

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: P1037853

Luminaire Tested: S124RDS-B1195DB2750-4F0-XX-W2A-A\_3500K

Issue Date: 5/2/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P1037853  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1802-639-31)  
Test Lab: INNOVATION CENTER  
Issue Date: 5/2/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: S124RDS-B1195DB2750-4F0-XX-W2A-A\_3500K  
Description: Define 4 Regressed Direct Surface with 3500K BioUP LEDs {m-DER=0.721} {m-EER=0.792}  
Light Source: -  
Ballast/Driver: -

**Summary**

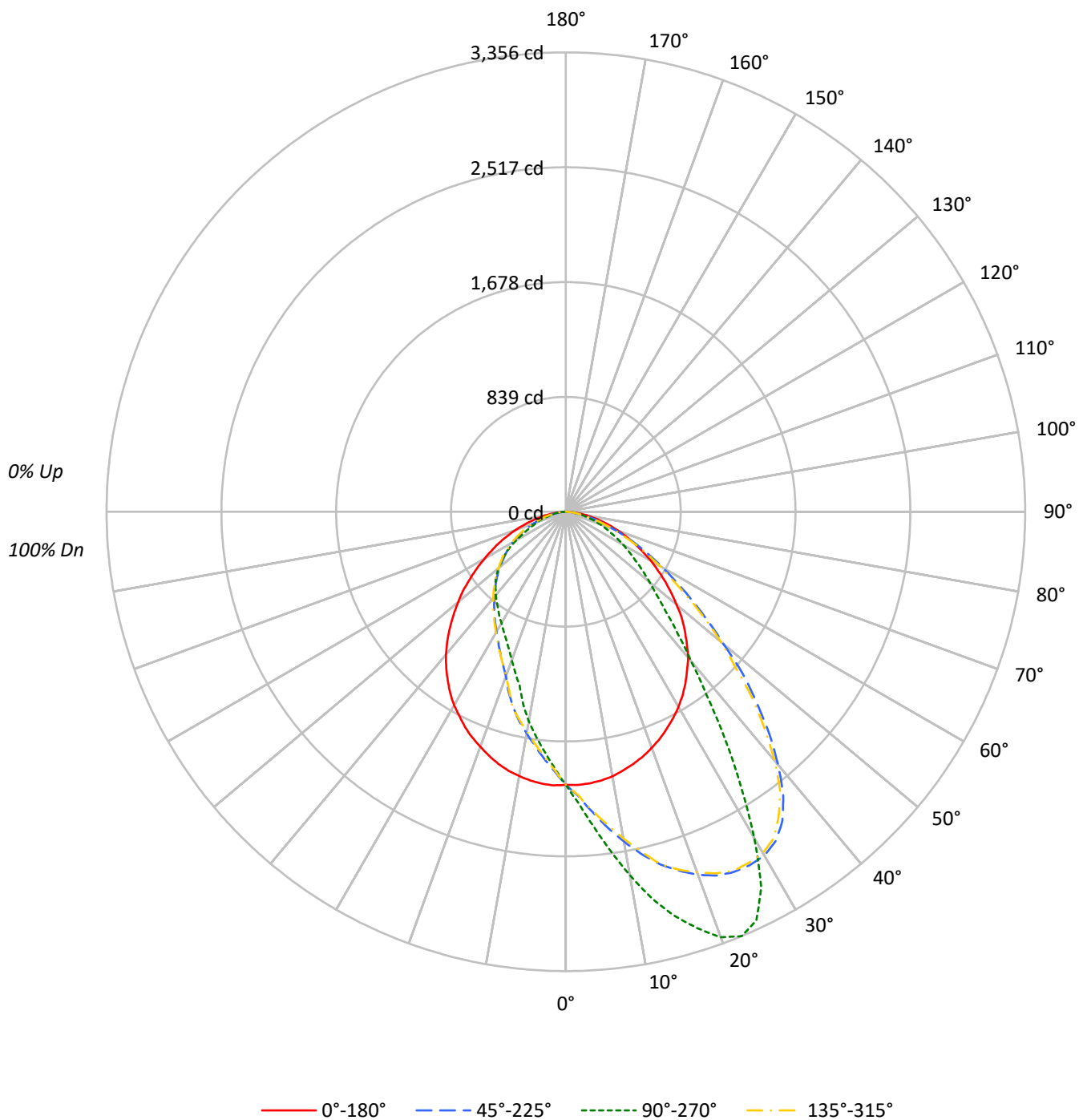
Lumens per Lamp: N/A  
Luminaire Lumens: 5042.0 lumens  
Efficiency: N/A  
Efficacy: 82.3 lumens/watt  
Spacing Criteria (0/90/45): 1.22 / 1.27 / 1.38  
Luminous Opening: Rectangular (W 0.33' x L: 4' x H: 0')  
CIE Type: Direct

Input Watts (W): 61.3  
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

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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  |     |  |  |
| 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   | 110 | 106 | 102 | 98  | 107 | 103 | 100 | 97  | 99  | 96  | 94  | 95  | 93  | 91  | 92  | 90  | 88  | 86  |  |  |
| 2   | 101 | 93  | 87  | 82  | 98  | 92  | 86  | 81  | 88  | 83  | 79  | 85  | 81  | 77  | 82  | 79  | 76  | 74  |  |  |
| 3   | 93  | 83  | 76  | 70  | 90  | 81  | 75  | 69  | 79  | 73  | 68  | 76  | 71  | 67  | 73  | 69  | 65  | 63  |  |  |
| 4   | 85  | 74  | 66  | 60  | 83  | 73  | 65  | 59  | 71  | 64  | 59  | 68  | 63  | 58  | 66  | 61  | 57  | 55  |  |  |
| 5   | 79  | 67  | 58  | 52  | 77  | 66  | 58  | 52  | 64  | 57  | 51  | 62  | 56  | 51  | 60  | 55  | 50  | 48  |  |  |
| 6   | 73  | 61  | 52  | 46  | 71  | 60  | 52  | 46  | 58  | 51  | 46  | 56  | 50  | 45  | 55  | 49  | 45  | 43  |  |  |
| 7   | 68  | 55  | 47  | 41  | 66  | 54  | 47  | 41  | 53  | 46  | 41  | 52  | 45  | 40  | 50  | 44  | 40  | 38  |  |  |
| 8   | 64  | 51  | 42  | 37  | 62  | 50  | 42  | 37  | 49  | 42  | 37  | 47  | 41  | 36  | 46  | 40  | 36  | 34  |  |  |
| 9   | 59  | 47  | 39  | 33  | 58  | 46  | 38  | 33  | 45  | 38  | 33  | 44  | 38  | 33  | 43  | 37  | 33  | 31  |  |  |
| 10  | 56  | 43  | 35  | 30  | 55  | 43  | 35  | 30  | 42  | 35  | 30  | 41  | 34  | 30  | 40  | 34  | 30  | 28  |  |  |

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

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 16265 | 16265 | 16265 | 16265 |
| 5°  | 16300 | 18865 | 16327 | 14419 |
| 10° | 16249 | 22318 | 16236 | 12869 |
| 15° | 16092 | 25780 | 16092 | 11058 |
| 20° | 15927 | 28703 | 15844 | 10000 |
| 25° | 15719 | 29630 | 15647 | 9284  |
| 30° | 15497 | 25939 | 15375 | 8853  |
| 35° | 15167 | 20191 | 14976 | 8592  |
| 40° | 14799 | 15141 | 14508 | 8452  |
| 45° | 14160 | 11955 | 13809 | 8378  |
| 50° | 13395 | 10093 | 13029 | 8136  |
| 55° | 12568 | 8797  | 12155 | 7700  |
| 60° | 11742 | 7916  | 11219 | 6816  |
| 65° | 10699 | 6977  | 10358 | 5862  |
| 70° | 9770  | 6285  | 9313  | 5288  |
| 75° | 8759  | 5268  | 8154  | 4505  |
| 80° | 7546  | 4452  | 6870  | 4226  |
| 85° | 6166  | 3761  | 5108  | 3761  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle:  $35^\circ$

Vertical Angle:  $45^\circ$

Luminance: 24318 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 193.1  | 3.8       |
| 10°-20°   | 583.2  | 11.6      |
| 20°-30°   | 913.6  | 18.1      |
| 30°-40°   | 1014.5 | 20.1      |
| 40°-50°   | 899.0  | 17.8      |
| 50°-60°   | 700.6  | 13.9      |
| 60°-70°   | 458.3  | 9.1       |
| 70°-80°   | 224.9  | 4.5       |
| 80°-90°   | 54.8   | 1.1       |
| 90°-100°  | 0.0    | 0.0       |
| 100°-110° | 0.0    | 0.0       |
| 110°-120° | 0.0    | 0.0       |
| 120°-130° | 0.0    | 0.0       |
| 130°-140° | 0.0    | 0.0       |
| 140°-150° | 0.0    | 0.0       |
| 150°-160° | 0.0    | 0.0       |
| 160°-170° | 0.0    | 0.0       |
| 170°-180° | 0.0    | 0.0       |
| 0°-30°    | 1690.0 | 33.5      |
| 0°-40°    | 2704.5 | 53.6      |
| 0°-60°    | 4304.1 | 85.4      |
| 0°-90°    | 5042.0 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 5042.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 90°  | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0°  | 1995 | 1995 | 1995 | 1995 | 1995 |      |
| 5°  | 1991 | 2305 | 1995 | 1762 | 1991 | 189  |
| 15° | 1906 | 3054 | 1906 | 1310 | 1906 | 538  |
| 25° | 1747 | 3293 | 1739 | 1032 | 1747 | 805  |
| 35° | 1524 | 2028 | 1504 | 863  | 1524 | 952  |
| 45° | 1228 | 1037 | 1197 | 726  | 1228 | 947  |
| 55° | 884  | 619  | 855  | 542  | 884  | 790  |
| 65° | 554  | 362  | 537  | 304  | 554  | 553  |
| 75° | 278  | 167  | 259  | 143  | 278  | 295  |
| 85° | 66   | 40   | 55   | 40   | 66   | 79   |
| 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°    | 1994.6 | 1994.6 | 1994.6 | 1994.6 | 1994.6 | 1994.6 | 1994.6 | 1994.6 | 1994.6 | 1994.6 | 1994.6 |
| 2.5°  | 1997.8 | 2015.4 | 2025.1 | 2033.1 | 2049.2 | 2055.6 | 2068.5 | 2071.7 | 2084.6 | 2083.0 | 2078.1 |
| 5°    | 1991.3 | 2021.9 | 2044.4 | 2068.5 | 2097.4 | 2113.5 | 2131.2 | 2156.9 | 2169.7 | 2187.4 | 2198.7 |
| 7.5°  | 1980.1 | 2021.9 | 2058.8 | 2095.8 | 2142.4 | 2168.1 | 2190.6 | 2230.8 | 2264.6 | 2293.5 | 2325.6 |
| 10°   | 1962.4 | 2015.4 | 2070.1 | 2119.9 | 2184.2 | 2214.7 | 2248.5 | 2308.0 | 2354.6 | 2394.8 | 2446.2 |
| 12.5° | 1935.1 | 2009.0 | 2070.1 | 2137.6 | 2219.6 | 2261.4 | 2306.4 | 2377.1 | 2431.7 | 2497.6 | 2561.9 |
| 15°   | 1906.2 | 1988.1 | 2068.5 | 2156.9 | 2250.1 | 2298.3 | 2343.3 | 2438.1 | 2521.7 | 2597.3 | 2668.0 |
| 17.5° | 1874.0 | 1964.0 | 2052.4 | 2150.5 | 2263.0 | 2322.4 | 2375.5 | 2489.6 | 2581.2 | 2679.2 | 2749.9 |
| 20°   | 1835.4 | 1933.5 | 2034.7 | 2144.0 | 2271.0 | 2336.9 | 2396.4 | 2526.5 | 2627.8 | 2733.9 | 2822.3 |
| 22.5° | 1793.7 | 1899.7 | 2010.6 | 2129.6 | 2261.4 | 2333.7 | 2402.8 | 2542.6 | 2659.9 | 2758.0 | 2876.9 |
| 25°   | 1747.0 | 1859.5 | 1973.7 | 2099.0 | 2246.9 | 2325.6 | 2396.4 | 2534.6 | 2659.9 | 2788.5 | 2904.2 |
| 27.5° | 1698.8 | 1814.5 | 1933.5 | 2065.3 | 2216.4 | 2293.5 | 2373.9 | 2507.3 | 2653.5 | 2793.3 | 2910.7 |
| 30°   | 1645.8 | 1758.3 | 1883.7 | 2009.0 | 2169.7 | 2246.9 | 2328.9 | 2473.5 | 2632.6 | 2772.4 | 2899.4 |
| 32.5° | 1587.9 | 1703.6 | 1822.6 | 1952.8 | 2110.3 | 2193.8 | 2269.4 | 2433.3 | 2595.7 | 2733.9 | 2852.8 |
| 35°   | 1523.6 | 1632.9 | 1745.4 | 1878.8 | 2034.7 | 2110.3 | 2200.3 | 2370.6 | 2534.6 | 2680.8 | 2758.0 |
| 37.5° | 1454.5 | 1559.0 | 1663.5 | 1795.3 | 1944.7 | 2036.3 | 2124.7 | 2296.7 | 2470.3 | 2568.3 | 2608.5 |
| 40°   | 1390.2 | 1481.9 | 1573.5 | 1700.4 | 1851.5 | 1946.3 | 2036.3 | 2214.7 | 2367.4 | 2443.0 | 2412.4 |
| 42.5° | 1308.3 | 1403.1 | 1485.1 | 1602.4 | 1755.1 | 1843.5 | 1935.1 | 2119.9 | 2243.7 | 2274.2 | 2198.7 |
| 45°   | 1227.9 | 1306.7 | 1385.4 | 1499.5 | 1660.3 | 1735.8 | 1833.8 | 2005.8 | 2108.7 | 2081.3 | 1970.4 |
| 47.5° | 1149.2 | 1213.4 | 1287.4 | 1398.3 | 1542.9 | 1632.9 | 1724.5 | 1874.0 | 1946.3 | 1907.8 | 1753.5 |
| 50°   | 1055.9 | 1120.2 | 1197.4 | 1293.8 | 1433.6 | 1520.4 | 1592.8 | 1731.0 | 1785.6 | 1690.8 | 1504.4 |
| 52.5° | 967.5  | 1023.8 | 1089.7 | 1179.7 | 1313.1 | 1391.8 | 1470.6 | 1589.5 | 1607.2 | 1497.9 | 1301.8 |
| 55°   | 884.0  | 929.0  | 998.1  | 1070.4 | 1192.6 | 1276.1 | 1330.8 | 1432.0 | 1427.2 | 1290.6 | 1121.8 |
| 57.5° | 797.2  | 839.0  | 885.6  | 961.1  | 1076.8 | 1139.5 | 1199.0 | 1287.4 | 1240.8 | 1125.1 | 957.9  |
| 60°   | 720.0  | 744.1  | 790.8  | 863.1  | 961.1  | 1015.8 | 1062.4 | 1110.6 | 1070.4 | 945.0  | 816.5  |
| 62.5° | 634.9  | 662.2  | 695.9  | 753.8  | 840.6  | 892.0  | 925.8  | 946.6  | 904.9  | 808.4  | 691.1  |
| 65°   | 554.5  | 578.6  | 614.0  | 665.4  | 731.3  | 769.9  | 787.5  | 802.0  | 779.5  | 670.2  | 577.0  |
| 67.5° | 482.2  | 498.2  | 530.4  | 564.1  | 634.9  | 644.5  | 668.6  | 675.0  | 630.0  | 546.5  | 472.5  |
| 70°   | 409.8  | 425.9  | 440.4  | 480.6  | 512.7  | 530.4  | 535.2  | 535.2  | 490.2  | 435.6  | 374.5  |
| 72.5° | 342.3  | 352.0  | 366.4  | 393.8  | 411.4  | 424.3  | 430.7  | 422.7  | 380.9  | 335.9  | 290.9  |
| 75°   | 278.0  | 282.9  | 295.7  | 313.4  | 327.9  | 323.1  | 321.4  | 311.8  | 281.3  | 249.1  | 223.4  |
| 77.5° | 213.8  | 217.0  | 231.4  | 236.3  | 236.3  | 241.1  | 234.7  | 225.0  | 199.3  | 175.2  | 163.9  |
| 80°   | 160.7  | 165.5  | 167.2  | 170.4  | 167.2  | 167.2  | 162.3  | 146.3  | 133.4  | 122.1  | 114.1  |
| 82.5° | 110.9  | 114.1  | 115.7  | 110.9  | 114.1  | 109.3  | 101.3  | 90.0   | 82.0   | 80.4   | 77.1   |
| 85°   | 65.9   | 67.5   | 65.9   | 65.9   | 61.1   | 59.5   | 53.0   | 51.4   | 48.2   | 48.2   | 46.6   |
| 87.5° | 32.1   | 30.5   | 27.3   | 24.1   | 24.1   | 22.5   | 24.1   | 20.9   | 24.1   | 22.5   | 20.9   |
| 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):**

|       | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1994.6 | 1994.6 | 1994.6 | 1994.6 | 1994.6 | 1994.6 | 1994.6 | 1994.6 | 1994.6 | 1994.6 | 1994.6 |
| 2.5°  | 2091.0 | 2108.7 | 2110.3 | 2126.3 | 2121.5 | 2113.5 | 2128.0 | 2118.3 | 2137.6 | 2131.2 | 2139.2 |
| 5°    | 2213.1 | 2237.2 | 2258.1 | 2271.0 | 2293.5 | 2288.7 | 2312.8 | 2304.7 | 2322.4 | 2304.7 | 2327.2 |
| 7.5°  | 2356.2 | 2396.4 | 2417.3 | 2451.0 | 2460.6 | 2462.3 | 2491.2 | 2497.6 | 2508.9 | 2497.6 | 2510.5 |
| 10°   | 2496.0 | 2544.2 | 2592.4 | 2619.8 | 2637.4 | 2661.5 | 2687.3 | 2698.5 | 2706.6 | 2695.3 | 2703.3 |
| 12.5° | 2623.0 | 2698.5 | 2751.6 | 2806.2 | 2819.1 | 2839.9 | 2867.3 | 2864.1 | 2896.2 | 2889.8 | 2904.2 |
| 15°   | 2740.3 | 2823.9 | 2888.2 | 2931.6 | 2966.9 | 2984.6 | 3036.0 | 3039.2 | 3037.6 | 3053.7 | 3044.1 |
| 17.5° | 2844.8 | 2915.5 | 3007.1 | 3063.4 | 3106.7 | 3106.7 | 3135.7 | 3195.1 | 3190.3 | 3188.7 | 3198.4 |
| 20°   | 2930.0 | 3010.3 | 3095.5 | 3190.3 | 3225.7 | 3232.1 | 3272.3 | 3302.8 | 3307.6 | 3307.6 | 3307.6 |
| 22.5° | 2994.2 | 3089.1 | 3180.7 | 3248.2 | 3275.5 | 3298.0 | 3333.4 | 3352.7 | 3359.1 | 3355.9 | 3359.1 |
| 25°   | 3026.4 | 3116.4 | 3209.6 | 3270.7 | 3286.8 | 3299.6 | 3302.8 | 3314.1 | 3312.5 | 3293.2 | 3304.4 |
| 27.5° | 3032.8 | 3119.6 | 3180.7 | 3196.8 | 3188.7 | 3180.7 | 3129.2 | 3134.1 | 3119.6 | 3090.7 | 3101.9 |
| 30°   | 3003.9 | 3050.5 | 3048.9 | 2999.1 | 2984.6 | 2950.8 | 2904.2 | 2835.1 | 2778.9 | 2754.8 | 2762.8 |
| 32.5° | 2899.4 | 2899.4 | 2841.6 | 2729.1 | 2679.2 | 2618.2 | 2534.6 | 2471.9 | 2398.0 | 2381.9 | 2412.4 |
| 35°   | 2754.8 | 2672.8 | 2566.7 | 2418.9 | 2343.3 | 2298.3 | 2153.7 | 2108.7 | 2046.0 | 2028.3 | 2042.8 |
| 37.5° | 2529.8 | 2393.1 | 2238.9 | 2100.6 | 2036.3 | 1956.0 | 1829.0 | 1764.7 | 1719.7 | 1689.2 | 1703.6 |
| 40°   | 2277.4 | 2111.9 | 1951.2 | 1780.8 | 1710.1 | 1644.2 | 1549.4 | 1491.5 | 1419.2 | 1422.4 | 1427.2 |
| 42.5° | 2036.3 | 1841.9 | 1661.9 | 1504.4 | 1436.9 | 1382.2 | 1316.3 | 1245.6 | 1219.9 | 1211.8 | 1203.8 |
| 45°   | 1780.8 | 1573.5 | 1404.7 | 1287.4 | 1226.3 | 1174.9 | 1113.8 | 1073.6 | 1043.1 | 1036.7 | 1044.7 |
| 47.5° | 1539.7 | 1364.5 | 1203.8 | 1094.5 | 1044.7 | 1019.0 | 970.8  | 933.8  | 914.5  | 898.4  | 908.1  |
| 50°   | 1321.1 | 1157.2 | 1028.6 | 937.0  | 901.6  | 884.0  | 839.0  | 819.7  | 800.4  | 795.6  | 794.0  |
| 52.5° | 1141.1 | 1001.3 | 890.4  | 816.5  | 789.1  | 779.5  | 745.7  | 718.4  | 702.4  | 707.2  | 710.4  |
| 55°   | 977.2  | 858.3  | 771.5  | 712.0  | 689.5  | 678.2  | 654.1  | 634.9  | 623.6  | 618.8  | 622.0  |
| 57.5° | 832.5  | 729.7  | 667.0  | 618.8  | 601.1  | 596.3  | 570.6  | 564.1  | 556.1  | 551.3  | 551.3  |
| 60°   | 700.7  | 628.4  | 570.6  | 543.2  | 524.0  | 519.1  | 499.8  | 491.8  | 490.2  | 485.4  | 482.2  |
| 62.5° | 589.8  | 530.4  | 490.2  | 461.3  | 453.2  | 451.6  | 438.8  | 429.1  | 424.3  | 421.1  | 421.1  |
| 65°   | 493.4  | 450.0  | 416.3  | 395.4  | 388.9  | 385.7  | 371.3  | 368.1  | 364.8  | 361.6  | 360.0  |
| 67.5° | 411.4  | 372.9  | 348.8  | 334.3  | 326.3  | 327.9  | 319.8  | 313.4  | 313.4  | 311.8  | 310.2  |
| 70°   | 332.7  | 308.6  | 287.7  | 279.7  | 276.4  | 273.2  | 270.0  | 265.2  | 263.6  | 263.6  | 263.6  |
| 72.5° | 262.0  | 245.9  | 234.7  | 229.8  | 226.6  | 223.4  | 220.2  | 220.2  | 220.2  | 218.6  | 218.6  |
| 75°   | 200.9  | 194.5  | 186.4  | 181.6  | 181.6  | 184.8  | 180.0  | 175.2  | 170.4  | 167.2  | 168.8  |
| 77.5° | 151.1  | 147.9  | 143.0  | 135.0  | 136.6  | 133.4  | 133.4  | 130.2  | 131.8  | 131.8  | 128.6  |
| 80°   | 110.9  | 106.1  | 104.5  | 99.6   | 101.3  | 99.6   | 98.0   | 98.0   | 94.8   | 94.8   | 94.8   |
| 82.5° | 77.1   | 72.3   | 72.3   | 70.7   | 69.1   | 69.1   | 67.5   | 67.5   | 69.1   | 65.9   | 65.9   |
| 85°   | 46.6   | 45.0   | 45.0   | 41.8   | 41.8   | 41.8   | 41.8   | 43.4   | 41.8   | 40.2   | 40.2   |
| 87.5° | 20.9   | 22.5   | 20.9   | 19.3   | 19.3   | 19.3   | 17.7   | 17.7   | 16.1   | 17.7   | 17.7   |
| 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°    | 1994.6 | 1994.6 | 1994.6 | 1994.6 | 1994.6 | 1994.6 | 1994.6 | 1994.6 | 1994.6 | 1994.6 | 1994.6 |
| 2.5°  | 2144.0 | 2132.8 | 2131.2 | 2131.2 | 2113.5 | 2123.1 | 2103.8 | 2083.0 | 2073.3 | 2073.3 | 2055.6 |
| 5°    | 2322.4 | 2311.2 | 2299.9 | 2282.2 | 2282.2 | 2272.6 | 2242.1 | 2211.5 | 2189.0 | 2169.7 | 2148.8 |
| 7.5°  | 2505.6 | 2494.4 | 2462.3 | 2444.6 | 2454.2 | 2434.9 | 2394.8 | 2343.3 | 2304.7 | 2274.2 | 2230.8 |
| 10°   | 2704.9 | 2674.4 | 2658.3 | 2648.7 | 2614.9 | 2594.0 | 2547.4 | 2471.9 | 2423.7 | 2383.5 | 2327.2 |
| 12.5° | 2867.3 | 2876.9 | 2815.8 | 2820.7 | 2786.9 | 2758.0 | 2685.7 | 2613.3 | 2541.0 | 2484.8 | 2401.2 |
| 15°   | 3042.5 | 3013.5 | 2976.6 | 2947.6 | 2936.4 | 2901.0 | 2839.9 | 2743.5 | 2664.8 | 2576.4 | 2481.5 |
| 17.5° | 3180.7 | 3158.2 | 3122.8 | 3095.5 | 3071.4 | 2986.2 | 2934.8 | 2849.6 | 2741.9 | 2655.1 | 2539.4 |
| 20°   | 3298.0 | 3277.1 | 3227.3 | 3209.6 | 3166.2 | 3105.1 | 3031.2 | 2899.4 | 2803.0 | 2708.2 | 2595.7 |
| 22.5° | 3347.8 | 3326.9 | 3283.5 | 3261.0 | 3233.7 | 3174.3 | 3103.5 | 2978.2 | 2859.2 | 2740.3 | 2621.4 |
| 25°   | 3306.0 | 3306.0 | 3285.1 | 3277.1 | 3253.0 | 3200.0 | 3127.6 | 3021.6 | 2894.6 | 2766.0 | 2624.6 |
| 27.5° | 3103.5 | 3143.7 | 3158.2 | 3166.2 | 3166.2 | 3167.8 | 3118.0 | 3015.1 | 2891.4 | 2766.0 | 2618.2 |
| 30°   | 2811.0 | 2878.5 | 2938.0 | 2955.7 | 2986.2 | 3020.0 | 3040.9 | 2991.0 | 2880.1 | 2748.3 | 2600.5 |
| 32.5° | 2443.0 | 2529.8 | 2640.7 | 2668.0 | 2709.8 | 2811.0 | 2867.3 | 2888.2 | 2827.1 | 2711.4 | 2553.9 |
| 35°   | 2076.5 | 2185.8 | 2253.3 | 2336.9 | 2375.5 | 2524.9 | 2650.3 | 2725.8 | 2711.4 | 2642.3 | 2499.2 |
| 37.5° | 1756.7 | 1819.4 | 1901.3 | 1989.7 | 2066.9 | 2209.9 | 2365.8 | 2512.1 | 2571.5 | 2537.8 | 2430.1 |
| 40°   | 1449.7 | 1523.6 | 1621.7 | 1694.0 | 1747.0 | 1890.1 | 2083.0 | 2242.1 | 2372.3 | 2393.1 | 2327.2 |
| 42.5° | 1232.7 | 1306.7 | 1366.1 | 1444.9 | 1486.7 | 1624.9 | 1795.3 | 1994.6 | 2148.8 | 2230.8 | 2201.9 |
| 45°   | 1065.6 | 1110.6 | 1158.8 | 1203.8 | 1255.2 | 1377.4 | 1534.9 | 1753.5 | 1927.1 | 2042.8 | 2054.0 |
| 47.5° | 919.3  | 959.5  | 1001.3 | 1043.1 | 1072.0 | 1166.8 | 1311.5 | 1489.9 | 1679.5 | 1838.7 | 1901.3 |
| 50°   | 816.5  | 835.8  | 866.3  | 890.4  | 924.1  | 1006.1 | 1121.8 | 1276.1 | 1477.0 | 1649.0 | 1731.0 |
| 52.5° | 715.2  | 739.3  | 763.4  | 784.3  | 806.8  | 864.7  | 970.8  | 1104.2 | 1277.7 | 1454.5 | 1555.8 |
| 55°   | 630.0  | 649.3  | 671.8  | 686.3  | 699.1  | 750.6  | 830.9  | 933.8  | 1083.3 | 1250.4 | 1375.8 |
| 57.5° | 560.9  | 569.0  | 588.2  | 596.3  | 610.7  | 652.5  | 710.4  | 802.0  | 922.5  | 1084.9 | 1187.7 |
| 60°   | 485.4  | 501.5  | 515.9  | 522.3  | 533.6  | 562.5  | 602.7  | 687.9  | 792.4  | 911.3  | 1028.6 |
| 62.5° | 424.3  | 430.7  | 442.0  | 450.0  | 458.1  | 488.6  | 522.3  | 586.6  | 665.4  | 765.0  | 872.7  |
| 65°   | 368.1  | 371.3  | 377.7  | 388.9  | 393.8  | 416.3  | 435.6  | 482.2  | 556.1  | 631.6  | 739.3  |
| 67.5° | 310.2  | 313.4  | 321.4  | 327.9  | 332.7  | 347.2  | 368.1  | 401.8  | 442.0  | 525.6  | 585.0  |
| 70°   | 265.2  | 265.2  | 270.0  | 273.2  | 278.0  | 284.5  | 295.7  | 321.4  | 358.4  | 411.4  | 466.1  |
| 72.5° | 221.8  | 221.8  | 221.8  | 226.6  | 226.6  | 231.4  | 237.9  | 255.5  | 281.3  | 323.1  | 358.4  |
| 75°   | 172.0  | 173.6  | 176.8  | 176.8  | 178.4  | 184.8  | 189.7  | 194.5  | 207.3  | 234.7  | 266.8  |
| 77.5° | 130.2  | 133.4  | 135.0  | 131.8  | 135.0  | 135.0  | 141.4  | 147.9  | 154.3  | 162.3  | 186.4  |
| 80°   | 96.4   | 98.0   | 94.8   | 96.4   | 96.4   | 99.6   | 102.9  | 101.3  | 104.5  | 114.1  | 120.5  |
| 82.5° | 64.3   | 65.9   | 65.9   | 65.9   | 65.9   | 70.7   | 70.7   | 69.1   | 70.7   | 72.3   | 73.9   |
| 85°   | 40.2   | 38.6   | 38.6   | 40.2   | 38.6   | 38.6   | 40.2   | 41.8   | 40.2   | 41.8   | 43.4   |
| 87.5° | 17.7   | 17.7   | 17.7   | 17.7   | 16.1   | 16.1   | 17.7   | 16.1   | 17.7   | 16.1   | 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):**

|       | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1994.6 | 1994.6 | 1994.6 | 1994.6 | 1994.6 | 1994.6 | 1994.6 | 1994.6 | 1994.6 | 1994.6 | 1994.6 |
| 2.5°  | 2046.0 | 2037.9 | 2033.1 | 2031.5 | 2017.1 | 2009.0 | 2004.2 | 2001.0 | 1996.2 | 1983.3 | 1972.1 |
| 5°    | 2123.1 | 2100.6 | 2089.4 | 2076.5 | 2054.0 | 2028.3 | 2007.4 | 1994.6 | 1978.5 | 1952.8 | 1928.7 |
| 7.5°  | 2195.5 | 2161.7 | 2139.2 | 2121.5 | 2083.0 | 2041.2 | 2007.4 | 1980.1 | 1949.6 | 1914.2 | 1880.4 |
| 10°   | 2271.0 | 2216.4 | 2187.4 | 2160.1 | 2103.8 | 2049.2 | 2001.0 | 1960.8 | 1917.4 | 1870.8 | 1833.8 |
| 12.5° | 2330.5 | 2258.1 | 2226.0 | 2187.4 | 2118.3 | 2054.0 | 1992.9 | 1938.3 | 1882.0 | 1832.2 | 1779.2 |
| 15°   | 2399.6 | 2309.6 | 2272.6 | 2222.8 | 2128.0 | 2044.4 | 1965.6 | 1906.2 | 1848.3 | 1774.4 | 1718.1 |
| 17.5° | 2439.8 | 2335.3 | 2282.2 | 2238.9 | 2136.0 | 2034.7 | 1943.1 | 1869.2 | 1801.7 | 1727.8 | 1668.3 |
| 20°   | 2479.9 | 2361.0 | 2301.5 | 2240.5 | 2118.3 | 2010.6 | 1914.2 | 1825.8 | 1755.1 | 1674.7 | 1613.6 |
| 22.5° | 2492.8 | 2354.6 | 2291.9 | 2235.6 | 2107.1 | 1986.5 | 1875.6 | 1785.6 | 1703.6 | 1623.3 | 1554.2 |
| 25°   | 2492.8 | 2353.0 | 2279.0 | 2206.7 | 2071.7 | 1947.9 | 1837.0 | 1739.0 | 1647.4 | 1567.0 | 1497.9 |
| 27.5° | 2467.1 | 2320.8 | 2243.7 | 2177.8 | 2037.9 | 1904.6 | 1790.4 | 1682.8 | 1594.4 | 1514.0 | 1435.2 |
| 30°   | 2434.9 | 2274.2 | 2197.1 | 2118.3 | 1983.3 | 1856.3 | 1732.6 | 1632.9 | 1539.7 | 1448.1 | 1377.4 |
| 32.5° | 2394.8 | 2224.4 | 2139.2 | 2058.8 | 1915.8 | 1784.0 | 1669.9 | 1571.9 | 1483.5 | 1388.6 | 1309.9 |
| 35°   | 2336.9 | 2150.5 | 2055.6 | 1984.9 | 1846.7 | 1710.1 | 1600.8 | 1504.4 | 1419.2 | 1321.1 | 1235.9 |
| 37.5° | 2263.0 | 2083.0 | 1986.5 | 1899.7 | 1756.7 | 1631.3 | 1528.5 | 1435.2 | 1351.7 | 1261.7 | 1166.8 |
| 40°   | 2176.2 | 1988.1 | 1904.6 | 1812.9 | 1661.9 | 1542.9 | 1446.5 | 1362.9 | 1279.3 | 1194.2 | 1102.5 |
| 42.5° | 2078.1 | 1891.7 | 1798.5 | 1710.1 | 1565.4 | 1448.1 | 1358.1 | 1282.6 | 1205.4 | 1126.7 | 1028.6 |
| 45°   | 1960.8 | 1785.6 | 1695.6 | 1612.0 | 1472.2 | 1351.7 | 1269.7 | 1197.4 | 1131.5 | 1051.1 | 964.3  |
| 47.5° | 1829.0 | 1676.3 | 1584.7 | 1494.7 | 1358.1 | 1253.6 | 1173.3 | 1112.2 | 1055.9 | 975.6  | 896.8  |
| 50°   | 1700.4 | 1549.4 | 1475.4 | 1383.8 | 1258.4 | 1160.4 | 1078.4 | 1027.0 | 983.6  | 904.9  | 834.1  |
| 52.5° | 1538.1 | 1424.0 | 1353.3 | 1274.5 | 1154.0 | 1054.3 | 990.0  | 945.0  | 893.6  | 832.5  | 769.9  |
| 55°   | 1395.1 | 1289.0 | 1232.7 | 1158.8 | 1039.9 | 951.5  | 896.8  | 855.0  | 814.9  | 760.2  | 710.4  |
| 57.5° | 1232.7 | 1166.8 | 1110.6 | 1046.3 | 929.0  | 853.4  | 805.2  | 769.9  | 732.9  | 687.9  | 647.7  |
| 60°   | 1062.4 | 1031.8 | 977.2  | 925.8  | 826.1  | 760.2  | 720.0  | 687.9  | 652.5  | 615.6  | 581.8  |
| 62.5° | 911.3  | 893.6  | 861.5  | 821.3  | 728.1  | 671.8  | 631.6  | 607.5  | 581.8  | 548.1  | 515.9  |
| 65°   | 768.2  | 760.2  | 729.7  | 700.7  | 636.5  | 586.6  | 551.3  | 536.8  | 507.9  | 482.2  | 453.2  |
| 67.5° | 641.3  | 631.6  | 614.0  | 601.1  | 546.5  | 499.8  | 482.2  | 462.9  | 438.8  | 419.5  | 395.4  |
| 70°   | 512.7  | 511.1  | 499.8  | 483.8  | 454.8  | 421.1  | 403.4  | 390.6  | 366.4  | 352.0  | 334.3  |
| 72.5° | 398.6  | 406.6  | 397.0  | 390.6  | 371.3  | 347.2  | 331.1  | 323.1  | 303.8  | 292.5  | 279.7  |
| 75°   | 297.3  | 303.8  | 308.6  | 297.3  | 292.5  | 281.3  | 266.8  | 258.8  | 249.1  | 233.0  | 228.2  |
| 77.5° | 202.5  | 217.0  | 217.0  | 220.2  | 221.8  | 215.4  | 204.1  | 197.7  | 186.4  | 183.2  | 176.8  |
| 80°   | 133.4  | 146.3  | 147.9  | 151.1  | 155.9  | 155.9  | 147.9  | 146.3  | 135.0  | 133.4  | 128.6  |
| 82.5° | 77.1   | 88.4   | 94.8   | 99.6   | 98.0   | 104.5  | 98.0   | 96.4   | 90.0   | 90.0   | 86.8   |
| 85°   | 41.8   | 43.4   | 46.6   | 49.8   | 53.0   | 56.3   | 56.3   | 54.6   | 53.0   | 51.4   | 48.2   |
| 87.5° | 16.1   | 16.1   | 17.7   | 16.1   | 17.7   | 20.9   | 22.5   | 22.5   | 20.9   | 19.3   | 16.1   |
| 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°    | 1994.6 | 1994.6 | 1994.6 | 1994.6 | 1994.6 | 1994.6 | 1994.6 | 1994.6 | 1994.6 | 1994.6 | 1994.6 |
| 2.5°  | 1962.4 | 1959.2 | 1956.0 | 1943.1 | 1931.9 | 1912.6 | 1896.5 | 1890.1 | 1888.5 | 1890.1 | 1885.3 |
| 5°    | 1906.2 | 1904.6 | 1893.3 | 1870.8 | 1849.9 | 1827.4 | 1811.3 | 1795.3 | 1785.6 | 1785.6 | 1774.4 |
| 7.5°  | 1853.1 | 1841.9 | 1832.2 | 1803.3 | 1779.2 | 1748.7 | 1724.5 | 1710.1 | 1702.0 | 1684.4 | 1684.4 |
| 10°   | 1796.9 | 1780.8 | 1767.9 | 1740.6 | 1705.3 | 1674.7 | 1644.2 | 1626.5 | 1612.0 | 1599.2 | 1594.4 |
| 12.5° | 1740.6 | 1727.8 | 1703.6 | 1674.7 | 1639.4 | 1600.8 | 1568.6 | 1555.8 | 1522.0 | 1494.7 | 1496.3 |
| 15°   | 1687.6 | 1658.6 | 1647.4 | 1605.6 | 1563.8 | 1526.9 | 1480.2 | 1443.3 | 1416.0 | 1398.3 | 1375.8 |
| 17.5° | 1628.1 | 1599.2 | 1578.3 | 1542.9 | 1488.3 | 1430.4 | 1385.4 | 1335.6 | 1308.3 | 1277.7 | 1263.3 |
| 20°   | 1562.2 | 1538.1 | 1522.0 | 1465.8 | 1399.9 | 1330.8 | 1281.0 | 1250.4 | 1219.9 | 1197.4 | 1184.5 |
| 22.5° | 1506.0 | 1475.4 | 1456.1 | 1380.6 | 1308.3 | 1239.2 | 1200.6 | 1174.9 | 1149.2 | 1129.9 | 1123.4 |
| 25°   | 1433.6 | 1416.0 | 1369.3 | 1303.5 | 1215.1 | 1168.4 | 1134.7 | 1100.9 | 1086.5 | 1073.6 | 1059.2 |
| 27.5° | 1374.2 | 1330.8 | 1298.6 | 1211.8 | 1157.2 | 1104.2 | 1070.4 | 1044.7 | 1027.0 | 1014.2 | 1002.9 |
| 30°   | 1300.2 | 1260.1 | 1215.1 | 1142.7 | 1092.9 | 1043.1 | 1012.5 | 991.7  | 972.4  | 964.3  | 954.7  |
| 32.5° | 1223.1 | 1186.1 | 1142.7 | 1084.9 | 1023.8 | 985.2  | 961.1  | 938.6  | 925.8  | 917.7  | 906.5  |
| 35°   | 1154.0 | 1107.4 | 1078.4 | 1023.8 | 974.0  | 930.6  | 908.1  | 888.8  | 874.3  | 871.1  | 869.5  |
| 37.5° | 1080.0 | 1044.7 | 1017.4 | 961.1  | 919.3  | 882.4  | 861.5  | 840.6  | 832.5  | 830.9  | 824.5  |
| 40°   | 1015.8 | 985.2  | 959.5  | 906.5  | 861.5  | 827.7  | 811.6  | 798.8  | 790.8  | 790.8  | 789.1  |
| 42.5° | 959.5  | 927.4  | 901.6  | 853.4  | 813.3  | 782.7  | 765.0  | 752.2  | 749.0  | 750.6  | 749.0  |
| 45°   | 896.8  | 869.5  | 843.8  | 794.0  | 760.2  | 737.7  | 718.4  | 712.0  | 707.2  | 708.8  | 710.4  |
| 47.5° | 837.4  | 814.9  | 789.1  | 749.0  | 710.4  | 686.3  | 675.0  | 668.6  | 668.6  | 668.6  | 671.8  |
| 50°   | 784.3  | 758.6  | 736.1  | 694.3  | 659.0  | 639.7  | 630.0  | 622.0  | 623.6  | 625.2  | 626.8  |
| 52.5° | 721.6  | 699.1  | 683.1  | 641.3  | 615.6  | 591.5  | 580.2  | 581.8  | 580.2  | 580.2  | 583.4  |
| 55°   | 667.0  | 644.5  | 628.4  | 589.8  | 564.1  | 548.1  | 538.4  | 533.6  | 535.2  | 532.0  | 538.4  |
| 57.5° | 605.9  | 586.6  | 575.4  | 538.4  | 515.9  | 501.5  | 493.4  | 485.4  | 488.6  | 487.0  | 485.4  |
| 60°   | 552.9  | 530.4  | 512.7  | 487.0  | 467.7  | 450.0  | 445.2  | 437.2  | 440.4  | 437.2  | 435.6  |
| 62.5° | 491.8  | 474.1  | 461.3  | 435.6  | 419.5  | 405.0  | 393.8  | 388.9  | 387.3  | 382.5  | 377.7  |
| 65°   | 430.7  | 421.1  | 408.2  | 382.5  | 366.4  | 355.2  | 348.8  | 343.9  | 342.3  | 329.5  | 315.0  |
| 67.5° | 374.5  | 368.1  | 355.2  | 335.9  | 321.4  | 310.2  | 300.5  | 292.5  | 282.9  | 273.2  | 265.2  |
| 70°   | 321.4  | 311.8  | 303.8  | 286.1  | 273.2  | 262.0  | 252.3  | 242.7  | 237.9  | 228.2  | 225.0  |
| 72.5° | 270.0  | 260.4  | 252.3  | 236.3  | 225.0  | 213.8  | 210.5  | 199.3  | 194.5  | 192.9  | 192.9  |
| 75°   | 217.0  | 208.9  | 204.1  | 189.7  | 180.0  | 172.0  | 167.2  | 163.9  | 160.7  | 157.5  | 152.7  |
| 77.5° | 165.5  | 160.7  | 157.5  | 147.9  | 139.8  | 135.0  | 133.4  | 122.1  | 118.9  | 115.7  | 112.5  |
| 80°   | 120.5  | 118.9  | 115.7  | 107.7  | 104.5  | 93.2   | 93.2   | 90.0   | 88.4   | 88.4   | 88.4   |
| 82.5° | 82.0   | 78.8   | 77.1   | 69.1   | 67.5   | 65.9   | 64.3   | 62.7   | 64.3   | 62.7   | 64.3   |
| 85°   | 43.4   | 41.8   | 40.2   | 40.2   | 40.2   | 40.2   | 40.2   | 40.2   | 40.2   | 38.6   | 40.2   |
| 87.5° | 16.1   | 16.1   | 16.1   | 16.1   | 14.5   | 16.1   | 16.1   | 14.5   | 16.1   | 16.1   | 16.1   |
| 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°    | 1994.6 | 1994.6 | 1994.6 | 1994.6 | 1994.6 | 1994.6 | 1994.6 | 1994.6 | 1994.6 | 1994.6 | 1994.6 |
| 2.5°  | 1885.3 | 1891.7 | 1883.7 | 1888.5 | 1877.2 | 1875.6 | 1877.2 | 1877.2 | 1878.8 | 1880.4 | 1882.0 |
| 5°    | 1779.2 | 1777.6 | 1767.9 | 1761.5 | 1756.7 | 1761.5 | 1764.7 | 1767.9 | 1764.7 | 1767.9 | 1769.5 |
| 7.5°  | 1679.5 | 1674.7 | 1669.9 | 1658.6 | 1661.9 | 1658.6 | 1668.3 | 1663.5 | 1663.5 | 1671.5 | 1677.9 |
| 10°   | 1591.1 | 1581.5 | 1578.3 | 1565.4 | 1555.8 | 1554.2 | 1565.4 | 1570.2 | 1575.1 | 1578.3 | 1591.1 |
| 12.5° | 1477.0 | 1462.6 | 1451.3 | 1456.1 | 1428.8 | 1440.1 | 1443.3 | 1436.9 | 1456.1 | 1478.6 | 1465.8 |
| 15°   | 1354.9 | 1356.5 | 1334.0 | 1326.0 | 1303.5 | 1309.9 | 1311.5 | 1327.6 | 1343.6 | 1342.0 | 1361.3 |
| 17.5° | 1264.9 | 1255.2 | 1235.9 | 1234.3 | 1224.7 | 1229.5 | 1227.9 | 1240.8 | 1235.9 | 1244.0 | 1260.1 |
| 20°   | 1181.3 | 1174.9 | 1158.8 | 1152.4 | 1155.6 | 1152.4 | 1154.0 | 1155.6 | 1160.4 | 1178.1 | 1174.9 |
| 22.5° | 1115.4 | 1107.4 | 1107.4 | 1099.3 | 1089.7 | 1086.5 | 1094.5 | 1099.3 | 1105.8 | 1109.0 | 1117.0 |
| 25°   | 1057.5 | 1051.1 | 1043.1 | 1038.3 | 1030.2 | 1031.8 | 1036.7 | 1043.1 | 1047.9 | 1054.3 | 1060.8 |
| 27.5° | 998.1  | 998.1  | 990.0  | 988.4  | 985.2  | 983.6  | 990.0  | 993.3  | 993.3  | 998.1  | 1004.5 |
| 30°   | 951.5  | 951.5  | 943.4  | 941.8  | 940.2  | 940.2  | 945.0  | 946.6  | 948.3  | 953.1  | 956.3  |
| 32.5° | 906.5  | 904.9  | 901.6  | 903.3  | 901.6  | 903.3  | 903.3  | 904.9  | 908.1  | 909.7  | 916.1  |
| 35°   | 864.7  | 866.3  | 863.1  | 863.1  | 861.5  | 863.1  | 866.3  | 867.9  | 869.5  | 872.7  | 872.7  |
| 37.5° | 824.5  | 827.7  | 826.1  | 830.9  | 830.9  | 830.9  | 830.9  | 834.1  | 834.1  | 834.1  | 832.5  |
| 40°   | 789.1  | 789.1  | 787.5  | 790.8  | 794.0  | 794.0  | 795.6  | 795.6  | 797.2  | 797.2  | 795.6  |
| 42.5° | 749.0  | 752.2  | 757.0  | 758.6  | 761.8  | 760.2  | 765.0  | 763.4  | 765.0  | 761.8  | 758.6  |
| 45°   | 712.0  | 712.0  | 718.4  | 724.9  | 726.5  | 726.5  | 726.5  | 729.7  | 726.5  | 721.6  | 720.0  |
| 47.5° | 671.8  | 675.0  | 678.2  | 686.3  | 687.9  | 687.9  | 687.9  | 687.9  | 684.7  | 684.7  | 684.7  |
| 50°   | 631.6  | 633.2  | 634.9  | 638.1  | 642.9  | 641.3  | 641.3  | 641.3  | 647.7  | 641.3  | 642.9  |
| 52.5° | 583.4  | 585.0  | 586.6  | 593.1  | 591.5  | 591.5  | 593.1  | 593.1  | 597.9  | 596.3  | 593.1  |
| 55°   | 535.2  | 535.2  | 538.4  | 538.4  | 538.4  | 541.6  | 543.2  | 546.5  | 544.8  | 546.5  | 548.1  |
| 57.5° | 487.0  | 483.8  | 482.2  | 482.2  | 487.0  | 485.4  | 487.0  | 487.0  | 493.4  | 496.6  | 498.2  |
| 60°   | 430.7  | 430.7  | 429.1  | 419.5  | 419.5  | 417.9  | 422.7  | 425.9  | 429.1  | 443.6  | 442.0  |
| 62.5° | 372.9  | 366.4  | 360.0  | 361.6  | 352.0  | 356.8  | 353.6  | 356.8  | 366.4  | 377.7  | 379.3  |
| 65°   | 315.0  | 310.2  | 303.8  | 302.2  | 298.9  | 303.8  | 302.2  | 303.8  | 308.6  | 315.0  | 323.1  |
| 67.5° | 263.6  | 262.0  | 258.8  | 257.2  | 257.2  | 257.2  | 260.4  | 260.4  | 262.0  | 266.8  | 271.6  |
| 70°   | 225.0  | 223.4  | 225.0  | 221.8  | 223.4  | 221.8  | 223.4  | 225.0  | 226.6  | 228.2  | 233.0  |
| 72.5° | 189.7  | 189.7  | 189.7  | 186.4  | 189.7  | 188.0  | 188.0  | 189.7  | 191.3  | 192.9  | 196.1  |
| 75°   | 151.1  | 147.9  | 144.6  | 141.4  | 139.8  | 143.0  | 144.6  | 143.0  | 147.9  | 154.3  | 154.3  |
| 77.5° | 114.1  | 112.5  | 112.5  | 112.5  | 114.1  | 112.5  | 115.7  | 114.1  | 115.7  | 115.7  | 118.9  |
| 80°   | 88.4   | 86.8   | 88.4   | 88.4   | 86.8   | 90.0   | 88.4   | 88.4   | 90.0   | 91.6   | 90.0   |
| 82.5° | 64.3   | 65.9   | 64.3   | 64.3   | 64.3   | 67.5   | 64.3   | 64.3   | 64.3   | 65.9   | 65.9   |
| 85°   | 40.2   | 40.2   | 40.2   | 40.2   | 41.8   | 40.2   | 41.8   | 40.2   | 43.4   | 41.8   | 41.8   |
| 87.5° | 14.5   | 16.1   | 17.7   | 17.7   | 17.7   | 17.7   | 16.1   | 17.7   | 19.3   | 17.7   | 19.3   |
| 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):**

|       | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 337.5° | 340°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1994.6 | 1994.6 | 1994.6 | 1994.6 | 1994.6 | 1994.6 | 1994.6 | 1994.6 | 1994.6 | 1994.6 | 1994.6 |
| 2.5°  | 1888.5 | 1896.5 | 1893.3 | 1882.0 | 1886.9 | 1896.5 | 1906.2 | 1919.0 | 1927.1 | 1933.5 | 1936.7 |
| 5°    | 1777.6 | 1792.0 | 1788.8 | 1788.8 | 1795.3 | 1811.3 | 1827.4 | 1854.7 | 1864.4 | 1875.6 | 1891.7 |
| 7.5°  | 1679.5 | 1690.8 | 1700.4 | 1703.6 | 1713.3 | 1734.2 | 1755.1 | 1785.6 | 1809.7 | 1822.6 | 1832.2 |
| 10°   | 1592.8 | 1600.8 | 1615.3 | 1623.3 | 1632.9 | 1658.6 | 1689.2 | 1721.3 | 1745.4 | 1767.9 | 1780.8 |
| 12.5° | 1481.9 | 1514.0 | 1533.3 | 1546.1 | 1559.0 | 1597.6 | 1621.7 | 1657.0 | 1686.0 | 1706.9 | 1726.1 |
| 15°   | 1358.1 | 1396.7 | 1407.9 | 1457.7 | 1489.9 | 1520.4 | 1557.4 | 1599.2 | 1626.5 | 1650.6 | 1676.3 |
| 17.5° | 1253.6 | 1281.0 | 1293.8 | 1346.8 | 1374.2 | 1422.4 | 1475.4 | 1528.5 | 1570.2 | 1587.9 | 1613.6 |
| 20°   | 1187.7 | 1202.2 | 1227.9 | 1245.6 | 1274.5 | 1330.8 | 1388.6 | 1452.9 | 1515.6 | 1533.3 | 1559.0 |
| 22.5° | 1120.2 | 1139.5 | 1157.2 | 1181.3 | 1203.8 | 1242.4 | 1300.2 | 1371.0 | 1438.5 | 1470.6 | 1501.1 |
| 25°   | 1059.2 | 1078.4 | 1089.7 | 1115.4 | 1136.3 | 1174.9 | 1215.1 | 1287.4 | 1367.7 | 1395.1 | 1443.3 |
| 27.5° | 1010.9 | 1022.2 | 1041.5 | 1052.7 | 1076.8 | 1112.2 | 1149.2 | 1203.8 | 1282.6 | 1329.2 | 1375.8 |
| 30°   | 962.7  | 970.8  | 986.8  | 1002.9 | 1020.6 | 1044.7 | 1086.5 | 1139.5 | 1211.8 | 1252.0 | 1298.6 |
| 32.5° | 914.5  | 927.4  | 937.0  | 948.3  | 967.5  | 996.5  | 1025.4 | 1076.8 | 1134.7 | 1179.7 | 1226.3 |
| 35°   | 874.3  | 879.1  | 892.0  | 904.9  | 917.7  | 943.4  | 974.0  | 1023.8 | 1075.2 | 1110.6 | 1152.4 |
| 37.5° | 830.9  | 839.0  | 848.6  | 853.4  | 874.3  | 890.4  | 922.5  | 961.1  | 1022.2 | 1044.7 | 1086.5 |
| 40°   | 797.2  | 795.6  | 805.2  | 813.3  | 822.9  | 848.6  | 867.9  | 909.7  | 957.9  | 993.3  | 1019.0 |
| 42.5° | 755.4  | 755.4  | 758.6  | 768.2  | 781.1  | 797.2  | 819.7  | 855.0  | 904.9  | 930.6  | 961.1  |
| 45°   | 721.6  | 716.8  | 718.4  | 724.9  | 732.9  | 749.0  | 771.5  | 802.0  | 851.8  | 872.7  | 904.9  |
| 47.5° | 681.5  | 676.6  | 676.6  | 683.1  | 689.5  | 700.7  | 718.4  | 753.8  | 794.0  | 821.3  | 845.4  |
| 50°   | 636.5  | 638.1  | 636.5  | 641.3  | 644.5  | 655.7  | 675.0  | 704.0  | 740.9  | 763.4  | 790.8  |
| 52.5° | 594.7  | 591.5  | 589.8  | 593.1  | 599.5  | 607.5  | 628.4  | 654.1  | 689.5  | 712.0  | 736.1  |
| 55°   | 543.2  | 546.5  | 546.5  | 546.5  | 556.1  | 559.3  | 575.4  | 601.1  | 636.5  | 654.1  | 676.6  |
| 57.5° | 496.6  | 495.0  | 498.2  | 496.6  | 504.7  | 515.9  | 528.8  | 548.1  | 583.4  | 601.1  | 622.0  |
| 60°   | 445.2  | 446.8  | 448.4  | 448.4  | 454.8  | 466.1  | 480.6  | 498.2  | 527.2  | 544.8  | 564.1  |
| 62.5° | 382.5  | 390.6  | 398.6  | 401.8  | 411.4  | 419.5  | 429.1  | 448.4  | 474.1  | 487.0  | 504.7  |
| 65°   | 323.1  | 334.3  | 345.6  | 353.6  | 360.0  | 368.1  | 380.9  | 398.6  | 419.5  | 432.3  | 450.0  |
| 67.5° | 271.6  | 279.7  | 294.1  | 302.2  | 315.0  | 324.7  | 332.7  | 347.2  | 372.9  | 377.7  | 392.2  |
| 70°   | 234.7  | 237.9  | 244.3  | 250.7  | 265.2  | 273.2  | 282.9  | 297.3  | 316.6  | 327.9  | 335.9  |
| 72.5° | 197.7  | 199.3  | 202.5  | 208.9  | 215.4  | 225.0  | 236.3  | 249.1  | 266.8  | 271.6  | 282.9  |
| 75°   | 157.5  | 167.2  | 167.2  | 172.0  | 176.8  | 181.6  | 191.3  | 204.1  | 215.4  | 223.4  | 229.8  |
| 77.5° | 117.3  | 122.1  | 125.4  | 133.4  | 139.8  | 144.6  | 151.1  | 160.7  | 167.2  | 173.6  | 178.4  |
| 80°   | 91.6   | 93.2   | 94.8   | 94.8   | 98.0   | 104.5  | 110.9  | 117.3  | 125.4  | 128.6  | 133.4  |
| 82.5° | 67.5   | 67.5   | 67.5   | 70.7   | 72.3   | 73.9   | 73.9   | 77.1   | 85.2   | 88.4   | 93.2   |
| 85°   | 43.4   | 43.4   | 43.4   | 43.4   | 45.0   | 46.6   | 48.2   | 49.8   | 49.8   | 49.8   | 53.0   |
| 87.5° | 17.7   | 20.9   | 19.3   | 20.9   | 20.9   | 20.9   | 20.9   | 22.5   | 22.5   | 24.1   | 24.1   |
| 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°    | 1994.6 | 1994.6 | 1994.6 | 1994.6 |
| 2.5°  | 1949.6 | 1959.2 | 1975.3 | 1997.8 |
| 5°    | 1904.6 | 1931.9 | 1957.6 | 1991.3 |
| 7.5°  | 1864.4 | 1896.5 | 1931.9 | 1980.1 |
| 10°   | 1817.8 | 1857.9 | 1902.9 | 1962.4 |
| 12.5° | 1763.1 | 1819.4 | 1870.8 | 1935.1 |
| 15°   | 1722.9 | 1764.7 | 1830.6 | 1906.2 |
| 17.5° | 1666.7 | 1722.9 | 1788.8 | 1874.0 |
| 20°   | 1613.6 | 1673.1 | 1747.0 | 1835.4 |
| 22.5° | 1557.4 | 1624.9 | 1698.8 | 1793.7 |
| 25°   | 1499.5 | 1571.9 | 1645.8 | 1747.0 |
| 27.5° | 1446.5 | 1512.4 | 1596.0 | 1698.8 |
| 30°   | 1382.2 | 1457.7 | 1538.1 | 1645.8 |
| 32.5° | 1319.5 | 1398.3 | 1480.2 | 1587.9 |
| 35°   | 1252.0 | 1330.8 | 1420.8 | 1523.6 |
| 37.5° | 1186.1 | 1272.9 | 1354.9 | 1454.5 |
| 40°   | 1113.8 | 1203.8 | 1289.0 | 1390.2 |
| 42.5° | 1043.1 | 1136.3 | 1221.5 | 1308.3 |
| 45°   | 977.2  | 1068.8 | 1145.9 | 1227.9 |
| 47.5° | 914.5  | 996.5  | 1075.2 | 1149.2 |
| 50°   | 853.4  | 922.5  | 994.9  | 1055.9 |
| 52.5° | 789.1  | 855.0  | 912.9  | 967.5  |
| 55°   | 731.3  | 782.7  | 834.1  | 884.0  |
| 57.5° | 662.2  | 713.6  | 758.6  | 797.2  |
| 60°   | 604.3  | 636.5  | 679.9  | 720.0  |
| 62.5° | 538.4  | 575.4  | 609.1  | 634.9  |
| 65°   | 474.1  | 506.3  | 532.0  | 554.5  |
| 67.5° | 419.5  | 438.8  | 458.1  | 482.2  |
| 70°   | 353.6  | 369.7  | 392.2  | 409.8  |
| 72.5° | 297.3  | 310.2  | 321.4  | 342.3  |
| 75°   | 241.1  | 252.3  | 258.8  | 278.0  |
| 77.5° | 186.4  | 197.7  | 202.5  | 213.8  |
| 80°   | 143.0  | 144.6  | 151.1  | 160.7  |
| 82.5° | 98.0   | 101.3  | 102.9  | 110.9  |
| 85°   | 56.3   | 64.3   | 62.7   | 65.9   |
| 87.5° | 24.1   | 25.7   | 28.9   | 32.1   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    |

(END OF REPORT)