

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: P1004877

Luminaire Tested: S125R3DR-B375DB50-4F0-XX-W2A-A

Issue Date: 5/2/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P1004877  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1802-639-32)  
Test Lab: INNOVATION CENTER  
Issue Date: 5/2/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: S125R3DR-B375DB50-4F0-XX-W2A-A  
Description: Define 5 3in Regressed Direct Recessed with 5000K BioUP LEDs {m-DER=1.015} {m-EER=1.115  
Light Source: -  
Ballast/Driver: -

**Summary**

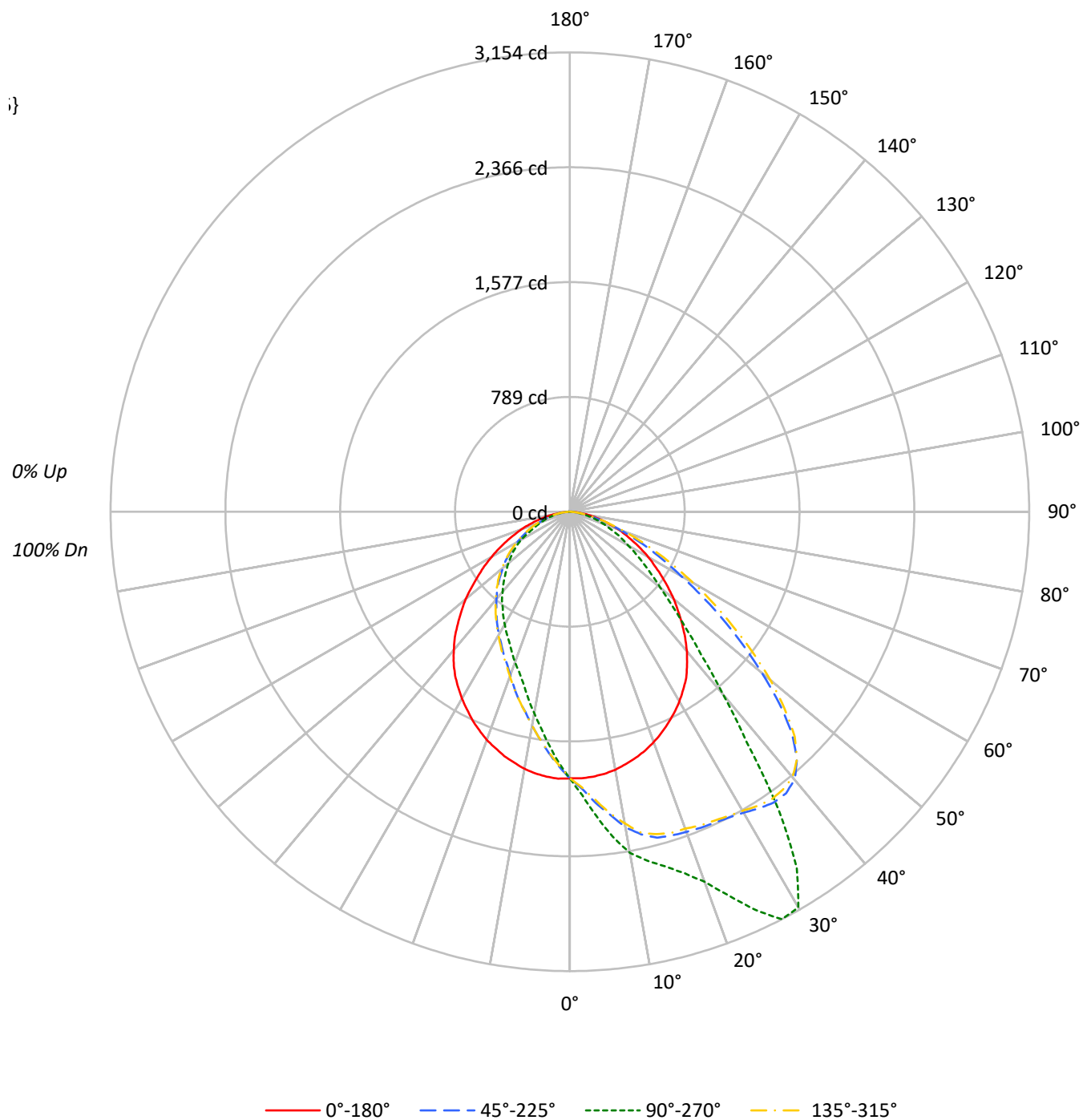
Lumens per Lamp: N/A  
Luminaire Lumens: 4741.0 lumens  
Efficiency: N/A  
Efficacy: 77.3 lumens/watt  
Spacing Criteria (0/90/45): 1.21 / 1.4 / 1.47  
Luminous Opening: Rectangular (W 0.42' x L: 4' x H: 0')  
CIE Type: Direct

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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CATALOG NUMBER: S125R3DR-B375DB50-4F0-XX-W2A-A

### Luminous Intensity Polar Plot



TEST NUMBER: P1004877

CATALOG NUMBER: S125R3DR-B375DB50-4F0-XX-W2A-A

**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  |
| RCR |     |     |     |     |     |     |     |     |     |     |     |  |     |     |     |  |     |
| 0   | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 |  | 106 | 106 | 106 |  | 102 |
| 1   | 110 | 106 | 102 | 98  | 107 | 103 | 100 | 97  | 99  | 96  | 94  |  | 95  | 93  | 91  |  | 92  |
| 2   | 101 | 93  | 87  | 82  | 98  | 91  | 86  | 81  | 88  | 83  | 79  |  | 85  | 81  | 77  |  | 82  |
| 3   | 92  | 83  | 75  | 69  | 90  | 81  | 74  | 69  | 78  | 72  | 67  |  | 76  | 70  | 66  |  | 73  |
| 4   | 85  | 74  | 66  | 59  | 83  | 73  | 65  | 59  | 70  | 63  | 58  |  | 68  | 62  | 57  |  | 66  |
| 5   | 79  | 66  | 58  | 52  | 77  | 65  | 57  | 51  | 63  | 56  | 51  |  | 61  | 55  | 50  |  | 60  |
| 6   | 73  | 60  | 52  | 45  | 71  | 59  | 51  | 45  | 57  | 50  | 45  |  | 56  | 49  | 44  |  | 54  |
| 7   | 68  | 55  | 46  | 40  | 66  | 54  | 46  | 40  | 52  | 45  | 40  |  | 51  | 44  | 40  |  | 50  |
| 8   | 63  | 50  | 42  | 36  | 61  | 49  | 42  | 36  | 48  | 41  | 36  |  | 47  | 40  | 36  |  | 46  |
| 9   | 59  | 46  | 38  | 33  | 58  | 45  | 38  | 33  | 44  | 37  | 32  |  | 43  | 37  | 32  |  | 42  |
| 10  | 55  | 42  | 35  | 30  | 54  | 42  | 35  | 30  | 41  | 34  | 30  |  | 40  | 34  | 29  |  | 39  |

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

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 11724 | 11724 | 11724 | 11724 |
| 5°  | 11740 | 13490 | 11740 | 10368 |
| 10° | 11700 | 15473 | 11661 | 9149  |
| 15° | 11600 | 16712 | 11520 | 8132  |
| 20° | 11473 | 18428 | 11371 | 7509  |
| 25° | 11301 | 21327 | 11173 | 6968  |
| 30° | 11126 | 23208 | 10960 | 6613  |
| 35° | 10893 | 19578 | 10741 | 6287  |
| 40° | 10455 | 13672 | 10367 | 6007  |
| 45° | 9870  | 10142 | 9856  | 5731  |
| 50° | 9270  | 8087  | 9315  | 5496  |
| 55° | 8592  | 6864  | 8576  | 5287  |
| 60° | 7970  | 5929  | 7932  | 4948  |
| 65° | 7244  | 5285  | 7289  | 4260  |
| 70° | 6671  | 4644  | 6643  | 3883  |
| 75° | 5765  | 4018  | 5765  | 3644  |
| 80° | 4878  | 3048  | 4822  | 3048  |
| 85° | 3867  | 2544  | 3757  | 2874  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 135°

Vertical Angle: 45°

Luminance: 19794 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 175.5  | 3.7       |
| 10°-20°   | 514.5  | 10.9      |
| 20°-30°   | 815.7  | 17.2      |
| 30°-40°   | 985.7  | 20.8      |
| 40°-50°   | 877.6  | 18.5      |
| 50°-60°   | 673.0  | 14.2      |
| 60°-70°   | 437.1  | 9.2       |
| 70°-80°   | 212.1  | 4.5       |
| 80°-90°   | 49.9   | 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       |
| <hr/>     |        |           |
| 0°-30°    | 1505.7 | 31.8      |
| 0°-40°    | 2491.4 | 52.5      |
| 0°-60°    | 4041.9 | 85.3      |
| 0°-90°    | 4741.0 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 4741.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 90°  | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0°  | 1830 | 1830 | 1830 | 1830 | 1830 |      |
| 5°  | 1825 | 2097 | 1825 | 1612 | 1825 | 173  |
| 15° | 1749 | 2520 | 1737 | 1226 | 1749 | 493  |
| 25° | 1599 | 3017 | 1580 | 986  | 1599 | 737  |
| 35° | 1393 | 2503 | 1373 | 804  | 1393 | 867  |
| 45° | 1089 | 1119 | 1088 | 632  | 1089 | 841  |
| 55° | 769  | 614  | 768  | 473  | 769  | 689  |
| 65° | 478  | 349  | 481  | 281  | 478  | 478  |
| 75° | 233  | 162  | 233  | 147  | 233  | 250  |
| 85° | 53   | 35   | 51   | 39   | 53   | 63   |
| 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°    | 1829.9 | 1829.9 | 1829.9 | 1829.9 | 1829.9 | 1829.9 | 1829.9 | 1829.9 | 1829.9 | 1829.9 | 1829.9 |
| 2.5°  | 1831.4 | 1846.5 | 1851.0 | 1863.0 | 1876.5 | 1879.5 | 1887.0 | 1897.5 | 1903.6 | 1902.1 | 1902.1 |
| 5°    | 1825.4 | 1851.0 | 1869.0 | 1890.0 | 1915.6 | 1926.1 | 1935.1 | 1957.6 | 1975.7 | 1986.2 | 2004.2 |
| 7.5°  | 1814.9 | 1852.5 | 1882.5 | 1914.1 | 1953.1 | 1971.2 | 1990.7 | 2022.2 | 2055.3 | 2076.3 | 2095.9 |
| 10°   | 1798.4 | 1846.5 | 1888.5 | 1935.1 | 1987.7 | 2014.7 | 2038.8 | 2086.9 | 2127.4 | 2154.5 | 2199.5 |
| 12.5° | 1774.4 | 1834.4 | 1893.0 | 1954.6 | 2020.7 | 2049.3 | 2082.3 | 2134.9 | 2192.0 | 2231.1 | 2268.6 |
| 15°   | 1748.8 | 1820.9 | 1884.0 | 1957.6 | 2037.3 | 2080.8 | 2122.9 | 2178.5 | 2229.6 | 2273.2 | 2316.7 |
| 17.5° | 1718.8 | 1795.4 | 1873.5 | 1957.6 | 2047.8 | 2091.4 | 2127.4 | 2193.5 | 2247.6 | 2291.2 | 2330.2 |
| 20°   | 1682.7 | 1768.3 | 1857.0 | 1950.1 | 2041.8 | 2082.3 | 2116.9 | 2189.0 | 2237.1 | 2283.7 | 2339.3 |
| 22.5° | 1643.6 | 1736.8 | 1831.4 | 1923.1 | 2013.2 | 2056.8 | 2097.4 | 2160.5 | 2213.1 | 2276.2 | 2348.3 |
| 25°   | 1598.6 | 1700.7 | 1796.9 | 1888.5 | 1974.2 | 2014.7 | 2050.8 | 2119.9 | 2193.5 | 2273.2 | 2354.3 |
| 27.5° | 1553.5 | 1652.7 | 1745.8 | 1829.9 | 1923.1 | 1960.7 | 1996.7 | 2083.8 | 2171.0 | 2255.1 | 2366.3 |
| 30°   | 1503.9 | 1604.6 | 1685.7 | 1763.8 | 1854.0 | 1893.0 | 1938.1 | 2037.3 | 2136.4 | 2250.6 | 2385.8 |
| 32.5° | 1448.3 | 1540.0 | 1615.1 | 1696.2 | 1777.4 | 1825.4 | 1882.5 | 1990.7 | 2104.9 | 2241.6 | 2414.4 |
| 35°   | 1392.7 | 1466.4 | 1535.5 | 1612.1 | 1709.7 | 1760.8 | 1816.4 | 1930.6 | 2073.3 | 2237.1 | 2438.4 |
| 37.5° | 1322.1 | 1392.7 | 1446.8 | 1525.0 | 1625.6 | 1685.7 | 1741.3 | 1873.5 | 2035.8 | 2226.6 | 2436.9 |
| 40°   | 1250.0 | 1310.1 | 1361.2 | 1442.3 | 1552.0 | 1607.6 | 1667.7 | 1811.9 | 1996.7 | 2196.5 | 2400.9 |
| 42.5° | 1171.9 | 1223.0 | 1278.6 | 1356.7 | 1463.4 | 1517.4 | 1586.5 | 1754.8 | 1942.6 | 2154.5 | 2307.7 |
| 45°   | 1089.3 | 1138.8 | 1185.4 | 1266.5 | 1373.2 | 1431.8 | 1506.9 | 1679.7 | 1876.5 | 2065.8 | 2157.5 |
| 47.5° | 1008.1 | 1051.7 | 1101.3 | 1171.9 | 1280.1 | 1344.7 | 1421.3 | 1606.1 | 1787.9 | 1947.1 | 1954.6 |
| 50°   | 930.0  | 964.6  | 1006.6 | 1078.7 | 1191.4 | 1253.0 | 1332.6 | 1505.4 | 1682.7 | 1792.4 | 1718.8 |
| 52.5° | 848.9  | 880.4  | 924.0  | 987.1  | 1092.3 | 1164.4 | 1233.5 | 1406.3 | 1555.0 | 1628.6 | 1493.4 |
| 55°   | 769.2  | 796.3  | 841.4  | 912.0  | 1003.6 | 1059.2 | 1129.8 | 1290.6 | 1421.3 | 1422.8 | 1275.5 |
| 57.5° | 691.1  | 715.1  | 752.7  | 815.8  | 901.4  | 966.1  | 1030.7 | 1170.4 | 1259.0 | 1233.5 | 1069.7 |
| 60°   | 622.0  | 637.0  | 671.6  | 733.2  | 812.8  | 859.4  | 928.5  | 1045.7 | 1104.3 | 1057.7 | 881.9  |
| 62.5° | 549.9  | 564.9  | 592.0  | 641.5  | 716.7  | 766.2  | 809.8  | 906.0  | 946.5  | 875.9  | 731.7  |
| 65°   | 477.8  | 495.8  | 515.3  | 554.4  | 625.0  | 658.1  | 697.1  | 767.7  | 806.8  | 724.2  | 599.5  |
| 67.5° | 414.7  | 423.7  | 443.2  | 483.8  | 533.4  | 563.4  | 590.4  | 638.5  | 646.0  | 579.9  | 477.8  |
| 70°   | 356.1  | 359.1  | 377.1  | 401.1  | 438.7  | 456.7  | 479.3  | 507.8  | 507.8  | 453.7  | 372.6  |
| 72.5° | 290.0  | 294.5  | 308.0  | 333.5  | 356.1  | 365.1  | 372.6  | 390.6  | 387.6  | 338.0  | 282.5  |
| 75°   | 232.9  | 235.9  | 246.4  | 258.4  | 267.4  | 284.0  | 290.0  | 287.0  | 285.5  | 243.4  | 211.8  |
| 77.5° | 180.3  | 181.8  | 189.3  | 199.8  | 201.3  | 207.3  | 202.8  | 202.8  | 189.3  | 165.3  | 148.7  |
| 80°   | 132.2  | 133.7  | 136.7  | 139.7  | 139.7  | 139.7  | 139.7  | 132.2  | 123.2  | 108.2  | 103.7  |
| 82.5° | 88.6   | 88.6   | 90.1   | 93.1   | 91.6   | 88.6   | 85.6   | 78.1   | 72.1   | 67.6   | 64.6   |
| 85°   | 52.6   | 52.6   | 54.1   | 52.6   | 46.6   | 45.1   | 42.1   | 40.6   | 39.1   | 37.6   | 37.6   |
| 87.5° | 25.5   | 24.0   | 21.0   | 18.0   | 18.0   | 18.0   | 18.0   | 18.0   | 18.0   | 16.5   | 16.5   |
| 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):**

|       | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1829.9 | 1829.9 | 1829.9 | 1829.9 | 1829.9 | 1829.9 | 1829.9 | 1829.9 | 1829.9 | 1829.9 | 1829.9 |
| 2.5°  | 1909.6 | 1920.1 | 1929.1 | 1924.6 | 1942.6 | 1941.1 | 1944.1 | 1950.1 | 1951.6 | 1948.6 | 1942.6 |
| 5°    | 2013.2 | 2028.3 | 2053.8 | 2067.3 | 2064.3 | 2076.3 | 2082.3 | 2091.4 | 2100.4 | 2097.4 | 2097.4 |
| 7.5°  | 2128.9 | 2150.0 | 2175.5 | 2210.1 | 2214.6 | 2225.1 | 2243.1 | 2243.1 | 2253.6 | 2249.1 | 2247.6 |
| 10°   | 2229.6 | 2255.1 | 2295.7 | 2322.7 | 2334.8 | 2340.8 | 2358.8 | 2364.8 | 2376.8 | 2378.3 | 2378.3 |
| 12.5° | 2312.2 | 2357.3 | 2384.3 | 2411.4 | 2417.4 | 2426.4 | 2439.9 | 2448.9 | 2453.4 | 2453.4 | 2448.9 |
| 15°   | 2355.8 | 2391.8 | 2423.4 | 2451.9 | 2468.5 | 2476.0 | 2489.5 | 2500.0 | 2506.0 | 2519.5 | 2522.6 |
| 17.5° | 2373.8 | 2417.4 | 2468.5 | 2509.0 | 2537.6 | 2545.1 | 2572.1 | 2581.1 | 2593.2 | 2599.2 | 2606.7 |
| 20°   | 2399.4 | 2462.5 | 2524.1 | 2573.6 | 2600.7 | 2620.2 | 2648.8 | 2690.8 | 2702.8 | 2702.8 | 2698.3 |
| 22.5° | 2421.9 | 2503.0 | 2587.2 | 2666.8 | 2689.3 | 2728.4 | 2781.0 | 2826.0 | 2844.1 | 2851.6 | 2845.6 |
| 25°   | 2448.9 | 2560.1 | 2669.8 | 2768.9 | 2830.5 | 2859.1 | 2929.7 | 2983.8 | 3004.8 | 3016.8 | 3019.9 |
| 27.5° | 2495.5 | 2635.2 | 2775.0 | 2901.2 | 2964.3 | 2997.3 | 3070.9 | 3117.5 | 3143.1 | 3153.6 | 3146.1 |
| 30°   | 2548.1 | 2719.4 | 2881.6 | 2994.3 | 3036.4 | 3076.9 | 3125.0 | 3143.1 | 3137.0 | 3137.0 | 3159.6 |
| 32.5° | 2602.2 | 2779.5 | 2923.7 | 2997.3 | 3012.3 | 3006.3 | 2986.8 | 2932.7 | 2901.2 | 2901.2 | 2920.7 |
| 35°   | 2632.2 | 2785.5 | 2859.1 | 2835.1 | 2776.5 | 2741.9 | 2635.2 | 2575.1 | 2507.5 | 2503.0 | 2525.6 |
| 37.5° | 2615.7 | 2681.8 | 2651.8 | 2494.0 | 2414.4 | 2348.3 | 2181.5 | 2115.4 | 2065.8 | 1996.7 | 2103.4 |
| 40°   | 2500.0 | 2477.5 | 2321.2 | 2094.4 | 2005.7 | 1912.6 | 1780.4 | 1714.3 | 1645.1 | 1634.6 | 1660.2 |
| 42.5° | 2304.7 | 2171.0 | 1942.6 | 1723.3 | 1633.1 | 1567.0 | 1466.4 | 1401.8 | 1358.2 | 1340.2 | 1370.2 |
| 45°   | 2061.3 | 1851.0 | 1622.6 | 1448.3 | 1349.2 | 1314.6 | 1223.0 | 1165.9 | 1132.8 | 1119.3 | 1140.3 |
| 47.5° | 1763.8 | 1552.0 | 1335.6 | 1188.4 | 1129.8 | 1095.3 | 1033.7 | 984.1  | 955.5  | 946.5  | 955.5  |
| 50°   | 1497.9 | 1280.1 | 1098.3 | 1003.6 | 951.0  | 922.5  | 871.4  | 839.8  | 817.3  | 811.3  | 826.3  |
| 52.5° | 1268.0 | 1069.7 | 931.5  | 847.4  | 812.8  | 788.8  | 752.7  | 725.7  | 712.1  | 706.1  | 716.7  |
| 55°   | 1062.2 | 901.4  | 790.3  | 718.2  | 692.6  | 677.6  | 646.0  | 631.0  | 616.0  | 614.5  | 625.0  |
| 57.5° | 880.4  | 769.2  | 667.1  | 616.0  | 608.5  | 585.9  | 558.9  | 545.4  | 537.9  | 536.4  | 540.9  |
| 60°   | 733.2  | 634.0  | 572.4  | 527.3  | 516.8  | 498.8  | 483.8  | 474.8  | 465.7  | 462.7  | 465.7  |
| 62.5° | 610.0  | 531.9  | 482.3  | 452.2  | 437.2  | 432.7  | 416.2  | 405.7  | 404.1  | 404.1  | 407.2  |
| 65°   | 503.3  | 437.2  | 405.7  | 381.6  | 371.1  | 366.6  | 354.6  | 347.1  | 348.6  | 348.6  | 350.1  |
| 67.5° | 410.2  | 362.1  | 333.5  | 321.5  | 312.5  | 311.0  | 299.0  | 296.0  | 293.0  | 293.0  | 296.0  |
| 70°   | 326.0  | 296.0  | 274.9  | 268.9  | 267.4  | 256.9  | 252.4  | 250.9  | 246.4  | 247.9  | 247.9  |
| 72.5° | 255.4  | 235.9  | 223.9  | 214.8  | 216.3  | 210.3  | 204.3  | 204.3  | 201.3  | 205.8  | 205.8  |
| 75°   | 189.3  | 180.3  | 171.3  | 168.3  | 171.3  | 168.3  | 163.8  | 162.3  | 163.8  | 162.3  | 162.3  |
| 77.5° | 139.7  | 135.2  | 132.2  | 130.7  | 130.7  | 124.7  | 121.7  | 124.7  | 118.7  | 121.7  | 121.7  |
| 80°   | 97.7   | 91.6   | 90.1   | 87.1   | 88.6   | 84.1   | 85.6   | 82.6   | 82.6   | 82.6   | 82.6   |
| 82.5° | 61.6   | 60.1   | 60.1   | 60.1   | 58.6   | 58.6   | 58.6   | 58.6   | 58.6   | 58.6   | 57.1   |
| 85°   | 37.6   | 36.1   | 36.1   | 36.1   | 34.6   | 34.6   | 34.6   | 34.6   | 34.6   | 34.6   | 34.6   |
| 87.5° | 15.0   | 16.5   | 16.5   | 18.0   | 16.5   | 15.0   | 15.0   | 15.0   | 16.5   | 16.5   | 15.0   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

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**CANDELA DISTRIBUTION (continued):**

|       | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1829.9 | 1829.9 | 1829.9 | 1829.9 | 1829.9 | 1829.9 | 1829.9 | 1829.9 | 1829.9 | 1829.9 | 1829.9 |
| 2.5°  | 1950.1 | 1939.6 | 1944.1 | 1939.6 | 1935.1 | 1930.6 | 1920.1 | 1905.1 | 1893.0 | 1884.0 | 1882.5 |
| 5°    | 2100.4 | 2086.9 | 2077.8 | 2073.3 | 2064.3 | 2052.3 | 2032.8 | 2010.2 | 1983.2 | 1972.7 | 1951.6 |
| 7.5°  | 2238.6 | 2234.1 | 2213.1 | 2210.1 | 2204.0 | 2181.5 | 2148.5 | 2118.4 | 2083.8 | 2055.3 | 2028.3 |
| 10°   | 2369.3 | 2358.8 | 2343.8 | 2322.7 | 2319.7 | 2291.2 | 2259.6 | 2217.6 | 2172.5 | 2145.4 | 2097.4 |
| 12.5° | 2450.4 | 2438.4 | 2421.9 | 2408.4 | 2400.9 | 2382.8 | 2339.3 | 2297.2 | 2256.6 | 2207.0 | 2165.0 |
| 15°   | 2509.0 | 2494.0 | 2464.0 | 2453.4 | 2444.4 | 2420.4 | 2388.8 | 2345.3 | 2291.2 | 2256.6 | 2196.5 |
| 17.5° | 2588.7 | 2570.6 | 2540.6 | 2521.1 | 2504.5 | 2467.0 | 2421.9 | 2363.3 | 2312.2 | 2273.2 | 2219.1 |
| 20°   | 2680.3 | 2653.3 | 2614.2 | 2588.7 | 2564.6 | 2521.1 | 2458.0 | 2388.8 | 2315.2 | 2267.1 | 2211.6 |
| 22.5° | 2832.1 | 2781.0 | 2719.4 | 2683.3 | 2650.3 | 2575.1 | 2500.0 | 2414.4 | 2331.7 | 2259.6 | 2192.0 |
| 25°   | 2979.3 | 2928.2 | 2851.6 | 2802.0 | 2750.9 | 2663.8 | 2564.6 | 2445.9 | 2340.8 | 2256.6 | 2168.0 |
| 27.5° | 3116.0 | 3063.4 | 2992.8 | 2932.7 | 2883.1 | 2752.4 | 2621.7 | 2488.0 | 2354.3 | 2238.6 | 2148.5 |
| 30°   | 3147.6 | 3125.0 | 3070.9 | 3018.4 | 2973.3 | 2853.1 | 2701.3 | 2531.6 | 2370.8 | 2222.1 | 2121.4 |
| 32.5° | 2956.8 | 3012.3 | 3025.9 | 3018.4 | 2989.8 | 2904.2 | 2764.4 | 2585.7 | 2394.8 | 2214.6 | 2076.3 |
| 35°   | 2560.1 | 2660.8 | 2764.4 | 2820.0 | 2847.1 | 2859.1 | 2776.5 | 2612.7 | 2411.4 | 2202.5 | 2046.3 |
| 37.5° | 2122.9 | 2220.6 | 2384.3 | 2467.0 | 2558.6 | 2678.8 | 2711.9 | 2606.7 | 2403.9 | 2193.5 | 1998.2 |
| 40°   | 1744.3 | 1869.0 | 2004.2 | 2079.3 | 2159.0 | 2375.3 | 2539.1 | 2527.1 | 2379.8 | 2160.5 | 1960.7 |
| 42.5° | 1419.8 | 1497.9 | 1616.6 | 1699.2 | 1796.9 | 2038.8 | 2258.1 | 2366.3 | 2307.7 | 2119.9 | 1912.6 |
| 45°   | 1183.9 | 1244.0 | 1328.1 | 1412.3 | 1472.4 | 1691.7 | 1951.6 | 2128.9 | 2184.5 | 2047.8 | 1839.0 |
| 47.5° | 997.6  | 1042.7 | 1116.3 | 1168.9 | 1233.5 | 1406.3 | 1631.6 | 1881.0 | 1998.2 | 1945.6 | 1760.8 |
| 50°   | 854.9  | 890.9  | 949.5  | 982.6  | 1039.7 | 1188.4 | 1359.7 | 1621.1 | 1798.4 | 1804.4 | 1657.2 |
| 52.5° | 730.2  | 766.2  | 815.8  | 844.4  | 878.9  | 979.6  | 1152.4 | 1373.2 | 1577.5 | 1652.7 | 1538.5 |
| 55°   | 635.5  | 656.6  | 697.1  | 719.7  | 751.2  | 848.9  | 958.5  | 1146.3 | 1359.7 | 1482.9 | 1410.8 |
| 57.5° | 548.4  | 570.9  | 596.5  | 614.5  | 637.0  | 715.1  | 814.3  | 955.5  | 1167.4 | 1301.1 | 1277.1 |
| 60°   | 477.8  | 491.3  | 515.3  | 528.8  | 549.9  | 601.0  | 670.1  | 811.3  | 979.6  | 1105.8 | 1119.3 |
| 62.5° | 411.7  | 423.7  | 440.2  | 452.2  | 465.7  | 506.3  | 557.4  | 658.1  | 805.3  | 942.0  | 960.0  |
| 65°   | 354.6  | 365.1  | 374.1  | 384.6  | 395.1  | 420.7  | 464.2  | 542.4  | 656.6  | 784.3  | 823.3  |
| 67.5° | 303.5  | 306.5  | 320.0  | 321.5  | 327.5  | 347.1  | 378.6  | 441.7  | 524.3  | 626.5  | 677.6  |
| 70°   | 253.9  | 259.9  | 262.9  | 267.4  | 273.4  | 287.0  | 312.5  | 345.6  | 407.2  | 489.8  | 537.9  |
| 72.5° | 205.8  | 207.3  | 211.8  | 214.8  | 220.9  | 231.4  | 243.4  | 268.9  | 308.0  | 368.1  | 411.7  |
| 75°   | 163.8  | 165.3  | 168.3  | 169.8  | 174.3  | 177.3  | 183.3  | 201.3  | 228.4  | 264.4  | 296.0  |
| 77.5° | 123.2  | 126.2  | 129.2  | 129.2  | 130.7  | 133.7  | 136.7  | 142.7  | 156.3  | 180.3  | 207.3  |
| 80°   | 84.1   | 85.6   | 85.6   | 87.1   | 85.6   | 90.1   | 94.7   | 102.2  | 108.2  | 115.7  | 129.2  |
| 82.5° | 58.6   | 58.6   | 58.6   | 60.1   | 60.1   | 61.6   | 61.6   | 63.1   | 64.6   | 69.1   | 75.1   |
| 85°   | 36.1   | 36.1   | 37.6   | 34.6   | 36.1   | 37.6   | 37.6   | 36.1   | 37.6   | 39.1   | 40.6   |
| 87.5° | 15.0   | 15.0   | 16.5   | 16.5   | 16.5   | 16.5   | 15.0   | 16.5   | 15.0   | 16.5   | 16.5   |
| 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°    | 1829.9 | 1829.9 | 1829.9 | 1829.9 | 1829.9 | 1829.9 | 1829.9 | 1829.9 | 1829.9 | 1829.9 | 1829.9 |
| 2.5°  | 1878.0 | 1869.0 | 1863.0 | 1861.5 | 1852.5 | 1845.0 | 1836.0 | 1834.4 | 1829.9 | 1817.9 | 1810.4 |
| 5°    | 1936.6 | 1915.6 | 1911.1 | 1897.5 | 1875.0 | 1858.5 | 1837.5 | 1825.4 | 1811.9 | 1789.4 | 1771.3 |
| 7.5°  | 1996.7 | 1968.2 | 1947.1 | 1927.6 | 1896.0 | 1866.0 | 1836.0 | 1811.9 | 1787.9 | 1754.8 | 1727.8 |
| 10°   | 2055.3 | 2011.7 | 1986.2 | 1957.6 | 1914.1 | 1869.0 | 1826.9 | 1792.4 | 1753.3 | 1714.3 | 1675.2 |
| 12.5° | 2109.4 | 2053.8 | 2016.2 | 1975.7 | 1921.6 | 1866.0 | 1811.9 | 1763.8 | 1723.3 | 1670.7 | 1627.1 |
| 15°   | 2142.4 | 2080.8 | 2043.3 | 2004.2 | 1923.1 | 1861.5 | 1798.4 | 1736.8 | 1682.7 | 1627.1 | 1586.5 |
| 17.5° | 2162.0 | 2092.9 | 2050.8 | 2014.7 | 1932.1 | 1848.0 | 1766.8 | 1700.7 | 1642.1 | 1576.0 | 1521.9 |
| 20°   | 2153.0 | 2085.4 | 2046.3 | 2011.7 | 1915.6 | 1831.4 | 1744.3 | 1667.7 | 1594.1 | 1526.5 | 1469.4 |
| 22.5° | 2133.4 | 2062.8 | 2019.2 | 1987.7 | 1902.1 | 1802.9 | 1706.7 | 1624.1 | 1547.5 | 1479.9 | 1415.3 |
| 25°   | 2091.4 | 2022.2 | 1984.7 | 1945.6 | 1861.5 | 1766.8 | 1669.2 | 1580.5 | 1499.4 | 1427.3 | 1355.2 |
| 27.5° | 2053.8 | 1969.7 | 1930.6 | 1896.0 | 1807.4 | 1723.3 | 1627.1 | 1529.5 | 1446.8 | 1371.7 | 1299.6 |
| 30°   | 2010.2 | 1915.6 | 1873.5 | 1826.9 | 1747.3 | 1667.7 | 1571.5 | 1481.4 | 1395.7 | 1316.1 | 1247.0 |
| 32.5° | 1963.7 | 1854.0 | 1805.9 | 1753.3 | 1672.2 | 1597.1 | 1515.9 | 1427.3 | 1341.7 | 1263.5 | 1191.4 |
| 35°   | 1903.6 | 1786.4 | 1730.8 | 1681.2 | 1597.1 | 1521.9 | 1446.8 | 1373.2 | 1287.6 | 1204.9 | 1135.8 |
| 37.5° | 1846.5 | 1717.3 | 1658.7 | 1601.6 | 1512.9 | 1440.8 | 1379.2 | 1310.1 | 1227.5 | 1147.8 | 1081.7 |
| 40°   | 1781.9 | 1633.1 | 1573.0 | 1520.4 | 1428.8 | 1349.2 | 1293.6 | 1239.5 | 1167.4 | 1090.8 | 1018.6 |
| 42.5° | 1723.3 | 1555.0 | 1491.9 | 1437.8 | 1341.7 | 1266.5 | 1214.0 | 1168.9 | 1105.8 | 1035.2 | 961.5  |
| 45°   | 1642.1 | 1470.9 | 1406.3 | 1349.2 | 1251.5 | 1180.9 | 1126.8 | 1087.7 | 1038.2 | 972.1  | 906.0  |
| 47.5° | 1567.0 | 1389.7 | 1319.1 | 1250.0 | 1161.4 | 1089.3 | 1039.7 | 1009.6 | 976.6  | 918.0  | 850.4  |
| 50°   | 1475.4 | 1296.6 | 1224.5 | 1167.4 | 1066.7 | 1005.1 | 955.5  | 934.5  | 904.5  | 848.9  | 794.8  |
| 52.5° | 1376.2 | 1206.4 | 1138.8 | 1069.7 | 976.6  | 916.5  | 872.9  | 848.9  | 824.8  | 784.3  | 733.2  |
| 55°   | 1260.5 | 1105.8 | 1042.7 | 981.1  | 887.9  | 832.3  | 793.3  | 767.7  | 754.2  | 716.7  | 679.1  |
| 57.5° | 1149.3 | 1003.6 | 945.0  | 887.9  | 806.8  | 743.7  | 718.2  | 695.6  | 676.1  | 649.0  | 617.5  |
| 60°   | 1036.7 | 904.5  | 841.4  | 790.3  | 719.7  | 662.6  | 641.5  | 619.0  | 604.0  | 582.9  | 560.4  |
| 62.5° | 907.5  | 794.8  | 746.7  | 698.6  | 638.5  | 593.5  | 569.4  | 551.4  | 531.9  | 518.3  | 498.8  |
| 65°   | 770.7  | 691.1  | 644.5  | 608.5  | 551.4  | 510.8  | 492.8  | 480.8  | 464.2  | 450.7  | 435.7  |
| 67.5° | 643.0  | 579.9  | 560.4  | 521.3  | 477.8  | 441.7  | 428.2  | 413.2  | 399.6  | 392.1  | 378.6  |
| 70°   | 519.8  | 474.8  | 455.2  | 444.7  | 396.6  | 372.6  | 360.6  | 354.6  | 338.0  | 330.5  | 321.5  |
| 72.5° | 402.6  | 386.1  | 372.6  | 359.1  | 327.5  | 312.5  | 299.0  | 293.0  | 281.0  | 274.9  | 271.9  |
| 75°   | 297.5  | 287.0  | 279.4  | 277.9  | 264.4  | 249.4  | 235.9  | 232.9  | 223.9  | 217.9  | 214.8  |
| 77.5° | 208.8  | 205.8  | 204.3  | 205.8  | 196.8  | 187.8  | 184.8  | 181.8  | 171.3  | 169.8  | 169.8  |
| 80°   | 136.7  | 144.2  | 144.2  | 142.7  | 139.7  | 138.2  | 133.7  | 130.7  | 124.7  | 123.2  | 124.7  |
| 82.5° | 84.1   | 88.6   | 90.1   | 93.1   | 91.6   | 90.1   | 87.1   | 85.6   | 87.1   | 84.1   | 85.6   |
| 85°   | 42.1   | 45.1   | 51.1   | 51.1   | 52.6   | 52.6   | 52.6   | 51.1   | 48.1   | 49.6   | 48.1   |
| 87.5° | 16.5   | 18.0   | 18.0   | 18.0   | 16.5   | 21.0   | 22.5   | 22.5   | 22.5   | 19.5   | 19.5   |
| 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°    | 1829.9 | 1829.9 | 1829.9 | 1829.9 | 1829.9 | 1829.9 | 1829.9 | 1829.9 | 1829.9 | 1829.9 | 1829.9 |
| 2.5°  | 1805.9 | 1799.9 | 1795.4 | 1790.9 | 1771.3 | 1750.3 | 1747.3 | 1742.8 | 1733.8 | 1744.3 | 1739.8 |
| 5°    | 1759.3 | 1745.8 | 1738.3 | 1718.8 | 1694.7 | 1676.7 | 1661.7 | 1643.6 | 1636.1 | 1630.1 | 1628.6 |
| 7.5°  | 1702.2 | 1690.2 | 1676.7 | 1657.2 | 1627.1 | 1597.1 | 1574.5 | 1556.5 | 1541.5 | 1534.0 | 1534.0 |
| 10°   | 1646.6 | 1631.6 | 1613.6 | 1580.5 | 1552.0 | 1514.4 | 1490.4 | 1472.4 | 1451.3 | 1439.3 | 1428.8 |
| 12.5° | 1589.6 | 1573.0 | 1556.5 | 1514.4 | 1481.4 | 1442.3 | 1407.8 | 1385.2 | 1374.7 | 1361.2 | 1343.2 |
| 15°   | 1532.5 | 1506.9 | 1490.4 | 1448.3 | 1406.3 | 1367.2 | 1344.7 | 1320.6 | 1296.6 | 1283.1 | 1277.1 |
| 17.5° | 1472.4 | 1454.3 | 1427.3 | 1382.2 | 1335.6 | 1301.1 | 1268.0 | 1245.5 | 1217.0 | 1203.4 | 1189.9 |
| 20°   | 1418.3 | 1391.2 | 1364.2 | 1319.1 | 1274.0 | 1227.5 | 1194.4 | 1167.4 | 1149.3 | 1138.8 | 1126.8 |
| 22.5° | 1353.7 | 1328.1 | 1305.6 | 1257.5 | 1207.9 | 1164.4 | 1128.3 | 1111.8 | 1093.8 | 1077.2 | 1065.2 |
| 25°   | 1298.1 | 1272.5 | 1250.0 | 1197.4 | 1143.3 | 1102.8 | 1075.7 | 1054.7 | 1035.2 | 1027.7 | 1015.6 |
| 27.5° | 1239.5 | 1215.5 | 1185.4 | 1132.8 | 1084.7 | 1050.2 | 1021.6 | 1002.1 | 987.1  | 972.1  | 963.0  |
| 30°   | 1183.9 | 1156.9 | 1129.8 | 1072.7 | 1033.7 | 999.1  | 972.1  | 948.0  | 936.0  | 928.5  | 913.5  |
| 32.5° | 1129.8 | 1095.3 | 1072.7 | 1020.1 | 982.6  | 949.5  | 927.0  | 906.0  | 890.9  | 877.4  | 865.4  |
| 35°   | 1071.2 | 1033.7 | 1011.1 | 967.6  | 928.5  | 895.4  | 875.9  | 860.9  | 842.9  | 830.8  | 824.8  |
| 37.5° | 1015.6 | 984.1  | 961.5  | 916.5  | 877.4  | 850.4  | 829.3  | 809.8  | 802.3  | 785.8  | 782.8  |
| 40°   | 955.5  | 928.5  | 907.5  | 863.9  | 827.8  | 806.8  | 784.3  | 766.2  | 752.7  | 745.2  | 734.7  |
| 42.5° | 901.4  | 878.9  | 856.4  | 815.8  | 781.3  | 755.7  | 739.2  | 722.7  | 710.6  | 698.6  | 691.1  |
| 45°   | 851.9  | 827.8  | 806.8  | 767.7  | 733.2  | 710.6  | 694.1  | 674.6  | 671.6  | 655.1  | 647.5  |
| 47.5° | 799.3  | 778.3  | 760.2  | 719.7  | 688.1  | 665.6  | 646.0  | 632.5  | 619.0  | 613.0  | 602.5  |
| 50°   | 748.2  | 727.2  | 706.1  | 670.1  | 641.5  | 619.0  | 599.5  | 584.4  | 576.9  | 567.9  | 558.9  |
| 52.5° | 692.6  | 676.1  | 659.6  | 622.0  | 593.5  | 573.9  | 557.4  | 537.9  | 530.4  | 522.8  | 516.8  |
| 55°   | 646.0  | 622.0  | 604.0  | 572.4  | 546.9  | 525.8  | 507.8  | 492.8  | 485.3  | 479.3  | 471.8  |
| 57.5° | 582.9  | 567.9  | 552.9  | 524.3  | 500.3  | 479.3  | 461.2  | 449.2  | 440.2  | 435.7  | 437.2  |
| 60°   | 528.8  | 512.3  | 503.3  | 473.3  | 449.2  | 432.7  | 416.2  | 404.1  | 395.1  | 390.6  | 389.1  |
| 62.5° | 471.8  | 459.7  | 443.2  | 422.2  | 398.1  | 383.1  | 371.1  | 362.1  | 347.1  | 345.6  | 341.0  |
| 65°   | 416.2  | 407.2  | 392.1  | 372.6  | 353.1  | 339.5  | 326.0  | 314.0  | 308.0  | 300.5  | 296.0  |
| 67.5° | 362.1  | 353.1  | 339.5  | 323.0  | 309.5  | 296.0  | 284.0  | 271.9  | 261.4  | 255.4  | 252.4  |
| 70°   | 309.5  | 302.0  | 293.0  | 273.4  | 256.9  | 246.4  | 237.4  | 229.9  | 219.4  | 216.3  | 214.8  |
| 72.5° | 258.4  | 250.9  | 246.4  | 229.9  | 214.8  | 205.8  | 196.8  | 189.3  | 184.8  | 183.3  | 178.8  |
| 75°   | 211.8  | 204.3  | 198.3  | 183.3  | 174.3  | 168.3  | 159.3  | 156.3  | 151.7  | 150.2  | 148.7  |
| 77.5° | 165.3  | 157.8  | 156.3  | 145.7  | 135.2  | 132.2  | 129.2  | 123.2  | 123.2  | 123.2  | 120.2  |
| 80°   | 118.7  | 117.2  | 115.7  | 105.2  | 100.7  | 97.7   | 96.2   | 91.6   | 88.6   | 85.6   | 84.1   |
| 82.5° | 79.6   | 78.1   | 76.6   | 72.1   | 67.6   | 66.1   | 64.6   | 61.6   | 61.6   | 63.1   | 60.1   |
| 85°   | 48.1   | 45.1   | 43.6   | 42.1   | 39.1   | 39.1   | 40.6   | 39.1   | 39.1   | 39.1   | 37.6   |
| 87.5° | 18.0   | 18.0   | 18.0   | 18.0   | 19.5   | 16.5   | 18.0   | 18.0   | 16.5   | 16.5   | 15.0   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

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**CANDELA DISTRIBUTION (continued):**

|       | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1829.9 | 1829.9 | 1829.9 | 1829.9 | 1829.9 | 1829.9 | 1829.9 | 1829.9 | 1829.9 | 1829.9 | 1829.9 |
| 2.5°  | 1732.3 | 1735.3 | 1727.8 | 1724.8 | 1718.8 | 1726.3 | 1727.8 | 1726.3 | 1739.8 | 1733.8 | 1736.8 |
| 5°    | 1631.6 | 1625.6 | 1621.1 | 1610.6 | 1610.6 | 1612.1 | 1616.6 | 1609.1 | 1613.6 | 1624.1 | 1622.6 |
| 7.5°  | 1520.4 | 1517.4 | 1518.9 | 1506.9 | 1497.9 | 1500.9 | 1497.9 | 1511.4 | 1518.9 | 1515.9 | 1521.9 |
| 10°   | 1419.8 | 1425.8 | 1412.3 | 1406.3 | 1400.3 | 1406.3 | 1404.8 | 1407.8 | 1416.8 | 1422.8 | 1433.3 |
| 12.5° | 1338.7 | 1337.1 | 1329.6 | 1323.6 | 1313.1 | 1316.1 | 1325.1 | 1322.1 | 1323.6 | 1337.1 | 1335.6 |
| 15°   | 1262.0 | 1253.0 | 1247.0 | 1233.5 | 1236.5 | 1226.0 | 1235.0 | 1245.5 | 1250.0 | 1262.0 | 1269.5 |
| 17.5° | 1185.4 | 1183.9 | 1176.4 | 1174.9 | 1158.4 | 1153.9 | 1162.9 | 1165.9 | 1170.4 | 1176.4 | 1186.9 |
| 20°   | 1120.8 | 1119.3 | 1108.8 | 1105.8 | 1092.3 | 1101.3 | 1098.3 | 1104.3 | 1107.3 | 1119.3 | 1123.8 |
| 22.5° | 1062.2 | 1054.7 | 1051.7 | 1047.2 | 1042.7 | 1041.2 | 1047.2 | 1045.7 | 1056.2 | 1060.7 | 1062.2 |
| 25°   | 1008.1 | 1002.1 | 1000.6 | 993.1  | 990.1  | 985.6  | 990.1  | 994.6  | 1006.6 | 1011.1 | 1017.1 |
| 27.5° | 958.5  | 954.0  | 951.0  | 945.0  | 940.5  | 940.5  | 943.5  | 949.5  | 954.0  | 957.0  | 960.0  |
| 30°   | 913.5  | 910.5  | 901.4  | 898.4  | 893.9  | 893.9  | 893.9  | 896.9  | 904.5  | 913.5  | 918.0  |
| 32.5° | 866.9  | 860.9  | 854.9  | 854.9  | 850.4  | 850.4  | 851.9  | 854.9  | 862.4  | 863.9  | 871.4  |
| 35°   | 821.8  | 815.8  | 811.3  | 808.3  | 809.8  | 803.8  | 806.8  | 811.3  | 820.3  | 823.3  | 827.8  |
| 37.5° | 778.3  | 776.7  | 767.7  | 763.2  | 766.2  | 766.2  | 764.7  | 767.7  | 773.7  | 779.8  | 782.8  |
| 40°   | 730.2  | 727.2  | 727.2  | 722.7  | 724.2  | 718.2  | 722.7  | 725.7  | 728.7  | 734.7  | 739.2  |
| 42.5° | 688.1  | 685.1  | 679.1  | 680.6  | 676.1  | 676.1  | 679.1  | 680.6  | 685.1  | 692.6  | 695.6  |
| 45°   | 643.0  | 643.0  | 640.0  | 635.5  | 637.0  | 632.5  | 635.5  | 637.0  | 643.0  | 650.5  | 647.5  |
| 47.5° | 599.5  | 598.0  | 598.0  | 592.0  | 595.0  | 590.4  | 595.0  | 596.5  | 599.5  | 604.0  | 602.5  |
| 50°   | 557.4  | 552.9  | 554.4  | 552.9  | 551.4  | 551.4  | 554.4  | 554.4  | 557.4  | 557.4  | 561.9  |
| 52.5° | 513.8  | 513.8  | 510.8  | 512.3  | 515.3  | 512.3  | 516.8  | 512.3  | 515.3  | 516.8  | 519.8  |
| 55°   | 474.8  | 471.8  | 473.3  | 471.8  | 477.8  | 473.3  | 477.8  | 474.8  | 477.8  | 476.3  | 479.3  |
| 57.5° | 432.7  | 428.2  | 429.7  | 428.2  | 432.7  | 431.2  | 435.7  | 431.2  | 432.7  | 434.2  | 438.7  |
| 60°   | 384.6  | 384.6  | 384.6  | 381.6  | 386.1  | 386.1  | 384.6  | 384.6  | 390.6  | 393.6  | 392.1  |
| 62.5° | 339.5  | 338.0  | 333.5  | 332.0  | 333.5  | 330.5  | 336.5  | 335.0  | 338.0  | 341.0  | 344.1  |
| 65°   | 290.0  | 287.0  | 285.5  | 282.5  | 282.5  | 281.0  | 282.5  | 288.5  | 290.0  | 291.5  | 299.0  |
| 67.5° | 249.4  | 247.9  | 246.4  | 241.9  | 241.9  | 244.9  | 244.9  | 244.9  | 253.9  | 249.4  | 255.4  |
| 70°   | 213.3  | 210.3  | 207.3  | 205.8  | 205.8  | 207.3  | 208.8  | 210.3  | 208.8  | 214.8  | 216.3  |
| 72.5° | 178.8  | 180.3  | 177.3  | 177.3  | 177.3  | 175.8  | 175.8  | 178.8  | 180.3  | 178.8  | 180.3  |
| 75°   | 148.7  | 148.7  | 147.2  | 148.7  | 148.7  | 147.2  | 147.2  | 150.2  | 150.2  | 148.7  | 153.2  |
| 77.5° | 120.2  | 118.7  | 115.7  | 112.7  | 114.2  | 112.7  | 114.2  | 112.7  | 117.2  | 121.7  | 118.7  |
| 80°   | 84.1   | 82.6   | 82.6   | 82.6   | 84.1   | 82.6   | 85.6   | 82.6   | 84.1   | 84.1   | 85.6   |
| 82.5° | 60.1   | 61.6   | 61.6   | 60.1   | 61.6   | 60.1   | 61.6   | 61.6   | 61.6   | 60.1   | 61.6   |
| 85°   | 39.1   | 39.1   | 39.1   | 39.1   | 37.6   | 39.1   | 39.1   | 39.1   | 40.6   | 39.1   | 40.6   |
| 87.5° | 16.5   | 16.5   | 16.5   | 16.5   | 16.5   | 16.5   | 16.5   | 16.5   | 18.0   | 16.5   | 18.0   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

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**CANDELA DISTRIBUTION (continued):**

|       | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 337.5° | 340°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1829.9 | 1829.9 | 1829.9 | 1829.9 | 1829.9 | 1829.9 | 1829.9 | 1829.9 | 1829.9 | 1829.9 | 1829.9 |
| 2.5°  | 1730.8 | 1738.3 | 1732.3 | 1727.8 | 1739.8 | 1745.8 | 1745.8 | 1756.3 | 1766.8 | 1775.9 | 1777.4 |
| 5°    | 1624.1 | 1636.1 | 1639.1 | 1637.6 | 1655.7 | 1664.7 | 1684.2 | 1694.7 | 1709.7 | 1720.3 | 1732.3 |
| 7.5°  | 1526.5 | 1543.0 | 1544.5 | 1547.5 | 1574.5 | 1589.6 | 1606.1 | 1633.1 | 1654.2 | 1669.2 | 1682.7 |
| 10°   | 1428.8 | 1439.3 | 1449.8 | 1463.4 | 1490.4 | 1515.9 | 1540.0 | 1568.5 | 1595.6 | 1610.6 | 1630.1 |
| 12.5° | 1355.2 | 1362.7 | 1374.7 | 1383.7 | 1412.3 | 1434.8 | 1466.4 | 1505.4 | 1544.5 | 1556.5 | 1580.5 |
| 15°   | 1278.6 | 1283.1 | 1307.1 | 1316.1 | 1340.2 | 1377.7 | 1397.2 | 1434.8 | 1476.9 | 1499.4 | 1526.5 |
| 17.5° | 1189.9 | 1217.0 | 1232.0 | 1242.5 | 1272.5 | 1302.6 | 1334.1 | 1373.2 | 1427.3 | 1448.3 | 1467.9 |
| 20°   | 1126.8 | 1146.3 | 1162.9 | 1176.4 | 1203.4 | 1248.5 | 1277.1 | 1308.6 | 1359.7 | 1383.7 | 1412.3 |
| 22.5° | 1071.2 | 1087.7 | 1102.8 | 1117.8 | 1135.8 | 1176.4 | 1209.4 | 1253.0 | 1304.1 | 1326.6 | 1359.7 |
| 25°   | 1018.6 | 1035.2 | 1044.2 | 1062.2 | 1086.2 | 1114.8 | 1153.9 | 1192.9 | 1244.0 | 1269.5 | 1301.1 |
| 27.5° | 967.6  | 984.1  | 1000.6 | 1015.6 | 1032.2 | 1059.2 | 1086.2 | 1135.8 | 1188.4 | 1218.5 | 1245.5 |
| 30°   | 924.0  | 931.5  | 946.5  | 963.0  | 979.6  | 1005.1 | 1036.7 | 1071.2 | 1131.3 | 1158.4 | 1191.4 |
| 32.5° | 875.9  | 889.4  | 899.9  | 912.0  | 933.0  | 954.0  | 982.6  | 1026.1 | 1074.2 | 1099.8 | 1135.8 |
| 35°   | 830.8  | 842.9  | 850.4  | 871.4  | 884.9  | 907.5  | 936.0  | 975.1  | 1015.6 | 1044.2 | 1075.7 |
| 37.5° | 787.3  | 799.3  | 808.3  | 820.3  | 838.3  | 857.9  | 887.9  | 916.5  | 964.6  | 988.6  | 1024.6 |
| 40°   | 742.2  | 752.7  | 763.2  | 776.7  | 793.3  | 817.3  | 835.3  | 871.4  | 910.5  | 937.5  | 964.6  |
| 42.5° | 698.6  | 704.6  | 716.7  | 731.7  | 748.2  | 769.2  | 794.8  | 823.3  | 862.4  | 886.4  | 910.5  |
| 45°   | 652.0  | 662.6  | 676.1  | 686.6  | 701.6  | 722.7  | 745.2  | 770.7  | 809.8  | 833.8  | 859.4  |
| 47.5° | 608.5  | 616.0  | 625.0  | 641.5  | 661.1  | 676.1  | 700.1  | 724.2  | 760.2  | 782.8  | 806.8  |
| 50°   | 563.4  | 570.9  | 584.4  | 595.0  | 610.0  | 629.5  | 652.0  | 677.6  | 712.1  | 727.2  | 751.2  |
| 52.5° | 521.3  | 524.3  | 537.9  | 548.4  | 563.4  | 585.9  | 604.0  | 626.5  | 659.6  | 676.1  | 700.1  |
| 55°   | 479.3  | 482.3  | 489.8  | 500.3  | 516.8  | 534.9  | 554.4  | 579.9  | 608.5  | 623.5  | 646.0  |
| 57.5° | 435.7  | 438.7  | 446.2  | 453.7  | 470.3  | 486.8  | 509.3  | 530.4  | 558.9  | 572.4  | 593.5  |
| 60°   | 392.1  | 392.1  | 399.6  | 410.2  | 422.2  | 437.2  | 456.7  | 482.3  | 503.3  | 519.8  | 534.9  |
| 62.5° | 345.6  | 350.1  | 354.6  | 362.1  | 375.6  | 393.6  | 410.2  | 428.2  | 453.7  | 465.7  | 479.3  |
| 65°   | 299.0  | 303.5  | 312.5  | 320.0  | 330.5  | 342.6  | 363.6  | 378.6  | 398.1  | 411.7  | 423.7  |
| 67.5° | 258.4  | 262.9  | 268.9  | 277.9  | 285.5  | 299.0  | 314.0  | 329.0  | 350.1  | 359.1  | 368.1  |
| 70°   | 216.3  | 220.9  | 225.4  | 237.4  | 244.9  | 255.4  | 265.9  | 281.0  | 299.0  | 305.0  | 312.5  |
| 72.5° | 183.3  | 184.8  | 190.8  | 193.8  | 204.3  | 213.3  | 225.4  | 234.4  | 247.9  | 255.4  | 261.4  |
| 75°   | 154.7  | 154.7  | 156.3  | 159.3  | 165.3  | 171.3  | 180.3  | 189.3  | 201.3  | 205.8  | 213.3  |
| 77.5° | 121.7  | 126.2  | 124.7  | 127.7  | 130.7  | 133.7  | 141.2  | 147.2  | 159.3  | 162.3  | 165.3  |
| 80°   | 87.1   | 88.6   | 93.1   | 97.7   | 97.7   | 102.2  | 106.7  | 108.2  | 115.7  | 120.2  | 120.2  |
| 82.5° | 63.1   | 64.6   | 63.1   | 64.6   | 66.1   | 67.6   | 72.1   | 78.1   | 78.1   | 79.6   | 82.6   |
| 85°   | 39.1   | 39.1   | 40.6   | 42.1   | 42.1   | 40.6   | 43.6   | 42.1   | 43.6   | 46.6   | 46.6   |
| 87.5° | 19.5   | 18.0   | 18.0   | 18.0   | 18.0   | 18.0   | 19.5   | 18.0   | 19.5   | 19.5   | 19.5   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

TEST NUMBER: P1004877

CATALOG NUMBER: S125R3DR-B375DB50-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|       | 345°   | 350°   | 355°   | 360°   |
|-------|--------|--------|--------|--------|
| 0°    | 1829.9 | 1829.9 | 1829.9 | 1829.9 |
| 2.5°  | 1787.9 | 1801.4 | 1814.9 | 1831.4 |
| 5°    | 1751.8 | 1775.9 | 1801.4 | 1825.4 |
| 7.5°  | 1712.8 | 1747.3 | 1780.4 | 1814.9 |
| 10°   | 1669.2 | 1712.8 | 1750.3 | 1798.4 |
| 12.5° | 1621.1 | 1667.7 | 1720.3 | 1774.4 |
| 15°   | 1573.0 | 1631.6 | 1687.2 | 1748.8 |
| 17.5° | 1528.0 | 1583.5 | 1645.1 | 1718.8 |
| 20°   | 1473.9 | 1535.5 | 1604.6 | 1682.7 |
| 22.5° | 1416.8 | 1484.4 | 1559.5 | 1643.6 |
| 25°   | 1368.7 | 1437.8 | 1509.9 | 1598.6 |
| 27.5° | 1316.1 | 1388.2 | 1458.8 | 1553.5 |
| 30°   | 1256.0 | 1334.1 | 1406.3 | 1503.9 |
| 32.5° | 1198.9 | 1277.1 | 1356.7 | 1448.3 |
| 35°   | 1143.3 | 1220.0 | 1299.6 | 1392.7 |
| 37.5° | 1090.8 | 1159.9 | 1238.0 | 1322.1 |
| 40°   | 1041.2 | 1104.3 | 1173.4 | 1250.0 |
| 42.5° | 978.1  | 1051.7 | 1116.3 | 1171.9 |
| 45°   | 924.0  | 984.1  | 1044.2 | 1089.3 |
| 47.5° | 860.9  | 921.0  | 972.1  | 1008.1 |
| 50°   | 808.3  | 856.4  | 898.4  | 930.0  |
| 52.5° | 745.2  | 790.3  | 824.8  | 848.9  |
| 55°   | 683.6  | 722.7  | 752.7  | 769.2  |
| 57.5° | 628.0  | 653.6  | 676.1  | 691.1  |
| 60°   | 566.4  | 585.9  | 605.5  | 622.0  |
| 62.5° | 500.3  | 521.3  | 531.9  | 549.9  |
| 65°   | 441.7  | 455.2  | 471.8  | 477.8  |
| 67.5° | 384.6  | 392.1  | 402.6  | 414.7  |
| 70°   | 324.5  | 329.0  | 339.5  | 356.1  |
| 72.5° | 271.9  | 276.4  | 284.0  | 290.0  |
| 75°   | 216.3  | 220.9  | 226.9  | 232.9  |
| 77.5° | 169.8  | 171.3  | 174.3  | 180.3  |
| 80°   | 123.2  | 127.7  | 130.7  | 132.2  |
| 82.5° | 85.6   | 87.1   | 87.1   | 88.6   |
| 85°   | 54.1   | 51.1   | 51.1   | 52.6   |
| 87.5° | 19.5   | 22.5   | 22.5   | 25.5   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    |

(END OF REPORT)