

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: P996079

Luminaire Tested: S122RDRP-B865DB30-4F0-XX-W2A-A

Issue Date: 5/2/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P996079  
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: S122RDRP-B865DB30-4F0-XX-W2A-A  
Description: Define 2 Regressed Direct Perimeter with 3000K BioUP LEDs {m-DER=0.589} {m-EER=0.647}  
Light Source: -  
Ballast/Driver: -

**Summary**

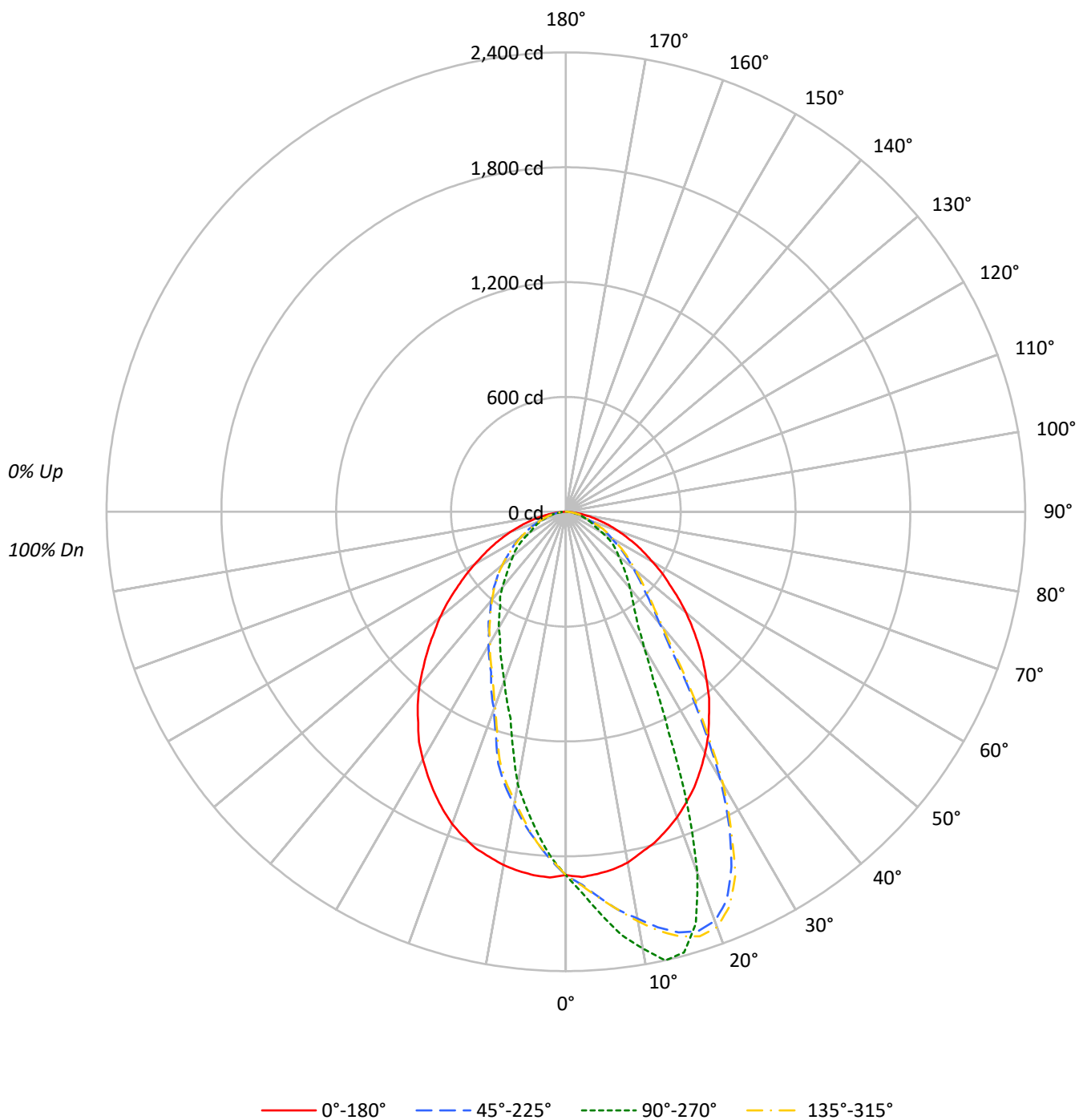
Lumens per Lamp: N/A  
Luminaire Lumens: 3280.0 lumens  
Efficiency: N/A  
Efficacy: 70.1 lumens/watt  
Spacing Criteria (0/90/45): 1.16 / 0.85 / 1.01  
Luminous Opening: Rectangular (W 0.17' x L: 4' x H: 0')  
CIE Type: Direct

Input Watts (W): 46.8  
Input Voltage (V):  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT

TEST NUMBER: P996079

CATALOG NUMBER: S122RDRP-B865DB30-4F0-XX-W2A-A

### Luminous Intensity Polar Plot



TEST NUMBER: P996079

CATALOG NUMBER: S122RDRP-B865DB30-4F0-XX-W2A-A

**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   | 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°  | 30044 | 30044 | 30044 | 30044 |
| 5°  | 30179 | 33554 | 30284 | 26806 |
| 10° | 29914 | 37228 | 30127 | 23236 |
| 15° | 29332 | 39058 | 29829 | 18308 |
| 20° | 28617 | 33860 | 29240 | 15841 |
| 25° | 27737 | 22208 | 28335 | 14145 |
| 30° | 26591 | 14948 | 27315 | 12802 |
| 35° | 25183 | 12106 | 25998 | 11546 |
| 40° | 23602 | 10766 | 24610 | 10683 |
| 45° | 21909 | 9745  | 22825 | 9536  |
| 50° | 20171 | 8868  | 21112 | 8836  |
| 55° | 18236 | 8334  | 19219 | 8227  |
| 60° | 16535 | 6974  | 17412 | 6889  |
| 65° | 14971 | 5880  | 15859 | 6671  |
| 70° | 13246 | 5433  | 14283 | 6290  |
| 75° | 11455 | 5082  | 12501 | 5810  |
| 80° | 9499  | 4685  | 10219 | 5169  |
| 85° | 7428  | 4304  | 8137  | 4559  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 160°

Vertical Angle: 45°

Luminance: 32981 cd/sqm

TEST NUMBER: P996079

CATALOG NUMBER: S122RDRP-B865DB30-4F0-XX-W2A-A

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 180.0  | 5.5       |
| 10°-20°   | 502.5  | 15.3      |
| 20°-30°   | 646.7  | 19.7      |
| 30°-40°   | 613.5  | 18.7      |
| 40°-50°   | 525.8  | 16.0      |
| 50°-60°   | 400.4  | 12.2      |
| 60°-70°   | 252.5  | 7.7       |
| 70°-80°   | 126.0  | 3.8       |
| 80°-90°   | 32.4   | 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       |
| <hr/>     |        |           |
| 0°-30°    | 1329.3 | 40.5      |
| 0°-40°    | 1942.8 | 59.2      |
| 0°-60°    | 2869.1 | 87.5      |
| 0°-90°    | 3280.0 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 3280.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 90°  | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0°  | 1898 | 1898 | 1898 | 1898 | 1898 |      |
| 5°  | 1899 | 2112 | 1906 | 1687 | 1899 | 180  |
| 15° | 1790 | 2383 | 1820 | 1117 | 1790 | 504  |
| 25° | 1588 | 1272 | 1622 | 810  | 1588 | 729  |
| 35° | 1303 | 626  | 1345 | 598  | 1303 | 815  |
| 45° | 979  | 435  | 1020 | 426  | 979  | 755  |
| 55° | 661  | 302  | 696  | 298  | 661  | 596  |
| 65° | 400  | 157  | 423  | 178  | 400  | 397  |
| 75° | 187  | 83   | 204  | 95   | 187  | 203  |
| 85° | 41   | 24   | 45   | 25   | 41   | 49   |
| 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°    | 1898.0 | 1898.0 | 1898.0 | 1898.0 | 1898.0 | 1898.0 | 1898.0 | 1898.0 | 1898.0 | 1898.0 | 1898.0 |
| 2.5°  | 1909.9 | 1917.8 | 1921.8 | 1927.0 | 1938.9 | 1946.8 | 1958.7 | 1961.3 | 1960.0 | 1965.3 | 1950.8 |
| 5°    | 1899.3 | 1916.5 | 1932.3 | 1945.5 | 1966.6 | 1979.8 | 1994.3 | 2011.4 | 2015.4 | 2035.2 | 2023.3 |
| 7.5°  | 1884.8 | 1909.9 | 1932.3 | 1958.7 | 1990.3 | 2007.5 | 2029.9 | 2056.3 | 2068.2 | 2091.9 | 2098.5 |
| 10°   | 1861.1 | 1896.7 | 1934.9 | 1962.6 | 2006.2 | 2036.5 | 2057.6 | 2099.8 | 2127.5 | 2163.1 | 2157.9 |
| 12.5° | 1822.8 | 1869.0 | 1920.4 | 1966.6 | 2023.3 | 2043.1 | 2082.7 | 2126.2 | 2161.8 | 2194.8 | 2223.8 |
| 15°   | 1789.9 | 1842.6 | 1899.3 | 1956.0 | 2020.7 | 2057.6 | 2097.2 | 2153.9 | 2192.1 | 2250.2 | 2275.2 |
| 17.5° | 1745.0 | 1812.3 | 1879.5 | 1942.9 | 2019.4 | 2061.6 | 2110.4 | 2165.8 | 2222.5 | 2277.9 | 2297.7 |
| 20°   | 1698.8 | 1771.4 | 1843.9 | 1929.7 | 2016.7 | 2057.6 | 2107.7 | 2176.3 | 2231.7 | 2275.2 | 2275.2 |
| 22.5° | 1643.4 | 1731.8 | 1814.9 | 1896.7 | 1991.7 | 2051.0 | 2102.5 | 2182.9 | 2222.5 | 2231.7 | 2196.1 |
| 25°   | 1588.1 | 1676.4 | 1767.4 | 1869.0 | 1977.2 | 2029.9 | 2087.9 | 2163.1 | 2176.3 | 2139.4 | 2047.1 |
| 27.5° | 1522.1 | 1621.0 | 1723.9 | 1833.4 | 1946.8 | 2012.8 | 2065.5 | 2115.6 | 2090.6 | 1991.7 | 1847.9 |
| 30°   | 1454.8 | 1561.7 | 1677.7 | 1781.9 | 1919.1 | 1979.8 | 2024.6 | 2039.1 | 1960.0 | 1799.1 | 1613.1 |
| 32.5° | 1384.9 | 1489.1 | 1611.8 | 1737.1 | 1875.6 | 1933.6 | 1962.6 | 1924.4 | 1779.3 | 1576.2 | 1349.3 |
| 35°   | 1303.2 | 1420.5 | 1548.5 | 1679.1 | 1816.2 | 1859.8 | 1876.9 | 1783.3 | 1597.3 | 1334.8 | 1109.3 |
| 37.5° | 1229.3 | 1346.7 | 1483.9 | 1617.1 | 1750.3 | 1774.0 | 1756.9 | 1610.5 | 1374.4 | 1114.5 | 894.3  |
| 40°   | 1142.2 | 1267.5 | 1402.1 | 1551.1 | 1660.6 | 1667.2 | 1625.0 | 1435.0 | 1142.2 | 898.2  | 762.4  |
| 42.5° | 1061.8 | 1188.4 | 1322.9 | 1474.6 | 1557.7 | 1535.3 | 1478.6 | 1229.3 | 953.6  | 774.2  | 664.8  |
| 45°   | 978.7  | 1098.7 | 1243.8 | 1378.3 | 1437.7 | 1384.9 | 1299.2 | 1034.1 | 800.6  | 666.1  | 581.7  |
| 47.5° | 898.2  | 1010.3 | 1154.1 | 1283.4 | 1293.9 | 1234.6 | 1133.0 | 866.6  | 693.8  | 585.6  | 517.0  |
| 50°   | 819.1  | 931.2  | 1065.7 | 1172.6 | 1162.0 | 1080.2 | 965.5  | 753.1  | 602.8  | 517.0  | 460.3  |
| 52.5° | 739.9  | 841.5  | 972.1  | 1056.5 | 1011.7 | 932.5  | 819.1  | 638.4  | 526.3  | 451.1  | 407.6  |
| 55°   | 660.8  | 755.8  | 867.9  | 937.8  | 866.6  | 775.6  | 695.1  | 547.4  | 456.4  | 395.7  | 362.7  |
| 57.5° | 594.9  | 670.0  | 772.9  | 815.1  | 729.4  | 658.2  | 588.3  | 470.9  | 395.7  | 352.2  | 313.9  |
| 60°   | 522.3  | 590.9  | 675.3  | 700.4  | 612.0  | 554.0  | 494.6  | 398.3  | 339.0  | 300.7  | 275.7  |
| 62.5° | 460.3  | 517.0  | 581.7  | 581.7  | 503.9  | 460.3  | 415.5  | 333.7  | 284.9  | 254.6  | 242.7  |
| 65°   | 399.7  | 440.5  | 486.7  | 481.4  | 415.5  | 377.2  | 341.6  | 275.7  | 238.7  | 217.6  | 205.8  |
| 67.5° | 340.3  | 372.0  | 402.3  | 383.8  | 336.3  | 303.4  | 270.4  | 222.9  | 197.8  | 183.3  | 167.5  |
| 70°   | 286.2  | 311.3  | 327.1  | 310.0  | 262.5  | 234.8  | 211.0  | 179.4  | 159.6  | 141.1  | 131.9  |
| 72.5° | 240.1  | 250.6  | 255.9  | 234.8  | 195.2  | 179.4  | 162.2  | 139.8  | 122.7  | 113.4  | 110.8  |
| 75°   | 187.3  | 196.5  | 192.6  | 176.7  | 143.8  | 131.9  | 118.7  | 102.9  | 98.9   | 93.6   | 91.0   |
| 77.5° | 146.4  | 146.4  | 139.8  | 125.3  | 102.9  | 93.6   | 88.4   | 80.5   | 76.5   | 75.2   | 72.5   |
| 80°   | 104.2  | 102.9  | 98.9   | 83.1   | 69.9   | 64.6   | 64.6   | 59.4   | 58.0   | 55.4   | 55.4   |
| 82.5° | 68.6   | 68.6   | 63.3   | 50.1   | 46.2   | 44.8   | 43.5   | 40.9   | 40.9   | 39.6   | 39.6   |
| 85°   | 40.9   | 38.3   | 31.7   | 27.7   | 26.4   | 26.4   | 25.1   | 23.7   | 25.1   | 23.7   | 23.7   |
| 87.5° | 18.5   | 14.5   | 10.6   | 10.6   | 10.6   | 10.6   | 10.6   | 10.6   | 10.6   | 10.6   | 10.6   |
| 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°    | 1898.0 | 1898.0 | 1898.0 | 1898.0 | 1898.0 | 1898.0 | 1898.0 | 1898.0 | 1898.0 | 1898.0 | 1898.0 |
| 2.5°  | 1965.3 | 1967.9 | 1971.9 | 1990.3 | 1993.0 | 1998.3 | 1995.6 | 1995.6 | 1996.9 | 1994.3 | 1995.6 |
| 5°    | 2049.7 | 2053.7 | 2073.4 | 2095.9 | 2101.1 | 2095.9 | 2102.5 | 2111.7 | 2111.7 | 2111.7 | 2109.0 |
| 7.5°  | 2128.8 | 2143.3 | 2165.8 | 2198.7 | 2205.3 | 2211.9 | 2223.8 | 2215.9 | 2218.5 | 2230.4 | 2226.4 |
| 10°   | 2205.3 | 2226.4 | 2251.5 | 2279.2 | 2293.7 | 2302.9 | 2308.2 | 2320.1 | 2347.8 | 2316.1 | 2328.0 |
| 12.5° | 2277.9 | 2308.2 | 2334.6 | 2364.9 | 2375.5 | 2387.4 | 2391.3 | 2401.9 | 2401.9 | 2400.5 | 2409.8 |
| 15°   | 2325.4 | 2353.1 | 2376.8 | 2396.6 | 2399.2 | 2396.6 | 2393.9 | 2395.3 | 2399.2 | 2383.4 | 2392.6 |
| 17.5° | 2335.9 | 2338.6 | 2346.5 | 2338.6 | 2339.9 | 2312.2 | 2296.3 | 2292.4 | 2255.5 | 2256.8 | 2287.1 |
| 20°   | 2284.5 | 2239.6 | 2227.8 | 2184.2 | 2157.9 | 2086.6 | 2084.0 | 2064.2 | 1986.4 | 2010.1 | 2004.8 |
| 22.5° | 2143.3 | 2066.8 | 1965.3 | 1915.2 | 1890.1 | 1814.9 | 1756.9 | 1716.0 | 1688.3 | 1660.6 | 1648.7 |
| 25°   | 1957.4 | 1833.4 | 1689.6 | 1590.7 | 1576.2 | 1506.3 | 1399.4 | 1349.3 | 1290.0 | 1271.5 | 1303.2 |
| 27.5° | 1717.3 | 1556.4 | 1394.2 | 1242.5 | 1214.8 | 1151.5 | 1097.4 | 1061.8 | 993.2  | 989.2  | 991.9  |
| 30°   | 1391.5 | 1229.3 | 1093.4 | 994.5  | 925.9  | 896.9  | 861.3  | 834.9  | 807.2  | 817.8  | 820.4  |
| 32.5° | 1143.6 | 989.2  | 862.6  | 809.9  | 778.2  | 759.7  | 729.4  | 712.2  | 700.4  | 696.4  | 695.1  |
| 35°   | 908.8  | 805.9  | 749.2  | 697.7  | 679.3  | 666.1  | 643.7  | 635.7  | 625.2  | 626.5  | 626.5  |
| 37.5° | 778.2  | 692.5  | 650.3  | 623.9  | 606.7  | 600.1  | 585.6  | 577.7  | 571.1  | 568.5  | 572.4  |
| 40°   | 671.4  | 612.0  | 585.6  | 561.9  | 547.4  | 544.7  | 536.8  | 527.6  | 519.7  | 521.0  | 525.0  |
| 42.5° | 593.5  | 559.2  | 527.6  | 509.1  | 498.6  | 494.6  | 488.0  | 481.4  | 481.4  | 477.5  | 476.2  |
| 45°   | 531.5  | 503.9  | 477.5  | 460.3  | 453.7  | 448.5  | 440.5  | 439.2  | 433.9  | 435.3  | 436.6  |
| 47.5° | 476.2  | 453.7  | 433.9  | 416.8  | 410.2  | 408.9  | 401.0  | 395.7  | 395.7  | 394.4  | 393.1  |
| 50°   | 426.0  | 403.6  | 386.5  | 377.2  | 368.0  | 365.4  | 364.0  | 362.7  | 360.1  | 360.1  | 361.4  |
| 52.5° | 385.1  | 362.7  | 349.5  | 341.6  | 336.3  | 333.7  | 333.7  | 332.4  | 332.4  | 332.4  | 331.1  |
| 55°   | 340.3  | 321.8  | 311.3  | 308.6  | 306.0  | 304.7  | 303.4  | 300.7  | 299.4  | 302.0  | 299.4  |
| 57.5° | 298.1  | 291.5  | 282.3  | 279.6  | 273.0  | 273.0  | 269.1  | 266.4  | 263.8  | 266.4  | 266.4  |
| 60°   | 265.1  | 255.9  | 250.6  | 242.7  | 237.4  | 232.1  | 225.5  | 224.2  | 221.6  | 220.3  | 219.0  |
| 62.5° | 230.8  | 222.9  | 209.7  | 197.8  | 189.9  | 184.7  | 182.0  | 180.7  | 180.7  | 179.4  | 179.4  |
| 65°   | 192.6  | 174.1  | 167.5  | 163.6  | 162.2  | 160.9  | 158.3  | 157.0  | 158.3  | 157.0  | 158.3  |
| 67.5° | 150.4  | 147.7  | 143.8  | 141.1  | 139.8  | 138.5  | 138.5  | 137.2  | 137.2  | 137.2  | 137.2  |
| 70°   | 130.6  | 124.0  | 122.7  | 120.0  | 120.0  | 118.7  | 118.7  | 118.7  | 118.7  | 117.4  | 120.0  |
| 72.5° | 108.2  | 104.2  | 102.9  | 101.6  | 101.6  | 101.6  | 100.2  | 100.2  | 100.2  | 98.9   | 100.2  |
| 75°   | 88.4   | 87.1   | 84.4   | 84.4   | 83.1   | 84.4   | 83.1   | 83.1   | 81.8   | 83.1   | 83.1   |
| 77.5° | 71.2   | 69.9   | 68.6   | 68.6   | 67.3   | 67.3   | 67.3   | 67.3   | 67.3   | 67.3   | 68.6   |
| 80°   | 54.1   | 52.8   | 51.4   | 52.8   | 51.4   | 52.8   | 51.4   | 51.4   | 52.8   | 51.4   | 51.4   |
| 82.5° | 39.6   | 38.3   | 38.3   | 36.9   | 36.9   | 36.9   | 36.9   | 36.9   | 36.9   | 36.9   | 36.9   |
| 85°   | 23.7   | 22.4   | 22.4   | 23.7   | 22.4   | 23.7   | 22.4   | 22.4   | 22.4   | 23.7   | 23.7   |
| 87.5° | 10.6   | 11.9   | 10.6   | 10.6   | 10.6   | 10.6   | 10.6   | 10.6   | 10.6   | 10.6   | 11.9   |
| 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):**

|       | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1898.0 | 1898.0 | 1898.0 | 1898.0 | 1898.0 | 1898.0 | 1898.0 | 1898.0 | 1898.0 | 1898.0 | 1898.0 |
| 2.5°  | 2000.9 | 1991.7 | 1989.0 | 1991.7 | 1989.0 | 1990.3 | 1981.1 | 1946.8 | 1956.0 | 1941.5 | 1949.5 |
| 5°    | 2114.3 | 2106.4 | 2089.3 | 2086.6 | 2084.0 | 2081.4 | 2068.2 | 2037.8 | 2026.0 | 2006.2 | 2004.8 |
| 7.5°  | 2222.5 | 2222.5 | 2209.3 | 2200.1 | 2188.2 | 2179.0 | 2161.8 | 2117.0 | 2098.5 | 2074.8 | 2061.6 |
| 10°   | 2329.3 | 2295.0 | 2309.5 | 2300.3 | 2271.3 | 2266.0 | 2234.4 | 2208.0 | 2172.4 | 2148.6 | 2127.5 |
| 12.5° | 2405.8 | 2395.3 | 2382.1 | 2374.2 | 2366.2 | 2349.1 | 2328.0 | 2260.7 | 2242.3 | 2194.8 | 2171.0 |
| 15°   | 2403.2 | 2396.6 | 2400.5 | 2400.5 | 2397.9 | 2393.9 | 2376.8 | 2328.0 | 2296.3 | 2250.2 | 2209.3 |
| 17.5° | 2273.9 | 2291.1 | 2308.2 | 2320.1 | 2346.5 | 2358.3 | 2374.2 | 2345.1 | 2325.4 | 2285.8 | 2242.3 |
| 20°   | 2048.4 | 2090.6 | 2140.7 | 2151.3 | 2175.0 | 2244.9 | 2276.6 | 2301.6 | 2309.5 | 2296.3 | 2260.7 |
| 22.5° | 1734.5 | 1770.1 | 1891.4 | 1888.8 | 1923.1 | 2006.2 | 2098.5 | 2173.7 | 2233.0 | 2266.0 | 2252.8 |
| 25°   | 1358.5 | 1408.7 | 1473.3 | 1522.1 | 1634.2 | 1758.2 | 1873.0 | 1993.0 | 2095.9 | 2186.9 | 2209.3 |
| 27.5° | 1027.5 | 1093.4 | 1144.9 | 1209.5 | 1266.2 | 1412.6 | 1560.4 | 1747.6 | 1867.7 | 2040.5 | 2130.2 |
| 30°   | 831.0  | 861.3  | 912.7  | 943.1  | 970.8  | 1082.9 | 1250.4 | 1435.0 | 1646.1 | 1845.3 | 1999.6 |
| 32.5° | 709.6  | 730.7  | 769.0  | 782.2  | 811.2  | 886.4  | 991.9  | 1160.7 | 1378.3 | 1619.7 | 1822.8 |
| 35°   | 637.1  | 659.5  | 667.4  | 679.3  | 703.0  | 750.5  | 823.0  | 945.7  | 1142.2 | 1378.3 | 1621.0 |
| 37.5° | 575.1  | 586.9  | 609.4  | 617.3  | 625.2  | 660.8  | 709.6  | 795.3  | 925.9  | 1119.8 | 1388.9 |
| 40°   | 531.5  | 538.1  | 550.0  | 556.6  | 561.9  | 586.9  | 630.5  | 688.5  | 784.8  | 932.5  | 1180.5 |
| 42.5° | 485.4  | 493.3  | 501.2  | 509.1  | 515.7  | 535.5  | 561.9  | 617.3  | 681.9  | 794.0  | 973.4  |
| 45°   | 440.5  | 445.8  | 455.0  | 460.3  | 469.6  | 485.4  | 509.1  | 547.4  | 605.4  | 676.6  | 821.7  |
| 47.5° | 399.7  | 406.2  | 410.2  | 416.8  | 423.4  | 440.5  | 463.0  | 488.0  | 535.5  | 605.4  | 710.9  |
| 50°   | 362.7  | 370.6  | 375.9  | 377.2  | 382.5  | 398.3  | 416.8  | 444.5  | 474.8  | 528.9  | 621.2  |
| 52.5° | 336.3  | 337.7  | 341.6  | 346.9  | 345.6  | 354.8  | 372.0  | 393.1  | 424.7  | 468.2  | 535.5  |
| 55°   | 306.0  | 310.0  | 312.6  | 313.9  | 313.9  | 321.8  | 331.1  | 350.8  | 375.9  | 411.5  | 468.2  |
| 57.5° | 267.8  | 271.7  | 279.6  | 282.3  | 286.2  | 290.2  | 294.1  | 307.3  | 328.4  | 362.7  | 408.9  |
| 60°   | 228.2  | 230.8  | 238.7  | 244.0  | 246.6  | 257.2  | 262.5  | 273.0  | 284.9  | 310.0  | 353.5  |
| 62.5° | 183.3  | 186.0  | 189.9  | 195.2  | 200.5  | 216.3  | 229.5  | 240.1  | 249.3  | 266.4  | 302.0  |
| 65°   | 159.6  | 160.9  | 163.6  | 164.9  | 166.2  | 172.8  | 184.7  | 199.2  | 216.3  | 229.5  | 250.6  |
| 67.5° | 138.5  | 139.8  | 141.1  | 143.8  | 145.1  | 146.4  | 151.7  | 155.6  | 172.8  | 191.3  | 207.1  |
| 70°   | 118.7  | 121.3  | 122.7  | 122.7  | 124.0  | 126.6  | 129.3  | 134.5  | 139.8  | 149.0  | 168.8  |
| 72.5° | 100.2  | 101.6  | 104.2  | 104.2  | 104.2  | 106.8  | 109.5  | 112.1  | 114.8  | 120.0  | 127.9  |
| 75°   | 83.1   | 85.7   | 85.7   | 85.7   | 87.1   | 87.1   | 89.7   | 92.3   | 95.0   | 98.9   | 101.6  |
| 77.5° | 68.6   | 68.6   | 68.6   | 68.6   | 69.9   | 69.9   | 71.2   | 73.9   | 75.2   | 76.5   | 79.1   |
| 80°   | 51.4   | 52.8   | 52.8   | 52.8   | 54.1   | 54.1   | 54.1   | 56.7   | 58.0   | 58.0   | 60.7   |
| 82.5° | 38.3   | 38.3   | 38.3   | 39.6   | 38.3   | 39.6   | 39.6   | 40.9   | 39.6   | 40.9   | 42.2   |
| 85°   | 23.7   | 23.7   | 23.7   | 25.1   | 25.1   | 25.1   | 25.1   | 25.1   | 25.1   | 25.1   | 26.4   |
| 87.5° | 11.9   | 11.9   | 11.9   | 11.9   | 11.9   | 11.9   | 11.9   | 11.9   | 13.2   | 11.9   | 11.9   |
| 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):**

|       | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1898.0 | 1898.0 | 1898.0 | 1898.0 | 1898.0 | 1898.0 | 1898.0 | 1898.0 | 1898.0 | 1898.0 | 1898.0 |
| 2.5°  | 1937.6 | 1931.0 | 1931.0 | 1927.0 | 1927.0 | 1905.9 | 1905.9 | 1912.5 | 1904.6 | 1895.4 | 1882.2 |
| 5°    | 1987.7 | 1973.2 | 1969.2 | 1964.0 | 1946.8 | 1920.4 | 1909.9 | 1905.9 | 1890.1 | 1870.3 | 1847.9 |
| 7.5°  | 2035.2 | 2011.4 | 1999.6 | 1987.7 | 1965.3 | 1928.3 | 1907.2 | 1892.7 | 1869.0 | 1838.7 | 1809.6 |
| 10°   | 2081.4 | 2051.0 | 2020.7 | 2006.2 | 1974.5 | 1928.3 | 1898.0 | 1874.3 | 1840.0 | 1799.1 | 1758.2 |
| 12.5° | 2123.6 | 2060.2 | 2055.0 | 2026.0 | 1979.8 | 1927.0 | 1880.9 | 1846.6 | 1803.0 | 1755.6 | 1708.1 |
| 15°   | 2160.5 | 2095.9 | 2064.2 | 2037.8 | 1977.2 | 1911.2 | 1862.4 | 1820.2 | 1762.2 | 1708.1 | 1650.0 |
| 17.5° | 2179.0 | 2109.0 | 2087.9 | 2044.4 | 1982.4 | 1896.7 | 1830.7 | 1779.3 | 1716.0 | 1651.4 | 1585.4 |
| 20°   | 2197.4 | 2115.6 | 2081.4 | 2051.0 | 1966.6 | 1869.0 | 1795.1 | 1735.8 | 1665.9 | 1589.4 | 1516.8 |
| 22.5° | 2206.7 | 2115.6 | 2074.8 | 2032.5 | 1950.8 | 1838.7 | 1751.6 | 1681.7 | 1599.9 | 1522.1 | 1435.0 |
| 25°   | 2190.8 | 2107.7 | 2058.9 | 2015.4 | 1923.1 | 1801.7 | 1701.5 | 1622.3 | 1535.3 | 1446.9 | 1358.5 |
| 27.5° | 2151.3 | 2089.3 | 2032.5 | 1987.7 | 1884.8 | 1754.2 | 1648.7 | 1559.0 | 1469.3 | 1370.4 | 1280.7 |
| 30°   | 2077.4 | 2049.7 | 2004.8 | 1954.7 | 1842.6 | 1712.0 | 1586.7 | 1494.4 | 1395.5 | 1296.6 | 1202.9 |
| 32.5° | 1962.6 | 1986.4 | 1957.4 | 1913.8 | 1792.5 | 1654.0 | 1520.8 | 1427.1 | 1319.0 | 1212.1 | 1126.4 |
| 35°   | 1822.8 | 1907.2 | 1891.4 | 1861.1 | 1739.7 | 1592.0 | 1458.8 | 1345.4 | 1237.2 | 1129.0 | 1043.3 |
| 37.5° | 1669.8 | 1797.8 | 1811.0 | 1792.5 | 1679.1 | 1528.7 | 1382.3 | 1271.5 | 1160.7 | 1051.2 | 964.2  |
| 40°   | 1460.1 | 1656.6 | 1698.8 | 1706.8 | 1615.8 | 1452.2 | 1299.2 | 1191.0 | 1081.6 | 974.7  | 869.2  |
| 42.5° | 1267.5 | 1515.5 | 1568.3 | 1601.2 | 1535.3 | 1377.0 | 1222.7 | 1102.7 | 994.5  | 898.2  | 792.7  |
| 45°   | 1086.8 | 1345.4 | 1431.1 | 1473.3 | 1444.3 | 1291.3 | 1131.7 | 1019.6 | 920.6  | 832.3  | 730.7  |
| 47.5° | 900.9  | 1160.7 | 1280.7 | 1348.0 | 1348.0 | 1204.2 | 1044.6 | 933.8  | 838.9  | 763.7  | 674.0  |
| 50°   | 776.9  | 993.2  | 1117.2 | 1205.5 | 1229.3 | 1115.9 | 965.5  | 857.3  | 767.6  | 685.9  | 617.3  |
| 52.5° | 662.1  | 856.0  | 958.9  | 1051.2 | 1119.8 | 1020.9 | 877.1  | 779.5  | 691.1  | 614.6  | 560.6  |
| 55°   | 572.4  | 717.5  | 811.2  | 912.7  | 989.2  | 924.6  | 791.4  | 696.4  | 619.9  | 556.6  | 510.4  |
| 57.5° | 486.7  | 613.3  | 689.8  | 779.5  | 861.3  | 812.5  | 705.7  | 623.9  | 556.6  | 501.2  | 460.3  |
| 60°   | 414.2  | 517.0  | 576.4  | 646.3  | 747.9  | 713.6  | 625.2  | 550.0  | 495.9  | 445.8  | 411.5  |
| 62.5° | 352.2  | 433.9  | 484.1  | 534.2  | 626.5  | 610.7  | 542.1  | 484.1  | 437.9  | 395.7  | 366.7  |
| 65°   | 288.9  | 356.1  | 395.7  | 439.2  | 513.1  | 519.7  | 464.3  | 423.4  | 381.2  | 344.3  | 317.9  |
| 67.5° | 233.5  | 286.2  | 321.8  | 358.8  | 418.1  | 436.6  | 398.3  | 364.0  | 328.4  | 298.1  | 274.3  |
| 70°   | 188.6  | 225.5  | 251.9  | 280.9  | 329.7  | 352.2  | 332.4  | 308.6  | 279.6  | 254.6  | 233.5  |
| 72.5° | 149.0  | 172.8  | 188.6  | 211.0  | 250.6  | 273.0  | 271.7  | 250.6  | 229.5  | 212.4  | 195.2  |
| 75°   | 109.5  | 127.9  | 141.1  | 155.6  | 187.3  | 208.4  | 213.7  | 204.4  | 183.3  | 170.1  | 157.0  |
| 77.5° | 83.1   | 93.6   | 100.2  | 110.8  | 133.2  | 151.7  | 159.6  | 157.0  | 142.4  | 131.9  | 122.7  |
| 80°   | 63.3   | 65.9   | 68.6   | 72.5   | 91.0   | 108.2  | 113.4  | 112.1  | 104.2  | 100.2  | 89.7   |
| 82.5° | 44.8   | 46.2   | 47.5   | 48.8   | 55.4   | 69.9   | 75.2   | 77.8   | 71.2   | 67.3   | 58.0   |
| 85°   | 26.4   | 27.7   | 27.7   | 30.3   | 31.7   | 35.6   | 44.8   | 44.8   | 43.5   | 38.3   | 36.9   |
| 87.5° | 13.2   | 13.2   | 11.9   | 11.9   | 13.2   | 14.5   | 17.1   | 19.8   | 17.1   | 15.8   | 14.5   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

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**CANDELA DISTRIBUTION (continued):**

|       | 200°   | 202.5° | 205°   | 210°   | 215°   | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1898.0 | 1898.0 | 1898.0 | 1898.0 | 1898.0 | 1898.0 | 1898.0 | 1898.0 | 1898.0 | 1898.0 | 1898.0 |
| 2.5°  | 1876.9 | 1878.2 | 1882.2 | 1870.3 | 1851.8 | 1843.9 | 1820.2 | 1816.2 | 1812.3 | 1812.3 | 1816.2 |
| 5°    | 1834.7 | 1829.4 | 1830.7 | 1808.3 | 1781.9 | 1766.1 | 1733.1 | 1738.4 | 1721.3 | 1710.7 | 1713.4 |
| 7.5°  | 1788.5 | 1774.0 | 1772.7 | 1743.7 | 1710.7 | 1681.7 | 1647.4 | 1639.5 | 1623.7 | 1605.2 | 1597.3 |
| 10°   | 1730.5 | 1719.9 | 1700.2 | 1667.2 | 1625.0 | 1601.2 | 1555.1 | 1527.4 | 1523.4 | 1495.7 | 1485.2 |
| 12.5° | 1671.1 | 1652.7 | 1632.9 | 1586.7 | 1539.2 | 1501.0 | 1466.7 | 1436.4 | 1415.3 | 1391.5 | 1375.7 |
| 15°   | 1602.6 | 1580.1 | 1557.7 | 1508.9 | 1453.5 | 1415.3 | 1363.8 | 1319.0 | 1257.0 | 1208.2 | 1180.5 |
| 17.5° | 1527.4 | 1502.3 | 1472.0 | 1417.9 | 1363.8 | 1311.1 | 1216.1 | 1163.3 | 1119.8 | 1090.8 | 1073.6 |
| 20°   | 1449.6 | 1421.9 | 1391.5 | 1337.4 | 1243.8 | 1151.5 | 1098.7 | 1057.8 | 1031.4 | 1002.4 | 981.3  |
| 22.5° | 1367.8 | 1338.8 | 1305.8 | 1221.4 | 1122.5 | 1057.8 | 1016.9 | 978.7  | 940.4  | 924.6  | 914.1  |
| 25°   | 1291.3 | 1264.9 | 1222.7 | 1107.9 | 1030.1 | 970.8  | 924.6  | 899.5  | 879.8  | 858.7  | 838.9  |
| 27.5° | 1212.1 | 1163.3 | 1104.0 | 1007.7 | 958.9  | 898.2  | 865.3  | 846.8  | 812.5  | 798.0  | 788.7  |
| 30°   | 1117.2 | 1063.1 | 1006.4 | 937.8  | 881.1  | 838.9  | 808.5  | 778.2  | 758.4  | 743.9  | 728.1  |
| 32.5° | 1020.9 | 969.5  | 933.8  | 862.6  | 820.4  | 776.9  | 747.9  | 729.4  | 700.4  | 691.1  | 684.6  |
| 35°   | 937.8  | 894.3  | 862.6  | 804.6  | 765.0  | 725.4  | 704.3  | 676.6  | 658.2  | 641.0  | 630.5  |
| 37.5° | 856.0  | 832.3  | 799.3  | 750.5  | 708.3  | 676.6  | 647.6  | 638.4  | 613.3  | 604.1  | 593.5  |
| 40°   | 799.3  | 763.7  | 736.0  | 693.8  | 658.2  | 623.9  | 605.4  | 584.3  | 567.2  | 552.7  | 548.7  |
| 42.5° | 730.7  | 704.3  | 688.5  | 642.3  | 605.4  | 585.6  | 563.2  | 539.5  | 526.3  | 514.4  | 499.9  |
| 45°   | 679.3  | 655.5  | 633.1  | 596.2  | 563.2  | 538.1  | 518.4  | 502.5  | 480.1  | 474.8  | 452.4  |
| 47.5° | 625.2  | 601.5  | 584.3  | 547.4  | 517.0  | 493.3  | 478.8  | 457.7  | 439.2  | 427.3  | 416.8  |
| 50°   | 571.1  | 551.3  | 535.5  | 503.9  | 477.5  | 452.4  | 432.6  | 411.5  | 403.6  | 383.8  | 377.2  |
| 52.5° | 519.7  | 506.5  | 489.3  | 459.0  | 432.6  | 411.5  | 390.4  | 373.3  | 361.4  | 350.8  | 342.9  |
| 55°   | 476.2  | 455.0  | 447.1  | 414.2  | 391.7  | 369.3  | 350.8  | 340.3  | 325.8  | 319.2  | 312.6  |
| 57.5° | 427.3  | 415.5  | 402.3  | 377.2  | 352.2  | 331.1  | 317.9  | 302.0  | 294.1  | 286.2  | 280.9  |
| 60°   | 385.1  | 368.0  | 357.4  | 336.3  | 313.9  | 294.1  | 282.3  | 270.4  | 259.8  | 253.2  | 242.7  |
| 62.5° | 336.3  | 323.2  | 316.6  | 294.1  | 275.7  | 257.2  | 246.6  | 234.8  | 226.9  | 215.0  | 201.8  |
| 65°   | 294.1  | 283.6  | 275.7  | 257.2  | 240.1  | 222.9  | 212.4  | 197.8  | 187.3  | 180.7  | 179.4  |
| 67.5° | 257.2  | 249.3  | 237.4  | 220.3  | 203.1  | 189.9  | 178.1  | 166.2  | 164.9  | 162.2  | 162.2  |
| 70°   | 216.3  | 208.4  | 201.8  | 183.3  | 168.8  | 154.3  | 151.7  | 147.7  | 143.8  | 142.4  | 139.8  |
| 72.5° | 180.7  | 174.1  | 166.2  | 150.4  | 135.9  | 131.9  | 129.3  | 126.6  | 122.7  | 121.3  | 120.0  |
| 75°   | 146.4  | 137.2  | 131.9  | 117.4  | 113.4  | 110.8  | 108.2  | 104.2  | 101.6  | 100.2  | 97.6   |
| 77.5° | 112.1  | 102.9  | 102.9  | 95.0   | 92.3   | 88.4   | 85.7   | 83.1   | 81.8   | 79.1   | 79.1   |
| 80°   | 79.1   | 79.1   | 76.5   | 72.5   | 68.6   | 67.3   | 63.3   | 62.0   | 60.7   | 62.0   | 59.4   |
| 82.5° | 58.0   | 52.8   | 52.8   | 50.1   | 47.5   | 46.2   | 43.5   | 43.5   | 42.2   | 42.2   | 42.2   |
| 85°   | 33.0   | 33.0   | 31.7   | 29.0   | 27.7   | 27.7   | 26.4   | 26.4   | 25.1   | 25.1   | 23.7   |
| 87.5° | 13.2   | 11.9   | 13.2   | 11.9   | 11.9   | 10.6   | 10.6   | 10.6   | 9.2    | 10.6   | 9.2    |
| 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°    | 1898.0 | 1898.0 | 1898.0 | 1898.0 | 1898.0 | 1898.0 | 1898.0 | 1898.0 | 1898.0 | 1898.0 | 1898.0 |
| 2.5°  | 1816.2 | 1813.6 | 1805.7 | 1808.3 | 1804.4 | 1804.4 | 1801.7 | 1801.7 | 1801.7 | 1808.3 | 1804.4 |
| 5°    | 1717.3 | 1708.1 | 1698.8 | 1694.9 | 1690.9 | 1687.0 | 1687.0 | 1685.7 | 1697.5 | 1694.9 | 1705.4 |
| 7.5°  | 1594.6 | 1592.0 | 1573.5 | 1573.5 | 1566.9 | 1564.3 | 1570.9 | 1572.2 | 1573.5 | 1576.2 | 1582.8 |
| 10°   | 1485.2 | 1478.6 | 1452.2 | 1454.8 | 1450.9 | 1445.6 | 1449.6 | 1446.9 | 1456.2 | 1458.8 | 1456.2 |
| 12.5° | 1355.9 | 1344.0 | 1315.0 | 1300.5 | 1284.7 | 1272.8 | 1287.3 | 1276.8 | 1313.7 | 1324.3 | 1353.3 |
| 15°   | 1184.4 | 1162.0 | 1142.2 | 1142.2 | 1127.7 | 1117.2 | 1123.8 | 1135.6 | 1143.6 | 1155.4 | 1160.7 |
| 17.5° | 1069.7 | 1060.5 | 1044.6 | 1035.4 | 1031.4 | 1027.5 | 1027.5 | 1032.8 | 1049.9 | 1048.6 | 1059.1 |
| 20°   | 972.1  | 966.8  | 958.9  | 947.0  | 943.1  | 940.4  | 940.4  | 940.4  | 952.3  | 962.9  | 969.5  |
| 22.5° | 904.8  | 900.9  | 895.6  | 879.8  | 871.8  | 869.2  | 875.8  | 879.8  | 889.0  | 896.9  | 903.5  |
| 25°   | 837.6  | 828.3  | 819.1  | 813.8  | 809.9  | 809.9  | 812.5  | 813.8  | 817.8  | 821.7  | 829.6  |
| 27.5° | 782.2  | 775.6  | 762.4  | 747.9  | 747.9  | 743.9  | 746.5  | 749.2  | 758.4  | 771.6  | 778.2  |
| 30°   | 720.2  | 718.8  | 713.6  | 708.3  | 703.0  | 700.4  | 705.7  | 709.6  | 710.9  | 717.5  | 717.5  |
| 32.5° | 675.3  | 666.1  | 656.9  | 651.6  | 648.9  | 647.6  | 648.9  | 654.2  | 654.2  | 662.1  | 671.4  |
| 35°   | 630.5  | 625.2  | 616.0  | 606.7  | 604.1  | 597.5  | 602.8  | 608.0  | 617.3  | 621.2  | 625.2  |
| 37.5° | 581.7  | 575.1  | 571.1  | 568.5  | 563.2  | 564.5  | 560.6  | 568.5  | 576.4  | 575.1  | 577.7  |
| 40°   | 544.7  | 532.9  | 521.0  | 519.7  | 518.4  | 517.0  | 517.0  | 518.4  | 523.6  | 528.9  | 536.8  |
| 42.5° | 497.3  | 493.3  | 482.7  | 472.2  | 469.6  | 466.9  | 464.3  | 469.6  | 480.1  | 489.3  | 493.3  |
| 45°   | 448.5  | 443.2  | 440.5  | 432.6  | 427.3  | 426.0  | 423.4  | 430.0  | 439.2  | 443.2  | 445.8  |
| 47.5° | 403.6  | 402.3  | 394.4  | 395.7  | 391.7  | 393.1  | 391.7  | 395.7  | 395.7  | 399.7  | 402.3  |
| 50°   | 373.3  | 369.3  | 365.4  | 362.7  | 358.8  | 358.8  | 357.4  | 358.8  | 364.0  | 369.3  | 368.0  |
| 52.5° | 342.9  | 336.3  | 335.0  | 333.7  | 331.1  | 333.7  | 329.7  | 331.1  | 336.3  | 339.0  | 337.7  |
| 55°   | 307.3  | 306.0  | 303.4  | 300.7  | 299.4  | 298.1  | 298.1  | 298.1  | 303.4  | 307.3  | 308.6  |
| 57.5° | 279.6  | 273.0  | 267.8  | 267.8  | 262.5  | 261.2  | 263.8  | 265.1  | 269.1  | 271.7  | 274.3  |
| 60°   | 241.4  | 238.7  | 230.8  | 226.9  | 219.0  | 217.6  | 217.6  | 222.9  | 229.5  | 238.7  | 241.4  |
| 62.5° | 200.5  | 196.5  | 195.2  | 195.2  | 195.2  | 195.2  | 195.2  | 195.2  | 195.2  | 196.5  | 196.5  |
| 65°   | 178.1  | 179.4  | 178.1  | 176.7  | 178.1  | 178.1  | 176.7  | 176.7  | 176.7  | 178.1  | 179.4  |
| 67.5° | 159.6  | 158.3  | 159.6  | 158.3  | 157.0  | 157.0  | 155.6  | 157.0  | 158.3  | 159.6  | 159.6  |
| 70°   | 138.5  | 138.5  | 137.2  | 138.5  | 137.2  | 135.9  | 134.5  | 134.5  | 137.2  | 138.5  | 138.5  |
| 72.5° | 118.7  | 118.7  | 117.4  | 117.4  | 114.8  | 114.8  | 116.1  | 114.8  | 114.8  | 118.7  | 118.7  |
| 75°   | 98.9   | 97.6   | 96.3   | 96.3   | 95.0   | 95.0   | 95.0   | 93.6   | 96.3   | 96.3   | 97.6   |
| 77.5° | 77.8   | 77.8   | 77.8   | 76.5   | 76.5   | 75.2   | 75.2   | 76.5   | 76.5   | 76.5   | 77.8   |
| 80°   | 59.4   | 59.4   | 59.4   | 58.0   | 56.7   | 56.7   | 56.7   | 56.7   | 56.7   | 58.0   | 56.7   |
| 82.5° | 40.9   | 40.9   | 40.9   | 40.9   | 40.9   | 39.6   | 39.6   | 39.6   | 40.9   | 40.9   | 39.6   |
| 85°   | 25.1   | 23.7   | 25.1   | 25.1   | 23.7   | 25.1   | 23.7   | 23.7   | 22.4   | 22.4   | 23.7   |
| 87.5° | 10.6   | 9.2    | 7.9    | 7.9    | 9.2    | 7.9    | 7.9    | 7.9    | 9.2    | 7.9    | 7.9    |
| 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):**

|       | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 337.5° | 340°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1898.0 | 1898.0 | 1898.0 | 1898.0 | 1898.0 | 1898.0 | 1898.0 | 1898.0 | 1898.0 | 1898.0 | 1898.0 |
| 2.5°  | 1808.3 | 1814.9 | 1812.3 | 1797.8 | 1812.3 | 1816.2 | 1824.1 | 1832.1 | 1837.3 | 1845.3 | 1851.8 |
| 5°    | 1694.9 | 1708.1 | 1716.0 | 1708.1 | 1734.5 | 1738.4 | 1756.9 | 1767.4 | 1783.3 | 1796.5 | 1807.0 |
| 7.5°  | 1588.1 | 1598.6 | 1614.4 | 1617.1 | 1632.9 | 1651.4 | 1677.7 | 1704.1 | 1729.2 | 1742.4 | 1754.2 |
| 10°   | 1473.3 | 1491.8 | 1515.5 | 1510.2 | 1534.0 | 1563.0 | 1590.7 | 1632.9 | 1654.0 | 1677.7 | 1698.8 |
| 12.5° | 1358.5 | 1370.4 | 1402.1 | 1412.6 | 1446.9 | 1469.3 | 1507.6 | 1534.0 | 1586.7 | 1614.4 | 1632.9 |
| 15°   | 1158.1 | 1206.9 | 1246.4 | 1293.9 | 1338.8 | 1381.0 | 1415.3 | 1462.7 | 1508.9 | 1530.0 | 1560.4 |
| 17.5° | 1067.1 | 1089.5 | 1113.2 | 1137.0 | 1195.0 | 1270.2 | 1330.9 | 1382.3 | 1421.9 | 1449.6 | 1485.2 |
| 20°   | 972.1  | 994.5  | 1020.9 | 1043.3 | 1078.9 | 1133.0 | 1208.2 | 1296.6 | 1344.0 | 1373.1 | 1407.4 |
| 22.5° | 904.8  | 925.9  | 943.1  | 962.9  | 990.6  | 1030.1 | 1086.8 | 1196.3 | 1259.6 | 1295.2 | 1325.6 |
| 25°   | 832.3  | 858.7  | 877.1  | 891.6  | 914.1  | 957.6  | 1003.7 | 1065.7 | 1179.2 | 1206.9 | 1249.1 |
| 27.5° | 782.2  | 790.1  | 811.2  | 833.6  | 856.0  | 879.8  | 927.2  | 980.0  | 1056.5 | 1117.2 | 1168.6 |
| 30°   | 722.8  | 742.6  | 762.4  | 771.6  | 791.4  | 825.7  | 854.7  | 911.4  | 970.8  | 1018.3 | 1080.2 |
| 32.5° | 678.0  | 689.8  | 703.0  | 725.4  | 743.9  | 767.6  | 796.7  | 844.1  | 894.3  | 924.6  | 972.1  |
| 35°   | 627.8  | 635.7  | 663.4  | 672.7  | 691.1  | 714.9  | 743.9  | 780.8  | 834.9  | 858.7  | 892.9  |
| 37.5° | 580.4  | 598.8  | 606.7  | 627.8  | 645.0  | 668.7  | 689.8  | 732.0  | 767.6  | 795.3  | 827.0  |
| 40°   | 543.4  | 551.3  | 565.8  | 584.3  | 598.8  | 617.3  | 643.7  | 674.0  | 712.2  | 734.7  | 762.4  |
| 42.5° | 498.6  | 505.2  | 523.6  | 534.2  | 557.9  | 575.1  | 590.9  | 627.8  | 662.1  | 679.3  | 707.0  |
| 45°   | 449.8  | 465.6  | 477.5  | 498.6  | 511.8  | 532.9  | 552.7  | 579.0  | 610.7  | 630.5  | 646.3  |
| 47.5° | 407.6  | 423.4  | 435.3  | 455.0  | 476.2  | 485.4  | 506.5  | 534.2  | 563.2  | 579.0  | 601.5  |
| 50°   | 373.3  | 378.5  | 401.0  | 410.2  | 432.6  | 451.1  | 465.6  | 489.3  | 521.0  | 530.2  | 548.7  |
| 52.5° | 340.3  | 344.3  | 358.8  | 370.6  | 390.4  | 406.2  | 424.7  | 447.1  | 473.5  | 488.0  | 502.5  |
| 55°   | 311.3  | 313.9  | 320.5  | 333.7  | 346.9  | 366.7  | 383.8  | 404.9  | 427.3  | 443.2  | 456.4  |
| 57.5° | 278.3  | 283.6  | 288.9  | 296.8  | 310.0  | 328.4  | 346.9  | 366.7  | 385.1  | 395.7  | 412.8  |
| 60°   | 240.1  | 248.0  | 257.2  | 266.4  | 275.7  | 288.9  | 310.0  | 328.4  | 345.6  | 354.8  | 368.0  |
| 62.5° | 199.2  | 215.0  | 222.9  | 233.5  | 241.4  | 253.2  | 269.1  | 290.2  | 302.0  | 313.9  | 324.5  |
| 65°   | 179.4  | 180.7  | 182.0  | 192.6  | 207.1  | 219.0  | 233.5  | 249.3  | 267.8  | 275.7  | 283.6  |
| 67.5° | 159.6  | 160.9  | 163.6  | 164.9  | 170.1  | 183.3  | 199.2  | 216.3  | 230.8  | 236.1  | 244.0  |
| 70°   | 139.8  | 139.8  | 145.1  | 146.4  | 147.7  | 149.0  | 162.2  | 179.4  | 192.6  | 199.2  | 208.4  |
| 72.5° | 118.7  | 120.0  | 122.7  | 124.0  | 126.6  | 129.3  | 133.2  | 142.4  | 158.3  | 164.9  | 175.4  |
| 75°   | 97.6   | 98.9   | 100.2  | 101.6  | 105.5  | 106.8  | 110.8  | 116.1  | 122.7  | 130.6  | 137.2  |
| 77.5° | 77.8   | 77.8   | 79.1   | 81.8   | 84.4   | 85.7   | 89.7   | 92.3   | 95.0   | 98.9   | 104.2  |
| 80°   | 58.0   | 59.4   | 59.4   | 62.0   | 62.0   | 63.3   | 64.6   | 68.6   | 71.2   | 73.9   | 76.5   |
| 82.5° | 39.6   | 42.2   | 42.2   | 42.2   | 43.5   | 44.8   | 46.2   | 46.2   | 48.8   | 50.1   | 54.1   |
| 85°   | 23.7   | 25.1   | 25.1   | 25.1   | 23.7   | 26.4   | 26.4   | 27.7   | 27.7   | 27.7   | 29.0   |
| 87.5° | 9.2    | 7.9    | 9.2    | 9.2    | 9.2    | 10.6   | 9.2    | 9.2    | 10.6   | 11.9   | 11.9   |
| 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):**

|       | 345°   | 350°   | 355°   | 360°   |
|-------|--------|--------|--------|--------|
| 0°    | 1898.0 | 1898.0 | 1898.0 | 1898.0 |
| 2.5°  | 1863.7 | 1859.8 | 1883.5 | 1909.9 |
| 5°    | 1825.5 | 1832.1 | 1862.4 | 1899.3 |
| 7.5°  | 1785.9 | 1800.4 | 1836.0 | 1884.8 |
| 10°   | 1730.5 | 1756.9 | 1811.0 | 1861.1 |
| 12.5° | 1676.4 | 1712.0 | 1763.5 | 1822.8 |
| 15°   | 1615.8 | 1655.3 | 1718.6 | 1789.9 |
| 17.5° | 1548.5 | 1593.3 | 1667.2 | 1745.0 |
| 20°   | 1477.3 | 1536.6 | 1614.4 | 1698.8 |
| 22.5° | 1398.1 | 1469.3 | 1549.8 | 1643.4 |
| 25°   | 1321.6 | 1399.4 | 1479.9 | 1588.1 |
| 27.5° | 1246.4 | 1322.9 | 1412.6 | 1522.1 |
| 30°   | 1171.3 | 1241.2 | 1337.4 | 1454.8 |
| 32.5° | 1090.8 | 1163.3 | 1264.9 | 1384.9 |
| 35°   | 1016.9 | 1089.5 | 1184.4 | 1303.2 |
| 37.5° | 937.8  | 1015.6 | 1106.6 | 1229.3 |
| 40°   | 845.5  | 936.5  | 1024.8 | 1142.2 |
| 42.5° | 769.0  | 865.3  | 951.0  | 1061.8 |
| 45°   | 708.3  | 799.3  | 870.5  | 978.7  |
| 47.5° | 651.6  | 725.4  | 798.0  | 898.2  |
| 50°   | 597.5  | 654.2  | 729.4  | 819.1  |
| 52.5° | 542.1  | 590.9  | 655.5  | 739.9  |
| 55°   | 492.0  | 538.1  | 596.2  | 660.8  |
| 57.5° | 445.8  | 478.8  | 536.8  | 594.9  |
| 60°   | 394.4  | 428.7  | 473.5  | 522.3  |
| 62.5° | 350.8  | 377.2  | 419.4  | 460.3  |
| 65°   | 304.7  | 329.7  | 361.4  | 399.7  |
| 67.5° | 262.5  | 284.9  | 310.0  | 340.3  |
| 70°   | 224.2  | 241.4  | 259.8  | 286.2  |
| 72.5° | 183.3  | 201.8  | 219.0  | 240.1  |
| 75°   | 150.4  | 158.3  | 172.8  | 187.3  |
| 77.5° | 116.1  | 126.6  | 134.5  | 146.4  |
| 80°   | 83.1   | 92.3   | 95.0   | 104.2  |
| 82.5° | 55.4   | 60.7   | 65.9   | 68.6   |
| 85°   | 31.7   | 34.3   | 39.6   | 40.9   |
| 87.5° | 11.9   | 13.2   | 15.8   | 18.5   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    |

(END OF REPORT)