

Scaled data based on original data using  
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State  
Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions  
(formerly Eaton)

Brand: PORTFOLIO

Report Number: P248956

Luminaire Tested: **LSR8B60D010 EC8B609727 8LBSW0B**

Issue Date: 03/03/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P248956  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P13958)  
Test Lab: INNOVATION CENTER-P1  
Issue Date: 03/03/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: PORTFOLIO  
Catalog Number: LSR8B60D010 EC8B609727 8LBSW0B  
Description: PORTFOLIO 8 INCH SINGLE WALL WASH DISTRIBUTION 60 DEGREE CUTOFF  
RECESSED DOWNLIGHT- CYLINDEC  
97 CRI 2700 CCT WITH SPECULAR BLACK TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 3318.0 lumens  
Efficiency: N/A  
Efficacy: 55.8 lumens/watt  
Spacing Criteria (0/90/45): 1.2 / 1.23 / 1.15  
Luminous Opening: Point Source (0' x 0' x 0')  
CIE Type: Direct

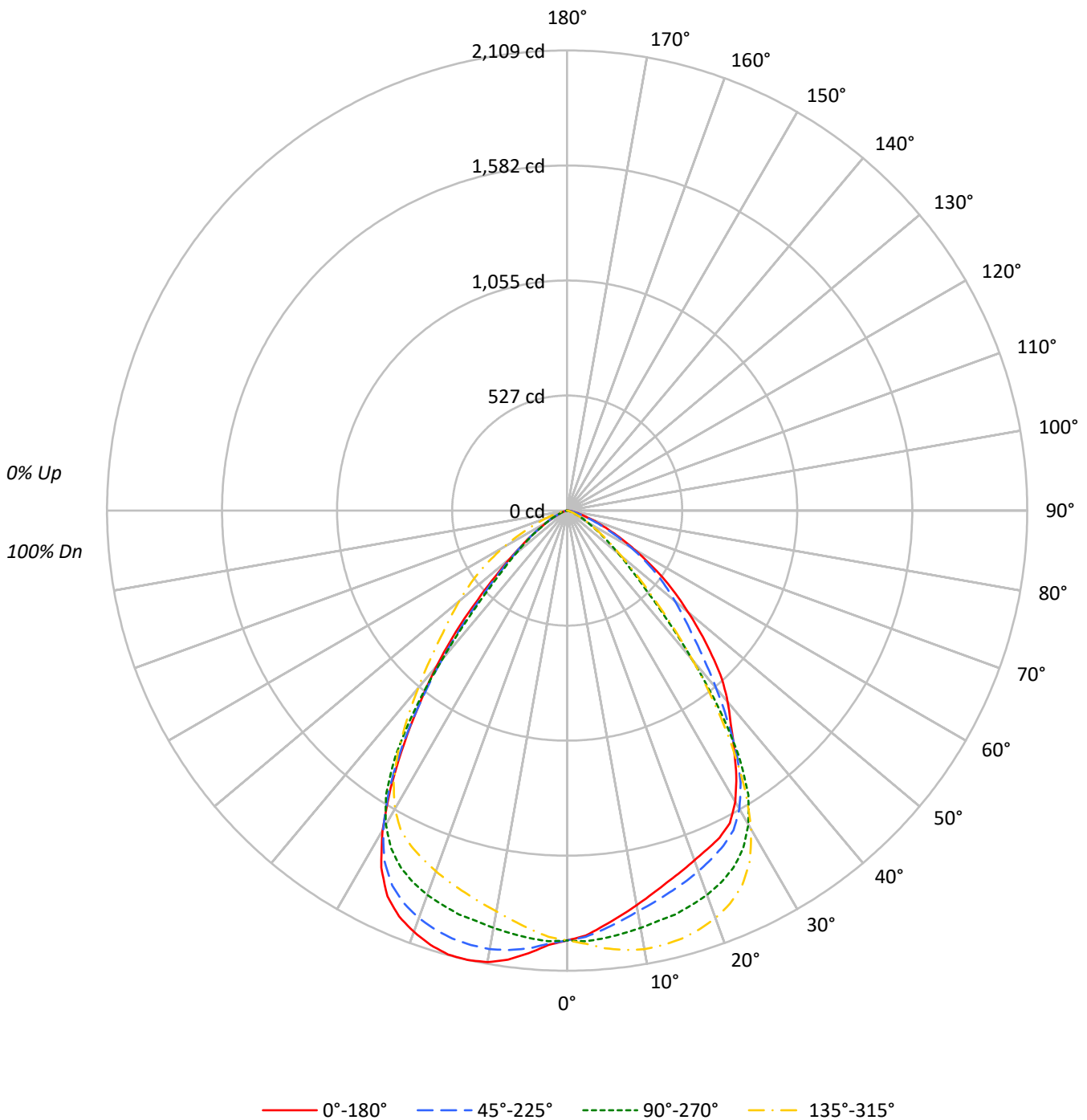
Input Watts (W): 59.5  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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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  | 0   |
| RCR |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 0   | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 |
| 1   | 112 | 109 | 106 | 103 | 109 | 106 | 104 | 101 | 102 | 100 | 98  | 99  | 97  | 95  | 95  | 94  | 92  | 90  |
| 2   | 105 | 99  | 94  | 89  | 102 | 97  | 92  | 88  | 93  | 90  | 86  | 90  | 87  | 84  | 87  | 85  | 83  | 81  |
| 3   | 98  | 90  | 83  | 78  | 95  | 88  | 82  | 78  | 85  | 80  | 76  | 83  | 79  | 75  | 80  | 77  | 74  | 72  |
| 4   | 91  | 82  | 75  | 70  | 89  | 80  | 74  | 69  | 78  | 73  | 68  | 76  | 71  | 67  | 74  | 70  | 67  | 65  |
| 5   | 85  | 75  | 68  | 62  | 83  | 74  | 67  | 62  | 72  | 66  | 61  | 70  | 65  | 61  | 68  | 64  | 60  | 58  |
| 6   | 80  | 69  | 61  | 56  | 78  | 68  | 61  | 56  | 66  | 60  | 55  | 65  | 59  | 55  | 63  | 58  | 55  | 53  |
| 7   | 75  | 63  | 56  | 51  | 73  | 63  | 56  | 51  | 61  | 55  | 50  | 60  | 54  | 50  | 59  | 54  | 50  | 48  |
| 8   | 70  | 59  | 51  | 46  | 69  | 58  | 51  | 46  | 57  | 50  | 46  | 56  | 50  | 46  | 55  | 49  | 46  | 44  |
| 9   | 66  | 54  | 47  | 42  | 65  | 54  | 47  | 42  | 53  | 47  | 42  | 52  | 46  | 42  | 51  | 46  | 42  | 40  |
| 10  | 62  | 51  | 44  | 39  | 61  | 50  | 44  | 39  | 49  | 43  | 39  | 48  | 43  | 39  | 48  | 42  | 39  | 37  |

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

|     |  |     |      |      |
|-----|--|-----|------|------|
|     | 0°   | 90° | 180° | 270° |
| 0°  | Luminaire represents a point source (luminous area is zero). |     |      |      |
| 5°  | No luminance values can be calculated.                       |     |      |      |
| 10° |  |     |      |      |
| 15° |  |     |      |      |
| 20° |  |     |      |      |
| 25° |  |     |      |      |
| 30° |  |     |      |      |
| 35° |  |     |      |      |
| 40° |  |     |      |      |
| 45° |  |     |      |      |
| 50° |  |     |      |      |
| 55° |  |     |      |      |
| 60° |  |     |      |      |
| 65° |  |     |      |      |
| 70° |  |     |      |      |
| 75° |  |     |      |      |
| 80° |  |     |      |      |
| 85° |  |     |      |      |



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 187.5  | 5.7       |
| 10°-20°   | 542.9  | 16.4      |
| 20°-30°   | 822.1  | 24.8      |
| 30°-40°   | 824.0  | 24.8      |
| 40°-50°   | 517.4  | 15.6      |
| 50°-60°   | 275.7  | 8.3       |
| 60°-70°   | 113.4  | 3.4       |
| 70°-80°   | 30.0   | 0.9       |
| 80°-90°   | 5.1    | 0.2       |
| 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°    | 1552.5 | 46.8      |
| 0°-40°    | 2376.5 | 71.6      |
| 0°-60°    | 3169.6 | 95.5      |
| 0°-90°    | 3318.0 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 3318.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 90°  | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0°  | 1970 | 1970 | 1970 | 1970 | 1970 |      |
| 5°  | 1910 | 1967 | 2037 | 1967 | 1910 | 180  |
| 15° | 1765 | 1916 | 2106 | 1916 | 1765 | 499  |
| 25° | 1653 | 1804 | 1950 | 1804 | 1653 | 758  |
| 35° | 1333 | 1371 | 1300 | 1371 | 1333 | 835  |
| 45° | 939  | 502  | 581  | 502  | 939  | 722  |
| 55° | 534  | 186  | 196  | 186  | 534  | 476  |
| 65° | 213  | 57   | 52   | 57   | 213  | 220  |
| 75° | 60   | 12   | 10   | 12   | 60   | 68   |
| 85° | 12   | 0    | 1    | 0    | 12   | 14   |
| 90° | 0    | 0    | 0    | 0    | 0    |      |



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**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1969.8 | 1969.8 | 1969.8 | 1969.8 | 1969.8 | 1969.8 | 1969.8 | 1969.8 | 1969.8 | 1969.8 | 1969.8 |
| 2.5°  | 1949.6 | 1947.7 | 1946.7 | 1948.7 | 1949.6 | 1953.4 | 1952.5 | 1954.4 | 1954.4 | 1955.4 | 1957.3 |
| 5°    | 1910.2 | 1909.2 | 1910.2 | 1910.2 | 1914.0 | 1917.9 | 1916.9 | 1919.8 | 1921.7 | 1926.5 | 1928.4 |
| 7.5°  | 1873.6 | 1873.6 | 1872.6 | 1876.5 | 1878.4 | 1884.2 | 1883.2 | 1888.0 | 1890.9 | 1895.7 | 1902.5 |
| 10°   | 1836.1 | 1836.1 | 1837.0 | 1839.9 | 1840.9 | 1849.6 | 1849.6 | 1856.3 | 1860.1 | 1865.0 | 1873.6 |
| 12.5° | 1799.6 | 1799.6 | 1805.3 | 1803.4 | 1807.2 | 1814.0 | 1816.9 | 1823.6 | 1829.4 | 1839.0 | 1847.7 |
| 15°   | 1764.9 | 1764.9 | 1766.9 | 1771.6 | 1774.5 | 1783.2 | 1788.0 | 1795.7 | 1802.4 | 1812.1 | 1824.6 |
| 17.5° | 1735.1 | 1734.2 | 1735.1 | 1740.9 | 1746.7 | 1754.3 | 1758.2 | 1767.8 | 1774.5 | 1787.0 | 1798.6 |
| 20°   | 1705.3 | 1707.2 | 1707.2 | 1712.0 | 1715.9 | 1725.5 | 1729.3 | 1739.9 | 1747.6 | 1759.1 | 1772.6 |
| 22.5° | 1679.3 | 1678.4 | 1678.4 | 1685.1 | 1688.0 | 1696.6 | 1700.5 | 1710.1 | 1718.8 | 1728.4 | 1740.9 |
| 25°   | 1653.4 | 1651.4 | 1655.3 | 1656.2 | 1658.1 | 1667.8 | 1670.7 | 1677.4 | 1686.1 | 1694.7 | 1707.2 |
| 27.5° | 1614.9 | 1613.0 | 1613.9 | 1617.8 | 1620.7 | 1628.3 | 1630.3 | 1637.0 | 1643.7 | 1651.4 | 1662.0 |
| 30°   | 1540.8 | 1538.9 | 1538.0 | 1544.7 | 1547.6 | 1553.3 | 1556.2 | 1567.8 | 1569.7 | 1578.3 | 1586.0 |
| 32.5° | 1442.7 | 1441.8 | 1443.7 | 1449.4 | 1452.3 | 1460.0 | 1463.9 | 1470.6 | 1475.4 | 1480.2 | 1487.9 |
| 35°   | 1333.1 | 1331.1 | 1333.1 | 1338.9 | 1338.9 | 1345.6 | 1348.5 | 1351.3 | 1350.4 | 1351.3 | 1349.4 |
| 37.5° | 1231.1 | 1230.1 | 1231.1 | 1234.0 | 1231.1 | 1234.0 | 1231.1 | 1225.4 | 1214.8 | 1203.2 | 1191.7 |
| 40°   | 1144.6 | 1145.5 | 1139.8 | 1143.6 | 1133.0 | 1131.1 | 1120.5 | 1106.1 | 1084.9 | 1061.9 | 1029.2 |
| 42.5° | 1052.2 | 1049.3 | 1045.5 | 1047.4 | 1038.8 | 1032.0 | 1014.7 | 996.5  | 969.5  | 931.1  | 891.6  |
| 45°   | 938.7  | 937.8  | 935.8  | 934.9  | 929.1  | 922.4  | 907.9  | 886.8  | 857.0  | 817.6  | 770.4  |
| 47.5° | 828.1  | 825.2  | 825.2  | 826.2  | 819.5  | 818.5  | 806.9  | 788.7  | 762.7  | 724.2  | 675.2  |
| 50°   | 722.3  | 721.4  | 723.3  | 727.1  | 722.3  | 720.4  | 712.7  | 700.2  | 677.1  | 644.4  | 598.2  |
| 52.5° | 627.1  | 626.1  | 628.1  | 632.9  | 630.9  | 632.9  | 625.2  | 615.6  | 600.2  | 568.4  | 528.0  |
| 55°   | 533.8  | 533.8  | 533.8  | 539.6  | 539.6  | 539.6  | 535.7  | 530.0  | 515.5  | 492.4  | 455.0  |
| 57.5° | 436.7  | 437.6  | 443.4  | 444.3  | 443.4  | 445.3  | 444.3  | 438.6  | 429.0  | 412.6  | 383.8  |
| 60°   | 354.9  | 354.9  | 357.8  | 360.7  | 359.7  | 360.7  | 360.7  | 357.8  | 348.2  | 334.7  | 311.6  |
| 62.5° | 280.8  | 283.7  | 281.8  | 283.7  | 287.6  | 283.7  | 281.8  | 279.9  | 273.2  | 264.5  | 245.3  |
| 65°   | 212.6  | 214.5  | 214.5  | 215.4  | 213.5  | 214.5  | 210.7  | 207.8  | 203.9  | 194.3  | 181.8  |
| 67.5° | 161.6  | 161.6  | 161.6  | 161.6  | 160.6  | 159.7  | 158.7  | 155.8  | 149.1  | 145.3  | 131.8  |
| 70°   | 124.1  | 118.3  | 118.3  | 118.3  | 118.3  | 119.3  | 116.4  | 112.6  | 110.6  | 103.9  | 94.3   |
| 72.5° | 82.7   | 84.6   | 82.7   | 82.7   | 80.8   | 81.8   | 77.9   | 76.0   | 74.1   | 70.2   | 64.5   |
| 75°   | 59.6   | 54.8   | 56.7   | 57.7   | 54.8   | 56.7   | 52.9   | 49.1   | 49.1   | 46.2   | 43.3   |
| 77.5° | 38.5   | 37.5   | 38.5   | 39.4   | 38.5   | 37.5   | 35.6   | 33.7   | 33.7   | 32.7   | 29.8   |
| 80°   | 27.9   | 26.9   | 26.9   | 26.9   | 26.0   | 26.9   | 25.0   | 25.0   | 23.1   | 22.1   | 20.2   |
| 82.5° | 18.3   | 18.3   | 17.3   | 18.3   | 17.3   | 18.3   | 15.4   | 15.4   | 15.4   | 14.4   | 12.5   |
| 85°   | 12.5   | 10.6   | 10.6   | 11.6   | 9.6    | 11.6   | 10.6   | 9.6    | 8.7    | 8.7    | 7.7    |
| 87.5° | 5.8    | 6.7    | 5.8    | 6.7    | 5.8    | 5.8    | 6.7    | 5.8    | 5.8    | 3.8    | 3.8    |
| 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):**

|       | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°   | 105°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1969.8 | 1969.8 | 1969.8 | 1969.8 | 1969.8 | 1969.8 | 1969.8 | 1969.8 | 1969.8 | 1969.8 | 1969.8 |
| 2.5°  | 1960.2 | 1961.1 | 1961.1 | 1965.0 | 1966.9 | 1967.9 | 1967.9 | 1975.6 | 1972.7 | 1974.6 | 1976.5 |
| 5°    | 1932.3 | 1938.0 | 1940.0 | 1940.0 | 1950.6 | 1954.4 | 1958.2 | 1966.9 | 1967.9 | 1973.6 | 1980.4 |
| 7.5°  | 1905.3 | 1912.1 | 1916.0 | 1924.6 | 1931.3 | 1938.0 | 1949.6 | 1955.4 | 1961.1 | 1968.8 | 1977.5 |
| 10°   | 1879.4 | 1887.1 | 1894.8 | 1901.5 | 1912.1 | 1920.7 | 1928.4 | 1941.9 | 1948.7 | 1959.2 | 1970.7 |
| 12.5° | 1854.4 | 1865.0 | 1871.7 | 1883.2 | 1894.8 | 1902.5 | 1914.0 | 1926.5 | 1937.1 | 1947.7 | 1961.1 |
| 15°   | 1832.3 | 1844.8 | 1852.4 | 1865.0 | 1877.5 | 1888.0 | 1900.6 | 1916.0 | 1923.6 | 1936.1 | 1948.7 |
| 17.5° | 1808.2 | 1821.7 | 1831.3 | 1842.8 | 1858.2 | 1869.8 | 1880.4 | 1895.7 | 1905.3 | 1918.8 | 1933.3 |
| 20°   | 1783.2 | 1796.7 | 1808.2 | 1819.7 | 1835.1 | 1846.7 | 1859.2 | 1874.6 | 1885.2 | 1898.6 | 1910.2 |
| 22.5° | 1753.4 | 1765.9 | 1778.4 | 1791.8 | 1807.2 | 1816.9 | 1831.3 | 1844.8 | 1856.3 | 1868.8 | 1880.4 |
| 25°   | 1714.9 | 1730.3 | 1739.9 | 1752.4 | 1764.9 | 1775.5 | 1790.9 | 1804.3 | 1814.0 | 1825.5 | 1836.1 |
| 27.5° | 1669.7 | 1681.3 | 1688.9 | 1699.5 | 1712.0 | 1721.6 | 1733.2 | 1746.7 | 1756.3 | 1766.9 | 1774.5 |
| 30°   | 1592.7 | 1603.4 | 1610.1 | 1617.8 | 1630.3 | 1638.9 | 1648.6 | 1661.0 | 1667.8 | 1675.5 | 1682.2 |
| 32.5° | 1491.8 | 1500.4 | 1504.3 | 1510.0 | 1518.7 | 1527.3 | 1535.1 | 1545.6 | 1548.5 | 1553.3 | 1553.3 |
| 35°   | 1345.6 | 1347.5 | 1346.5 | 1348.5 | 1352.3 | 1357.1 | 1363.8 | 1370.6 | 1374.4 | 1374.4 | 1371.6 |
| 37.5° | 1174.4 | 1162.8 | 1150.3 | 1140.7 | 1137.8 | 1135.9 | 1139.8 | 1142.6 | 1146.5 | 1148.4 | 1143.6 |
| 40°   | 996.5  | 970.5  | 942.6  | 917.6  | 900.3  | 892.6  | 889.7  | 891.6  | 891.6  | 898.3  | 898.3  |
| 42.5° | 843.5  | 803.1  | 761.8  | 724.2  | 699.2  | 680.0  | 671.4  | 671.4  | 672.3  | 677.1  | 680.0  |
| 45°   | 716.6  | 665.6  | 617.5  | 576.1  | 541.5  | 516.5  | 505.0  | 502.1  | 501.1  | 503.0  | 509.7  |
| 47.5° | 619.4  | 566.5  | 516.5  | 465.5  | 429.0  | 404.0  | 393.4  | 389.5  | 385.7  | 389.5  | 390.5  |
| 50°   | 543.4  | 488.6  | 435.7  | 384.7  | 346.2  | 324.1  | 310.7  | 304.9  | 303.9  | 303.9  | 305.9  |
| 52.5° | 474.2  | 423.2  | 370.3  | 318.4  | 278.0  | 256.8  | 244.3  | 241.4  | 237.6  | 241.4  | 241.4  |
| 55°   | 408.8  | 357.8  | 305.9  | 256.8  | 223.1  | 201.0  | 189.5  | 185.6  | 183.7  | 186.6  | 186.6  |
| 57.5° | 337.6  | 294.3  | 246.2  | 202.0  | 168.3  | 152.9  | 144.3  | 139.5  | 138.5  | 140.4  | 138.5  |
| 60°   | 277.0  | 240.5  | 199.1  | 158.7  | 132.7  | 116.4  | 109.7  | 107.7  | 105.8  | 107.7  | 107.7  |
| 62.5° | 219.3  | 188.5  | 154.8  | 124.1  | 101.9  | 90.4   | 82.7   | 82.7   | 81.8   | 81.8   | 82.7   |
| 65°   | 162.6  | 138.5  | 114.5  | 88.5   | 71.2   | 62.5   | 56.7   | 56.7   | 55.8   | 56.7   | 55.8   |
| 67.5° | 118.3  | 101.9  | 82.7   | 64.5   | 51.0   | 46.2   | 42.3   | 39.4   | 41.4   | 39.4   | 38.5   |
| 70°   | 86.6   | 73.1   | 59.6   | 49.1   | 39.4   | 34.6   | 31.8   | 30.8   | 28.9   | 28.9   | 28.9   |
| 72.5° | 57.7   | 49.1   | 40.4   | 31.8   | 26.0   | 21.1   | 20.2   | 18.3   | 16.4   | 17.3   | 19.2   |
| 75°   | 38.5   | 32.7   | 28.9   | 23.1   | 17.3   | 17.3   | 11.6   | 11.6   | 9.6    | 11.6   | 8.7    |
| 77.5° | 26.9   | 22.1   | 17.3   | 14.4   | 11.6   | 10.6   | 7.7    | 7.7    | 6.7    | 6.7    | 6.7    |
| 80°   | 19.2   | 16.4   | 12.5   | 10.6   | 7.7    | 7.7    | 6.7    | 5.8    | 4.8    | 4.8    | 5.8    |
| 82.5° | 11.6   | 8.7    | 8.7    | 7.7    | 4.8    | 3.8    | 2.9    | 3.8    | 1.9    | 1.9    | 1.9    |
| 85°   | 6.7    | 5.8    | 4.8    | 2.9    | 1.9    | 1.9    | 1.0    | 0.0    | 1.0    | 1.0    | 0.0    |
| 87.5° | 3.8    | 1.9    | 1.9    | 1.0    | 0.0    | 1.0    | 1.0    | 0.0    | 0.0    | 0.0    | 1.9    |
| 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):**

|       | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   | 160°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1969.8 | 1969.8 | 1969.8 | 1969.8 | 1969.8 | 1969.8 | 1969.8 | 1969.8 | 1969.8 | 1969.8 | 1969.8 |
| 2.5°  | 1981.4 | 1980.4 | 1982.3 | 1982.3 | 1988.1 | 1987.1 | 1990.0 | 1990.0 | 1988.1 | 1989.0 | 1992.9 |
| 5°    | 1988.1 | 1991.0 | 1996.7 | 2001.5 | 2010.2 | 2014.1 | 2018.8 | 2023.7 | 2024.6 | 2027.5 | 2030.4 |
| 7.5°  | 1988.1 | 1997.7 | 2004.4 | 2013.1 | 2024.6 | 2031.4 | 2041.9 | 2050.6 | 2054.4 | 2059.2 | 2065.0 |
| 10°   | 1984.2 | 1993.8 | 2006.3 | 2016.0 | 2030.4 | 2041.0 | 2051.5 | 2065.0 | 2070.8 | 2078.5 | 2086.2 |
| 12.5° | 1976.5 | 1987.1 | 2000.6 | 2013.1 | 2029.4 | 2039.0 | 2052.5 | 2065.0 | 2073.7 | 2084.2 | 2092.9 |
| 15°   | 1965.0 | 1977.5 | 1990.0 | 2002.5 | 2019.8 | 2031.4 | 2043.9 | 2058.3 | 2066.9 | 2078.5 | 2086.2 |
| 17.5° | 1946.7 | 1960.2 | 1971.7 | 1983.3 | 1999.6 | 2013.1 | 2024.6 | 2038.1 | 2046.8 | 2056.4 | 2066.9 |
| 20°   | 1924.6 | 1937.1 | 1949.6 | 1959.2 | 1975.6 | 1987.1 | 1999.6 | 2012.1 | 2018.8 | 2020.8 | 2037.1 |
| 22.5° | 1896.7 | 1905.3 | 1915.0 | 1930.4 | 1940.0 | 1950.6 | 1962.1 | 1973.6 | 1980.4 | 1991.0 | 1996.7 |
| 25°   | 1850.5 | 1859.2 | 1869.8 | 1876.5 | 1888.0 | 1896.7 | 1908.2 | 1920.7 | 1924.6 | 1932.3 | 1938.0 |
| 27.5° | 1786.1 | 1790.9 | 1795.7 | 1801.5 | 1808.2 | 1813.0 | 1819.7 | 1825.5 | 1829.4 | 1833.2 | 1837.0 |
| 30°   | 1684.1 | 1684.1 | 1684.1 | 1680.3 | 1683.2 | 1686.1 | 1687.0 | 1686.1 | 1686.1 | 1685.1 | 1685.1 |
| 32.5° | 1549.5 | 1541.8 | 1533.1 | 1525.4 | 1522.6 | 1518.7 | 1516.8 | 1513.9 | 1509.1 | 1506.2 | 1507.2 |
| 35°   | 1367.7 | 1350.4 | 1339.8 | 1330.2 | 1322.5 | 1316.7 | 1313.8 | 1311.0 | 1310.0 | 1306.2 | 1302.3 |
| 37.5° | 1140.7 | 1128.2 | 1120.5 | 1114.7 | 1108.0 | 1102.2 | 1103.2 | 1104.2 | 1107.0 | 1105.1 | 1106.1 |
| 40°   | 900.3  | 897.4  | 900.3  | 893.5  | 891.6  | 893.5  | 898.3  | 905.1  | 908.9  | 912.8  | 919.5  |
| 42.5° | 684.8  | 689.6  | 696.4  | 696.4  | 699.2  | 703.1  | 708.8  | 719.5  | 725.2  | 731.9  | 739.6  |
| 45°   | 515.5  | 521.3  | 530.0  | 532.8  | 534.8  | 539.6  | 546.3  | 555.0  | 558.8  | 564.6  | 571.3  |
| 47.5° | 397.2  | 401.1  | 405.9  | 410.7  | 415.5  | 417.4  | 424.2  | 424.2  | 429.0  | 432.8  | 434.7  |
| 50°   | 309.7  | 313.5  | 317.4  | 320.3  | 322.2  | 325.1  | 327.0  | 329.9  | 330.8  | 332.8  | 333.7  |
| 52.5° | 242.4  | 247.2  | 247.2  | 249.1  | 252.0  | 254.9  | 253.9  | 254.9  | 255.8  | 255.8  | 258.7  |
| 55°   | 189.5  | 189.5  | 192.4  | 192.4  | 194.3  | 193.3  | 194.3  | 194.3  | 194.3  | 194.3  | 195.3  |
| 57.5° | 141.4  | 142.4  | 145.3  | 143.3  | 142.4  | 144.3  | 142.4  | 144.3  | 143.3  | 145.3  | 142.4  |
| 60°   | 108.7  | 108.7  | 109.7  | 109.7  | 110.6  | 110.6  | 110.6  | 109.7  | 109.7  | 108.7  | 108.7  |
| 62.5° | 81.8   | 82.7   | 83.7   | 82.7   | 82.7   | 82.7   | 81.8   | 81.8   | 80.8   | 79.8   | 79.8   |
| 65°   | 54.8   | 53.9   | 55.8   | 53.9   | 54.8   | 54.8   | 53.9   | 54.8   | 51.9   | 52.9   | 51.9   |
| 67.5° | 39.4   | 38.5   | 37.5   | 38.5   | 37.5   | 36.5   | 36.5   | 37.5   | 38.5   | 35.6   | 35.6   |
| 70°   | 26.0   | 26.9   | 26.0   | 26.9   | 27.9   | 27.9   | 26.9   | 26.0   | 26.9   | 25.0   | 26.0   |
| 72.5° | 16.4   | 16.4   | 16.4   | 16.4   | 16.4   | 17.3   | 17.3   | 17.3   | 15.4   | 15.4   | 14.4   |
| 75°   | 7.7    | 10.6   | 8.7    | 7.7    | 10.6   | 10.6   | 9.6    | 9.6    | 8.7    | 8.7    | 8.7    |
| 77.5° | 7.7    | 5.8    | 5.8    | 5.8    | 5.8    | 5.8    | 5.8    | 5.8    | 4.8    | 5.8    | 4.8    |
| 80°   | 3.8    | 3.8    | 3.8    | 2.9    | 3.8    | 3.8    | 4.8    | 3.8    | 3.8    | 2.9    | 4.8    |
| 82.5° | 1.9    | 1.9    | 1.9    | 0.0    | 1.0    | 1.9    | 1.9    | 1.0    | 1.9    | 1.9    | 1.0    |
| 85°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 87.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 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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**CANDELA DISTRIBUTION (continued):**

|       | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1969.8 | 1969.8 | 1969.8 | 1969.8 | 1969.8 | 1969.8 | 1969.8 | 1969.8 | 1969.8 | 1969.8 | 1969.8 |
| 2.5°  | 1991.9 | 1991.0 | 1991.9 | 1992.9 | 1991.9 | 1991.0 | 1991.9 | 1992.9 | 1989.0 | 1988.1 | 1990.0 |
| 5°    | 2034.2 | 2034.2 | 2036.1 | 2037.1 | 2036.1 | 2034.2 | 2034.2 | 2030.4 | 2027.5 | 2024.6 | 2023.7 |
| 7.5°  | 2070.8 | 2072.7 | 2074.6 | 2075.6 | 2074.6 | 2072.7 | 2070.8 | 2065.0 | 2059.2 | 2054.4 | 2050.6 |
| 10°   | 2092.9 | 2095.8 | 2099.6 | 2101.5 | 2099.6 | 2095.8 | 2092.9 | 2086.2 | 2078.5 | 2070.8 | 2065.0 |
| 12.5° | 2102.5 | 2105.4 | 2110.2 | 2109.3 | 2110.2 | 2105.4 | 2102.5 | 2092.9 | 2084.2 | 2073.7 | 2065.0 |
| 15°   | 2095.8 | 2099.6 | 2104.4 | 2106.4 | 2104.4 | 2099.6 | 2095.8 | 2086.2 | 2078.5 | 2066.9 | 2058.3 |
| 17.5° | 2074.6 | 2080.4 | 2083.3 | 2086.2 | 2083.3 | 2080.4 | 2074.6 | 2066.9 | 2056.4 | 2046.8 | 2038.1 |
| 20°   | 2045.8 | 2049.6 | 2053.5 | 2054.4 | 2053.5 | 2049.6 | 2045.8 | 2037.1 | 2020.8 | 2018.8 | 2012.1 |
| 22.5° | 2004.4 | 2007.3 | 2016.0 | 2013.1 | 2016.0 | 2007.3 | 2004.4 | 1996.7 | 1991.0 | 1980.4 | 1973.6 |
| 25°   | 1944.8 | 1947.7 | 1948.7 | 1949.6 | 1948.7 | 1947.7 | 1944.8 | 1938.0 | 1932.3 | 1924.6 | 1920.7 |
| 27.5° | 1841.9 | 1841.9 | 1843.8 | 1844.8 | 1843.8 | 1841.9 | 1841.9 | 1837.0 | 1833.2 | 1829.4 | 1825.5 |
| 30°   | 1686.1 | 1686.1 | 1686.1 | 1690.9 | 1686.1 | 1686.1 | 1686.1 | 1685.1 | 1685.1 | 1686.1 | 1686.1 |
| 32.5° | 1506.2 | 1504.3 | 1502.4 | 1504.3 | 1502.4 | 1504.3 | 1506.2 | 1507.2 | 1506.2 | 1509.1 | 1513.9 |
| 35°   | 1302.3 | 1301.3 | 1304.2 | 1300.4 | 1304.2 | 1301.3 | 1302.3 | 1302.3 | 1306.2 | 1310.0 | 1311.0 |
| 37.5° | 1107.0 | 1105.1 | 1109.0 | 1105.1 | 1109.0 | 1105.1 | 1107.0 | 1106.1 | 1105.1 | 1107.0 | 1104.2 |
| 40°   | 921.4  | 923.3  | 923.3  | 931.1  | 923.3  | 923.3  | 921.4  | 919.5  | 912.8  | 908.9  | 905.1  |
| 42.5° | 743.5  | 749.3  | 747.3  | 753.1  | 747.3  | 749.3  | 743.5  | 739.6  | 731.9  | 725.2  | 719.5  |
| 45°   | 575.1  | 579.0  | 579.0  | 580.9  | 579.0  | 579.0  | 575.1  | 571.3  | 564.6  | 558.8  | 555.0  |
| 47.5° | 441.5  | 441.5  | 441.5  | 442.4  | 441.5  | 441.5  | 441.5  | 434.7  | 432.8  | 429.0  | 424.2  |
| 50°   | 335.7  | 336.6  | 337.6  | 338.6  | 337.6  | 336.6  | 335.7  | 333.7  | 332.8  | 330.8  | 329.9  |
| 52.5° | 257.8  | 258.7  | 256.8  | 258.7  | 256.8  | 258.7  | 257.8  | 258.7  | 255.8  | 255.8  | 254.9  |
| 55°   | 195.3  | 194.3  | 195.3  | 196.2  | 195.3  | 194.3  | 195.3  | 195.3  | 194.3  | 194.3  | 194.3  |
| 57.5° | 143.3  | 141.4  | 141.4  | 141.4  | 141.4  | 141.4  | 143.3  | 142.4  | 145.3  | 143.3  | 144.3  |
| 60°   | 106.8  | 107.7  | 107.7  | 108.7  | 107.7  | 107.7  | 106.8  | 108.7  | 108.7  | 109.7  | 109.7  |
| 62.5° | 78.9   | 81.8   | 79.8   | 81.8   | 79.8   | 81.8   | 78.9   | 79.8   | 79.8   | 80.8   | 81.8   |
| 65°   | 51.0   | 51.0   | 51.0   | 51.9   | 51.0   | 51.0   | 51.0   | 51.9   | 52.9   | 51.9   | 54.8   |
| 67.5° | 34.6   | 35.6   | 37.5   | 36.5   | 37.5   | 35.6   | 34.6   | 35.6   | 35.6   | 38.5   | 37.5   |
| 70°   | 27.9   | 25.0   | 25.0   | 27.9   | 25.0   | 25.0   | 27.9   | 26.0   | 25.0   | 26.9   | 26.0   |
| 72.5° | 16.4   | 14.4   | 16.4   | 16.4   | 16.4   | 14.4   | 16.4   | 14.4   | 15.4   | 15.4   | 17.3   |
| 75°   | 8.7    | 7.7    | 6.7    | 9.6    | 6.7    | 7.7    | 8.7    | 8.7    | 8.7    | 8.7    | 9.6    |
| 77.5° | 5.8    | 4.8    | 6.7    | 6.7    | 6.7    | 4.8    | 5.8    | 4.8    | 5.8    | 4.8    | 5.8    |
| 80°   | 2.9    | 3.8    | 2.9    | 4.8    | 2.9    | 3.8    | 2.9    | 4.8    | 2.9    | 3.8    | 3.8    |
| 82.5° | 1.0    | 1.9    | 1.9    | 1.9    | 1.9    | 1.9    | 1.0    | 1.0    | 1.9    | 1.9    | 1.0    |
| 85°   | 0.0    | 1.9    | 1.0    | 1.0    | 1.0    | 1.9    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 87.5° | 1.0    | 0.0    | 0.0    | 1.0    | 0.0    | 0.0    | 1.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 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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**CANDELA DISTRIBUTION (continued):**

|       | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°   | 265°   | 270°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1969.8 | 1969.8 | 1969.8 | 1969.8 | 1969.8 | 1969.8 | 1969.8 | 1969.8 | 1969.8 | 1969.8 | 1969.8 |
| 2.5°  | 1990.0 | 1987.1 | 1988.1 | 1982.3 | 1982.3 | 1980.4 | 1981.4 | 1976.5 | 1974.6 | 1972.7 | 1975.6 |
| 5°    | 2018.8 | 2014.1 | 2010.2 | 2001.5 | 1996.7 | 1991.0 | 1988.1 | 1980.4 | 1973.6 | 1967.9 | 1966.9 |
| 7.5°  | 2041.9 | 2031.4 | 2024.6 | 2013.1 | 2004.4 | 1997.7 | 1988.1 | 1977.5 | 1968.8 | 1961.1 | 1955.4 |
| 10°   | 2051.5 | 2041.0 | 2030.4 | 2016.0 | 2006.3 | 1993.8 | 1984.2 | 1970.7 | 1959.2 | 1948.7 | 1941.9 |
| 12.5° | 2052.5 | 2039.0 | 2029.4 | 2013.1 | 2000.6 | 1987.1 | 1976.5 | 1961.1 | 1947.7 | 1937.1 | 1926.5 |
| 15°   | 2043.9 | 2031.4 | 2019.8 | 2002.5 | 1990.0 | 1977.5 | 1965.0 | 1948.7 | 1936.1 | 1923.6 | 1916.0 |
| 17.5° | 2024.6 | 2013.1 | 1999.6 | 1983.3 | 1971.7 | 1960.2 | 1946.7 | 1933.3 | 1918.8 | 1905.3 | 1895.7 |
| 20°   | 1999.6 | 1987.1 | 1975.6 | 1959.2 | 1949.6 | 1937.1 | 1924.6 | 1910.2 | 1898.6 | 1885.2 | 1874.6 |
| 22.5° | 1962.1 | 1950.6 | 1940.0 | 1930.4 | 1915.0 | 1905.3 | 1896.7 | 1880.4 | 1868.8 | 1856.3 | 1844.8 |
| 25°   | 1908.2 | 1896.7 | 1888.0 | 1876.5 | 1869.8 | 1859.2 | 1850.5 | 1836.1 | 1825.5 | 1814.0 | 1804.3 |
| 27.5° | 1819.7 | 1813.0 | 1808.2 | 1801.5 | 1795.7 | 1790.9 | 1786.1 | 1774.5 | 1766.9 | 1756.3 | 1746.7 |
| 30°   | 1687.0 | 1686.1 | 1683.2 | 1680.3 | 1684.1 | 1684.1 | 1684.1 | 1682.2 | 1675.5 | 1667.8 | 1661.0 |
| 32.5° | 1516.8 | 1518.7 | 1522.6 | 1525.4 | 1533.1 | 1541.8 | 1549.5 | 1553.3 | 1553.3 | 1548.5 | 1545.6 |
| 35°   | 1313.8 | 1316.7 | 1322.5 | 1330.2 | 1339.8 | 1350.4 | 1367.7 | 1371.6 | 1374.4 | 1374.4 | 1370.6 |
| 37.5° | 1103.2 | 1102.2 | 1108.0 | 1114.7 | 1120.5 | 1128.2 | 1140.7 | 1143.6 | 1148.4 | 1146.5 | 1142.6 |
| 40°   | 898.3  | 893.5  | 891.6  | 893.5  | 900.3  | 897.4  | 900.3  | 898.3  | 898.3  | 891.6  | 891.6  |
| 42.5° | 708.8  | 703.1  | 699.2  | 696.4  | 696.4  | 689.6  | 684.8  | 680.0  | 677.1  | 672.3  | 671.4  |
| 45°   | 546.3  | 539.6  | 534.8  | 532.8  | 530.0  | 521.3  | 515.5  | 509.7  | 503.0  | 501.1  | 502.1  |
| 47.5° | 424.2  | 417.4  | 415.5  | 410.7  | 405.9  | 401.1  | 397.2  | 390.5  | 389.5  | 385.7  | 389.5  |
| 50°   | 327.0  | 325.1  | 322.2  | 320.3  | 317.4  | 313.5  | 309.7  | 305.9  | 303.9  | 303.9  | 304.9  |
| 52.5° | 253.9  | 254.9  | 252.0  | 249.1  | 247.2  | 247.2  | 242.4  | 241.4  | 241.4  | 237.6  | 241.4  |
| 55°   | 194.3  | 193.3  | 194.3  | 192.4  | 192.4  | 189.5  | 189.5  | 186.6  | 186.6  | 183.7  | 185.6  |
| 57.5° | 142.4  | 144.3  | 142.4  | 143.3  | 145.3  | 142.4  | 141.4  | 138.5  | 140.4  | 138.5  | 139.5  |
| 60°   | 110.6  | 110.6  | 110.6  | 109.7  | 109.7  | 108.7  | 108.7  | 107.7  | 107.7  | 105.8  | 107.7  |
| 62.5° | 81.8   | 82.7   | 82.7   | 82.7   | 83.7   | 82.7   | 81.8   | 82.7   | 81.8   | 81.8   | 82.7   |
| 65°   | 53.9   | 54.8   | 54.8   | 53.9   | 55.8   | 53.9   | 54.8   | 55.8   | 56.7   | 55.8   | 56.7   |
| 67.5° | 36.5   | 36.5   | 37.5   | 38.5   | 37.5   | 38.5   | 39.4   | 38.5   | 39.4   | 41.4   | 39.4   |
| 70°   | 26.9   | 27.9   | 27.9   | 26.9   | 26.0   | 26.9   | 26.0   | 28.9   | 28.9   | 28.9   | 30.8   |
| 72.5° | 17.3   | 17.3   | 16.4   | 16.4   | 16.4   | 16.4   | 16.4   | 19.2   | 17.3   | 16.4   | 18.3   |
| 75°   | 9.6    | 10.6   | 10.6   | 7.7    | 8.7    | 10.6   | 7.7    | 8.7    | 11.6   | 9.6    | 11.6   |
| 77.5° | 5.8    | 5.8    | 5.8    | 5.8    | 5.8    | 5.8    | 7.7    | 6.7    | 6.7    | 6.7    | 7.7    |
| 80°   | 4.8    | 3.8    | 3.8    | 2.9    | 3.8    | 3.8    | 3.8    | 5.8    | 4.8    | 4.8    | 5.8    |
| 82.5° | 1.9    | 1.9    | 1.0    | 0.0    | 1.9    | 1.9    | 1.9    | 1.9    | 1.9    | 1.9    | 3.8    |
| 85°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 1.0    | 1.0    | 0.0    |
| 87.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 1.9    | 0.0    | 0.0    | 0.0    |
| 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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**CANDELA DISTRIBUTION (continued):**

|       | 275°   | 280°   | 285°   | 290°   | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1969.8 | 1969.8 | 1969.8 | 1969.8 | 1969.8 | 1969.8 | 1969.8 | 1969.8 | 1969.8 | 1969.8 | 1969.8 |
| 2.5°  | 1967.9 | 1967.9 | 1966.9 | 1965.0 | 1961.1 | 1961.1 | 1960.2 | 1957.3 | 1955.4 | 1954.4 | 1954.4 |
| 5°    | 1958.2 | 1954.4 | 1950.6 | 1940.0 | 1940.0 | 1938.0 | 1932.3 | 1928.4 | 1926.5 | 1921.7 | 1919.8 |
| 7.5°  | 1949.6 | 1938.0 | 1931.3 | 1924.6 | 1916.0 | 1912.1 | 1905.3 | 1902.5 | 1895.7 | 1890.9 | 1888.0 |
| 10°   | 1928.4 | 1920.7 | 1912.1 | 1901.5 | 1894.8 | 1887.1 | 1879.4 | 1873.6 | 1865.0 | 1860.1 | 1856.3 |
| 12.5° | 1914.0 | 1902.5 | 1894.8 | 1883.2 | 1871.7 | 1865.0 | 1854.4 | 1847.7 | 1839.0 | 1829.4 | 1823.6 |
| 15°   | 1900.6 | 1888.0 | 1877.5 | 1865.0 | 1852.4 | 1844.8 | 1832.3 | 1824.6 | 1812.1 | 1802.4 | 1795.7 |
| 17.5° | 1880.4 | 1869.8 | 1858.2 | 1842.8 | 1831.3 | 1821.7 | 1808.2 | 1798.6 | 1787.0 | 1774.5 | 1767.8 |
| 20°   | 1859.2 | 1846.7 | 1835.1 | 1819.7 | 1808.2 | 1796.7 | 1783.2 | 1772.6 | 1759.1 | 1747.6 | 1739.9 |
| 22.5° | 1831.3 | 1816.9 | 1807.2 | 1791.8 | 1778.4 | 1765.9 | 1753.4 | 1740.9 | 1728.4 | 1718.8 | 1710.1 |
| 25°   | 1790.9 | 1775.5 | 1764.9 | 1752.4 | 1739.9 | 1730.3 | 1714.9 | 1707.2 | 1694.7 | 1686.1 | 1677.4 |
| 27.5° | 1733.2 | 1721.6 | 1712.0 | 1699.5 | 1688.9 | 1681.3 | 1669.7 | 1662.0 | 1651.4 | 1643.7 | 1637.0 |
| 30°   | 1648.6 | 1638.9 | 1630.3 | 1617.8 | 1610.1 | 1603.4 | 1592.7 | 1586.0 | 1578.3 | 1569.7 | 1567.8 |
| 32.5° | 1535.1 | 1527.3 | 1518.7 | 1510.0 | 1504.3 | 1500.4 | 1491.8 | 1487.9 | 1480.2 | 1475.4 | 1470.6 |
| 35°   | 1363.8 | 1357.1 | 1352.3 | 1348.5 | 1346.5 | 1347.5 | 1345.6 | 1349.4 | 1351.3 | 1350.4 | 1351.3 |
| 37.5° | 1139.8 | 1135.9 | 1137.8 | 1140.7 | 1150.3 | 1162.8 | 1174.4 | 1191.7 | 1203.2 | 1214.8 | 1225.4 |
| 40°   | 889.7  | 892.6  | 900.3  | 917.6  | 942.6  | 970.5  | 996.5  | 1029.2 | 1061.9 | 1084.9 | 1106.1 |
| 42.5° | 671.4  | 680.0  | 699.2  | 724.2  | 761.8  | 803.1  | 843.5  | 891.6  | 931.1  | 969.5  | 996.5  |
| 45°   | 505.0  | 516.5  | 541.5  | 576.1  | 617.5  | 665.6  | 716.6  | 770.4  | 817.6  | 857.0  | 886.8  |
| 47.5° | 393.4  | 404.0  | 429.0  | 465.5  | 516.5  | 566.5  | 619.4  | 675.2  | 724.2  | 762.7  | 788.7  |
| 50°   | 310.7  | 324.1  | 346.2  | 384.7  | 435.7  | 488.6  | 543.4  | 598.2  | 644.4  | 677.1  | 700.2  |
| 52.5° | 244.3  | 256.8  | 278.0  | 318.4  | 370.3  | 423.2  | 474.2  | 528.0  | 568.4  | 600.2  | 615.6  |
| 55°   | 189.5  | 201.0  | 223.1  | 256.8  | 305.9  | 357.8  | 408.8  | 455.0  | 492.4  | 515.5  | 530.0  |
| 57.5° | 144.3  | 152.9  | 168.3  | 202.0  | 246.2  | 294.3  | 337.6  | 383.8  | 412.6  | 429.0  | 438.6  |
| 60°   | 109.7  | 116.4  | 132.7  | 158.7  | 199.1  | 240.5  | 277.0  | 311.6  | 334.7  | 348.2  | 357.8  |
| 62.5° | 82.7   | 90.4   | 101.9  | 124.1  | 154.8  | 188.5  | 219.3  | 245.3  | 264.5  | 273.2  | 279.9  |
| 65°   | 56.7   | 62.5   | 71.2   | 88.5   | 114.5  | 138.5  | 162.6  | 181.8  | 194.3  | 203.9  | 207.8  |
| 67.5° | 42.3   | 46.2   | 51.0   | 64.5   | 82.7   | 101.9  | 118.3  | 131.8  | 145.3  | 149.1  | 155.8  |
| 70°   | 31.8   | 34.6   | 39.4   | 49.1   | 59.6   | 73.1   | 86.6   | 94.3   | 103.9  | 110.6  | 112.6  |
| 72.5° | 20.2   | 21.1   | 26.0   | 31.8   | 40.4   | 49.1   | 57.7   | 64.5   | 70.2   | 74.1   | 76.0   |
| 75°   | 11.6   | 17.3   | 17.3   | 23.1   | 28.9   | 32.7   | 38.5   | 43.3   | 46.2   | 49.1   | 49.1   |
| 77.5° | 7.7    | 10.6   | 11.6   | 14.4   | 17.3   | 22.1   | 26.9   | 29.8   | 32.7   | 33.7   | 33.7   |
| 80°   | 6.7    | 7.7    | 7.7    | 10.6   | 12.5   | 16.4   | 19.2   | 20.2   | 22.1   | 23.1   | 25.0   |
| 82.5° | 2.9    | 3.8    | 4.8    | 7.7    | 8.7    | 8.7    | 11.6   | 12.5   | 14.4   | 15.4   | 15.4   |
| 85°   | 1.0    | 1.9    | 1.9    | 2.9    | 4.8    | 5.8    | 6.7    | 7.7    | 8.7    | 8.7    | 9.6    |
| 87.5° | 1.0    | 1.0    | 0.0    | 1.0    | 1.9    | 1.9    | 3.8    | 3.8    | 3.8    | 5.8    | 5.8    |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



TEST NUMBER: P248956

CATALOG NUMBER: LSR8B60D010 EC8B609727 8LBSW0B

**CANDELA DISTRIBUTION (continued):**

|       | 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|-------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1969.8 | 1969.8 | 1969.8 | 1969.8 | 1969.8 | 1969.8 | 1969.8 |
| 2.5°  | 1952.5 | 1953.4 | 1949.6 | 1948.7 | 1946.7 | 1947.7 | 1949.6 |
| 5°    | 1916.9 | 1917.9 | 1914.0 | 1910.2 | 1910.2 | 1909.2 | 1910.2 |
| 7.5°  | 1883.2 | 1884.2 | 1878.4 | 1876.5 | 1872.6 | 1873.6 | 1873.6 |
| 10°   | 1849.6 | 1849.6 | 1840.9 | 1839.9 | 1837.0 | 1836.1 | 1836.1 |
| 12.5° | 1816.9 | 1814.0 | 1807.2 | 1803.4 | 1805.3 | 1799.6 | 1799.6 |
| 15°   | 1788.0 | 1783.2 | 1774.5 | 1771.6 | 1766.9 | 1764.9 | 1764.9 |
| 17.5° | 1758.2 | 1754.3 | 1746.7 | 1740.9 | 1735.1 | 1734.2 | 1735.1 |
| 20°   | 1729.3 | 1725.5 | 1715.9 | 1712.0 | 1707.2 | 1707.2 | 1705.3 |
| 22.5° | 1700.5 | 1696.6 | 1688.0 | 1685.1 | 1678.4 | 1678.4 | 1679.3 |
| 25°   | 1670.7 | 1667.8 | 1658.1 | 1656.2 | 1655.3 | 1651.4 | 1653.4 |
| 27.5° | 1630.3 | 1628.3 | 1620.7 | 1617.8 | 1613.9 | 1613.0 | 1614.9 |
| 30°   | 1556.2 | 1553.3 | 1547.6 | 1544.7 | 1538.0 | 1538.9 | 1540.8 |
| 32.5° | 1463.9 | 1460.0 | 1452.3 | 1449.4 | 1443.7 | 1441.8 | 1442.7 |
| 35°   | 1348.5 | 1345.6 | 1338.9 | 1338.9 | 1333.1 | 1331.1 | 1333.1 |
| 37.5° | 1231.1 | 1234.0 | 1231.1 | 1234.0 | 1231.1 | 1230.1 | 1231.1 |
| 40°   | 1120.5 | 1131.1 | 1133.0 | 1143.6 | 1139.8 | 1145.5 | 1144.6 |
| 42.5° | 1014.7 | 1032.0 | 1038.8 | 1047.4 | 1045.5 | 1049.3 | 1052.2 |
| 45°   | 907.9  | 922.4  | 929.1  | 934.9  | 935.8  | 937.8  | 938.7  |
| 47.5° | 806.9  | 818.5  | 819.5  | 826.2  | 825.2  | 825.2  | 828.1  |
| 50°   | 712.7  | 720.4  | 722.3  | 727.1  | 723.3  | 721.4  | 722.3  |
| 52.5° | 625.2  | 632.9  | 630.9  | 632.9  | 628.1  | 626.1  | 627.1  |
| 55°   | 535.7  | 539.6  | 539.6  | 539.6  | 533.8  | 533.8  | 533.8  |
| 57.5° | 444.3  | 445.3  | 443.4  | 444.3  | 443.4  | 437.6  | 436.7  |
| 60°   | 360.7  | 360.7  | 359.7  | 360.7  | 357.8  | 354.9  | 354.9  |
| 62.5° | 281.8  | 283.7  | 287.6  | 283.7  | 281.8  | 283.7  | 280.8  |
| 65°   | 210.7  | 214.5  | 213.5  | 215.4  | 214.5  | 214.5  | 212.6  |
| 67.5° | 158.7  | 159.7  | 160.6  | 161.6  | 161.6  | 161.6  | 161.6  |
| 70°   | 116.4  | 119.3  | 118.3  | 118.3  | 118.3  | 118.3  | 124.1  |
| 72.5° | 77.9   | 81.8   | 80.8   | 82.7   | 82.7   | 84.6   | 82.7   |
| 75°   | 52.9   | 56.7   | 54.8   | 57.7   | 56.7   | 54.8   | 59.6   |
| 77.5° | 35.6   | 37.5   | 38.5   | 39.4   | 38.5   | 37.5   | 38.5   |
| 80°   | 25.0   | 26.9   | 26.0   | 26.9   | 26.9   | 26.9   | 27.9   |
| 82.5° | 15.4   | 18.3   | 17.3   | 18.3   | 17.3   | 18.3   | 18.3   |
| 85°   | 10.6   | 11.6   | 9.6    | 11.6   | 10.6   | 10.6   | 12.5   |
| 87.5° | 6.7    | 5.8    | 5.8    | 6.7    | 5.8    | 6.7    | 5.8    |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

(END OF REPORT)