

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: P1038153

Luminaire Tested: S125R3DS-B610DB35-4F0-XX-W2A-A

Issue Date: 5/2/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P1038153  
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: S125R3DS-B610DB35-4F0-XX-W2A-A  
Description: Define 5 3in Regressed Direct Surface with 3500K BioUP LEDs {m-DER=0.721} {m-EER=0.792}  
Light Source: -  
Ballast/Driver: -

**Summary**

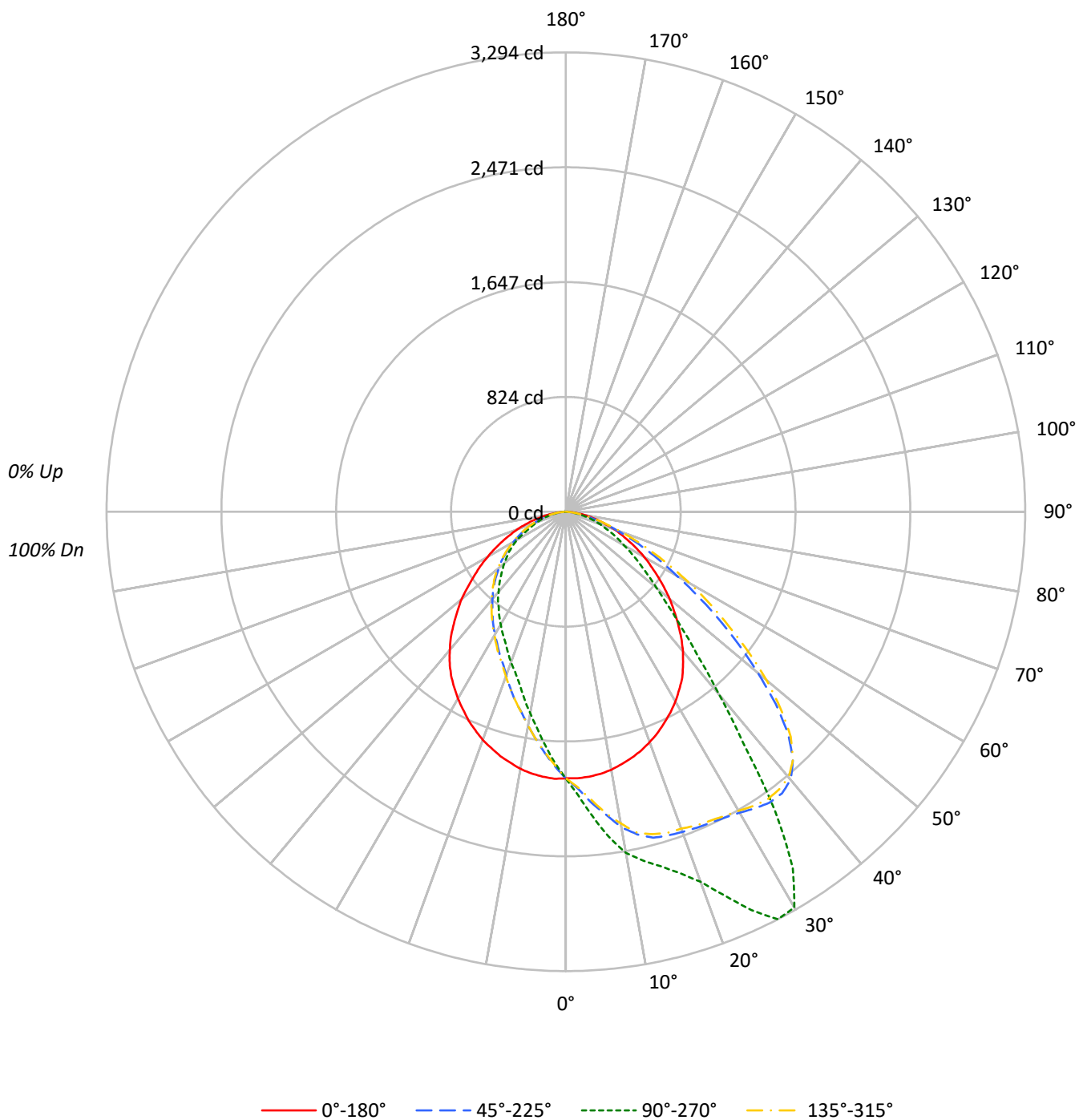
Lumens per Lamp: N/A  
Luminaire Lumens: 4952.0 lumens  
Efficiency: N/A  
Efficacy: 80.8 lumens/watt  
Spacing Criteria (0/90/45): 1.21 / 1.4 / 1.47  
Luminous Opening: Rectangular (W 0.42' x L: 4' x H: 0')  
CIE Type: Direct

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

TEST NUMBER: P1038153

CATALOG NUMBER: S125R3DS-B610DB35-4F0-XX-W2A-A

### Luminous Intensity Polar Plot



TEST NUMBER: P1038153

CATALOG NUMBER: S125R3DS-B610DB35-4F0-XX-W2A-A

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

|     |     |     |     |     |     |     |     |     |     |     |     |  |     |     |     |  |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|-----|-----|-----|--|-----|-----|-----|-----|
| RF  | 20  |     |     |     | 20  |     |     |     | 20  |     |     |  | 20  |     |     |  | 20  |     |     |     |
| RC  | 80  |     |     |     | 70  |     |     |     | 50  |     |     |  | 30  |     |     |  | 10  |     |     | 0   |
| RW  | 70  | 50  | 30  | 10  | 70  | 50  | 30  | 10  | 50  | 30  | 10  |  | 50  | 30  | 10  |  | 50  | 30  | 10  | 0   |
| RCR |     |     |     |     |     |     |     |     |     |     |     |  |     |     |     |  |     |     |     |     |
| 0   | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 |  | 106 | 106 | 106 |  | 102 | 102 | 102 | 100 |
| 1   | 110 | 106 | 102 | 98  | 107 | 103 | 100 | 97  | 99  | 96  | 94  |  | 95  | 93  | 91  |  | 92  | 90  | 88  | 86  |
| 2   | 101 | 93  | 87  | 82  | 98  | 91  | 86  | 81  | 88  | 83  | 79  |  | 85  | 81  | 77  |  | 82  | 78  | 75  | 73  |
| 3   | 92  | 83  | 75  | 69  | 90  | 81  | 74  | 69  | 78  | 72  | 67  |  | 76  | 70  | 66  |  | 73  | 69  | 65  | 63  |
| 4   | 85  | 74  | 66  | 59  | 83  | 73  | 65  | 59  | 70  | 63  | 58  |  | 68  | 62  | 57  |  | 66  | 61  | 57  | 55  |
| 5   | 79  | 66  | 58  | 52  | 77  | 65  | 57  | 51  | 63  | 56  | 51  |  | 61  | 55  | 50  |  | 60  | 54  | 50  | 48  |
| 6   | 73  | 60  | 52  | 45  | 71  | 59  | 51  | 45  | 57  | 50  | 45  |  | 56  | 49  | 44  |  | 54  | 49  | 44  | 42  |
| 7   | 68  | 55  | 46  | 40  | 66  | 54  | 46  | 40  | 52  | 45  | 40  |  | 51  | 44  | 40  |  | 50  | 44  | 39  | 37  |
| 8   | 63  | 50  | 42  | 36  | 61  | 49  | 42  | 36  | 48  | 41  | 36  |  | 47  | 40  | 36  |  | 46  | 40  | 35  | 34  |
| 9   | 59  | 46  | 38  | 33  | 58  | 45  | 38  | 33  | 44  | 37  | 32  |  | 43  | 37  | 32  |  | 42  | 36  | 32  | 30  |
| 10  | 55  | 42  | 35  | 30  | 54  | 42  | 35  | 30  | 41  | 34  | 30  |  | 40  | 34  | 29  |  | 39  | 33  | 29  | 28  |

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

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 12247 | 12247 | 12247 | 12247 |
| 5°  | 12263 | 14090 | 12263 | 10829 |
| 10° | 12221 | 16162 | 12180 | 9556  |
| 15° | 12116 | 17456 | 12033 | 8494  |
| 20° | 11984 | 19249 | 11877 | 7843  |
| 25° | 11804 | 22277 | 11671 | 7277  |
| 30° | 11621 | 24242 | 11447 | 6908  |
| 35° | 11378 | 20449 | 11219 | 6567  |
| 40° | 10920 | 14280 | 10829 | 6274  |
| 45° | 10309 | 10593 | 10295 | 5987  |
| 50° | 9683  | 8447  | 9729  | 5740  |
| 55° | 8975  | 7169  | 8958  | 5522  |
| 60° | 8325  | 6193  | 8284  | 5168  |
| 65° | 7565  | 5520  | 7614  | 4450  |
| 70° | 6967  | 4850  | 6939  | 4058  |
| 75° | 6020  | 4196  | 6020  | 3807  |
| 80° | 5095  | 3184  | 5036  | 3184  |
| 85° | 4036  | 2654  | 3926  | 2999  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 135°

Vertical Angle: 45°

Luminance: 20674 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 183.3  | 3.7       |
| 10°-20°   | 537.4  | 10.9      |
| 20°-30°   | 852.0  | 17.2      |
| 30°-40°   | 1029.6 | 20.8      |
| 40°-50°   | 916.7  | 18.5      |
| 50°-60°   | 702.9  | 14.2      |
| 60°-70°   | 456.5  | 9.2       |
| 70°-80°   | 221.6  | 4.5       |
| 80°-90°   | 52.1   | 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°    | 1572.7 | 31.8      |
| 0°-40°    | 2602.3 | 52.5      |
| 0°-60°    | 4221.8 | 85.3      |
| 0°-90°    | 4952.0 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 4952.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 90°  | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0°  | 1911 | 1911 | 1911 | 1911 | 1911 |      |
| 5°  | 1907 | 2191 | 1907 | 1684 | 1907 | 181  |
| 15° | 1827 | 2632 | 1814 | 1280 | 1827 | 515  |
| 25° | 1670 | 3151 | 1651 | 1029 | 1670 | 770  |
| 35° | 1455 | 2614 | 1434 | 840  | 1455 | 906  |
| 45° | 1138 | 1169 | 1136 | 661  | 1138 | 878  |
| 55° | 804  | 642  | 802  | 494  | 804  | 720  |
| 65° | 499  | 364  | 502  | 294  | 499  | 499  |
| 75° | 243  | 170  | 243  | 154  | 243  | 261  |
| 85° | 55   | 36   | 53   | 41   | 55   | 66   |
| 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°    | 1911.4 | 1911.4 | 1911.4 | 1911.4 | 1911.4 | 1911.4 | 1911.4 | 1911.4 | 1911.4 | 1911.4 | 1911.4 |
| 2.5°  | 1913.0 | 1928.6 | 1933.4 | 1945.9 | 1960.0 | 1963.2 | 1971.0 | 1982.0 | 1988.3 | 1986.7 | 1986.7 |
| 5°    | 1906.7 | 1933.4 | 1952.2 | 1974.2 | 2000.8 | 2011.8 | 2021.2 | 2044.8 | 2063.6 | 2074.6 | 2093.4 |
| 7.5°  | 1895.7 | 1934.9 | 1966.3 | 1999.3 | 2040.1 | 2058.9 | 2079.3 | 2112.3 | 2146.8 | 2168.7 | 2189.1 |
| 10°   | 1878.4 | 1928.6 | 1972.6 | 2021.2 | 2076.2 | 2104.4 | 2129.5 | 2179.7 | 2222.1 | 2250.3 | 2297.4 |
| 12.5° | 1853.3 | 1916.1 | 1977.3 | 2041.6 | 2110.7 | 2140.5 | 2175.0 | 2229.9 | 2289.6 | 2330.4 | 2369.6 |
| 15°   | 1826.6 | 1902.0 | 1967.9 | 2044.8 | 2127.9 | 2173.5 | 2217.4 | 2275.5 | 2328.8 | 2374.3 | 2419.8 |
| 17.5° | 1795.3 | 1875.3 | 1956.9 | 2044.8 | 2138.9 | 2184.4 | 2222.1 | 2291.1 | 2347.6 | 2393.2 | 2434.0 |
| 20°   | 1757.6 | 1847.0 | 1939.6 | 2036.9 | 2132.7 | 2175.0 | 2211.1 | 2286.4 | 2336.7 | 2385.3 | 2443.4 |
| 22.5° | 1716.8 | 1814.1 | 1913.0 | 2008.7 | 2102.8 | 2148.3 | 2190.7 | 2256.6 | 2311.5 | 2377.5 | 2452.8 |
| 25°   | 1669.7 | 1776.4 | 1876.9 | 1972.6 | 2062.0 | 2104.4 | 2142.1 | 2214.3 | 2291.1 | 2374.3 | 2459.1 |
| 27.5° | 1622.6 | 1726.2 | 1823.5 | 1911.4 | 2008.7 | 2047.9 | 2085.6 | 2176.6 | 2267.6 | 2355.5 | 2471.6 |
| 30°   | 1570.8 | 1676.0 | 1760.7 | 1842.3 | 1936.5 | 1977.3 | 2024.4 | 2127.9 | 2231.5 | 2350.8 | 2492.0 |
| 32.5° | 1512.8 | 1608.5 | 1687.0 | 1771.7 | 1856.5 | 1906.7 | 1966.3 | 2079.3 | 2198.6 | 2341.4 | 2521.8 |
| 35°   | 1454.7 | 1531.6 | 1603.8 | 1683.8 | 1785.8 | 1839.2 | 1897.3 | 2016.5 | 2165.6 | 2336.7 | 2546.9 |
| 37.5° | 1381.0 | 1454.7 | 1511.2 | 1592.8 | 1698.0 | 1760.7 | 1818.8 | 1956.9 | 2126.4 | 2325.7 | 2545.4 |
| 40°   | 1305.6 | 1368.4 | 1421.8 | 1506.5 | 1621.1 | 1679.1 | 1741.9 | 1892.6 | 2085.6 | 2294.3 | 2507.7 |
| 42.5° | 1224.0 | 1277.4 | 1335.5 | 1417.1 | 1528.5 | 1585.0 | 1657.2 | 1832.9 | 2029.1 | 2250.3 | 2410.4 |
| 45°   | 1137.7 | 1189.5 | 1238.2 | 1322.9 | 1434.3 | 1495.5 | 1574.0 | 1754.5 | 1960.0 | 2157.8 | 2253.5 |
| 47.5° | 1053.0 | 1098.5 | 1150.3 | 1224.0 | 1337.0 | 1404.5 | 1484.5 | 1677.6 | 1867.4 | 2033.8 | 2041.6 |
| 50°   | 971.4  | 1007.5 | 1051.4 | 1126.7 | 1244.4 | 1308.8 | 1392.0 | 1572.4 | 1757.6 | 1872.2 | 1795.3 |
| 52.5° | 886.6  | 919.6  | 965.1  | 1031.0 | 1140.9 | 1216.2 | 1288.4 | 1468.8 | 1624.2 | 1701.1 | 1559.9 |
| 55°   | 803.5  | 831.7  | 878.8  | 952.6  | 1048.3 | 1106.3 | 1180.1 | 1348.0 | 1484.5 | 1486.1 | 1332.3 |
| 57.5° | 721.9  | 747.0  | 786.2  | 852.1  | 941.6  | 1009.0 | 1076.5 | 1222.5 | 1315.1 | 1288.4 | 1117.3 |
| 60°   | 649.7  | 665.4  | 701.5  | 765.8  | 849.0  | 897.6  | 969.8  | 1092.2 | 1153.4 | 1104.8 | 921.2  |
| 62.5° | 574.4  | 590.0  | 618.3  | 670.1  | 748.5  | 800.3  | 845.8  | 946.3  | 988.6  | 914.9  | 764.2  |
| 65°   | 499.0  | 517.9  | 538.3  | 579.1  | 652.8  | 687.3  | 728.1  | 801.9  | 842.7  | 756.4  | 626.1  |
| 67.5° | 433.1  | 442.5  | 462.9  | 505.3  | 557.1  | 588.5  | 616.7  | 666.9  | 674.8  | 605.7  | 499.0  |
| 70°   | 371.9  | 375.1  | 393.9  | 419.0  | 458.2  | 477.1  | 500.6  | 530.4  | 530.4  | 473.9  | 389.2  |
| 72.5° | 302.9  | 307.6  | 321.7  | 348.4  | 371.9  | 381.3  | 389.2  | 408.0  | 404.9  | 353.1  | 295.0  |
| 75°   | 243.2  | 246.4  | 257.4  | 269.9  | 279.3  | 296.6  | 302.9  | 299.7  | 298.2  | 254.2  | 221.3  |
| 77.5° | 188.3  | 189.9  | 197.7  | 208.7  | 210.3  | 216.6  | 211.9  | 211.9  | 197.7  | 172.6  | 155.4  |
| 80°   | 138.1  | 139.7  | 142.8  | 145.9  | 145.9  | 145.9  | 145.9  | 138.1  | 128.7  | 113.0  | 108.3  |
| 82.5° | 92.6   | 92.6   | 94.2   | 97.3   | 95.7   | 92.6   | 89.4   | 81.6   | 75.3   | 70.6   | 67.5   |
| 85°   | 54.9   | 54.9   | 56.5   | 54.9   | 48.6   | 47.1   | 43.9   | 42.4   | 40.8   | 39.2   | 39.2   |
| 87.5° | 26.7   | 25.1   | 22.0   | 18.8   | 18.8   | 18.8   | 18.8   | 18.8   | 18.8   | 17.3   | 17.3   |
| 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):**

|       | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1911.4 | 1911.4 | 1911.4 | 1911.4 | 1911.4 | 1911.4 | 1911.4 | 1911.4 | 1911.4 | 1911.4 | 1911.4 |
| 2.5°  | 1994.6 | 2005.5 | 2015.0 | 2010.2 | 2029.1 | 2027.5 | 2030.6 | 2036.9 | 2038.5 | 2035.4 | 2029.1 |
| 5°    | 2102.8 | 2118.5 | 2145.2 | 2159.3 | 2156.2 | 2168.7 | 2175.0 | 2184.4 | 2193.9 | 2190.7 | 2190.7 |
| 7.5°  | 2223.7 | 2245.6 | 2272.3 | 2308.4 | 2313.1 | 2324.1 | 2342.9 | 2342.9 | 2353.9 | 2349.2 | 2347.6 |
| 10°   | 2328.8 | 2355.5 | 2397.9 | 2426.1 | 2438.7 | 2444.9 | 2463.8 | 2470.0 | 2482.6 | 2484.2 | 2484.2 |
| 12.5° | 2415.1 | 2462.2 | 2490.4 | 2518.7 | 2525.0 | 2534.4 | 2548.5 | 2557.9 | 2562.6 | 2562.6 | 2557.9 |
| 15°   | 2460.6 | 2498.3 | 2531.2 | 2561.1 | 2578.3 | 2586.2 | 2600.3 | 2611.3 | 2617.6 | 2631.7 | 2634.8 |
| 17.5° | 2479.5 | 2525.0 | 2578.3 | 2620.7 | 2650.5 | 2658.4 | 2686.6 | 2696.0 | 2708.6 | 2714.9 | 2722.7 |
| 20°   | 2506.1 | 2572.0 | 2636.4 | 2688.2 | 2716.4 | 2736.8 | 2766.6 | 2810.6 | 2823.1 | 2823.1 | 2818.4 |
| 22.5° | 2529.7 | 2614.4 | 2702.3 | 2785.5 | 2809.0 | 2849.8 | 2904.7 | 2951.8 | 2970.6 | 2978.5 | 2972.2 |
| 25°   | 2557.9 | 2674.1 | 2788.6 | 2892.2 | 2956.5 | 2986.3 | 3060.1 | 3116.6 | 3138.6 | 3151.1 | 3154.3 |
| 27.5° | 2606.6 | 2752.5 | 2898.5 | 3030.3 | 3096.2 | 3130.7 | 3207.6 | 3256.3 | 3282.9 | 3293.9 | 3286.1 |
| 30°   | 2661.5 | 2840.4 | 3009.9 | 3127.6 | 3171.5 | 3213.9 | 3264.1 | 3282.9 | 3276.7 | 3276.7 | 3300.2 |
| 32.5° | 2718.0 | 2903.2 | 3053.8 | 3130.7 | 3146.4 | 3140.1 | 3119.7 | 3063.2 | 3030.3 | 3030.3 | 3050.7 |
| 35°   | 2749.4 | 2909.4 | 2986.3 | 2961.2 | 2900.0 | 2863.9 | 2752.5 | 2689.7 | 2619.1 | 2614.4 | 2638.0 |
| 37.5° | 2732.1 | 2801.2 | 2769.8 | 2605.0 | 2521.8 | 2452.8 | 2278.6 | 2209.5 | 2157.8 | 2085.6 | 2197.0 |
| 40°   | 2611.3 | 2587.7 | 2424.5 | 2187.6 | 2095.0 | 1997.7 | 1859.6 | 1790.5 | 1718.4 | 1707.4 | 1734.1 |
| 42.5° | 2407.3 | 2267.6 | 2029.1 | 1800.0 | 1705.8 | 1636.8 | 1531.6 | 1464.1 | 1418.6 | 1399.8 | 1431.2 |
| 45°   | 2153.1 | 1933.4 | 1694.8 | 1512.8 | 1409.2 | 1373.1 | 1277.4 | 1217.8 | 1183.2 | 1169.1 | 1191.1 |
| 47.5° | 1842.3 | 1621.1 | 1395.1 | 1241.3 | 1180.1 | 1144.0 | 1079.7 | 1027.9 | 998.1  | 988.6  | 998.1  |
| 50°   | 1564.6 | 1337.0 | 1147.1 | 1048.3 | 993.4  | 963.5  | 910.2  | 877.2  | 853.7  | 847.4  | 863.1  |
| 52.5° | 1324.5 | 1117.3 | 973.0  | 885.1  | 849.0  | 823.9  | 786.2  | 758.0  | 743.8  | 737.6  | 748.5  |
| 55°   | 1109.5 | 941.6  | 825.4  | 750.1  | 723.4  | 707.7  | 674.8  | 659.1  | 643.4  | 641.8  | 652.8  |
| 57.5° | 919.6  | 803.5  | 696.8  | 643.4  | 635.6  | 612.0  | 583.8  | 569.6  | 561.8  | 560.2  | 564.9  |
| 60°   | 765.8  | 662.2  | 597.9  | 550.8  | 539.8  | 521.0  | 505.3  | 495.9  | 486.5  | 483.3  | 486.5  |
| 62.5° | 637.1  | 555.5  | 503.7  | 472.4  | 456.7  | 452.0  | 434.7  | 423.7  | 422.1  | 422.1  | 425.3  |
| 65°   | 525.7  | 456.7  | 423.7  | 398.6  | 387.6  | 382.9  | 370.4  | 362.5  | 364.1  | 364.1  | 365.6  |
| 67.5° | 428.4  | 378.2  | 348.4  | 335.8  | 326.4  | 324.8  | 312.3  | 309.1  | 306.0  | 306.0  | 309.1  |
| 70°   | 340.5  | 309.1  | 287.2  | 280.9  | 279.3  | 268.3  | 263.6  | 262.1  | 257.4  | 258.9  | 258.9  |
| 72.5° | 266.8  | 246.4  | 233.8  | 224.4  | 226.0  | 219.7  | 213.4  | 213.4  | 210.3  | 215.0  | 215.0  |
| 75°   | 197.7  | 188.3  | 178.9  | 175.8  | 178.9  | 175.8  | 171.1  | 169.5  | 171.1  | 169.5  | 169.5  |
| 77.5° | 145.9  | 141.2  | 138.1  | 136.5  | 136.5  | 130.3  | 127.1  | 130.3  | 124.0  | 127.1  | 127.1  |
| 80°   | 102.0  | 95.7   | 94.2   | 91.0   | 92.6   | 87.9   | 89.4   | 86.3   | 86.3   | 86.3   | 86.3   |
| 82.5° | 64.3   | 62.8   | 62.8   | 62.8   | 61.2   | 61.2   | 61.2   | 61.2   | 61.2   | 61.2   | 59.6   |
| 85°   | 39.2   | 37.7   | 37.7   | 37.7   | 36.1   | 36.1   | 36.1   | 36.1   | 36.1   | 36.1   | 36.1   |
| 87.5° | 15.7   | 17.3   | 17.3   | 18.8   | 17.3   | 15.7   | 15.7   | 15.7   | 17.3   | 17.3   | 15.7   |
| 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°    | 1911.4 | 1911.4 | 1911.4 | 1911.4 | 1911.4 | 1911.4 | 1911.4 | 1911.4 | 1911.4 | 1911.4 | 1911.4 |
| 2.5°  | 2036.9 | 2025.9 | 2030.6 | 2025.9 | 2021.2 | 2016.5 | 2005.5 | 1989.8 | 1977.3 | 1967.9 | 1966.3 |
| 5°    | 2193.9 | 2179.7 | 2170.3 | 2165.6 | 2156.2 | 2143.6 | 2123.2 | 2099.7 | 2071.4 | 2060.5 | 2038.5 |
| 7.5°  | 2338.2 | 2333.5 | 2311.5 | 2308.4 | 2302.1 | 2278.6 | 2244.1 | 2212.7 | 2176.6 | 2146.8 | 2118.5 |
| 10°   | 2474.8 | 2463.8 | 2448.1 | 2426.1 | 2423.0 | 2393.2 | 2360.2 | 2316.3 | 2269.2 | 2240.9 | 2190.7 |
| 12.5° | 2559.5 | 2546.9 | 2529.7 | 2515.6 | 2507.7 | 2488.9 | 2443.4 | 2399.4 | 2357.1 | 2305.3 | 2261.3 |
| 15°   | 2620.7 | 2605.0 | 2573.6 | 2562.6 | 2553.2 | 2528.1 | 2495.2 | 2449.6 | 2393.2 | 2357.1 | 2294.3 |
| 17.5° | 2703.9 | 2685.0 | 2653.7 | 2633.3 | 2616.0 | 2576.8 | 2529.7 | 2468.5 | 2415.1 | 2374.3 | 2317.8 |
| 20°   | 2799.6 | 2771.3 | 2730.5 | 2703.9 | 2678.8 | 2633.3 | 2567.3 | 2495.2 | 2418.3 | 2368.0 | 2310.0 |
| 22.5° | 2958.1 | 2904.7 | 2840.4 | 2802.7 | 2768.2 | 2689.7 | 2611.3 | 2521.8 | 2435.5 | 2360.2 | 2289.6 |
| 25°   | 3111.9 | 3058.5 | 2978.5 | 2926.7 | 2873.4 | 2782.3 | 2678.8 | 2554.8 | 2444.9 | 2357.1 | 2264.5 |
| 27.5° | 3254.7 | 3199.8 | 3126.0 | 3063.2 | 3011.4 | 2874.9 | 2738.4 | 2598.7 | 2459.1 | 2338.2 | 2244.1 |
| 30°   | 3287.6 | 3264.1 | 3207.6 | 3152.7 | 3105.6 | 2980.1 | 2821.6 | 2644.2 | 2476.3 | 2321.0 | 2215.8 |
| 32.5° | 3088.3 | 3146.4 | 3160.5 | 3152.7 | 3122.9 | 3033.4 | 2887.5 | 2700.7 | 2501.4 | 2313.1 | 2168.7 |
| 35°   | 2674.1 | 2779.2 | 2887.5 | 2945.5 | 2973.8 | 2986.3 | 2900.0 | 2729.0 | 2518.7 | 2300.6 | 2137.4 |
| 37.5° | 2217.4 | 2319.4 | 2490.4 | 2576.8 | 2672.5 | 2798.0 | 2832.6 | 2722.7 | 2510.8 | 2291.1 | 2087.1 |
| 40°   | 1821.9 | 1952.2 | 2093.4 | 2171.9 | 2255.1 | 2481.0 | 2652.1 | 2639.5 | 2485.7 | 2256.6 | 2047.9 |
| 42.5° | 1483.0 | 1564.6 | 1688.5 | 1774.9 | 1876.9 | 2129.5 | 2358.6 | 2471.6 | 2410.4 | 2214.3 | 1997.7 |
| 45°   | 1236.6 | 1299.4 | 1387.2 | 1475.1 | 1537.9 | 1767.0 | 2038.5 | 2223.7 | 2281.7 | 2138.9 | 1920.8 |
| 47.5° | 1042.0 | 1089.1 | 1166.0 | 1220.9 | 1288.4 | 1468.8 | 1704.2 | 1964.7 | 2087.1 | 2032.2 | 1839.2 |
| 50°   | 892.9  | 930.6  | 991.8  | 1026.3 | 1085.9 | 1241.3 | 1420.2 | 1693.3 | 1878.4 | 1884.7 | 1730.9 |
| 52.5° | 762.7  | 800.3  | 852.1  | 881.9  | 918.0  | 1023.2 | 1203.6 | 1434.3 | 1647.7 | 1726.2 | 1606.9 |
| 55°   | 663.8  | 685.8  | 728.1  | 751.7  | 784.6  | 886.6  | 1001.2 | 1197.4 | 1420.2 | 1548.9 | 1473.6 |
| 57.5° | 572.8  | 596.3  | 623.0  | 641.8  | 665.4  | 747.0  | 850.5  | 998.1  | 1219.3 | 1359.0 | 1333.9 |
| 60°   | 499.0  | 513.2  | 538.3  | 552.4  | 574.4  | 627.7  | 699.9  | 847.4  | 1023.2 | 1155.0 | 1169.1 |
| 62.5° | 430.0  | 442.5  | 459.8  | 472.4  | 486.5  | 528.8  | 582.2  | 687.3  | 841.1  | 983.9  | 1002.8 |
| 65°   | 370.4  | 381.3  | 390.8  | 401.7  | 412.7  | 439.4  | 484.9  | 566.5  | 685.8  | 819.2  | 860.0  |
| 67.5° | 317.0  | 320.1  | 334.3  | 335.8  | 342.1  | 362.5  | 395.5  | 461.4  | 547.7  | 654.4  | 707.7  |
| 70°   | 265.2  | 271.5  | 274.6  | 279.3  | 285.6  | 299.7  | 326.4  | 360.9  | 425.3  | 511.6  | 561.8  |
| 72.5° | 215.0  | 216.6  | 221.3  | 224.4  | 230.7  | 241.7  | 254.2  | 280.9  | 321.7  | 384.5  | 430.0  |
| 75°   | 171.1  | 172.6  | 175.8  | 177.3  | 182.0  | 185.2  | 191.5  | 210.3  | 238.5  | 276.2  | 309.1  |
| 77.5° | 128.7  | 131.8  | 135.0  | 135.0  | 136.5  | 139.7  | 142.8  | 149.1  | 163.2  | 188.3  | 216.6  |
| 80°   | 87.9   | 89.4   | 89.4   | 91.0   | 89.4   | 94.2   | 98.9   | 106.7  | 113.0  | 120.8  | 135.0  |
| 82.5° | 61.2   | 61.2   | 61.2   | 62.8   | 62.8   | 64.3   | 64.3   | 65.9   | 67.5   | 72.2   | 78.5   |
| 85°   | 37.7   | 37.7   | 39.2   | 36.1   | 37.7   | 39.2   | 39.2   | 37.7   | 39.2   | 40.8   | 42.4   |
| 87.5° | 15.7   | 15.7   | 17.3   | 17.3   | 17.3   | 17.3   | 15.7   | 17.3   | 15.7   | 17.3   | 17.3   |
| 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: P1038153

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**CANDELA DISTRIBUTION (continued):**

|       | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1911.4 | 1911.4 | 1911.4 | 1911.4 | 1911.4 | 1911.4 | 1911.4 | 1911.4 | 1911.4 | 1911.4 | 1911.4 |
| 2.5°  | 1961.6 | 1952.2 | 1945.9 | 1944.3 | 1934.9 | 1927.1 | 1917.7 | 1916.1 | 1911.4 | 1898.8 | 1891.0 |
| 5°    | 2022.8 | 2000.8 | 1996.1 | 1982.0 | 1958.5 | 1941.2 | 1919.2 | 1906.7 | 1892.6 | 1869.0 | 1850.2 |
| 7.5°  | 2085.6 | 2055.8 | 2033.8 | 2013.4 | 1980.4 | 1949.0 | 1917.7 | 1892.6 | 1867.4 | 1832.9 | 1804.7 |
| 10°   | 2146.8 | 2101.3 | 2074.6 | 2044.8 | 1999.3 | 1952.2 | 1908.2 | 1872.2 | 1831.3 | 1790.5 | 1749.7 |
| 12.5° | 2203.3 | 2145.2 | 2106.0 | 2063.6 | 2007.1 | 1949.0 | 1892.6 | 1842.3 | 1800.0 | 1745.0 | 1699.5 |
| 15°   | 2237.8 | 2173.5 | 2134.2 | 2093.4 | 2008.7 | 1944.3 | 1878.4 | 1814.1 | 1757.6 | 1699.5 | 1657.2 |
| 17.5° | 2258.2 | 2186.0 | 2142.1 | 2104.4 | 2018.1 | 1930.2 | 1845.5 | 1776.4 | 1715.2 | 1646.2 | 1589.7 |
| 20°   | 2248.8 | 2178.2 | 2137.4 | 2101.3 | 2000.8 | 1913.0 | 1821.9 | 1741.9 | 1665.0 | 1594.4 | 1534.8 |
| 22.5° | 2228.4 | 2154.6 | 2109.1 | 2076.2 | 1986.7 | 1883.1 | 1782.7 | 1696.4 | 1616.4 | 1545.7 | 1478.3 |
| 25°   | 2184.4 | 2112.3 | 2073.0 | 2032.2 | 1944.3 | 1845.5 | 1743.5 | 1650.9 | 1566.1 | 1490.8 | 1415.5 |
| 27.5° | 2145.2 | 2057.3 | 2016.5 | 1980.4 | 1887.8 | 1800.0 | 1699.5 | 1597.5 | 1511.2 | 1432.8 | 1357.4 |
| 30°   | 2099.7 | 2000.8 | 1956.9 | 1908.2 | 1825.1 | 1741.9 | 1641.5 | 1547.3 | 1457.9 | 1374.7 | 1302.5 |
| 32.5° | 2051.0 | 1936.5 | 1886.3 | 1831.3 | 1746.6 | 1668.1 | 1583.4 | 1490.8 | 1401.4 | 1319.8 | 1244.4 |
| 35°   | 1988.3 | 1865.9 | 1807.8 | 1756.0 | 1668.1 | 1589.7 | 1511.2 | 1434.3 | 1344.9 | 1258.6 | 1186.4 |
| 37.5° | 1928.6 | 1793.7 | 1732.5 | 1672.9 | 1580.3 | 1504.9 | 1440.6 | 1368.4 | 1282.1 | 1198.9 | 1129.9 |
| 40°   | 1861.2 | 1705.8 | 1643.0 | 1588.1 | 1492.4 | 1409.2 | 1351.2 | 1294.7 | 1219.3 | 1139.3 | 1064.0 |
| 42.5° | 1800.0 | 1624.2 | 1558.3 | 1501.8 | 1401.4 | 1322.9 | 1268.0 | 1220.9 | 1155.0 | 1081.2 | 1004.3 |
| 45°   | 1715.2 | 1536.3 | 1468.8 | 1409.2 | 1307.2 | 1233.5 | 1177.0 | 1136.2 | 1084.4 | 1015.3 | 946.3  |
| 47.5° | 1636.8 | 1451.6 | 1377.8 | 1305.6 | 1213.1 | 1137.7 | 1085.9 | 1054.6 | 1020.0 | 958.8  | 888.2  |
| 50°   | 1541.0 | 1354.3 | 1279.0 | 1219.3 | 1114.2 | 1049.8 | 998.1  | 976.1  | 944.7  | 886.6  | 830.1  |
| 52.5° | 1437.5 | 1260.1 | 1189.5 | 1117.3 | 1020.0 | 957.3  | 911.8  | 886.6  | 861.5  | 819.2  | 765.8  |
| 55°   | 1316.6 | 1155.0 | 1089.1 | 1024.7 | 927.4  | 869.4  | 828.6  | 801.9  | 787.8  | 748.5  | 709.3  |
| 57.5° | 1200.5 | 1048.3 | 987.1  | 927.4  | 842.7  | 776.8  | 750.1  | 726.6  | 706.2  | 677.9  | 645.0  |
| 60°   | 1082.8 | 944.7  | 878.8  | 825.4  | 751.7  | 692.1  | 670.1  | 646.5  | 630.9  | 608.9  | 585.3  |
| 62.5° | 947.8  | 830.1  | 779.9  | 729.7  | 666.9  | 619.9  | 594.8  | 575.9  | 555.5  | 541.4  | 521.0  |
| 65°   | 805.0  | 721.9  | 673.2  | 635.6  | 575.9  | 533.6  | 514.7  | 502.2  | 484.9  | 470.8  | 455.1  |
| 67.5° | 671.7  | 605.7  | 585.3  | 544.5  | 499.0  | 461.4  | 447.2  | 431.6  | 417.4  | 409.6  | 395.5  |
| 70°   | 543.0  | 495.9  | 475.5  | 464.5  | 414.3  | 389.2  | 376.6  | 370.4  | 353.1  | 345.2  | 335.8  |
| 72.5° | 420.6  | 403.3  | 389.2  | 375.1  | 342.1  | 326.4  | 312.3  | 306.0  | 293.5  | 287.2  | 284.0  |
| 75°   | 310.7  | 299.7  | 291.9  | 290.3  | 276.2  | 260.5  | 246.4  | 243.2  | 233.8  | 227.5  | 224.4  |
| 77.5° | 218.1  | 215.0  | 213.4  | 215.0  | 205.6  | 196.2  | 193.0  | 189.9  | 178.9  | 177.3  | 177.3  |
| 80°   | 142.8  | 150.7  | 150.7  | 149.1  | 145.9  | 144.4  | 139.7  | 136.5  | 130.3  | 128.7  | 130.3  |
| 82.5° | 87.9   | 92.6   | 94.2   | 97.3   | 95.7   | 94.2   | 91.0   | 89.4   | 91.0   | 87.9   | 89.4   |
| 85°   | 43.9   | 47.1   | 53.4   | 53.4   | 54.9   | 54.9   | 54.9   | 53.4   | 50.2   | 51.8   | 50.2   |
| 87.5° | 17.3   | 18.8   | 18.8   | 18.8   | 17.3   | 22.0   | 23.5   | 23.5   | 23.5   | 20.4   | 20.4   |
| 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°    | 1911.4 | 1911.4 | 1911.4 | 1911.4 | 1911.4 | 1911.4 | 1911.4 | 1911.4 | 1911.4 | 1911.4 | 1911.4 |
| 2.5°  | 1886.3 | 1880.0 | 1875.3 | 1870.6 | 1850.2 | 1828.2 | 1825.1 | 1820.4 | 1810.9 | 1821.9 | 1817.2 |
| 5°    | 1837.6 | 1823.5 | 1815.7 | 1795.3 | 1770.1 | 1751.3 | 1735.6 | 1716.8 | 1708.9 | 1702.7 | 1701.1 |
| 7.5°  | 1778.0 | 1765.4 | 1751.3 | 1730.9 | 1699.5 | 1668.1 | 1644.6 | 1625.8 | 1610.1 | 1602.2 | 1602.2 |
| 10°   | 1719.9 | 1704.2 | 1685.4 | 1650.9 | 1621.1 | 1581.8 | 1556.7 | 1537.9 | 1515.9 | 1503.4 | 1492.4 |
| 12.5° | 1660.3 | 1643.0 | 1625.8 | 1581.8 | 1547.3 | 1506.5 | 1470.4 | 1446.9 | 1435.9 | 1421.8 | 1402.9 |
| 15°   | 1600.7 | 1574.0 | 1556.7 | 1512.8 | 1468.8 | 1428.0 | 1404.5 | 1379.4 | 1354.3 | 1340.2 | 1333.9 |
| 17.5° | 1537.9 | 1519.1 | 1490.8 | 1443.7 | 1395.1 | 1359.0 | 1324.5 | 1300.9 | 1271.1 | 1257.0 | 1242.9 |
| 20°   | 1481.4 | 1453.2 | 1424.9 | 1377.8 | 1330.7 | 1282.1 | 1247.6 | 1219.3 | 1200.5 | 1189.5 | 1177.0 |
| 22.5° | 1413.9 | 1387.2 | 1363.7 | 1313.5 | 1261.7 | 1216.2 | 1178.5 | 1161.3 | 1142.4 | 1125.2 | 1112.6 |
| 25°   | 1355.9 | 1329.2 | 1305.6 | 1250.7 | 1194.2 | 1151.9 | 1123.6 | 1101.6 | 1081.2 | 1073.4 | 1060.8 |
| 27.5° | 1294.7 | 1269.5 | 1238.2 | 1183.2 | 1133.0 | 1096.9 | 1067.1 | 1046.7 | 1031.0 | 1015.3 | 1005.9 |
| 30°   | 1236.6 | 1208.3 | 1180.1 | 1120.5 | 1079.7 | 1043.6 | 1015.3 | 990.2  | 977.7  | 969.8  | 954.1  |
| 32.5° | 1180.1 | 1144.0 | 1120.5 | 1065.5 | 1026.3 | 991.8  | 968.2  | 946.3  | 930.6  | 916.5  | 903.9  |
| 35°   | 1118.9 | 1079.7 | 1056.1 | 1010.6 | 969.8  | 935.3  | 914.9  | 899.2  | 880.4  | 867.8  | 861.5  |
| 37.5° | 1060.8 | 1027.9 | 1004.3 | 957.3  | 916.5  | 888.2  | 866.2  | 845.8  | 838.0  | 820.7  | 817.6  |
| 40°   | 998.1  | 969.8  | 947.8  | 902.3  | 864.7  | 842.7  | 819.2  | 800.3  | 786.2  | 778.4  | 767.4  |
| 42.5° | 941.6  | 918.0  | 894.5  | 852.1  | 816.0  | 789.3  | 772.1  | 754.8  | 742.3  | 729.7  | 721.9  |
| 45°   | 889.8  | 864.7  | 842.7  | 801.9  | 765.8  | 742.3  | 725.0  | 704.6  | 701.5  | 684.2  | 676.4  |
| 47.5° | 834.9  | 812.9  | 794.1  | 751.7  | 718.7  | 695.2  | 674.8  | 660.7  | 646.5  | 640.3  | 629.3  |
| 50°   | 781.5  | 759.5  | 737.6  | 699.9  | 670.1  | 646.5  | 626.1  | 610.4  | 602.6  | 593.2  | 583.8  |
| 52.5° | 723.4  | 706.2  | 688.9  | 649.7  | 619.9  | 599.5  | 582.2  | 561.8  | 554.0  | 546.1  | 539.8  |
| 55°   | 674.8  | 649.7  | 630.9  | 597.9  | 571.2  | 549.2  | 530.4  | 514.7  | 506.9  | 500.6  | 492.8  |
| 57.5° | 608.9  | 593.2  | 577.5  | 547.7  | 522.6  | 500.6  | 481.8  | 469.2  | 459.8  | 455.1  | 456.7  |
| 60°   | 552.4  | 535.1  | 525.7  | 494.3  | 469.2  | 452.0  | 434.7  | 422.1  | 412.7  | 408.0  | 406.4  |
| 62.5° | 492.8  | 480.2  | 462.9  | 441.0  | 415.9  | 400.2  | 387.6  | 378.2  | 362.5  | 360.9  | 356.2  |
| 65°   | 434.7  | 425.3  | 409.6  | 389.2  | 368.8  | 354.7  | 340.5  | 328.0  | 321.7  | 313.9  | 309.1  |
| 67.5° | 378.2  | 368.8  | 354.7  | 337.4  | 323.3  | 309.1  | 296.6  | 284.0  | 273.1  | 266.8  | 263.6  |
| 70°   | 323.3  | 315.4  | 306.0  | 285.6  | 268.3  | 257.4  | 247.9  | 240.1  | 229.1  | 226.0  | 224.4  |
| 72.5° | 269.9  | 262.1  | 257.4  | 240.1  | 224.4  | 215.0  | 205.6  | 197.7  | 193.0  | 191.5  | 186.7  |
| 75°   | 221.3  | 213.4  | 207.1  | 191.5  | 182.0  | 175.8  | 166.3  | 163.2  | 158.5  | 156.9  | 155.4  |
| 77.5° | 172.6  | 164.8  | 163.2  | 152.2  | 141.2  | 138.1  | 135.0  | 128.7  | 128.7  | 128.7  | 125.5  |
| 80°   | 124.0  | 122.4  | 120.8  | 109.8  | 105.1  | 102.0  | 100.4  | 95.7   | 92.6   | 89.4   | 87.9   |
| 82.5° | 83.2   | 81.6   | 80.0   | 75.3   | 70.6   | 69.0   | 67.5   | 64.3   | 64.3   | 65.9   | 62.8   |
| 85°   | 50.2   | 47.1   | 45.5   | 43.9   | 40.8   | 40.8   | 42.4   | 40.8   | 40.8   | 40.8   | 39.2   |
| 87.5° | 18.8   | 18.8   | 18.8   | 18.8   | 20.4   | 17.3   | 18.8   | 18.8   | 17.3   | 17.3   | 15.7   |
| 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):**

|       | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1911.4 | 1911.4 | 1911.4 | 1911.4 | 1911.4 | 1911.4 | 1911.4 | 1911.4 | 1911.4 | 1911.4 | 1911.4 |
| 2.5°  | 1809.4 | 1812.5 | 1804.7 | 1801.5 | 1795.3 | 1803.1 | 1804.7 | 1803.1 | 1817.2 | 1810.9 | 1814.1 |
| 5°    | 1704.2 | 1698.0 | 1693.3 | 1682.3 | 1682.3 | 1683.8 | 1688.5 | 1680.7 | 1685.4 | 1696.4 | 1694.8 |
| 7.5°  | 1588.1 | 1585.0 | 1586.5 | 1574.0 | 1564.6 | 1567.7 | 1564.6 | 1578.7 | 1586.5 | 1583.4 | 1589.7 |
| 10°   | 1483.0 | 1489.2 | 1475.1 | 1468.8 | 1462.6 | 1468.8 | 1467.3 | 1470.4 | 1479.8 | 1486.1 | 1497.1 |
| 12.5° | 1398.2 | 1396.7 | 1388.8 | 1382.5 | 1371.6 | 1374.7 | 1384.1 | 1381.0 | 1382.5 | 1396.7 | 1395.1 |
| 15°   | 1318.2 | 1308.8 | 1302.5 | 1288.4 | 1291.5 | 1280.5 | 1289.9 | 1300.9 | 1305.6 | 1318.2 | 1326.0 |
| 17.5° | 1238.2 | 1236.6 | 1228.7 | 1227.2 | 1209.9 | 1205.2 | 1214.6 | 1217.8 | 1222.5 | 1228.7 | 1239.7 |
| 20°   | 1170.7 | 1169.1 | 1158.1 | 1155.0 | 1140.9 | 1150.3 | 1147.1 | 1153.4 | 1156.6 | 1169.1 | 1173.8 |
| 22.5° | 1109.5 | 1101.6 | 1098.5 | 1093.8 | 1089.1 | 1087.5 | 1093.8 | 1092.2 | 1103.2 | 1107.9 | 1109.5 |
| 25°   | 1053.0 | 1046.7 | 1045.1 | 1037.3 | 1034.2 | 1029.4 | 1034.2 | 1038.9 | 1051.4 | 1056.1 | 1062.4 |
| 27.5° | 1001.2 | 996.5  | 993.4  | 987.1  | 982.4  | 982.4  | 985.5  | 991.8  | 996.5  | 999.6  | 1002.8 |
| 30°   | 954.1  | 951.0  | 941.6  | 938.4  | 933.7  | 933.7  | 933.7  | 936.9  | 944.7  | 954.1  | 958.8  |
| 32.5° | 905.5  | 899.2  | 892.9  | 892.9  | 888.2  | 888.2  | 889.8  | 892.9  | 900.8  | 902.3  | 910.2  |
| 35°   | 858.4  | 852.1  | 847.4  | 844.3  | 845.8  | 839.6  | 842.7  | 847.4  | 856.8  | 860.0  | 864.7  |
| 37.5° | 812.9  | 811.3  | 801.9  | 797.2  | 800.3  | 800.3  | 798.8  | 801.9  | 808.2  | 814.5  | 817.6  |
| 40°   | 762.7  | 759.5  | 759.5  | 754.8  | 756.4  | 750.1  | 754.8  | 758.0  | 761.1  | 767.4  | 772.1  |
| 42.5° | 718.7  | 715.6  | 709.3  | 710.9  | 706.2  | 706.2  | 709.3  | 710.9  | 715.6  | 723.4  | 726.6  |
| 45°   | 671.7  | 671.7  | 668.5  | 663.8  | 665.4  | 660.7  | 663.8  | 665.4  | 671.7  | 679.5  | 676.4  |
| 47.5° | 626.1  | 624.6  | 624.6  | 618.3  | 621.4  | 616.7  | 621.4  | 623.0  | 626.1  | 630.9  | 629.3  |
| 50°   | 582.2  | 577.5  | 579.1  | 577.5  | 575.9  | 575.9  | 579.1  | 579.1  | 582.2  | 582.2  | 586.9  |
| 52.5° | 536.7  | 536.7  | 533.6  | 535.1  | 538.3  | 535.1  | 539.8  | 535.1  | 538.3  | 539.8  | 543.0  |
| 55°   | 495.9  | 492.8  | 494.3  | 492.8  | 499.0  | 494.3  | 499.0  | 495.9  | 499.0  | 497.5  | 500.6  |
| 57.5° | 452.0  | 447.2  | 448.8  | 447.2  | 452.0  | 450.4  | 455.1  | 450.4  | 452.0  | 453.5  | 458.2  |
| 60°   | 401.7  | 401.7  | 401.7  | 398.6  | 403.3  | 403.3  | 401.7  | 401.7  | 408.0  | 411.2  | 409.6  |
| 62.5° | 354.7  | 353.1  | 348.4  | 346.8  | 348.4  | 345.2  | 351.5  | 349.9  | 353.1  | 356.2  | 359.4  |
| 65°   | 302.9  | 299.7  | 298.2  | 295.0  | 295.0  | 293.5  | 295.0  | 301.3  | 302.9  | 304.4  | 312.3  |
| 67.5° | 260.5  | 258.9  | 257.4  | 252.7  | 252.7  | 255.8  | 255.8  | 255.8  | 265.2  | 260.5  | 266.8  |
| 70°   | 222.8  | 219.7  | 216.6  | 215.0  | 215.0  | 216.6  | 218.1  | 219.7  | 218.1  | 224.4  | 226.0  |
| 72.5° | 186.7  | 188.3  | 185.2  | 185.2  | 185.2  | 183.6  | 183.6  | 186.7  | 188.3  | 186.7  | 188.3  |
| 75°   | 155.4  | 155.4  | 153.8  | 155.4  | 155.4  | 153.8  | 153.8  | 156.9  | 156.9  | 155.4  | 160.1  |
| 77.5° | 125.5  | 124.0  | 120.8  | 117.7  | 119.3  | 117.7  | 119.3  | 117.7  | 122.4  | 127.1  | 124.0  |
| 80°   | 87.9   | 86.3   | 86.3   | 86.3   | 87.9   | 86.3   | 89.4   | 86.3   | 87.9   | 87.9   | 89.4   |
| 82.5° | 62.8   | 64.3   | 64.3   | 62.8   | 64.3   | 62.8   | 64.3   | 64.3   | 64.3   | 62.8   | 64.3   |
| 85°   | 40.8   | 40.8   | 40.8   | 40.8   | 39.2   | 40.8   | 40.8   | 40.8   | 42.4   | 40.8   | 42.4   |
| 87.5° | 17.3   | 17.3   | 17.3   | 17.3   | 17.3   | 17.3   | 17.3   | 17.3   | 18.8   | 17.3   | 18.8   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

TEST NUMBER: P1038153

CATALOG NUMBER: S125R3DS-B610DB35-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|       | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 337.5° | 340°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1911.4 | 1911.4 | 1911.4 | 1911.4 | 1911.4 | 1911.4 | 1911.4 | 1911.4 | 1911.4 | 1911.4 | 1911.4 |
| 2.5°  | 1807.8 | 1815.7 | 1809.4 | 1804.7 | 1817.2 | 1823.5 | 1823.5 | 1834.5 | 1845.5 | 1854.9 | 1856.5 |
| 5°    | 1696.4 | 1708.9 | 1712.1 | 1710.5 | 1729.3 | 1738.8 | 1759.2 | 1770.1 | 1785.8 | 1796.8 | 1809.4 |
| 7.5°  | 1594.4 | 1611.7 | 1613.2 | 1616.4 | 1644.6 | 1660.3 | 1677.6 | 1705.8 | 1727.8 | 1743.5 | 1757.6 |
| 10°   | 1492.4 | 1503.4 | 1514.4 | 1528.5 | 1556.7 | 1583.4 | 1608.5 | 1638.3 | 1666.6 | 1682.3 | 1702.7 |
| 12.5° | 1415.5 | 1423.3 | 1435.9 | 1445.3 | 1475.1 | 1498.7 | 1531.6 | 1572.4 | 1613.2 | 1625.8 | 1650.9 |
| 15°   | 1335.5 | 1340.2 | 1365.3 | 1374.7 | 1399.8 | 1439.0 | 1459.4 | 1498.7 | 1542.6 | 1566.1 | 1594.4 |
| 17.5° | 1242.9 | 1271.1 | 1286.8 | 1297.8 | 1329.2 | 1360.6 | 1393.5 | 1434.3 | 1490.8 | 1512.8 | 1533.2 |
| 20°   | 1177.0 | 1197.4 | 1214.6 | 1228.7 | 1257.0 | 1304.1 | 1333.9 | 1366.8 | 1420.2 | 1445.3 | 1475.1 |
| 22.5° | 1118.9 | 1136.2 | 1151.9 | 1167.5 | 1186.4 | 1228.7 | 1263.3 | 1308.8 | 1362.1 | 1385.7 | 1420.2 |
| 25°   | 1064.0 | 1081.2 | 1090.6 | 1109.5 | 1134.6 | 1164.4 | 1205.2 | 1246.0 | 1299.4 | 1326.0 | 1359.0 |
| 27.5° | 1010.6 | 1027.9 | 1045.1 | 1060.8 | 1078.1 | 1106.3 | 1134.6 | 1186.4 | 1241.3 | 1272.7 | 1300.9 |
| 30°   | 965.1  | 973.0  | 988.6  | 1005.9 | 1023.2 | 1049.8 | 1082.8 | 1118.9 | 1181.7 | 1209.9 | 1244.4 |
| 32.5° | 914.9  | 929.0  | 940.0  | 952.6  | 974.5  | 996.5  | 1026.3 | 1071.8 | 1122.0 | 1148.7 | 1186.4 |
| 35°   | 867.8  | 880.4  | 888.2  | 910.2  | 924.3  | 947.8  | 977.7  | 1018.5 | 1060.8 | 1090.6 | 1123.6 |
| 37.5° | 822.3  | 834.9  | 844.3  | 856.8  | 875.7  | 896.1  | 927.4  | 957.3  | 1007.5 | 1032.6 | 1070.2 |
| 40°   | 775.2  | 786.2  | 797.2  | 811.3  | 828.6  | 853.7  | 872.5  | 910.2  | 951.0  | 979.2  | 1007.5 |
| 42.5° | 729.7  | 736.0  | 748.5  | 764.2  | 781.5  | 803.5  | 830.1  | 860.0  | 900.8  | 925.9  | 951.0  |
| 45°   | 681.1  | 692.1  | 706.2  | 717.2  | 732.9  | 754.8  | 778.4  | 805.0  | 845.8  | 871.0  | 897.6  |
| 47.5° | 635.6  | 643.4  | 652.8  | 670.1  | 690.5  | 706.2  | 731.3  | 756.4  | 794.1  | 817.6  | 842.7  |
| 50°   | 588.5  | 596.3  | 610.4  | 621.4  | 637.1  | 657.5  | 681.1  | 707.7  | 743.8  | 759.5  | 784.6  |
| 52.5° | 544.5  | 547.7  | 561.8  | 572.8  | 588.5  | 612.0  | 630.9  | 654.4  | 688.9  | 706.2  | 731.3  |
| 55°   | 500.6  | 503.7  | 511.6  | 522.6  | 539.8  | 558.7  | 579.1  | 605.7  | 635.6  | 651.3  | 674.8  |
| 57.5° | 455.1  | 458.2  | 466.1  | 473.9  | 491.2  | 508.4  | 532.0  | 554.0  | 583.8  | 597.9  | 619.9  |
| 60°   | 409.6  | 409.6  | 417.4  | 428.4  | 441.0  | 456.7  | 477.1  | 503.7  | 525.7  | 543.0  | 558.7  |
| 62.5° | 360.9  | 365.6  | 370.4  | 378.2  | 392.3  | 411.2  | 428.4  | 447.2  | 473.9  | 486.5  | 500.6  |
| 65°   | 312.3  | 317.0  | 326.4  | 334.3  | 345.2  | 357.8  | 379.8  | 395.5  | 415.9  | 430.0  | 442.5  |
| 67.5° | 269.9  | 274.6  | 280.9  | 290.3  | 298.2  | 312.3  | 328.0  | 343.7  | 365.6  | 375.1  | 384.5  |
| 70°   | 226.0  | 230.7  | 235.4  | 247.9  | 255.8  | 266.8  | 277.8  | 293.5  | 312.3  | 318.6  | 326.4  |
| 72.5° | 191.5  | 193.0  | 199.3  | 202.4  | 213.4  | 222.8  | 235.4  | 244.8  | 258.9  | 266.8  | 273.1  |
| 75°   | 161.6  | 161.6  | 163.2  | 166.3  | 172.6  | 178.9  | 188.3  | 197.7  | 210.3  | 215.0  | 222.8  |
| 77.5° | 127.1  | 131.8  | 130.3  | 133.4  | 136.5  | 139.7  | 147.5  | 153.8  | 166.3  | 169.5  | 172.6  |
| 80°   | 91.0   | 92.6   | 97.3   | 102.0  | 102.0  | 106.7  | 111.4  | 113.0  | 120.8  | 125.5  | 125.5  |
| 82.5° | 65.9   | 67.5   | 65.9   | 67.5   | 69.0   | 70.6   | 75.3   | 81.6   | 81.6   | 83.2   | 86.3   |
| 85°   | 40.8   | 40.8   | 42.4   | 43.9   | 43.9   | 42.4   | 45.5   | 43.9   | 45.5   | 48.6   | 48.6   |
| 87.5° | 20.4   | 18.8   | 18.8   | 18.8   | 18.8   | 18.8   | 20.4   | 18.8   | 20.4   | 20.4   | 20.4   |
| 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: P1038153

CATALOG NUMBER: S125R3DS-B610DB35-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|       | 345°   | 350°   | 355°   | 360°   |
|-------|--------|--------|--------|--------|
| 0°    | 1911.4 | 1911.4 | 1911.4 | 1911.4 |
| 2.5°  | 1867.4 | 1881.6 | 1895.7 | 1913.0 |
| 5°    | 1829.8 | 1854.9 | 1881.6 | 1906.7 |
| 7.5°  | 1789.0 | 1825.1 | 1859.6 | 1895.7 |
| 10°   | 1743.5 | 1789.0 | 1828.2 | 1878.4 |
| 12.5° | 1693.3 | 1741.9 | 1796.8 | 1853.3 |
| 15°   | 1643.0 | 1704.2 | 1762.3 | 1826.6 |
| 17.5° | 1596.0 | 1654.0 | 1718.4 | 1795.3 |
| 20°   | 1539.5 | 1603.8 | 1676.0 | 1757.6 |
| 22.5° | 1479.8 | 1550.4 | 1628.9 | 1716.8 |
| 25°   | 1429.6 | 1501.8 | 1577.1 | 1669.7 |
| 27.5° | 1374.7 | 1450.0 | 1523.8 | 1622.6 |
| 30°   | 1311.9 | 1393.5 | 1468.8 | 1570.8 |
| 32.5° | 1252.3 | 1333.9 | 1417.1 | 1512.8 |
| 35°   | 1194.2 | 1274.3 | 1357.4 | 1454.7 |
| 37.5° | 1139.3 | 1211.5 | 1293.1 | 1381.0 |
| 40°   | 1087.5 | 1153.4 | 1225.6 | 1305.6 |
| 42.5° | 1021.6 | 1098.5 | 1166.0 | 1224.0 |
| 45°   | 965.1  | 1027.9 | 1090.6 | 1137.7 |
| 47.5° | 899.2  | 962.0  | 1015.3 | 1053.0 |
| 50°   | 844.3  | 894.5  | 938.4  | 971.4  |
| 52.5° | 778.4  | 825.4  | 861.5  | 886.6  |
| 55°   | 714.0  | 754.8  | 786.2  | 803.5  |
| 57.5° | 656.0  | 682.6  | 706.2  | 721.9  |
| 60°   | 591.6  | 612.0  | 632.4  | 649.7  |
| 62.5° | 522.6  | 544.5  | 555.5  | 574.4  |
| 65°   | 461.4  | 475.5  | 492.8  | 499.0  |
| 67.5° | 401.7  | 409.6  | 420.6  | 433.1  |
| 70°   | 339.0  | 343.7  | 354.7  | 371.9  |
| 72.5° | 284.0  | 288.7  | 296.6  | 302.9  |
| 75°   | 226.0  | 230.7  | 237.0  | 243.2  |
| 77.5° | 177.3  | 178.9  | 182.0  | 188.3  |
| 80°   | 128.7  | 133.4  | 136.5  | 138.1  |
| 82.5° | 89.4   | 91.0   | 91.0   | 92.6   |
| 85°   | 56.5   | 53.4   | 53.4   | 54.9   |
| 87.5° | 20.4   | 23.5   | 23.5   | 26.7   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    |

(END OF REPORT)