

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: P1037805

Luminaire Tested: S124R3DS-B575DB40-4F0-XX-W2A-A

Issue Date: 5/2/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P1037805  
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: S124R3DS-B575DB40-4F0-XX-W2A-A  
Description: Define 4 3in Regressed Direct Surface with 4000K BioUP LEDs {m-DER=0.865} {m-EER=0.951}  
Light Source: -  
Ballast/Driver: -

**Summary**

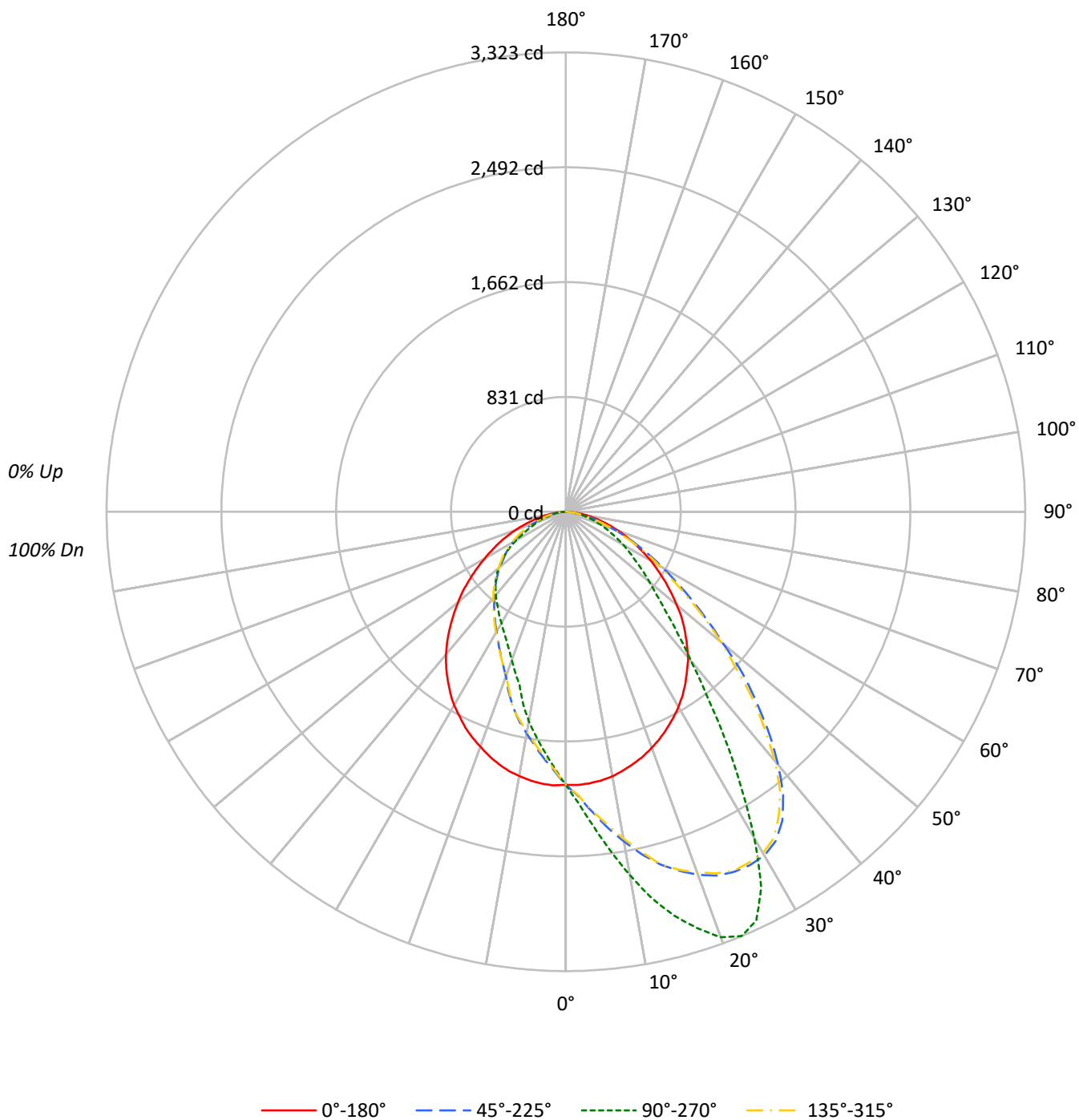
Lumens per Lamp: N/A  
Luminaire Lumens: 4992.0 lumens  
Efficiency: N/A  
Efficacy: 81.4 lumens/watt  
Spacing Criteria (0/90/45): 1.22 / 1.27 / 1.38  
Luminous Opening: Rectangular (W 0.33' x L: 4' x H: 0')  
CIE Type: Direct

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

TEST NUMBER: P1037805

CATALOG NUMBER: S124R3DS-B575DB40-4F0-XX-W2A-A

### Luminous Intensity Polar Plot



TEST NUMBER: P1037805

CATALOG NUMBER: S124R3DS-B575DB40-4F0-XX-W2A-A

**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

|     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|
| RF  | 20  |     |     |     | 20  |     |     |     |     | 20  |     |     |     |     | 20  |     |     |     |    | 20 |
| RC  | 80  |     |     |     | 70  |     |     |     |     | 50  |     |     |     |     | 30  |     |     |     |    | 0  |
| RW  | 70  | 50  | 30  | 10  | 70  | 50  | 30  | 10  | 50  | 30  | 10  | 50  | 30  | 10  | 50  | 30  | 10  | 50  | 30 | 10 |
| RCR |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |
| 0   | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 |    |    |
| 1   | 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°  | 16103 | 16103 | 16103 | 16103 |
| 5°  | 16139 | 18679 | 16165 | 14276 |
| 10° | 16088 | 22097 | 16075 | 12742 |
| 15° | 15933 | 25524 | 15933 | 10949 |
| 20° | 15769 | 28418 | 15687 | 9901  |
| 25° | 15563 | 29336 | 15492 | 9192  |
| 30° | 15343 | 25681 | 15223 | 8765  |
| 35° | 15017 | 19991 | 14827 | 8506  |
| 40° | 14653 | 14991 | 14364 | 8368  |
| 45° | 14020 | 11837 | 13671 | 8295  |
| 50° | 13263 | 9993  | 12899 | 8054  |
| 55° | 12443 | 8709  | 12036 | 7625  |
| 60° | 11627 | 7838  | 11108 | 6747  |
| 65° | 10593 | 6908  | 10255 | 5804  |
| 70° | 9675  | 6223  | 9220  | 5236  |
| 75° | 8674  | 5214  | 8072  | 4461  |
| 80° | 7471  | 4410  | 6800  | 4184  |
| 85° | 6100  | 3724  | 5062  | 3724  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 35°

Vertical Angle: 45°

Luminance: 24077 cd/sqm

TEST NUMBER: P1037805

CATALOG NUMBER: S124R3DS-B575DB40-4F0-XX-W2A-A

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 191.2  | 3.8       |
| 10°-20°   | 577.5  | 11.6      |
| 20°-30°   | 904.5  | 18.1      |
| 30°-40°   | 1004.5 | 20.1      |
| 40°-50°   | 890.1  | 17.8      |
| 50°-60°   | 693.7  | 13.9      |
| 60°-70°   | 453.7  | 9.1       |
| 70°-80°   | 222.6  | 4.5       |
| 80°-90°   | 54.2   | 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°    | 1673.2 | 33.5      |
| 0°-40°    | 2677.7 | 53.6      |
| 0°-60°    | 4261.4 | 85.4      |
| 0°-90°    | 4992.0 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 4992.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 90°  | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0°  | 1975 | 1975 | 1975 | 1975 | 1975 |      |
| 5°  | 1972 | 2282 | 1975 | 1744 | 1972 | 187  |
| 15° | 1887 | 3023 | 1887 | 1297 | 1887 | 532  |
| 25° | 1730 | 3260 | 1722 | 1022 | 1730 | 797  |
| 35° | 1508 | 2008 | 1489 | 854  | 1508 | 943  |
| 45° | 1216 | 1026 | 1186 | 719  | 1216 | 937  |
| 55° | 875  | 613  | 847  | 536  | 875  | 783  |
| 65° | 549  | 358  | 532  | 301  | 549  | 548  |
| 75° | 275  | 166  | 256  | 142  | 275  | 292  |
| 85° | 65   | 40   | 54   | 40   | 65   | 78   |
| 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°    | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 |
| 2.5°  | 1978.0 | 1995.5 | 2005.0 | 2013.0 | 2028.9 | 2035.2 | 2048.0 | 2051.2 | 2063.9 | 2062.3 | 2057.5 |
| 5°    | 1971.6 | 2001.8 | 2024.1 | 2048.0 | 2076.6 | 2092.5 | 2110.0 | 2135.5 | 2148.2 | 2165.7 | 2176.9 |
| 7.5°  | 1960.5 | 2001.8 | 2038.4 | 2075.0 | 2121.2 | 2146.6 | 2168.9 | 2208.7 | 2242.1 | 2270.8 | 2302.6 |
| 10°   | 1942.9 | 1995.5 | 2049.6 | 2098.9 | 2162.5 | 2192.8 | 2226.2 | 2285.1 | 2331.2 | 2371.0 | 2421.9 |
| 12.5° | 1915.9 | 1989.1 | 2049.6 | 2116.4 | 2197.6 | 2238.9 | 2283.5 | 2353.5 | 2407.6 | 2472.8 | 2536.5 |
| 15°   | 1887.3 | 1968.4 | 2048.0 | 2135.5 | 2227.8 | 2275.5 | 2320.1 | 2414.0 | 2496.7 | 2571.5 | 2641.5 |
| 17.5° | 1855.4 | 1944.5 | 2032.1 | 2129.1 | 2240.5 | 2299.4 | 2351.9 | 2464.9 | 2555.6 | 2652.7 | 2722.7 |
| 20°   | 1817.2 | 1914.3 | 2014.6 | 2122.8 | 2248.5 | 2313.7 | 2372.6 | 2501.5 | 2601.7 | 2706.8 | 2794.3 |
| 22.5° | 1775.9 | 1880.9 | 1990.7 | 2108.4 | 2238.9 | 2310.5 | 2379.0 | 2517.4 | 2633.6 | 2730.6 | 2848.4 |
| 25°   | 1729.7 | 1841.1 | 1954.1 | 2078.2 | 2224.6 | 2302.6 | 2372.6 | 2509.4 | 2633.6 | 2760.9 | 2875.4 |
| 27.5° | 1682.0 | 1796.6 | 1914.3 | 2044.8 | 2194.4 | 2270.8 | 2350.3 | 2482.4 | 2627.2 | 2765.6 | 2881.8 |
| 30°   | 1629.5 | 1740.9 | 1865.0 | 1989.1 | 2148.2 | 2224.6 | 2305.8 | 2449.0 | 2606.5 | 2745.0 | 2870.7 |
| 32.5° | 1572.2 | 1686.8 | 1804.5 | 1933.4 | 2089.3 | 2172.1 | 2246.9 | 2409.2 | 2569.9 | 2706.8 | 2824.5 |
| 35°   | 1508.5 | 1616.7 | 1728.1 | 1860.2 | 2014.6 | 2089.3 | 2178.5 | 2347.1 | 2509.4 | 2654.3 | 2730.6 |
| 37.5° | 1440.1 | 1543.5 | 1647.0 | 1777.5 | 1925.4 | 2016.1 | 2103.7 | 2273.9 | 2445.8 | 2542.9 | 2582.6 |
| 40°   | 1376.5 | 1467.2 | 1557.9 | 1683.6 | 1833.2 | 1927.0 | 2016.1 | 2192.8 | 2344.0 | 2418.7 | 2388.5 |
| 42.5° | 1295.3 | 1389.2 | 1470.3 | 1586.5 | 1737.7 | 1825.2 | 1915.9 | 2098.9 | 2221.4 | 2251.7 | 2176.9 |
| 45°   | 1215.7 | 1293.7 | 1371.7 | 1484.7 | 1643.8 | 1718.6 | 1815.6 | 1985.9 | 2087.8 | 2060.7 | 1950.9 |
| 47.5° | 1137.8 | 1201.4 | 1274.6 | 1384.4 | 1527.6 | 1616.7 | 1707.4 | 1855.4 | 1927.0 | 1888.8 | 1736.1 |
| 50°   | 1045.5 | 1109.1 | 1185.5 | 1281.0 | 1419.4 | 1505.3 | 1577.0 | 1713.8 | 1767.9 | 1674.0 | 1489.4 |
| 52.5° | 957.9  | 1013.6 | 1078.9 | 1168.0 | 1300.1 | 1378.0 | 1456.0 | 1573.8 | 1591.3 | 1483.1 | 1288.9 |
| 55°   | 875.2  | 919.8  | 988.2  | 1059.8 | 1180.7 | 1263.5 | 1317.6 | 1417.8 | 1413.1 | 1277.8 | 1110.7 |
| 57.5° | 789.3  | 830.6  | 876.8  | 951.6  | 1066.2 | 1128.2 | 1187.1 | 1274.6 | 1228.5 | 1113.9 | 948.4  |
| 60°   | 712.9  | 736.8  | 782.9  | 854.5  | 951.6  | 1005.7 | 1051.8 | 1099.6 | 1059.8 | 935.7  | 808.4  |
| 62.5° | 628.6  | 655.6  | 689.0  | 746.3  | 832.2  | 883.2  | 916.6  | 937.3  | 895.9  | 800.4  | 684.2  |
| 65°   | 549.0  | 572.9  | 607.9  | 658.8  | 724.0  | 762.2  | 779.7  | 794.0  | 771.8  | 663.6  | 571.3  |
| 67.5° | 477.4  | 493.3  | 525.1  | 558.5  | 628.6  | 638.1  | 662.0  | 668.3  | 623.8  | 541.0  | 467.8  |
| 70°   | 405.8  | 421.7  | 436.0  | 475.8  | 507.6  | 525.1  | 529.9  | 529.9  | 485.3  | 431.2  | 370.8  |
| 72.5° | 338.9  | 348.5  | 362.8  | 389.9  | 407.4  | 420.1  | 426.5  | 418.5  | 377.1  | 332.6  | 288.0  |
| 75°   | 275.3  | 280.1  | 292.8  | 310.3  | 324.6  | 319.8  | 318.3  | 308.7  | 278.5  | 246.6  | 221.2  |
| 77.5° | 211.6  | 214.8  | 229.1  | 233.9  | 233.9  | 238.7  | 232.3  | 222.8  | 197.3  | 173.4  | 162.3  |
| 80°   | 159.1  | 163.9  | 165.5  | 168.7  | 165.5  | 165.5  | 160.7  | 144.8  | 132.1  | 120.9  | 113.0  |
| 82.5° | 109.8  | 113.0  | 114.6  | 109.8  | 113.0  | 108.2  | 100.3  | 89.1   | 81.2   | 79.6   | 76.4   |
| 85°   | 65.2   | 66.8   | 65.2   | 65.2   | 60.5   | 58.9   | 52.5   | 50.9   | 47.7   | 47.7   | 46.1   |
| 87.5° | 31.8   | 30.2   | 27.1   | 23.9   | 23.9   | 22.3   | 23.9   | 20.7   | 23.9   | 22.3   | 20.7   |
| 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):**

|       | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 |
| 2.5°  | 2070.3 | 2087.8 | 2089.3 | 2105.3 | 2100.5 | 2092.5 | 2106.9 | 2097.3 | 2116.4 | 2110.0 | 2118.0 |
| 5°    | 2191.2 | 2215.1 | 2235.7 | 2248.5 | 2270.8 | 2266.0 | 2289.8 | 2281.9 | 2299.4 | 2281.9 | 2304.2 |
| 7.5°  | 2332.8 | 2372.6 | 2393.3 | 2426.7 | 2436.2 | 2437.8 | 2466.5 | 2472.8 | 2484.0 | 2472.8 | 2485.6 |
| 10°   | 2471.3 | 2519.0 | 2566.7 | 2593.8 | 2611.3 | 2635.2 | 2660.6 | 2671.8 | 2679.7 | 2668.6 | 2676.5 |
| 12.5° | 2597.0 | 2671.8 | 2724.3 | 2778.4 | 2791.1 | 2811.8 | 2838.8 | 2835.7 | 2867.5 | 2861.1 | 2875.4 |
| 15°   | 2713.1 | 2795.9 | 2859.5 | 2902.5 | 2937.5 | 2955.0 | 3005.9 | 3009.1 | 3007.5 | 3023.4 | 3013.9 |
| 17.5° | 2816.6 | 2886.6 | 2977.3 | 3033.0 | 3075.9 | 3075.9 | 3104.6 | 3163.5 | 3158.7 | 3157.1 | 3166.6 |
| 20°   | 2900.9 | 2980.5 | 3064.8 | 3158.7 | 3193.7 | 3200.1 | 3239.8 | 3270.1 | 3274.8 | 3274.8 | 3274.8 |
| 22.5° | 2964.5 | 3058.4 | 3149.1 | 3216.0 | 3243.0 | 3265.3 | 3300.3 | 3319.4 | 3325.8 | 3322.6 | 3325.8 |
| 25°   | 2996.4 | 3085.5 | 3177.8 | 3238.2 | 3254.2 | 3266.9 | 3270.1 | 3281.2 | 3279.6 | 3260.5 | 3271.7 |
| 27.5° | 3002.7 | 3088.7 | 3149.1 | 3165.1 | 3157.1 | 3149.1 | 3098.2 | 3103.0 | 3088.7 | 3060.0 | 3071.2 |
| 30°   | 2974.1 | 3020.2 | 3018.7 | 2969.3 | 2955.0 | 2921.6 | 2875.4 | 2807.0 | 2751.3 | 2727.4 | 2735.4 |
| 32.5° | 2870.7 | 2870.7 | 2813.4 | 2702.0 | 2652.7 | 2592.2 | 2509.4 | 2447.4 | 2374.2 | 2358.3 | 2388.5 |
| 35°   | 2727.4 | 2646.3 | 2541.3 | 2394.9 | 2320.1 | 2275.5 | 2132.3 | 2087.8 | 2025.7 | 2008.2 | 2022.5 |
| 37.5° | 2504.7 | 2369.4 | 2216.6 | 2079.8 | 2016.1 | 1936.6 | 1810.9 | 1747.2 | 1702.7 | 1672.4 | 1686.8 |
| 40°   | 2254.8 | 2090.9 | 1931.8 | 1763.1 | 1693.1 | 1627.9 | 1534.0 | 1476.7 | 1405.1 | 1408.3 | 1413.1 |
| 42.5° | 2016.1 | 1823.6 | 1645.4 | 1489.4 | 1422.6 | 1368.5 | 1303.3 | 1233.2 | 1207.8 | 1199.8 | 1191.9 |
| 45°   | 1763.1 | 1557.9 | 1390.8 | 1274.6 | 1214.1 | 1163.2 | 1102.8 | 1063.0 | 1032.7 | 1026.4 | 1034.3 |
| 47.5° | 1524.4 | 1351.0 | 1191.9 | 1083.7 | 1034.3 | 1008.9 | 961.1  | 924.5  | 905.4  | 889.5  | 899.1  |
| 50°   | 1308.0 | 1145.7 | 1018.4 | 927.7  | 892.7  | 875.2  | 830.6  | 811.6  | 792.5  | 787.7  | 786.1  |
| 52.5° | 1129.8 | 991.4  | 881.6  | 808.4  | 781.3  | 771.8  | 738.4  | 711.3  | 695.4  | 700.2  | 703.3  |
| 55°   | 967.5  | 849.7  | 763.8  | 704.9  | 682.7  | 671.5  | 647.6  | 628.6  | 617.4  | 612.6  | 615.8  |
| 57.5° | 824.3  | 722.4  | 660.4  | 612.6  | 595.1  | 590.4  | 564.9  | 558.5  | 550.6  | 545.8  | 545.8  |
| 60°   | 693.8  | 622.2  | 564.9  | 537.9  | 518.8  | 514.0  | 494.9  | 486.9  | 485.3  | 480.6  | 477.4  |
| 62.5° | 584.0  | 525.1  | 485.3  | 456.7  | 448.7  | 447.1  | 434.4  | 424.9  | 420.1  | 416.9  | 416.9  |
| 65°   | 488.5  | 445.6  | 412.1  | 391.5  | 385.1  | 381.9  | 367.6  | 364.4  | 361.2  | 358.0  | 356.4  |
| 67.5° | 407.4  | 369.2  | 345.3  | 331.0  | 323.0  | 324.6  | 316.7  | 310.3  | 310.3  | 308.7  | 307.1  |
| 70°   | 329.4  | 305.5  | 284.8  | 276.9  | 273.7  | 270.5  | 267.3  | 262.6  | 261.0  | 261.0  | 261.0  |
| 72.5° | 259.4  | 243.5  | 232.3  | 227.6  | 224.4  | 221.2  | 218.0  | 218.0  | 218.0  | 216.4  | 216.4  |
| 75°   | 198.9  | 192.5  | 184.6  | 179.8  | 179.8  | 183.0  | 178.2  | 173.4  | 168.7  | 165.5  | 167.1  |
| 77.5° | 149.6  | 146.4  | 141.6  | 133.7  | 135.3  | 132.1  | 132.1  | 128.9  | 130.5  | 130.5  | 127.3  |
| 80°   | 109.8  | 105.0  | 103.4  | 98.7   | 100.3  | 98.7   | 97.1   | 97.1   | 93.9   | 93.9   | 93.9   |
| 82.5° | 76.4   | 71.6   | 71.6   | 70.0   | 68.4   | 68.4   | 66.8   | 66.8   | 68.4   | 65.2   | 65.2   |
| 85°   | 46.1   | 44.6   | 44.6   | 41.4   | 41.4   | 41.4   | 41.4   | 43.0   | 41.4   | 39.8   | 39.8   |
| 87.5° | 20.7   | 22.3   | 20.7   | 19.1   | 19.1   | 19.1   | 17.5   | 17.5   | 15.9   | 17.5   | 17.5   |
| 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):**

|       | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 |
| 2.5°  | 2122.8 | 2111.6 | 2110.0 | 2110.0 | 2092.5 | 2102.1 | 2083.0 | 2062.3 | 2052.7 | 2052.7 | 2035.2 |
| 5°    | 2299.4 | 2288.3 | 2277.1 | 2259.6 | 2259.6 | 2250.1 | 2219.8 | 2189.6 | 2167.3 | 2148.2 | 2127.5 |
| 7.5°  | 2480.8 | 2469.7 | 2437.8 | 2420.3 | 2429.9 | 2410.8 | 2371.0 | 2320.1 | 2281.9 | 2251.7 | 2208.7 |
| 10°   | 2678.1 | 2647.9 | 2632.0 | 2622.4 | 2589.0 | 2568.3 | 2522.2 | 2447.4 | 2399.6 | 2359.9 | 2304.2 |
| 12.5° | 2838.8 | 2848.4 | 2787.9 | 2792.7 | 2759.3 | 2730.6 | 2659.0 | 2587.4 | 2515.8 | 2460.1 | 2377.4 |
| 15°   | 3012.3 | 2983.6 | 2947.0 | 2918.4 | 2907.3 | 2872.3 | 2811.8 | 2716.3 | 2638.3 | 2550.8 | 2456.9 |
| 17.5° | 3149.1 | 3126.9 | 3091.9 | 3064.8 | 3040.9 | 2956.6 | 2905.7 | 2821.3 | 2714.7 | 2628.8 | 2514.2 |
| 20°   | 3265.3 | 3244.6 | 3195.3 | 3177.8 | 3134.8 | 3074.3 | 3001.1 | 2870.7 | 2775.2 | 2681.3 | 2569.9 |
| 22.5° | 3314.6 | 3293.9 | 3251.0 | 3228.7 | 3201.7 | 3142.8 | 3072.8 | 2948.6 | 2830.9 | 2713.1 | 2595.4 |
| 25°   | 3273.3 | 3273.3 | 3252.6 | 3244.6 | 3220.7 | 3168.2 | 3096.6 | 2991.6 | 2865.9 | 2738.6 | 2598.6 |
| 27.5° | 3072.8 | 3112.5 | 3126.9 | 3134.8 | 3134.8 | 3136.4 | 3087.1 | 2985.2 | 2862.7 | 2738.6 | 2592.2 |
| 30°   | 2783.1 | 2850.0 | 2908.9 | 2926.4 | 2956.6 | 2990.0 | 3010.7 | 2961.4 | 2851.6 | 2721.1 | 2574.7 |
| 32.5° | 2418.7 | 2504.7 | 2614.5 | 2641.5 | 2682.9 | 2783.1 | 2838.8 | 2859.5 | 2799.1 | 2684.5 | 2528.5 |
| 35°   | 2055.9 | 2164.1 | 2231.0 | 2313.7 | 2351.9 | 2499.9 | 2624.0 | 2698.8 | 2684.5 | 2616.1 | 2474.4 |
| 37.5° | 1739.3 | 1801.3 | 1882.5 | 1970.0 | 2046.4 | 2188.0 | 2342.4 | 2487.2 | 2546.0 | 2512.6 | 2406.0 |
| 40°   | 1435.3 | 1508.5 | 1605.6 | 1677.2 | 1729.7 | 1871.3 | 2062.3 | 2219.8 | 2348.7 | 2369.4 | 2304.2 |
| 42.5° | 1220.5 | 1293.7 | 1352.6 | 1430.6 | 1471.9 | 1608.8 | 1777.5 | 1974.8 | 2127.5 | 2208.7 | 2180.0 |
| 45°   | 1055.0 | 1099.6 | 1147.3 | 1191.9 | 1242.8 | 1363.7 | 1519.7 | 1736.1 | 1907.9 | 2022.5 | 2033.7 |
| 47.5° | 910.2  | 950.0  | 991.4  | 1032.7 | 1061.4 | 1155.3 | 1298.5 | 1475.1 | 1662.9 | 1820.4 | 1882.5 |
| 50°   | 808.4  | 827.5  | 857.7  | 881.6  | 915.0  | 996.1  | 1110.7 | 1263.5 | 1462.4 | 1632.7 | 1713.8 |
| 52.5° | 708.1  | 732.0  | 755.9  | 776.5  | 798.8  | 856.1  | 961.1  | 1093.2 | 1265.1 | 1440.1 | 1540.4 |
| 55°   | 623.8  | 642.9  | 665.2  | 679.5  | 692.2  | 743.1  | 822.7  | 924.5  | 1072.5 | 1238.0 | 1362.1 |
| 57.5° | 555.4  | 563.3  | 582.4  | 590.4  | 604.7  | 646.1  | 703.3  | 794.0  | 913.4  | 1074.1 | 1176.0 |
| 60°   | 480.6  | 496.5  | 510.8  | 517.2  | 528.3  | 556.9  | 596.7  | 681.1  | 784.5  | 902.3  | 1018.4 |
| 62.5° | 420.1  | 426.5  | 437.6  | 445.6  | 453.5  | 483.7  | 517.2  | 580.8  | 658.8  | 757.4  | 864.1  |
| 65°   | 364.4  | 367.6  | 374.0  | 385.1  | 389.9  | 412.1  | 431.2  | 477.4  | 550.6  | 625.4  | 732.0  |
| 67.5° | 307.1  | 310.3  | 318.3  | 324.6  | 329.4  | 343.7  | 364.4  | 397.8  | 437.6  | 520.3  | 579.2  |
| 70°   | 262.6  | 262.6  | 267.3  | 270.5  | 275.3  | 281.7  | 292.8  | 318.3  | 354.9  | 407.4  | 461.5  |
| 72.5° | 219.6  | 219.6  | 219.6  | 224.4  | 224.4  | 229.1  | 235.5  | 253.0  | 278.5  | 319.8  | 354.9  |
| 75°   | 170.3  | 171.9  | 175.0  | 175.0  | 176.6  | 183.0  | 187.8  | 192.5  | 205.3  | 232.3  | 264.2  |
| 77.5° | 128.9  | 132.1  | 133.7  | 130.5  | 133.7  | 133.7  | 140.0  | 146.4  | 152.8  | 160.7  | 184.6  |
| 80°   | 95.5   | 97.1   | 93.9   | 95.5   | 95.5   | 98.7   | 101.8  | 100.3  | 103.4  | 113.0  | 119.3  |
| 82.5° | 63.7   | 65.2   | 65.2   | 65.2   | 65.2   | 70.0   | 70.0   | 68.4   | 70.0   | 71.6   | 73.2   |
| 85°   | 39.8   | 38.2   | 38.2   | 39.8   | 38.2   | 38.2   | 39.8   | 41.4   | 39.8   | 41.4   | 43.0   |
| 87.5° | 17.5   | 17.5   | 17.5   | 17.5   | 15.9   | 15.9   | 17.5   | 15.9   | 17.5   | 15.9   | 14.3   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



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**CANDELA DISTRIBUTION (continued):**

|       | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 |
| 2.5°  | 2025.7 | 2017.7 | 2013.0 | 2011.4 | 1997.1 | 1989.1 | 1984.3 | 1981.1 | 1976.4 | 1963.6 | 1952.5 |
| 5°    | 2102.1 | 2079.8 | 2068.7 | 2055.9 | 2033.7 | 2008.2 | 1987.5 | 1974.8 | 1958.9 | 1933.4 | 1909.5 |
| 7.5°  | 2173.7 | 2140.3 | 2118.0 | 2100.5 | 2062.3 | 2020.9 | 1987.5 | 1960.5 | 1930.2 | 1895.2 | 1861.8 |
| 10°   | 2248.5 | 2194.4 | 2165.7 | 2138.7 | 2083.0 | 2028.9 | 1981.1 | 1941.4 | 1898.4 | 1852.2 | 1815.6 |
| 12.5° | 2307.4 | 2235.7 | 2203.9 | 2165.7 | 2097.3 | 2033.7 | 1973.2 | 1919.1 | 1863.4 | 1814.1 | 1761.5 |
| 15°   | 2375.8 | 2286.7 | 2250.1 | 2200.7 | 2106.9 | 2024.1 | 1946.1 | 1887.3 | 1830.0 | 1756.8 | 1701.1 |
| 17.5° | 2415.6 | 2312.1 | 2259.6 | 2216.6 | 2114.8 | 2014.6 | 1923.9 | 1850.7 | 1783.8 | 1710.6 | 1651.7 |
| 20°   | 2455.3 | 2337.6 | 2278.7 | 2218.2 | 2097.3 | 1990.7 | 1895.2 | 1807.7 | 1737.7 | 1658.1 | 1597.6 |
| 22.5° | 2468.1 | 2331.2 | 2269.2 | 2213.5 | 2086.2 | 1966.8 | 1857.0 | 1767.9 | 1686.8 | 1607.2 | 1538.8 |
| 25°   | 2468.1 | 2329.6 | 2256.4 | 2184.8 | 2051.2 | 1928.6 | 1818.8 | 1721.8 | 1631.1 | 1551.5 | 1483.1 |
| 27.5° | 2442.6 | 2297.8 | 2221.4 | 2156.2 | 2017.7 | 1885.7 | 1772.7 | 1666.1 | 1578.5 | 1499.0 | 1421.0 |
| 30°   | 2410.8 | 2251.7 | 2175.3 | 2097.3 | 1963.6 | 1837.9 | 1715.4 | 1616.7 | 1524.4 | 1433.7 | 1363.7 |
| 32.5° | 2371.0 | 2202.3 | 2118.0 | 2038.4 | 1896.8 | 1766.3 | 1653.3 | 1556.3 | 1468.7 | 1374.9 | 1296.9 |
| 35°   | 2313.7 | 2129.1 | 2035.2 | 1965.2 | 1828.4 | 1693.1 | 1584.9 | 1489.4 | 1405.1 | 1308.0 | 1223.7 |
| 37.5° | 2240.5 | 2062.3 | 1966.8 | 1880.9 | 1739.3 | 1615.1 | 1513.3 | 1421.0 | 1338.3 | 1249.2 | 1155.3 |
| 40°   | 2154.6 | 1968.4 | 1885.7 | 1795.0 | 1645.4 | 1527.6 | 1432.1 | 1349.4 | 1266.7 | 1182.3 | 1091.6 |
| 42.5° | 2057.5 | 1872.9 | 1780.6 | 1693.1 | 1549.9 | 1433.7 | 1344.6 | 1269.8 | 1193.5 | 1115.5 | 1018.4 |
| 45°   | 1941.4 | 1767.9 | 1678.8 | 1596.1 | 1457.6 | 1338.3 | 1257.1 | 1185.5 | 1120.3 | 1040.7 | 954.8  |
| 47.5° | 1810.9 | 1659.7 | 1569.0 | 1479.9 | 1344.6 | 1241.2 | 1161.6 | 1101.2 | 1045.5 | 965.9  | 887.9  |
| 50°   | 1683.6 | 1534.0 | 1460.8 | 1370.1 | 1246.0 | 1148.9 | 1067.7 | 1016.8 | 973.9  | 895.9  | 825.9  |
| 52.5° | 1522.9 | 1409.9 | 1339.9 | 1261.9 | 1142.5 | 1043.9 | 980.2  | 935.7  | 884.8  | 824.3  | 762.2  |
| 55°   | 1381.2 | 1276.2 | 1220.5 | 1147.3 | 1029.6 | 942.0  | 887.9  | 846.6  | 806.8  | 752.7  | 703.3  |
| 57.5° | 1220.5 | 1155.3 | 1099.6 | 1035.9 | 919.8  | 845.0  | 797.2  | 762.2  | 725.6  | 681.1  | 641.3  |
| 60°   | 1051.8 | 1021.6 | 967.5  | 916.6  | 817.9  | 752.7  | 712.9  | 681.1  | 646.1  | 609.5  | 576.0  |
| 62.5° | 902.3  | 884.8  | 852.9  | 813.1  | 720.8  | 665.2  | 625.4  | 601.5  | 576.0  | 542.6  | 510.8  |
| 65°   | 760.6  | 752.7  | 722.4  | 693.8  | 630.1  | 580.8  | 545.8  | 531.5  | 502.8  | 477.4  | 448.7  |
| 67.5° | 634.9  | 625.4  | 607.9  | 595.1  | 541.0  | 494.9  | 477.4  | 458.3  | 434.4  | 415.3  | 391.5  |
| 70°   | 507.6  | 506.0  | 494.9  | 479.0  | 450.3  | 416.9  | 399.4  | 386.7  | 362.8  | 348.5  | 331.0  |
| 72.5° | 394.6  | 402.6  | 393.0  | 386.7  | 367.6  | 343.7  | 327.8  | 319.8  | 300.8  | 289.6  | 276.9  |
| 75°   | 294.4  | 300.8  | 305.5  | 294.4  | 289.6  | 278.5  | 264.2  | 256.2  | 246.6  | 230.7  | 226.0  |
| 77.5° | 200.5  | 214.8  | 214.8  | 218.0  | 219.6  | 213.2  | 202.1  | 195.7  | 184.6  | 181.4  | 175.0  |
| 80°   | 132.1  | 144.8  | 146.4  | 149.6  | 154.4  | 154.4  | 146.4  | 144.8  | 133.7  | 132.1  | 127.3  |
| 82.5° | 76.4   | 87.5   | 93.9   | 98.7   | 97.1   | 103.4  | 97.1   | 95.5   | 89.1   | 89.1   | 85.9   |
| 85°   | 41.4   | 43.0   | 46.1   | 49.3   | 52.5   | 55.7   | 55.7   | 54.1   | 52.5   | 50.9   | 47.7   |
| 87.5° | 15.9   | 15.9   | 17.5   | 15.9   | 17.5   | 20.7   | 22.3   | 22.3   | 20.7   | 19.1   | 15.9   |
| 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):**

|       | 200°   | 202.5° | 205°   | 210°   | 215°   | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 |
| 2.5°  | 1942.9 | 1939.8 | 1936.6 | 1923.9 | 1912.7 | 1893.6 | 1877.7 | 1871.3 | 1869.8 | 1871.3 | 1866.6 |
| 5°    | 1887.3 | 1885.7 | 1874.5 | 1852.2 | 1831.6 | 1809.3 | 1793.4 | 1777.5 | 1767.9 | 1767.9 | 1756.8 |
| 7.5°  | 1834.7 | 1823.6 | 1814.1 | 1785.4 | 1761.5 | 1731.3 | 1707.4 | 1693.1 | 1685.2 | 1667.7 | 1667.7 |
| 10°   | 1779.0 | 1763.1 | 1750.4 | 1723.4 | 1688.3 | 1658.1 | 1627.9 | 1610.4 | 1596.1 | 1583.3 | 1578.5 |
| 12.5° | 1723.4 | 1710.6 | 1686.8 | 1658.1 | 1623.1 | 1584.9 | 1553.1 | 1540.4 | 1506.9 | 1479.9 | 1481.5 |
| 15°   | 1670.8 | 1642.2 | 1631.1 | 1589.7 | 1548.3 | 1511.7 | 1465.6 | 1429.0 | 1401.9 | 1384.4 | 1362.1 |
| 17.5° | 1612.0 | 1583.3 | 1562.6 | 1527.6 | 1473.5 | 1416.2 | 1371.7 | 1322.4 | 1295.3 | 1265.1 | 1250.7 |
| 20°   | 1546.7 | 1522.9 | 1506.9 | 1451.2 | 1386.0 | 1317.6 | 1268.2 | 1238.0 | 1207.8 | 1185.5 | 1172.8 |
| 22.5° | 1491.0 | 1460.8 | 1441.7 | 1366.9 | 1295.3 | 1226.9 | 1188.7 | 1163.2 | 1137.8 | 1118.7 | 1112.3 |
| 25°   | 1419.4 | 1401.9 | 1355.8 | 1290.5 | 1203.0 | 1156.9 | 1123.4 | 1090.0 | 1075.7 | 1063.0 | 1048.7 |
| 27.5° | 1360.5 | 1317.6 | 1285.8 | 1199.8 | 1145.7 | 1093.2 | 1059.8 | 1034.3 | 1016.8 | 1004.1 | 993.0  |
| 30°   | 1287.3 | 1247.6 | 1203.0 | 1131.4 | 1082.1 | 1032.7 | 1002.5 | 981.8  | 962.7  | 954.8  | 945.2  |
| 32.5° | 1211.0 | 1174.4 | 1131.4 | 1074.1 | 1013.6 | 975.5  | 951.6  | 929.3  | 916.6  | 908.6  | 897.5  |
| 35°   | 1142.5 | 1096.4 | 1067.7 | 1013.6 | 964.3  | 921.3  | 899.1  | 880.0  | 865.7  | 862.5  | 860.9  |
| 37.5° | 1069.3 | 1034.3 | 1007.3 | 951.6  | 910.2  | 873.6  | 852.9  | 832.2  | 824.3  | 822.7  | 816.3  |
| 40°   | 1005.7 | 975.5  | 950.0  | 897.5  | 852.9  | 819.5  | 803.6  | 790.9  | 782.9  | 782.9  | 781.3  |
| 42.5° | 950.0  | 918.2  | 892.7  | 845.0  | 805.2  | 775.0  | 757.4  | 744.7  | 741.5  | 743.1  | 741.5  |
| 45°   | 887.9  | 860.9  | 835.4  | 786.1  | 752.7  | 730.4  | 711.3  | 704.9  | 700.2  | 701.8  | 703.3  |
| 47.5° | 829.1  | 806.8  | 781.3  | 741.5  | 703.3  | 679.5  | 668.3  | 662.0  | 662.0  | 662.0  | 665.2  |
| 50°   | 776.5  | 751.1  | 728.8  | 687.4  | 652.4  | 633.3  | 623.8  | 615.8  | 617.4  | 619.0  | 620.6  |
| 52.5° | 714.5  | 692.2  | 676.3  | 634.9  | 609.5  | 585.6  | 574.5  | 576.0  | 574.5  | 574.5  | 577.6  |
| 55°   | 660.4  | 638.1  | 622.2  | 584.0  | 558.5  | 542.6  | 533.1  | 528.3  | 529.9  | 526.7  | 533.1  |
| 57.5° | 599.9  | 580.8  | 569.7  | 533.1  | 510.8  | 496.5  | 488.5  | 480.6  | 483.7  | 482.2  | 480.6  |
| 60°   | 547.4  | 525.1  | 507.6  | 482.2  | 463.1  | 445.6  | 440.8  | 432.8  | 436.0  | 432.8  | 431.2  |
| 62.5° | 486.9  | 469.4  | 456.7  | 431.2  | 415.3  | 401.0  | 389.9  | 385.1  | 383.5  | 378.7  | 374.0  |
| 65°   | 426.5  | 416.9  | 404.2  | 378.7  | 362.8  | 351.7  | 345.3  | 340.5  | 338.9  | 326.2  | 311.9  |
| 67.5° | 370.8  | 364.4  | 351.7  | 332.6  | 318.3  | 307.1  | 297.6  | 289.6  | 280.1  | 270.5  | 262.6  |
| 70°   | 318.3  | 308.7  | 300.8  | 283.2  | 270.5  | 259.4  | 249.8  | 240.3  | 235.5  | 226.0  | 222.8  |
| 72.5° | 267.3  | 257.8  | 249.8  | 233.9  | 222.8  | 211.6  | 208.5  | 197.3  | 192.5  | 191.0  | 191.0  |
| 75°   | 214.8  | 206.9  | 202.1  | 187.8  | 178.2  | 170.3  | 165.5  | 162.3  | 159.1  | 155.9  | 151.2  |
| 77.5° | 163.9  | 159.1  | 155.9  | 146.4  | 138.4  | 133.7  | 132.1  | 120.9  | 117.8  | 114.6  | 111.4  |
| 80°   | 119.3  | 117.8  | 114.6  | 106.6  | 103.4  | 92.3   | 92.3   | 89.1   | 87.5   | 87.5   | 87.5   |
| 82.5° | 81.2   | 78.0   | 76.4   | 68.4   | 66.8   | 65.2   | 63.7   | 62.1   | 63.7   | 62.1   | 63.7   |
| 85°   | 43.0   | 41.4   | 39.8   | 39.8   | 39.8   | 39.8   | 39.8   | 39.8   | 39.8   | 38.2   | 39.8   |
| 87.5° | 15.9   | 15.9   | 15.9   | 15.9   | 14.3   | 15.9   | 15.9   | 14.3   | 15.9   | 15.9   | 15.9   |
| 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):**

|       | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 |
| 2.5°  | 1866.6 | 1872.9 | 1865.0 | 1869.8 | 1858.6 | 1857.0 | 1858.6 | 1858.6 | 1860.2 | 1861.8 | 1863.4 |
| 5°    | 1761.5 | 1760.0 | 1750.4 | 1744.0 | 1739.3 | 1744.0 | 1747.2 | 1750.4 | 1747.2 | 1750.4 | 1752.0 |
| 7.5°  | 1662.9 | 1658.1 | 1653.3 | 1642.2 | 1645.4 | 1642.2 | 1651.7 | 1647.0 | 1647.0 | 1654.9 | 1661.3 |
| 10°   | 1575.4 | 1565.8 | 1562.6 | 1549.9 | 1540.4 | 1538.8 | 1549.9 | 1554.7 | 1559.5 | 1562.6 | 1575.4 |
| 12.5° | 1462.4 | 1448.1 | 1436.9 | 1441.7 | 1414.6 | 1425.8 | 1429.0 | 1422.6 | 1441.7 | 1464.0 | 1451.2 |
| 15°   | 1341.4 | 1343.0 | 1320.8 | 1312.8 | 1290.5 | 1296.9 | 1298.5 | 1314.4 | 1330.3 | 1328.7 | 1347.8 |
| 17.5° | 1252.3 | 1242.8 | 1223.7 | 1222.1 | 1212.6 | 1217.3 | 1215.7 | 1228.5 | 1223.7 | 1231.6 | 1247.6 |
| 20°   | 1169.6 | 1163.2 | 1147.3 | 1140.9 | 1144.1 | 1140.9 | 1142.5 | 1144.1 | 1148.9 | 1166.4 | 1163.2 |
| 22.5° | 1104.3 | 1096.4 | 1096.4 | 1088.4 | 1078.9 | 1075.7 | 1083.7 | 1088.4 | 1094.8 | 1098.0 | 1105.9 |
| 25°   | 1047.1 | 1040.7 | 1032.7 | 1028.0 | 1020.0 | 1021.6 | 1026.4 | 1032.7 | 1037.5 | 1043.9 | 1050.2 |
| 27.5° | 988.2  | 988.2  | 980.2  | 978.6  | 975.5  | 973.9  | 980.2  | 983.4  | 983.4  | 988.2  | 994.5  |
| 30°   | 942.0  | 942.0  | 934.1  | 932.5  | 930.9  | 930.9  | 935.7  | 937.3  | 938.9  | 943.6  | 946.8  |
| 32.5° | 897.5  | 895.9  | 892.7  | 894.3  | 892.7  | 894.3  | 894.3  | 895.9  | 899.1  | 900.7  | 907.0  |
| 35°   | 856.1  | 857.7  | 854.5  | 854.5  | 852.9  | 854.5  | 857.7  | 859.3  | 860.9  | 864.1  | 864.1  |
| 37.5° | 816.3  | 819.5  | 817.9  | 822.7  | 822.7  | 822.7  | 822.7  | 825.9  | 825.9  | 825.9  | 824.3  |
| 40°   | 781.3  | 781.3  | 779.7  | 782.9  | 786.1  | 786.1  | 787.7  | 787.7  | 789.3  | 789.3  | 787.7  |
| 42.5° | 741.5  | 744.7  | 749.5  | 751.1  | 754.3  | 752.7  | 757.4  | 755.9  | 757.4  | 754.3  | 751.1  |
| 45°   | 704.9  | 704.9  | 711.3  | 717.7  | 719.3  | 719.3  | 719.3  | 722.4  | 719.3  | 714.5  | 712.9  |
| 47.5° | 665.2  | 668.3  | 671.5  | 679.5  | 681.1  | 681.1  | 681.1  | 681.1  | 677.9  | 677.9  | 677.9  |
| 50°   | 625.4  | 627.0  | 628.6  | 631.7  | 636.5  | 634.9  | 634.9  | 634.9  | 641.3  | 634.9  | 636.5  |
| 52.5° | 577.6  | 579.2  | 580.8  | 587.2  | 585.6  | 585.6  | 587.2  | 587.2  | 592.0  | 590.4  | 587.2  |
| 55°   | 529.9  | 529.9  | 533.1  | 533.1  | 533.1  | 536.3  | 537.9  | 541.0  | 539.4  | 541.0  | 542.6  |
| 57.5° | 482.2  | 479.0  | 477.4  | 477.4  | 482.2  | 480.6  | 482.2  | 482.2  | 488.5  | 491.7  | 493.3  |
| 60°   | 426.5  | 426.5  | 424.9  | 415.3  | 415.3  | 413.7  | 418.5  | 421.7  | 424.9  | 439.2  | 437.6  |
| 62.5° | 369.2  | 362.8  | 356.4  | 358.0  | 348.5  | 353.3  | 350.1  | 353.3  | 362.8  | 374.0  | 375.5  |
| 65°   | 311.9  | 307.1  | 300.8  | 299.2  | 296.0  | 300.8  | 299.2  | 300.8  | 305.5  | 311.9  | 319.8  |
| 67.5° | 261.0  | 259.4  | 256.2  | 254.6  | 254.6  | 254.6  | 257.8  | 257.8  | 259.4  | 264.2  | 268.9  |
| 70°   | 222.8  | 221.2  | 222.8  | 219.6  | 221.2  | 219.6  | 221.2  | 222.8  | 224.4  | 226.0  | 230.7  |
| 72.5° | 187.8  | 187.8  | 187.8  | 184.6  | 187.8  | 186.2  | 186.2  | 187.8  | 189.4  | 191.0  | 194.1  |
| 75°   | 149.6  | 146.4  | 143.2  | 140.0  | 138.4  | 141.6  | 143.2  | 141.6  | 146.4  | 152.8  | 152.8  |
| 77.5° | 113.0  | 111.4  | 111.4  | 111.4  | 113.0  | 111.4  | 114.6  | 113.0  | 114.6  | 114.6  | 117.8  |
| 80°   | 87.5   | 85.9   | 87.5   | 87.5   | 85.9   | 89.1   | 87.5   | 87.5   | 89.1   | 90.7   | 89.1   |
| 82.5° | 63.7   | 65.2   | 63.7   | 63.7   | 63.7   | 66.8   | 63.7   | 63.7   | 63.7   | 65.2   | 65.2   |
| 85°   | 39.8   | 39.8   | 39.8   | 39.8   | 41.4   | 39.8   | 41.4   | 39.8   | 43.0   | 41.4   | 41.4   |
| 87.5° | 14.3   | 15.9   | 17.5   | 17.5   | 17.5   | 17.5   | 15.9   | 17.5   | 19.1   | 17.5   | 19.1   |
| 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):**

|       | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 337.5° | 340°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 |
| 2.5°  | 1869.8 | 1877.7 | 1874.5 | 1863.4 | 1868.2 | 1877.7 | 1887.3 | 1900.0 | 1907.9 | 1914.3 | 1917.5 |
| 5°    | 1760.0 | 1774.3 | 1771.1 | 1771.1 | 1777.5 | 1793.4 | 1809.3 | 1836.3 | 1845.9 | 1857.0 | 1872.9 |
| 7.5°  | 1662.9 | 1674.0 | 1683.6 | 1686.8 | 1696.3 | 1717.0 | 1737.7 | 1767.9 | 1791.8 | 1804.5 | 1814.1 |
| 10°   | 1577.0 | 1584.9 | 1599.2 | 1607.2 | 1616.7 | 1642.2 | 1672.4 | 1704.3 | 1728.1 | 1750.4 | 1763.1 |
| 12.5° | 1467.2 | 1499.0 | 1518.1 | 1530.8 | 1543.5 | 1581.7 | 1605.6 | 1640.6 | 1669.2 | 1689.9 | 1709.0 |
| 15°   | 1344.6 | 1382.8 | 1394.0 | 1443.3 | 1475.1 | 1505.3 | 1541.9 | 1583.3 | 1610.4 | 1634.2 | 1659.7 |
| 17.5° | 1241.2 | 1268.2 | 1281.0 | 1333.5 | 1360.5 | 1408.3 | 1460.8 | 1513.3 | 1554.7 | 1572.2 | 1597.6 |
| 20°   | 1176.0 | 1190.3 | 1215.7 | 1233.2 | 1261.9 | 1317.6 | 1374.9 | 1438.5 | 1500.6 | 1518.1 | 1543.5 |
| 22.5° | 1109.1 | 1128.2 | 1145.7 | 1169.6 | 1191.9 | 1230.1 | 1287.3 | 1357.4 | 1424.2 | 1456.0 | 1486.3 |
| 25°   | 1048.7 | 1067.7 | 1078.9 | 1104.3 | 1125.0 | 1163.2 | 1203.0 | 1274.6 | 1354.2 | 1381.2 | 1429.0 |
| 27.5° | 1000.9 | 1012.1 | 1031.1 | 1042.3 | 1066.2 | 1101.2 | 1137.8 | 1191.9 | 1269.8 | 1316.0 | 1362.1 |
| 30°   | 953.2  | 961.1  | 977.0  | 993.0  | 1010.5 | 1034.3 | 1075.7 | 1128.2 | 1199.8 | 1239.6 | 1285.8 |
| 32.5° | 905.4  | 918.2  | 927.7  | 938.9  | 957.9  | 986.6  | 1015.2 | 1066.2 | 1123.4 | 1168.0 | 1214.1 |
| 35°   | 865.7  | 870.4  | 883.2  | 895.9  | 908.6  | 934.1  | 964.3  | 1013.6 | 1064.6 | 1099.6 | 1140.9 |
| 37.5° | 822.7  | 830.6  | 840.2  | 845.0  | 865.7  | 881.6  | 913.4  | 951.6  | 1012.1 | 1034.3 | 1075.7 |
| 40°   | 789.3  | 787.7  | 797.2  | 805.2  | 814.7  | 840.2  | 859.3  | 900.7  | 948.4  | 983.4  | 1008.9 |
| 42.5° | 747.9  | 747.9  | 751.1  | 760.6  | 773.4  | 789.3  | 811.6  | 846.6  | 895.9  | 921.3  | 951.6  |
| 45°   | 714.5  | 709.7  | 711.3  | 717.7  | 725.6  | 741.5  | 763.8  | 794.0  | 843.4  | 864.1  | 895.9  |
| 47.5° | 674.7  | 669.9  | 669.9  | 676.3  | 682.7  | 693.8  | 711.3  | 746.3  | 786.1  | 813.1  | 837.0  |
| 50°   | 630.1  | 631.7  | 630.1  | 634.9  | 638.1  | 649.2  | 668.3  | 697.0  | 733.6  | 755.9  | 782.9  |
| 52.5° | 588.8  | 585.6  | 584.0  | 587.2  | 593.5  | 601.5  | 622.2  | 647.6  | 682.7  | 704.9  | 728.8  |
| 55°   | 537.9  | 541.0  | 541.0  | 541.0  | 550.6  | 553.8  | 569.7  | 595.1  | 630.1  | 647.6  | 669.9  |
| 57.5° | 491.7  | 490.1  | 493.3  | 491.7  | 499.7  | 510.8  | 523.5  | 542.6  | 577.6  | 595.1  | 615.8  |
| 60°   | 440.8  | 442.4  | 444.0  | 444.0  | 450.3  | 461.5  | 475.8  | 493.3  | 521.9  | 539.4  | 558.5  |
| 62.5° | 378.7  | 386.7  | 394.6  | 397.8  | 407.4  | 415.3  | 424.9  | 444.0  | 469.4  | 482.2  | 499.7  |
| 65°   | 319.8  | 331.0  | 342.1  | 350.1  | 356.4  | 364.4  | 377.1  | 394.6  | 415.3  | 428.1  | 445.6  |
| 67.5° | 268.9  | 276.9  | 291.2  | 299.2  | 311.9  | 321.4  | 329.4  | 343.7  | 369.2  | 374.0  | 388.3  |
| 70°   | 232.3  | 235.5  | 241.9  | 248.2  | 262.6  | 270.5  | 280.1  | 294.4  | 313.5  | 324.6  | 332.6  |
| 72.5° | 195.7  | 197.3  | 200.5  | 206.9  | 213.2  | 222.8  | 233.9  | 246.6  | 264.2  | 268.9  | 280.1  |
| 75°   | 155.9  | 165.5  | 165.5  | 170.3  | 175.0  | 179.8  | 189.4  | 202.1  | 213.2  | 221.2  | 227.6  |
| 77.5° | 116.2  | 120.9  | 124.1  | 132.1  | 138.4  | 143.2  | 149.6  | 159.1  | 165.5  | 171.9  | 176.6  |
| 80°   | 90.7   | 92.3   | 93.9   | 93.9   | 97.1   | 103.4  | 109.8  | 116.2  | 124.1  | 127.3  | 132.1  |
| 82.5° | 66.8   | 66.8   | 66.8   | 70.0   | 71.6   | 73.2   | 73.2   | 76.4   | 84.3   | 87.5   | 92.3   |
| 85°   | 43.0   | 43.0   | 43.0   | 43.0   | 44.6   | 46.1   | 47.7   | 49.3   | 49.3   | 49.3   | 52.5   |
| 87.5° | 17.5   | 20.7   | 19.1   | 20.7   | 20.7   | 20.7   | 20.7   | 22.3   | 22.3   | 23.9   | 23.9   |
| 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°    | 1974.8 | 1974.8 | 1974.8 | 1974.8 |
| 2.5°  | 1930.2 | 1939.8 | 1955.7 | 1978.0 |
| 5°    | 1885.7 | 1912.7 | 1938.2 | 1971.6 |
| 7.5°  | 1845.9 | 1877.7 | 1912.7 | 1960.5 |
| 10°   | 1799.7 | 1839.5 | 1884.1 | 1942.9 |
| 12.5° | 1745.6 | 1801.3 | 1852.2 | 1915.9 |
| 15°   | 1705.8 | 1747.2 | 1812.5 | 1887.3 |
| 17.5° | 1650.2 | 1705.8 | 1771.1 | 1855.4 |
| 20°   | 1597.6 | 1656.5 | 1729.7 | 1817.2 |
| 22.5° | 1541.9 | 1608.8 | 1682.0 | 1775.9 |
| 25°   | 1484.7 | 1556.3 | 1629.5 | 1729.7 |
| 27.5° | 1432.1 | 1497.4 | 1580.1 | 1682.0 |
| 30°   | 1368.5 | 1443.3 | 1522.9 | 1629.5 |
| 32.5° | 1306.4 | 1384.4 | 1465.6 | 1572.2 |
| 35°   | 1239.6 | 1317.6 | 1406.7 | 1508.5 |
| 37.5° | 1174.4 | 1260.3 | 1341.4 | 1440.1 |
| 40°   | 1102.8 | 1191.9 | 1276.2 | 1376.5 |
| 42.5° | 1032.7 | 1125.0 | 1209.4 | 1295.3 |
| 45°   | 967.5  | 1058.2 | 1134.6 | 1215.7 |
| 47.5° | 905.4  | 986.6  | 1064.6 | 1137.8 |
| 50°   | 845.0  | 913.4  | 985.0  | 1045.5 |
| 52.5° | 781.3  | 846.6  | 903.8  | 957.9  |
| 55°   | 724.0  | 775.0  | 825.9  | 875.2  |
| 57.5° | 655.6  | 706.5  | 751.1  | 789.3  |
| 60°   | 598.3  | 630.1  | 673.1  | 712.9  |
| 62.5° | 533.1  | 569.7  | 603.1  | 628.6  |
| 65°   | 469.4  | 501.3  | 526.7  | 549.0  |
| 67.5° | 415.3  | 434.4  | 453.5  | 477.4  |
| 70°   | 350.1  | 366.0  | 388.3  | 405.8  |
| 72.5° | 294.4  | 307.1  | 318.3  | 338.9  |
| 75°   | 238.7  | 249.8  | 256.2  | 275.3  |
| 77.5° | 184.6  | 195.7  | 200.5  | 211.6  |
| 80°   | 141.6  | 143.2  | 149.6  | 159.1  |
| 82.5° | 97.1   | 100.3  | 101.8  | 109.8  |
| 85°   | 55.7   | 63.7   | 62.1   | 65.2   |
| 87.5° | 23.9   | 25.5   | 28.6   | 31.8   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    |

(END OF REPORT)