 438.0  |
| 55°   | 447.3  | 560.7  | 633.9  | 713.2  | 773.0  | 722.5  | 618.4  | 544.2  | 484.4  | 434.9  | 398.9  |
| 57.5° | 380.3  | 479.3  | 539.0  | 609.1  | 673.0  | 634.9  | 551.4  | 487.5  | 434.9  | 391.6  | 359.7  |
| 60°   | 323.6  | 404.0  | 450.4  | 505.0  | 584.4  | 557.6  | 488.5  | 429.8  | 387.5  | 348.4  | 321.6  |
| 62.5° | 275.2  | 339.1  | 378.3  | 417.4  | 489.6  | 477.2  | 423.6  | 378.3  | 342.2  | 309.2  | 286.5  |
| 65°   | 225.7  | 278.3  | 309.2  | 343.2  | 400.9  | 406.1  | 362.8  | 330.8  | 297.9  | 269.0  | 248.4  |
| 67.5° | 182.4  | 223.7  | 251.5  | 280.3  | 326.7  | 341.1  | 311.3  | 284.5  | 256.6  | 232.9  | 214.4  |
| 70°   | 147.4  | 176.2  | 196.9  | 219.5  | 257.7  | 275.2  | 259.7  | 241.2  | 218.5  | 198.9  | 182.4  |
| 72.5° | 116.5  | 135.0  | 147.4  | 164.9  | 195.8  | 213.3  | 212.3  | 195.8  | 179.3  | 165.9  | 152.5  |
| 75°   | 85.5   | 100.0  | 110.3  | 121.6  | 146.4  | 162.8  | 167.0  | 159.8  | 143.3  | 133.0  | 122.6  |
| 77.5° | 64.9   | 73.2   | 78.3   | 86.6   | 104.1  | 118.5  | 124.7  | 122.6  | 111.3  | 103.1  | 95.9   |
| 80°   | 49.5   | 51.5   | 53.6   | 56.7   | 71.1   | 84.5   | 88.6   | 87.6   | 81.4   | 78.3   | 70.1   |
| 82.5° | 35.0   | 36.1   | 37.1   | 38.1   | 43.3   | 54.6   | 58.7   | 60.8   | 55.7   | 52.6   | 45.3   |
| 85°   | 20.6   | 21.6   | 21.6   | 23.7   | 24.7   | 27.8   | 35.0   | 35.0   | 34.0   | 29.9   | 28.9   |
| 87.5° | 10.3   | 10.3   | 9.3    | 9.3    | 10.3   | 11.3   | 13.4   | 15.5   | 13.4   | 12.4   | 11.3   |
| 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):**

|       | 200°   | 202.5° | 205°   | 210°   | 215°   | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1483.1 | 1483.1 | 1483.1 | 1483.1 | 1483.1 | 1483.1 | 1483.1 | 1483.1 | 1483.1 | 1483.1 | 1483.1 |
| 2.5°  | 1466.6 | 1467.7 | 1470.7 | 1461.5 | 1447.0 | 1440.9 | 1422.3 | 1419.2 | 1416.1 | 1416.1 | 1419.2 |
| 5°    | 1433.6 | 1429.5 | 1430.5 | 1413.0 | 1392.4 | 1380.0 | 1354.3 | 1358.4 | 1345.0 | 1336.8 | 1338.8 |
| 7.5°  | 1397.6 | 1386.2 | 1385.2 | 1362.5 | 1336.8 | 1314.1 | 1287.3 | 1281.1 | 1268.7 | 1254.3 | 1248.1 |
| 10°   | 1352.2 | 1344.0 | 1328.5 | 1302.7 | 1269.8 | 1251.2 | 1215.1 | 1193.5 | 1190.4 | 1168.8 | 1160.5 |
| 12.5° | 1305.8 | 1291.4 | 1275.9 | 1239.9 | 1202.8 | 1172.9 | 1146.1 | 1122.4 | 1105.9 | 1087.3 | 1075.0 |
| 15°   | 1252.2 | 1234.7 | 1217.2 | 1179.1 | 1135.8 | 1105.9 | 1065.7 | 1030.7 | 982.2  | 944.1  | 922.4  |
| 17.5° | 1193.5 | 1173.9 | 1150.2 | 1108.0 | 1065.7 | 1024.5 | 950.3  | 909.0  | 875.0  | 852.4  | 839.0  |
| 20°   | 1132.7 | 1111.0 | 1087.3 | 1045.1 | 971.9  | 899.8  | 858.5  | 826.6  | 806.0  | 783.3  | 766.8  |
| 22.5° | 1068.8 | 1046.1 | 1020.3 | 954.4  | 877.1  | 826.6  | 794.6  | 764.7  | 734.9  | 722.5  | 714.2  |
| 25°   | 1009.0 | 988.4  | 955.4  | 865.7  | 804.9  | 758.6  | 722.5  | 702.9  | 687.4  | 671.0  | 655.5  |
| 27.5° | 947.2  | 909.0  | 862.7  | 787.4  | 749.3  | 701.9  | 676.1  | 661.7  | 634.9  | 623.5  | 616.3  |
| 30°   | 873.0  | 830.7  | 786.4  | 732.8  | 688.5  | 655.5  | 631.8  | 608.1  | 592.6  | 581.3  | 568.9  |
| 32.5° | 797.7  | 757.5  | 729.7  | 674.0  | 641.1  | 607.1  | 584.4  | 570.0  | 547.3  | 540.1  | 534.9  |
| 35°   | 732.8  | 698.8  | 674.0  | 628.7  | 597.8  | 566.9  | 550.4  | 528.7  | 514.3  | 500.9  | 492.7  |
| 37.5° | 668.9  | 650.3  | 624.6  | 586.4  | 553.5  | 528.7  | 506.1  | 498.8  | 479.3  | 472.0  | 463.8  |
| 40°   | 624.6  | 596.7  | 575.1  | 542.1  | 514.3  | 487.5  | 473.1  | 456.6  | 443.2  | 431.8  | 428.8  |
| 42.5° | 571.0  | 550.4  | 538.0  | 501.9  | 473.1  | 457.6  | 440.1  | 421.5  | 411.2  | 402.0  | 390.6  |
| 45°   | 530.8  | 512.2  | 494.7  | 465.9  | 440.1  | 420.5  | 405.0  | 392.7  | 375.2  | 371.0  | 353.5  |
| 47.5° | 488.5  | 470.0  | 456.6  | 427.7  | 404.0  | 385.5  | 374.1  | 357.6  | 343.2  | 333.9  | 325.7  |
| 50°   | 446.3  | 430.8  | 418.4  | 393.7  | 373.1  | 353.5  | 338.1  | 321.6  | 315.4  | 299.9  | 294.8  |
| 52.5° | 406.1  | 395.8  | 382.4  | 358.7  | 338.1  | 321.6  | 305.1  | 291.7  | 282.4  | 274.2  | 268.0  |
| 55°   | 372.1  | 355.6  | 349.4  | 323.6  | 306.1  | 288.6  | 274.2  | 265.9  | 254.6  | 249.4  | 244.3  |
| 57.5° | 333.9  | 324.7  | 314.3  | 294.8  | 275.2  | 258.7  | 248.4  | 236.0  | 229.8  | 223.7  | 219.5  |
| 60°   | 301.0  | 287.6  | 279.3  | 262.8  | 245.3  | 229.8  | 220.6  | 211.3  | 203.0  | 197.9  | 189.6  |
| 62.5° | 262.8  | 252.5  | 247.4  | 229.8  | 215.4  | 201.0  | 192.7  | 183.5  | 177.3  | 168.0  | 157.7  |
| 65°   | 229.8  | 221.6  | 215.4  | 201.0  | 187.6  | 174.2  | 165.9  | 154.6  | 146.4  | 141.2  | 140.2  |
| 67.5° | 201.0  | 194.8  | 185.5  | 172.1  | 158.7  | 148.4  | 139.1  | 129.9  | 128.8  | 126.8  | 126.8  |
| 70°   | 169.0  | 162.8  | 157.7  | 143.3  | 131.9  | 120.6  | 118.5  | 115.4  | 112.3  | 111.3  | 109.2  |
| 72.5° | 141.2  | 136.0  | 129.9  | 117.5  | 106.2  | 103.1  | 101.0  | 98.9   | 95.9   | 94.8   | 93.8   |
| 75°   | 114.4  | 107.2  | 103.1  | 91.7   | 88.6   | 86.6   | 84.5   | 81.4   | 79.4   | 78.3   | 76.3   |
| 77.5° | 87.6   | 80.4   | 80.4   | 74.2   | 72.1   | 69.1   | 67.0   | 64.9   | 63.9   | 61.8   | 61.8   |
| 80°   | 61.8   | 61.8   | 59.8   | 56.7   | 53.6   | 52.6   | 49.5   | 48.4   | 47.4   | 48.4   | 46.4   |
| 82.5° | 45.3   | 41.2   | 41.2   | 39.2   | 37.1   | 36.1   | 34.0   | 34.0   | 33.0   | 33.0   | 33.0   |
| 85°   | 25.8   | 25.8   | 24.7   | 22.7   | 21.6   | 21.6   | 20.6   | 20.6   | 19.6   | 19.6   | 18.6   |
| 87.5° | 10.3   | 9.3    | 10.3   | 9.3    | 9.3    | 8.2    | 8.2    | 8.2    | 7.2    | 8.2    | 7.2    |
| 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°    | 1483.1 | 1483.1 | 1483.1 | 1483.1 | 1483.1 | 1483.1 | 1483.1 | 1483.1 | 1483.1 | 1483.1 | 1483.1 |
| 2.5°  | 1419.2 | 1417.1 | 1411.0 | 1413.0 | 1409.9 | 1409.9 | 1407.9 | 1407.9 | 1407.9 | 1413.0 | 1409.9 |
| 5°    | 1341.9 | 1334.7 | 1327.5 | 1324.4 | 1321.3 | 1318.2 | 1318.2 | 1317.2 | 1326.5 | 1324.4 | 1332.6 |
| 7.5°  | 1246.1 | 1244.0 | 1229.6 | 1229.6 | 1224.4 | 1222.4 | 1227.5 | 1228.5 | 1229.6 | 1231.6 | 1236.8 |
| 10°   | 1160.5 | 1155.4 | 1134.8 | 1136.8 | 1133.7 | 1129.6 | 1132.7 | 1130.6 | 1137.8 | 1139.9 | 1137.8 |
| 12.5° | 1059.5 | 1050.2 | 1027.6 | 1016.2 | 1003.9 | 994.6  | 1005.9 | 997.7  | 1026.5 | 1034.8 | 1057.5 |
| 15°   | 925.5  | 908.0  | 892.5  | 892.5  | 881.2  | 873.0  | 878.1  | 887.4  | 893.6  | 902.9  | 907.0  |
| 17.5° | 835.9  | 828.6  | 816.3  | 809.1  | 806.0  | 802.9  | 802.9  | 807.0  | 820.4  | 819.4  | 827.6  |
| 20°   | 759.6  | 755.5  | 749.3  | 740.0  | 736.9  | 734.9  | 734.9  | 734.9  | 744.1  | 752.4  | 757.5  |
| 22.5° | 707.0  | 703.9  | 699.8  | 687.4  | 681.3  | 679.2  | 684.4  | 687.4  | 694.7  | 700.8  | 706.0  |
| 25°   | 654.5  | 647.3  | 640.0  | 635.9  | 632.8  | 632.8  | 634.9  | 635.9  | 639.0  | 642.1  | 648.3  |
| 27.5° | 611.2  | 606.0  | 595.7  | 584.4  | 584.4  | 581.3  | 583.4  | 585.4  | 592.6  | 602.9  | 608.1  |
| 30°   | 562.7  | 561.7  | 557.6  | 553.5  | 549.3  | 547.3  | 551.4  | 554.5  | 555.5  | 560.7  | 560.7  |
| 32.5° | 527.7  | 520.5  | 513.3  | 509.1  | 507.1  | 506.1  | 507.1  | 511.2  | 511.2  | 517.4  | 524.6  |
| 35°   | 492.7  | 488.5  | 481.3  | 474.1  | 472.0  | 466.9  | 471.0  | 475.1  | 482.3  | 485.4  | 488.5  |
| 37.5° | 454.5  | 449.4  | 446.3  | 444.2  | 440.1  | 441.1  | 438.0  | 444.2  | 450.4  | 449.4  | 451.4  |
| 40°   | 425.7  | 416.4  | 407.1  | 406.1  | 405.0  | 404.0  | 404.0  | 405.0  | 409.2  | 413.3  | 419.5  |
| 42.5° | 388.6  | 385.5  | 377.2  | 369.0  | 366.9  | 364.9  | 362.8  | 366.9  | 375.2  | 382.4  | 385.5  |
| 45°   | 350.4  | 346.3  | 344.2  | 338.1  | 333.9  | 332.9  | 330.8  | 336.0  | 343.2  | 346.3  | 348.4  |
| 47.5° | 315.4  | 314.3  | 308.2  | 309.2  | 306.1  | 307.1  | 306.1  | 309.2  | 309.2  | 312.3  | 314.3  |
| 50°   | 291.7  | 288.6  | 285.5  | 283.4  | 280.3  | 280.3  | 279.3  | 280.3  | 284.5  | 288.6  | 287.6  |
| 52.5° | 268.0  | 262.8  | 261.8  | 260.8  | 258.7  | 260.8  | 257.7  | 258.7  | 262.8  | 264.9  | 263.8  |
| 55°   | 240.1  | 239.1  | 237.1  | 235.0  | 234.0  | 232.9  | 232.9  | 232.9  | 237.1  | 240.1  | 241.2  |
| 57.5° | 218.5  | 213.3  | 209.2  | 209.2  | 205.1  | 204.1  | 206.1  | 207.2  | 210.3  | 212.3  | 214.4  |
| 60°   | 188.6  | 186.5  | 180.4  | 177.3  | 171.1  | 170.1  | 170.1  | 174.2  | 179.3  | 186.5  | 188.6  |
| 62.5° | 156.7  | 153.6  | 152.5  | 152.5  | 152.5  | 152.5  | 152.5  | 152.5  | 152.5  | 153.6  | 153.6  |
| 65°   | 139.1  | 140.2  | 139.1  | 138.1  | 139.1  | 139.1  | 138.1  | 138.1  | 138.1  | 139.1  | 140.2  |
| 67.5° | 124.7  | 123.7  | 124.7  | 123.7  | 122.6  | 122.6  | 121.6  | 122.6  | 123.7  | 124.7  | 124.7  |
| 70°   | 108.2  | 108.2  | 107.2  | 108.2  | 107.2  | 106.2  | 105.1  | 105.1  | 107.2  | 108.2  | 108.2  |
| 72.5° | 92.8   | 92.8   | 91.7   | 91.7   | 89.7   | 89.7   | 90.7   | 89.7   | 89.7   | 92.8   | 92.8   |
| 75°   | 77.3   | 76.3   | 75.2   | 75.2   | 74.2   | 74.2   | 74.2   | 73.2   | 75.2   | 75.2   | 76.3   |
| 77.5° | 60.8   | 60.8   | 60.8   | 59.8   | 59.8   | 58.7   | 58.7   | 59.8   | 59.8   | 59.8   | 60.8   |
| 80°   | 46.4   | 46.4   | 46.4   | 45.3   | 44.3   | 44.3   | 44.3   | 44.3   | 44.3   | 45.3   | 44.3   |
| 82.5° | 32.0   | 32.0   | 32.0   | 32.0   | 32.0   | 30.9   | 30.9   | 30.9   | 32.0   | 32.0   | 30.9   |
| 85°   | 19.6   | 18.6   | 19.6   | 19.6   | 18.6   | 19.6   | 18.6   | 18.6   | 17.5   | 17.5   | 18.6   |
| 87.5° | 8.2    | 7.2    | 6.2    | 6.2    | 7.2    | 6.2    | 6.2    | 6.2    | 7.2    | 6.2    | 6.2    |
| 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: P988983

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**CANDELA DISTRIBUTION (continued):**

|       | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 337.5° | 340°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1483.1 | 1483.1 | 1483.1 | 1483.1 | 1483.1 | 1483.1 | 1483.1 | 1483.1 | 1483.1 | 1483.1 | 1483.1 |
| 2.5°  | 1413.0 | 1418.2 | 1416.1 | 1404.8 | 1416.1 | 1419.2 | 1425.4 | 1431.6 | 1435.7 | 1441.9 | 1447.0 |
| 5°    | 1324.4 | 1334.7 | 1340.9 | 1334.7 | 1355.3 | 1358.4 | 1372.8 | 1381.1 | 1393.4 | 1403.8 | 1412.0 |
| 7.5°  | 1240.9 | 1249.2 | 1261.5 | 1263.6 | 1275.9 | 1290.4 | 1311.0 | 1331.6 | 1351.2 | 1361.5 | 1370.8 |
| 10°   | 1151.2 | 1165.7 | 1184.2 | 1180.1 | 1198.7 | 1221.3 | 1243.0 | 1275.9 | 1292.4 | 1311.0 | 1327.5 |
| 12.5° | 1061.6 | 1070.8 | 1095.6 | 1103.8 | 1130.6 | 1148.1 | 1178.0 | 1198.7 | 1239.9 | 1261.5 | 1275.9 |
| 15°   | 904.9  | 943.0  | 974.0  | 1011.1 | 1046.1 | 1079.1 | 1105.9 | 1143.0 | 1179.1 | 1195.6 | 1219.3 |
| 17.5° | 833.8  | 851.3  | 869.9  | 888.4  | 933.8  | 992.5  | 1039.9 | 1080.1 | 1111.0 | 1132.7 | 1160.5 |
| 20°   | 759.6  | 777.1  | 797.7  | 815.2  | 843.1  | 885.3  | 944.1  | 1013.1 | 1050.2 | 1072.9 | 1099.7 |
| 22.5° | 707.0  | 723.5  | 736.9  | 752.4  | 774.0  | 804.9  | 849.3  | 934.8  | 984.3  | 1012.1 | 1035.8 |
| 25°   | 650.3  | 671.0  | 685.4  | 696.7  | 714.2  | 748.3  | 784.3  | 832.8  | 921.4  | 943.0  | 976.0  |
| 27.5° | 611.2  | 617.4  | 633.9  | 651.4  | 668.9  | 687.4  | 724.5  | 765.8  | 825.6  | 873.0  | 913.2  |
| 30°   | 564.8  | 580.3  | 595.7  | 602.9  | 618.4  | 645.2  | 667.9  | 712.2  | 758.6  | 795.7  | 844.1  |
| 32.5° | 529.8  | 539.0  | 549.3  | 566.9  | 581.3  | 599.8  | 622.5  | 659.6  | 698.8  | 722.5  | 759.6  |
| 35°   | 490.6  | 496.8  | 518.4  | 525.6  | 540.1  | 558.6  | 581.3  | 610.1  | 652.4  | 671.0  | 697.8  |
| 37.5° | 453.5  | 467.9  | 474.1  | 490.6  | 504.0  | 522.5  | 539.0  | 572.0  | 599.8  | 621.5  | 646.2  |
| 40°   | 424.6  | 430.8  | 442.2  | 456.6  | 467.9  | 482.3  | 503.0  | 526.7  | 556.6  | 574.1  | 595.7  |
| 42.5° | 389.6  | 394.7  | 409.2  | 417.4  | 436.0  | 449.4  | 461.7  | 490.6  | 517.4  | 530.8  | 552.4  |
| 45°   | 351.5  | 363.8  | 373.1  | 389.6  | 399.9  | 416.4  | 431.8  | 452.5  | 477.2  | 492.7  | 505.0  |
| 47.5° | 318.5  | 330.8  | 340.1  | 355.6  | 372.1  | 379.3  | 395.8  | 417.4  | 440.1  | 452.5  | 470.0  |
| 50°   | 291.7  | 295.8  | 313.3  | 320.5  | 338.1  | 352.5  | 363.8  | 382.4  | 407.1  | 414.3  | 428.8  |
| 52.5° | 265.9  | 269.0  | 280.3  | 289.6  | 305.1  | 317.4  | 331.9  | 349.4  | 370.0  | 381.3  | 392.7  |
| 55°   | 243.2  | 245.3  | 250.4  | 260.8  | 271.1  | 286.5  | 299.9  | 316.4  | 333.9  | 346.3  | 356.6  |
| 57.5° | 217.5  | 221.6  | 225.7  | 231.9  | 242.2  | 256.6  | 271.1  | 286.5  | 301.0  | 309.2  | 322.6  |
| 60°   | 187.6  | 193.8  | 201.0  | 208.2  | 215.4  | 225.7  | 242.2  | 256.6  | 270.0  | 277.2  | 287.6  |
| 62.5° | 155.6  | 168.0  | 174.2  | 182.4  | 188.6  | 197.9  | 210.3  | 226.7  | 236.0  | 245.3  | 253.5  |
| 65°   | 140.2  | 141.2  | 142.2  | 150.5  | 161.8  | 171.1  | 182.4  | 194.8  | 209.2  | 215.4  | 221.6  |
| 67.5° | 124.7  | 125.7  | 127.8  | 128.8  | 133.0  | 143.3  | 155.6  | 169.0  | 180.4  | 184.5  | 190.7  |
| 70°   | 109.2  | 109.2  | 113.4  | 114.4  | 115.4  | 116.5  | 126.8  | 140.2  | 150.5  | 155.6  | 162.8  |
| 72.5° | 92.8   | 93.8   | 95.9   | 96.9   | 98.9   | 101.0  | 104.1  | 111.3  | 123.7  | 128.8  | 137.1  |
| 75°   | 76.3   | 77.3   | 78.3   | 79.4   | 82.5   | 83.5   | 86.6   | 90.7   | 95.9   | 102.0  | 107.2  |
| 77.5° | 60.8   | 60.8   | 61.8   | 63.9   | 66.0   | 67.0   | 70.1   | 72.1   | 74.2   | 77.3   | 81.4   |
| 80°   | 45.3   | 46.4   | 46.4   | 48.4   | 48.4   | 49.5   | 50.5   | 53.6   | 55.7   | 57.7   | 59.8   |
| 82.5° | 30.9   | 33.0   | 33.0   | 33.0   | 34.0   | 35.0   | 36.1   | 36.1   | 38.1   | 39.2   | 42.3   |
| 85°   | 18.6   | 19.6   | 19.6   | 19.6   | 18.6   | 20.6   | 20.6   | 21.6   | 21.6   | 21.6   | 22.7   |
| 87.5° | 7.2    | 6.2    | 7.2    | 7.2    | 7.2    | 8.2    | 7.2    | 7.2    | 8.2    | 9.3    | 9.3    |
| 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: P988983

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**CANDELA DISTRIBUTION (continued):**

|       | 345°   | 350°   | 355°   | 360°   |
|-------|--------|--------|--------|--------|
| 0°    | 1483.1 | 1483.1 | 1483.1 | 1483.1 |
| 2.5°  | 1456.3 | 1453.2 | 1471.8 | 1492.4 |
| 5°    | 1426.4 | 1431.6 | 1455.3 | 1484.1 |
| 7.5°  | 1395.5 | 1406.8 | 1434.7 | 1472.8 |
| 10°   | 1352.2 | 1372.8 | 1415.1 | 1454.3 |
| 12.5° | 1310.0 | 1337.8 | 1378.0 | 1424.4 |
| 15°   | 1262.6 | 1293.5 | 1342.9 | 1398.6 |
| 17.5° | 1210.0 | 1245.0 | 1302.7 | 1363.6 |
| 20°   | 1154.3 | 1200.7 | 1261.5 | 1327.5 |
| 22.5° | 1092.5 | 1148.1 | 1211.0 | 1284.2 |
| 25°   | 1032.7 | 1093.5 | 1156.4 | 1240.9 |
| 27.5° | 974.0  | 1033.7 | 1103.8 | 1189.4 |
| 30°   | 915.2  | 969.8  | 1045.1 | 1136.8 |
| 32.5° | 852.4  | 909.0  | 988.4  | 1082.2 |
| 35°   | 794.6  | 851.3  | 925.5  | 1018.3 |
| 37.5° | 732.8  | 793.6  | 864.7  | 960.6  |
| 40°   | 660.6  | 731.8  | 800.8  | 892.5  |
| 42.5° | 600.9  | 676.1  | 743.1  | 829.7  |
| 45°   | 553.5  | 624.6  | 680.2  | 764.7  |
| 47.5° | 509.1  | 566.9  | 623.5  | 701.9  |
| 50°   | 466.9  | 511.2  | 570.0  | 640.0  |
| 52.5° | 423.6  | 461.7  | 512.2  | 578.2  |
| 55°   | 384.4  | 420.5  | 465.9  | 516.4  |
| 57.5° | 348.4  | 374.1  | 419.5  | 464.8  |
| 60°   | 308.2  | 335.0  | 370.0  | 408.1  |
| 62.5° | 274.2  | 294.8  | 327.7  | 359.7  |
| 65°   | 238.1  | 257.7  | 282.4  | 312.3  |
| 67.5° | 205.1  | 222.6  | 242.2  | 265.9  |
| 70°   | 175.2  | 188.6  | 203.0  | 223.7  |
| 72.5° | 143.3  | 157.7  | 171.1  | 187.6  |
| 75°   | 117.5  | 123.7  | 135.0  | 146.4  |
| 77.5° | 90.7   | 98.9   | 105.1  | 114.4  |
| 80°   | 64.9   | 72.1   | 74.2   | 81.4   |
| 82.5° | 43.3   | 47.4   | 51.5   | 53.6   |
| 85°   | 24.7   | 26.8   | 30.9   | 32.0   |
| 87.5° | 9.3    | 10.3   | 12.4   | 14.4   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    |

(END OF REPORT)