

Scaled data based on original data using  
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State  
Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions  
(formerly Eaton)

Brand: PORTFOLIO

Report Number: P248957

Luminaire Tested: **LD8B70D010 ER8B70927 8LBSW0B**

Issue Date: 03/03/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P248957  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P13958)  
Test Lab: INNOVATION CENTER-P1  
Issue Date: 03/03/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: PORTFOLIO  
Catalog Number: LD8B70D010 ER8B70927 8LBSW0B  
Description: PORTFOLIO 8 INCH SINGLE WALL WASH DISTRIBUTION 60 DEGREE CUTOFF  
RECESSED DOWNLIGHT  
97 CRI 2700 CCT WITH SPECULAR BLACK TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 4505.6 lumens  
Efficiency: N/A  
Efficacy: 59.4 lumens/watt  
Spacing Criteria (0/90/45): 1.2 / 1.23 / 1.15  
Luminous Opening: Point Source (0' x 0' x 0')  
CIE Type: Direct

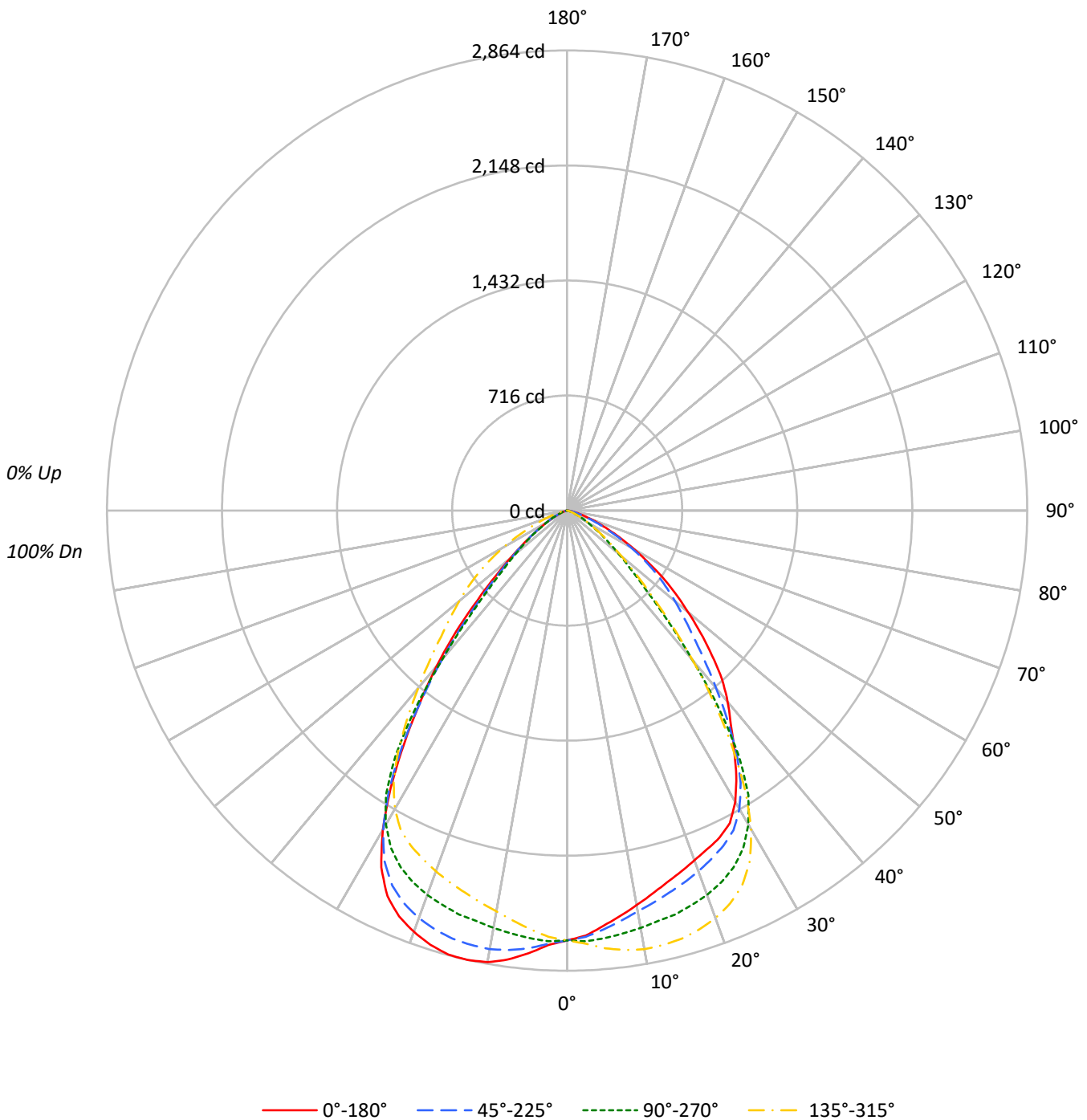
Input Watts (W): 75.9  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Luminous Intensity Polar Plot





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

|     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| RF  | 20  |     |     |     | 20  |     |     |     | 20  |     |     |     | 20  |     |     |     | 20  |     |
| RC  | 80  |     |     |     | 70  |     |     |     | 50  |     |     |     | 30  |     |     |     | 10  | 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   | 112 | 109 | 106 | 103 | 109 | 106 | 104 | 101 | 102 | 100 | 98  | 99  | 97  | 95  | 95  | 94  | 92  | 90  |
| 2   | 105 | 99  | 94  | 89  | 102 | 97  | 92  | 88  | 93  | 90  | 86  | 90  | 87  | 84  | 87  | 85  | 83  | 81  |
| 3   | 98  | 90  | 83  | 78  | 95  | 88  | 82  | 78  | 85  | 80  | 76  | 83  | 79  | 75  | 80  | 77  | 74  | 72  |
| 4   | 91  | 82  | 75  | 70  | 89  | 80  | 74  | 69  | 78  | 73  | 68  | 76  | 71  | 67  | 74  | 70  | 67  | 65  |
| 5   | 85  | 75  | 68  | 62  | 83  | 74  | 67  | 62  | 72  | 66  | 61  | 70  | 65  | 61  | 68  | 64  | 60  | 58  |
| 6   | 80  | 69  | 61  | 56  | 78  | 68  | 61  | 56  | 66  | 60  | 55  | 65  | 59  | 55  | 63  | 58  | 55  | 53  |
| 7   | 75  | 63  | 56  | 51  | 73  | 63  | 56  | 51  | 61  | 55  | 50  | 60  | 54  | 50  | 59  | 54  | 50  | 48  |
| 8   | 70  | 59  | 51  | 46  | 69  | 58  | 51  | 46  | 57  | 50  | 46  | 56  | 50  | 46  | 55  | 49  | 46  | 44  |
| 9   | 66  | 54  | 47  | 42  | 65  | 54  | 47  | 42  | 53  | 47  | 42  | 52  | 46  | 42  | 51  | 46  | 42  | 40  |
| 10  | 62  | 51  | 44  | 39  | 61  | 50  | 44  | 39  | 49  | 43  | 39  | 48  | 43  | 39  | 48  | 42  | 39  | 37  |

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

|     |  |     |      |      |
|-----|--|-----|------|------|
|     | 0°   | 90° | 180° | 270° |
| 0°  | Luminaire represents a point source (luminous area is zero). |     |      |      |
| 5°  | No luminance values can be calculated.                       |     |      |      |
| 10° |  |     |      |      |
| 15° |  |     |      |      |
| 20° |  |     |      |      |
| 25° |  |     |      |      |
| 30° |  |     |      |      |
| 35° |  |     |      |      |
| 40° |  |     |      |      |
| 45° |  |     |      |      |
| 50° |  |     |      |      |
| 55° |  |     |      |      |
| 60° |  |     |      |      |
| 65° |  |     |      |      |
| 70° |  |     |      |      |
| 75° |  |     |      |      |
| 80° |  |     |      |      |
| 85° |  |     |      |      |



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 254.6  | 5.7       |
| 10°-20°   | 737.3  | 16.4      |
| 20°-30°   | 1116.4 | 24.8      |
| 30°-40°   | 1118.9 | 24.8      |
| 40°-50°   | 702.6  | 15.6      |
| 50°-60°   | 374.4  | 8.3       |
| 60°-70°   | 154.0  | 3.4       |
| 70°-80°   | 40.7   | 0.9       |
| 80°-90°   | 6.9    | 0.2       |
| 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°    | 2108.2 | 46.8      |
| 0°-40°    | 3227.1 | 71.6      |
| 0°-60°    | 4304.1 | 95.5      |
| 0°-90°    | 4505.6 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 4505.6 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 90°  | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0°  | 2675 | 2675 | 2675 | 2675 | 2675 |      |
| 5°  | 2594 | 2671 | 2766 | 2671 | 2594 | 245  |
| 15° | 2397 | 2602 | 2860 | 2602 | 2397 | 678  |
| 25° | 2245 | 2450 | 2648 | 2450 | 2245 | 1030 |
| 35° | 1810 | 1861 | 1766 | 1861 | 1810 | 1134 |
| 45° | 1275 | 682  | 789  | 682  | 1275 | 980  |
| 55° | 725  | 252  | 266  | 252  | 725  | 646  |
| 65° | 289  | 77   | 70   | 77   | 289  | 299  |
| 75° | 81   | 16   | 13   | 16   | 81   | 92   |
| 85° | 17   | 0    | 1    | 0    | 17   | 19   |
| 90° | 0    | 0    | 0    | 0    | 0    |      |



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**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 2674.8 | 2674.8 | 2674.8 | 2674.8 | 2674.8 | 2674.8 | 2674.8 | 2674.8 | 2674.8 | 2674.8 | 2674.8 |
| 2.5°  | 2647.5 | 2644.8 | 2643.5 | 2646.1 | 2647.5 | 2652.6 | 2651.4 | 2654.0 | 2654.0 | 2655.2 | 2657.8 |
| 5°    | 2593.9 | 2592.6 | 2593.9 | 2593.9 | 2599.1 | 2604.3 | 2603.0 | 2607.0 | 2609.5 | 2616.1 | 2618.7 |
| 7.5°  | 2544.3 | 2544.3 | 2543.0 | 2548.1 | 2550.8 | 2558.6 | 2557.2 | 2563.9 | 2567.8 | 2574.2 | 2583.5 |
| 10°   | 2493.3 | 2493.3 | 2494.6 | 2498.5 | 2499.9 | 2511.6 | 2511.6 | 2520.7 | 2526.0 | 2532.5 | 2544.3 |
| 12.5° | 2443.7 | 2443.7 | 2451.5 | 2448.9 | 2454.1 | 2463.3 | 2467.1 | 2476.4 | 2484.1 | 2497.3 | 2509.0 |
| 15°   | 2396.6 | 2396.6 | 2399.3 | 2405.8 | 2409.8 | 2421.5 | 2428.0 | 2438.4 | 2447.7 | 2460.7 | 2477.7 |
| 17.5° | 2356.2 | 2354.8 | 2356.2 | 2364.0 | 2371.8 | 2382.3 | 2387.5 | 2400.5 | 2409.8 | 2426.7 | 2442.4 |
| 20°   | 2315.7 | 2318.3 | 2318.3 | 2324.8 | 2330.0 | 2343.2 | 2348.3 | 2362.7 | 2373.2 | 2388.8 | 2407.2 |
| 22.5° | 2280.4 | 2279.1 | 2279.1 | 2288.2 | 2292.2 | 2303.9 | 2309.2 | 2322.2 | 2333.9 | 2347.0 | 2364.0 |
| 25°   | 2245.2 | 2242.5 | 2247.8 | 2249.1 | 2251.7 | 2264.7 | 2268.7 | 2277.8 | 2289.6 | 2301.3 | 2318.3 |
| 27.5° | 2192.8 | 2190.3 | 2191.6 | 2196.8 | 2200.7 | 2211.2 | 2213.8 | 2223.0 | 2232.1 | 2242.5 | 2257.0 |
| 30°   | 2092.3 | 2089.7 | 2088.5 | 2097.6 | 2101.5 | 2109.3 | 2113.2 | 2129.0 | 2131.5 | 2143.2 | 2153.7 |
| 32.5° | 1959.1 | 1957.8 | 1960.4 | 1968.2 | 1972.1 | 1982.6 | 1987.9 | 1997.0 | 2003.5 | 2010.0 | 2020.5 |
| 35°   | 1810.2 | 1807.6 | 1810.2 | 1818.1 | 1818.1 | 1827.2 | 1831.2 | 1835.0 | 1833.8 | 1835.0 | 1832.4 |
| 37.5° | 1671.8 | 1670.5 | 1671.8 | 1675.7 | 1671.8 | 1675.7 | 1671.8 | 1664.0 | 1649.6 | 1634.0 | 1618.2 |
| 40°   | 1554.2 | 1555.5 | 1547.8 | 1553.0 | 1538.6 | 1536.0 | 1521.6 | 1502.0 | 1473.3 | 1441.9 | 1397.5 |
| 42.5° | 1428.9 | 1424.9 | 1419.8 | 1422.3 | 1410.6 | 1401.4 | 1377.9 | 1353.1 | 1316.5 | 1264.3 | 1210.7 |
| 45°   | 1274.7 | 1273.5 | 1270.8 | 1269.6 | 1261.7 | 1252.6 | 1232.9 | 1204.2 | 1163.7 | 1110.1 | 1046.1 |
| 47.5° | 1124.6 | 1120.6 | 1120.6 | 1121.9 | 1112.7 | 1111.5 | 1095.8 | 1071.0 | 1035.7 | 983.5  | 916.9  |
| 50°   | 980.9  | 979.5  | 982.2  | 987.4  | 980.9  | 978.3  | 967.8  | 950.8  | 919.5  | 875.1  | 812.4  |
| 52.5° | 851.5  | 850.3  | 852.9  | 859.4  | 856.8  | 859.4  | 848.9  | 835.9  | 814.9  | 771.9  | 717.1  |
| 55°   | 724.8  | 724.8  | 724.8  | 732.7  | 732.7  | 732.7  | 727.4  | 719.7  | 700.1  | 668.7  | 617.8  |
| 57.5° | 593.0  | 594.2  | 602.1  | 603.4  | 602.1  | 604.7  | 603.4  | 595.6  | 582.5  | 560.4  | 521.1  |
| 60°   | 482.0  | 482.0  | 485.9  | 489.8  | 488.5  | 489.8  | 489.8  | 485.9  | 472.8  | 454.5  | 423.2  |
| 62.5° | 381.4  | 385.3  | 382.6  | 385.3  | 390.5  | 385.3  | 382.6  | 380.0  | 370.9  | 359.2  | 333.0  |
| 65°   | 288.7  | 291.3  | 291.3  | 292.6  | 289.9  | 291.3  | 286.1  | 282.2  | 276.9  | 263.8  | 246.8  |
| 67.5° | 219.5  | 219.5  | 219.5  | 219.5  | 218.1  | 216.8  | 215.6  | 211.6  | 202.5  | 197.2  | 178.9  |
| 70°   | 168.5  | 160.6  | 160.6  | 160.6  | 160.6  | 162.0  | 158.1  | 152.9  | 150.2  | 141.1  | 128.0  |
| 72.5° | 112.3  | 115.0  | 112.3  | 112.3  | 109.7  | 111.0  | 105.8  | 103.2  | 100.6  | 95.4   | 87.5   |
| 75°   | 81.0   | 74.5   | 77.1   | 78.4   | 74.5   | 77.1   | 71.8   | 66.6   | 66.6   | 62.7   | 58.7   |
| 77.5° | 52.2   | 51.0   | 52.2   | 53.6   | 52.2   | 51.0   | 48.4   | 45.7   | 45.7   | 44.4   | 40.5   |
| 80°   | 37.9   | 36.6   | 36.6   | 36.6   | 35.2   | 36.6   | 34.0   | 34.0   | 31.4   | 30.0   | 27.4   |
| 82.5° | 24.9   | 24.9   | 23.5   | 24.9   | 23.5   | 24.9   | 20.9   | 20.9   | 20.9   | 19.6   | 17.0   |
| 85°   | 17.0   | 14.4   | 14.4   | 15.8   | 13.0   | 15.8   | 14.4   | 13.0   | 11.8   | 11.8   | 10.5   |
| 87.5° | 7.9    | 9.1    | 7.9    | 9.1    | 7.9    | 7.9    | 9.1    | 7.9    | 7.9    | 5.2    | 5.2    |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



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**CANDELA DISTRIBUTION (continued):**

|       | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°   | 105°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 2674.8 | 2674.8 | 2674.8 | 2674.8 | 2674.8 | 2674.8 | 2674.8 | 2674.8 | 2674.8 | 2674.8 | 2674.8 |
| 2.5°  | 2661.8 | 2663.1 | 2663.1 | 2668.4 | 2671.0 | 2672.2 | 2672.2 | 2682.7 | 2678.7 | 2681.4 | 2684.0 |
| 5°    | 2624.0 | 2631.7 | 2634.4 | 2634.4 | 2648.7 | 2654.0 | 2659.2 | 2671.0 | 2672.2 | 2680.1 | 2689.2 |
| 7.5°  | 2587.3 | 2596.5 | 2601.8 | 2613.5 | 2622.6 | 2631.7 | 2647.5 | 2655.2 | 2663.1 | 2673.6 | 2685.3 |
| 10°   | 2552.1 | 2562.5 | 2573.0 | 2582.1 | 2596.5 | 2608.2 | 2618.7 | 2637.0 | 2646.1 | 2660.5 | 2676.2 |
| 12.5° | 2518.1 | 2532.5 | 2541.6 | 2557.2 | 2573.0 | 2583.5 | 2599.1 | 2616.1 | 2630.5 | 2644.8 | 2663.1 |
| 15°   | 2488.0 | 2505.0 | 2515.5 | 2532.5 | 2549.5 | 2563.9 | 2580.9 | 2601.8 | 2612.1 | 2629.1 | 2646.1 |
| 17.5° | 2455.4 | 2473.8 | 2486.8 | 2502.5 | 2523.4 | 2539.0 | 2553.4 | 2574.2 | 2587.3 | 2605.6 | 2625.2 |
| 20°   | 2421.5 | 2439.8 | 2455.4 | 2471.1 | 2492.0 | 2507.6 | 2524.6 | 2545.5 | 2559.9 | 2578.2 | 2593.9 |
| 22.5° | 2381.0 | 2397.9 | 2414.9 | 2433.2 | 2454.1 | 2467.1 | 2486.8 | 2505.0 | 2520.7 | 2537.7 | 2553.4 |
| 25°   | 2328.8 | 2349.7 | 2362.7 | 2379.6 | 2396.6 | 2411.0 | 2431.9 | 2450.1 | 2463.3 | 2478.9 | 2493.3 |
| 27.5° | 2267.3 | 2283.1 | 2293.4 | 2307.8 | 2324.8 | 2337.9 | 2353.5 | 2371.8 | 2384.9 | 2399.3 | 2409.8 |
| 30°   | 2162.8 | 2177.2 | 2186.4 | 2196.8 | 2213.8 | 2225.6 | 2238.6 | 2255.6 | 2264.7 | 2275.2 | 2284.3 |
| 32.5° | 2025.7 | 2037.5 | 2042.7 | 2050.5 | 2062.4 | 2074.0 | 2084.5 | 2098.9 | 2102.8 | 2109.3 | 2109.3 |
| 35°   | 1827.2 | 1829.8 | 1828.5 | 1831.2 | 1836.3 | 1842.9 | 1852.0 | 1861.2 | 1866.4 | 1866.4 | 1862.4 |
| 37.5° | 1594.7 | 1579.0 | 1562.1 | 1549.0 | 1545.1 | 1542.5 | 1547.8 | 1551.6 | 1556.9 | 1559.5 | 1553.0 |
| 40°   | 1353.1 | 1317.8 | 1279.9 | 1245.9 | 1222.5 | 1212.1 | 1208.1 | 1210.7 | 1210.7 | 1219.8 | 1219.8 |
| 42.5° | 1145.5 | 1090.6 | 1034.4 | 983.5  | 949.5  | 923.4  | 911.7  | 911.7  | 912.9  | 919.5  | 923.4  |
| 45°   | 973.0  | 903.8  | 838.5  | 782.3  | 735.3  | 701.3  | 685.7  | 681.8  | 680.5  | 683.1  | 692.2  |
| 47.5° | 841.2  | 769.3  | 701.3  | 632.1  | 582.5  | 548.6  | 534.2  | 529.0  | 523.7  | 529.0  | 530.3  |
| 50°   | 738.0  | 663.5  | 591.6  | 522.4  | 470.1  | 440.1  | 421.9  | 414.0  | 412.8  | 412.8  | 415.4  |
| 52.5° | 643.8  | 574.6  | 502.9  | 432.3  | 377.4  | 348.8  | 331.8  | 327.8  | 322.7  | 327.8  | 327.8  |
| 55°   | 555.1  | 485.9  | 415.4  | 348.8  | 303.0  | 273.0  | 257.3  | 252.1  | 249.4  | 253.4  | 253.4  |
| 57.5° | 458.4  | 399.6  | 334.3  | 274.3  | 228.6  | 207.7  | 195.9  | 189.5  | 188.1  | 190.7  | 188.1  |
| 60°   | 376.2  | 326.6  | 270.3  | 215.6  | 180.2  | 158.1  | 149.0  | 146.2  | 143.7  | 146.2  | 146.2  |
| 62.5° | 297.8  | 256.0  | 210.3  | 168.5  | 138.4  | 122.7  | 112.3  | 112.3  | 111.0  | 111.0  | 112.3  |
| 65°   | 220.7  | 188.1  | 155.4  | 120.2  | 96.6   | 84.9   | 77.1   | 77.1   | 75.7   | 77.1   | 75.7   |
| 67.5° | 160.6  | 138.4  | 112.3  | 87.5   | 69.2   | 62.7   | 57.5   | 53.6   | 56.1   | 53.6   | 52.2   |
| 70°   | 117.6  | 99.2   | 81.0   | 66.6   | 53.6   | 47.0   | 43.1   | 41.7   | 39.2   | 39.2   | 39.2   |
| 72.5° | 78.4   | 66.6   | 54.8   | 43.1   | 35.2   | 28.7   | 27.4   | 24.9   | 22.2   | 23.5   | 26.1   |
| 75°   | 52.2   | 44.4   | 39.2   | 31.4   | 23.5   | 23.5   | 15.8   | 15.8   | 13.0   | 15.8   | 11.8   |
| 77.5° | 36.6   | 30.0   | 23.5   | 19.6   | 15.8   | 14.4   | 10.5   | 10.5   | 9.1    | 9.1    | 9.1    |
| 80°   | 26.1   | 22.2   | 17.0   | 14.4   | 10.5   | 10.5   | 9.1    | 7.9    | 6.5    | 6.5    | 7.9    |
| 82.5° | 15.8   | 11.8   | 11.8   | 10.5   | 6.5    | 5.2    | 3.9    | 5.2    | 2.6    | 2.6    | 2.6    |
| 85°   | 9.1    | 7.9    | 6.5    | 3.9    | 2.6    | 2.6    | 1.2    | 0.0    | 1.2    | 1.2    | 0.0    |
| 87.5° | 5.2    | 2.6    | 2.6    | 1.2    | 0.0    | 1.2    | 1.2    | 0.0    | 0.0    | 0.0    | 2.6    |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



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**CANDELA DISTRIBUTION (continued):**

|       | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   | 160°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 2674.8 | 2674.8 | 2674.8 | 2674.8 | 2674.8 | 2674.8 | 2674.8 | 2674.8 | 2674.8 | 2674.8 | 2674.8 |
| 2.5°  | 2690.5 | 2689.2 | 2691.8 | 2691.8 | 2699.7 | 2698.3 | 2702.2 | 2702.2 | 2699.7 | 2701.0 | 2706.2 |
| 5°    | 2699.7 | 2703.6 | 2711.4 | 2718.0 | 2729.7 | 2735.0 | 2741.4 | 2748.0 | 2749.3 | 2753.2 | 2757.2 |
| 7.5°  | 2699.7 | 2712.7 | 2721.9 | 2733.6 | 2749.3 | 2758.4 | 2772.8 | 2784.6 | 2789.8 | 2796.3 | 2804.2 |
| 10°   | 2694.4 | 2707.4 | 2724.4 | 2737.6 | 2757.2 | 2771.5 | 2785.8 | 2804.2 | 2811.9 | 2822.4 | 2832.9 |
| 12.5° | 2684.0 | 2698.3 | 2716.6 | 2733.6 | 2755.8 | 2768.8 | 2787.2 | 2804.2 | 2815.9 | 2830.3 | 2842.1 |
| 15°   | 2668.4 | 2685.3 | 2702.2 | 2719.2 | 2742.8 | 2758.4 | 2775.4 | 2795.0 | 2806.8 | 2822.4 | 2832.9 |
| 17.5° | 2643.5 | 2661.8 | 2677.5 | 2693.1 | 2715.3 | 2733.6 | 2749.3 | 2767.6 | 2779.3 | 2792.4 | 2806.8 |
| 20°   | 2613.5 | 2630.5 | 2647.5 | 2660.5 | 2682.7 | 2698.3 | 2715.3 | 2732.3 | 2741.4 | 2744.1 | 2766.3 |
| 22.5° | 2575.6 | 2587.3 | 2600.4 | 2621.2 | 2634.4 | 2648.7 | 2664.5 | 2680.1 | 2689.2 | 2703.6 | 2711.4 |
| 25°   | 2512.9 | 2524.6 | 2539.0 | 2548.1 | 2563.9 | 2575.6 | 2591.2 | 2608.2 | 2613.5 | 2624.0 | 2631.7 |
| 27.5° | 2425.4 | 2431.9 | 2438.4 | 2446.3 | 2455.4 | 2462.0 | 2471.1 | 2478.9 | 2484.1 | 2489.4 | 2494.6 |
| 30°   | 2286.9 | 2286.9 | 2286.9 | 2281.7 | 2285.7 | 2289.6 | 2290.8 | 2289.6 | 2289.6 | 2288.2 | 2288.2 |
| 32.5° | 2104.1 | 2093.6 | 2081.9 | 2071.5 | 2067.5 | 2062.4 | 2059.6 | 2055.7 | 2049.3 | 2045.4 | 2046.6 |
| 35°   | 1857.3 | 1833.8 | 1819.4 | 1806.3 | 1795.8 | 1788.1 | 1784.1 | 1780.2 | 1778.8 | 1773.7 | 1768.4 |
| 37.5° | 1549.0 | 1532.0 | 1521.6 | 1513.8 | 1504.6 | 1496.8 | 1498.0 | 1499.4 | 1503.2 | 1500.6 | 1502.0 |
| 40°   | 1222.5 | 1218.6 | 1222.5 | 1213.3 | 1210.7 | 1213.3 | 1219.8 | 1229.1 | 1234.2 | 1239.5 | 1248.6 |
| 42.5° | 929.9  | 936.4  | 945.7  | 945.7  | 949.5  | 954.8  | 962.6  | 977.0  | 984.7  | 993.9  | 1004.4 |
| 45°   | 700.1  | 707.8  | 719.7  | 723.6  | 726.2  | 732.7  | 741.8  | 753.6  | 758.8  | 766.7  | 775.8  |
| 47.5° | 539.4  | 544.6  | 551.1  | 557.7  | 564.2  | 566.9  | 576.0  | 576.0  | 582.5  | 587.7  | 590.3  |
| 50°   | 420.5  | 425.8  | 431.0  | 434.9  | 437.5  | 441.4  | 444.0  | 448.0  | 449.2  | 451.9  | 453.2  |
| 52.5° | 329.1  | 335.7  | 335.7  | 338.3  | 342.2  | 346.0  | 344.8  | 346.0  | 347.4  | 347.4  | 351.3  |
| 55°   | 257.3  | 257.3  | 261.2  | 261.2  | 263.8  | 262.5  | 263.8  | 263.8  | 263.8  | 263.8  | 265.2  |
| 57.5° | 191.9  | 193.3  | 197.2  | 194.6  | 193.3  | 195.9  | 193.3  | 195.9  | 194.6  | 197.2  | 193.3  |
| 60°   | 147.6  | 147.6  | 149.0  | 149.0  | 150.2  | 150.2  | 150.2  | 149.0  | 149.0  | 147.6  | 147.6  |
| 62.5° | 111.0  | 112.3  | 113.6  | 112.3  | 112.3  | 112.3  | 111.0  | 111.0  | 109.7  | 108.3  | 108.3  |
| 65°   | 74.5   | 73.1   | 75.7   | 73.1   | 74.5   | 74.5   | 73.1   | 74.5   | 70.5   | 71.8   | 70.5   |
| 67.5° | 53.6   | 52.2   | 51.0   | 52.2   | 51.0   | 49.6   | 49.6   | 51.0   | 52.2   | 48.4   | 48.4   |
| 70°   | 35.2   | 36.6   | 35.2   | 36.6   | 37.9   | 37.9   | 36.6   | 35.2   | 36.6   | 34.0   | 35.2   |
| 72.5° | 22.2   | 22.2   | 22.2   | 22.2   | 22.2   | 23.5   | 23.5   | 23.5   | 20.9   | 20.9   | 19.6   |
| 75°   | 10.5   | 14.4   | 11.8   | 10.5   | 14.4   | 14.4   | 13.0   | 13.0   | 11.8   | 11.8   | 11.8   |
| 77.5° | 10.5   | 7.9    | 7.9    | 7.9    | 7.9    | 7.9    | 7.9    | 7.9    | 6.5    | 7.9    | 6.5    |
| 80°   | 5.2    | 5.2    | 5.2    | 3.9    | 5.2    | 5.2    | 6.5    | 5.2    | 5.2    | 3.9    | 6.5    |
| 82.5° | 2.6    | 2.6    | 2.6    | 0.0    | 1.2    | 2.6    | 2.6    | 1.2    | 2.6    | 2.6    | 1.2    |
| 85°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 87.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 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: P248957

CATALOG NUMBER: LD8B70D010 ER8B70927 8LBSW0B

**CANDELA DISTRIBUTION (continued):**

|       | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 2674.8 | 2674.8 | 2674.8 | 2674.8 | 2674.8 | 2674.8 | 2674.8 | 2674.8 | 2674.8 | 2674.8 | 2674.8 |
| 2.5°  | 2705.0 | 2703.6 | 2705.0 | 2706.2 | 2705.0 | 2703.6 | 2705.0 | 2706.2 | 2701.0 | 2699.7 | 2702.2 |
| 5°    | 2762.3 | 2762.3 | 2764.9 | 2766.3 | 2764.9 | 2762.3 | 2762.3 | 2757.2 | 2753.2 | 2749.3 | 2748.0 |
| 7.5°  | 2811.9 | 2814.6 | 2817.2 | 2818.5 | 2817.2 | 2814.6 | 2811.9 | 2804.2 | 2796.3 | 2789.8 | 2784.6 |
| 10°   | 2842.1 | 2845.9 | 2851.2 | 2853.8 | 2851.2 | 2845.9 | 2842.1 | 2832.9 | 2822.4 | 2811.9 | 2804.2 |
| 12.5° | 2855.1 | 2859.1 | 2865.5 | 2864.2 | 2865.5 | 2859.1 | 2855.1 | 2842.1 | 2830.3 | 2815.9 | 2804.2 |
| 15°   | 2845.9 | 2851.2 | 2857.7 | 2860.3 | 2857.7 | 2851.2 | 2845.9 | 2832.9 | 2822.4 | 2806.8 | 2795.0 |
| 17.5° | 2817.2 | 2825.1 | 2828.9 | 2832.9 | 2828.9 | 2825.1 | 2817.2 | 2806.8 | 2792.4 | 2779.3 | 2767.6 |
| 20°   | 2778.0 | 2783.2 | 2788.5 | 2789.8 | 2788.5 | 2783.2 | 2778.0 | 2766.3 | 2744.1 | 2741.4 | 2732.3 |
| 22.5° | 2721.9 | 2725.8 | 2737.6 | 2733.6 | 2737.6 | 2725.8 | 2721.9 | 2711.4 | 2703.6 | 2689.2 | 2680.1 |
| 25°   | 2640.8 | 2644.8 | 2646.1 | 2647.5 | 2646.1 | 2644.8 | 2640.8 | 2631.7 | 2624.0 | 2613.5 | 2608.2 |
| 27.5° | 2501.1 | 2501.1 | 2503.7 | 2505.0 | 2503.7 | 2501.1 | 2501.1 | 2494.6 | 2489.4 | 2484.1 | 2478.9 |
| 30°   | 2289.6 | 2289.6 | 2289.6 | 2296.1 | 2289.6 | 2289.6 | 2289.6 | 2288.2 | 2288.2 | 2289.6 | 2289.6 |
| 32.5° | 2045.4 | 2042.7 | 2040.1 | 2042.7 | 2040.1 | 2042.7 | 2045.4 | 2046.6 | 2045.4 | 2049.3 | 2055.7 |
| 35°   | 1768.4 | 1767.2 | 1771.1 | 1765.8 | 1771.1 | 1767.2 | 1768.4 | 1768.4 | 1773.7 | 1778.8 | 1780.2 |
| 37.5° | 1503.2 | 1500.6 | 1505.9 | 1500.6 | 1505.9 | 1500.6 | 1503.2 | 1502.0 | 1500.6 | 1503.2 | 1499.4 |
| 40°   | 1251.2 | 1253.8 | 1253.8 | 1264.3 | 1253.8 | 1253.8 | 1251.2 | 1248.6 | 1239.5 | 1234.2 | 1229.1 |
| 42.5° | 1009.6 | 1017.4 | 1014.9 | 1022.6 | 1014.9 | 1017.4 | 1009.6 | 1004.4 | 993.9  | 984.7  | 977.0  |
| 45°   | 781.0  | 786.3  | 786.3  | 788.8  | 786.3  | 786.3  | 781.0  | 775.8  | 766.7  | 758.8  | 753.6  |
| 47.5° | 599.5  | 599.5  | 599.5  | 600.9  | 599.5  | 599.5  | 599.5  | 590.3  | 587.7  | 582.5  | 576.0  |
| 50°   | 455.8  | 457.1  | 458.4  | 459.8  | 458.4  | 457.1  | 455.8  | 453.2  | 451.9  | 449.2  | 448.0  |
| 52.5° | 350.0  | 351.3  | 348.8  | 351.3  | 348.8  | 351.3  | 350.0  | 351.3  | 347.4  | 347.4  | 346.0  |
| 55°   | 265.2  | 263.8  | 265.2  | 266.4  | 265.2  | 263.8  | 265.2  | 265.2  | 263.8  | 263.8  | 263.8  |
| 57.5° | 194.6  | 191.9  | 191.9  | 191.9  | 191.9  | 191.9  | 194.6  | 193.3  | 197.2  | 194.6  | 195.9  |
| 60°   | 145.0  | 146.2  | 146.2  | 147.6  | 146.2  | 146.2  | 145.0  | 147.6  | 147.6  | 149.0  | 149.0  |
| 62.5° | 107.1  | 111.0  | 108.3  | 111.0  | 108.3  | 111.0  | 107.1  | 108.3  | 108.3  | 109.7  | 111.0  |
| 65°   | 69.2   | 69.2   | 69.2   | 70.5   | 69.2   | 69.2   | 69.2   | 70.5   | 71.8   | 70.5   | 74.5   |
| 67.5° | 47.0   | 48.4   | 51.0   | 49.6   | 51.0   | 48.4   | 47.0   | 48.4   | 48.4   | 52.2   | 51.0   |
| 70°   | 37.9   | 34.0   | 34.0   | 37.9   | 34.0   | 34.0   | 37.9   | 35.2   | 34.0   | 36.6   | 35.2   |
| 72.5° | 22.2   | 19.6   | 22.2   | 22.2   | 22.2   | 19.6   | 22.2   | 19.6   | 20.9   | 20.9   | 23.5   |
| 75°   | 11.8   | 10.5   | 9.1    | 13.0   | 9.1    | 10.5   | 11.8   | 11.8   | 11.8   | 11.8   | 13.0   |
| 77.5° | 7.9    | 6.5    | 9.1    | 9.1    | 9.1    | 6.5    | 7.9    | 6.5    | 7.9    | 6.5    | 7.9    |
| 80°   | 3.9    | 5.2    | 3.9    | 6.5    | 3.9    | 5.2    | 3.9    | 6.5    | 3.9    | 5.2    | 5.2    |
| 82.5° | 1.2    | 2.6    | 2.6    | 2.6    | 2.6    | 2.6    | 1.2    | 1.2    | 2.6    | 2.6    | 1.2    |
| 85°   | 0.0    | 2.6    | 1.2    | 1.2    | 1.2    | 2.6    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 87.5° | 1.2    | 0.0    | 0.0    | 1.2    | 0.0    | 0.0    | 1.2    | 0.0    | 0.0    | 0.0    | 0.0    |
| 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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CATALOG NUMBER: LD8B70D010 ER8B70927 8LBSW0B

**CANDELA DISTRIBUTION (continued):**

|       | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°   | 265°   | 270°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 2674.8 | 2674.8 | 2674.8 | 2674.8 | 2674.8 | 2674.8 | 2674.8 | 2674.8 | 2674.8 | 2674.8 | 2674.8 |
| 2.5°  | 2702.2 | 2698.3 | 2699.7 | 2691.8 | 2691.8 | 2689.2 | 2690.5 | 2684.0 | 2681.4 | 2678.7 | 2682.7 |
| 5°    | 2741.4 | 2735.0 | 2729.7 | 2718.0 | 2711.4 | 2703.6 | 2699.7 | 2689.2 | 2680.1 | 2672.2 | 2671.0 |
| 7.5°  | 2772.8 | 2758.4 | 2749.3 | 2733.6 | 2721.9 | 2712.7 | 2699.7 | 2685.3 | 2673.6 | 2663.1 | 2655.2 |
| 10°   | 2785.8 | 2771.5 | 2757.2 | 2737.6 | 2724.4 | 2707.4 | 2694.4 | 2676.2 | 2660.5 | 2646.1 | 2637.0 |
| 12.5° | 2787.2 | 2768.8 | 2755.8 | 2733.6 | 2716.6 | 2698.3 | 2684.0 | 2663.1 | 2644.8 | 2630.5 | 2616.1 |
| 15°   | 2775.4 | 2758.4 | 2742.8 | 2719.2 | 2702.2 | 2685.3 | 2668.4 | 2646.1 | 2629.1 | 2612.1 | 2601.8 |
| 17.5° | 2749.3 | 2733.6 | 2715.3 | 2693.1 | 2677.5 | 2661.8 | 2643.5 | 2625.2 | 2605.6 | 2587.3 | 2574.2 |
| 20°   | 2715.3 | 2698.3 | 2682.7 | 2660.5 | 2647.5 | 2630.5 | 2613.5 | 2593.9 | 2578.2 | 2559.9 | 2545.5 |
| 22.5° | 2664.5 | 2648.7 | 2634.4 | 2621.2 | 2600.4 | 2587.3 | 2575.6 | 2553.4 | 2537.7 | 2520.7 | 2505.0 |
| 25°   | 2591.2 | 2575.6 | 2563.9 | 2548.1 | 2539.0 | 2524.6 | 2512.9 | 2493.3 | 2478.9 | 2463.3 | 2450.1 |
| 27.5° | 2471.1 | 2462.0 | 2455.4 | 2446.3 | 2438.4 | 2431.9 | 2425.4 | 2409.8 | 2399.3 | 2384.9 | 2371.8 |
| 30°   | 2290.8 | 2289.6 | 2285.7 | 2281.7 | 2286.9 | 2286.9 | 2286.9 | 2284.3 | 2275.2 | 2264.7 | 2255.6 |
| 32.5° | 2059.6 | 2062.4 | 2067.5 | 2071.5 | 2081.9 | 2093.6 | 2104.1 | 2109.3 | 2109.3 | 2102.8 | 2098.9 |
| 35°   | 1784.1 | 1788.1 | 1795.8 | 1806.3 | 1819.4 | 1833.8 | 1857.3 | 1862.4 | 1866.4 | 1866.4 | 1861.2 |
| 37.5° | 1498.0 | 1496.8 | 1504.6 | 1513.8 | 1521.6 | 1532.0 | 1549.0 | 1553.0 | 1559.5 | 1556.9 | 1551.6 |
| 40°   | 1219.8 | 1213.3 | 1210.7 | 1213.3 | 1222.5 | 1218.6 | 1222.5 | 1219.8 | 1219.8 | 1210.7 | 1210.7 |
| 42.5° | 962.6  | 954.8  | 949.5  | 945.7  | 945.7  | 936.4  | 929.9  | 923.4  | 919.5  | 912.9  | 911.7  |
| 45°   | 741.8  | 732.7  | 726.2  | 723.6  | 719.7  | 707.8  | 700.1  | 692.2  | 683.1  | 680.5  | 681.8  |
| 47.5° | 576.0  | 566.9  | 564.2  | 557.7  | 551.1  | 544.6  | 539.4  | 530.3  | 529.0  | 523.7  | 529.0  |
| 50°   | 444.0  | 441.4  | 437.5  | 434.9  | 431.0  | 425.8  | 420.5  | 415.4  | 412.8  | 412.8  | 414.0  |
| 52.5° | 344.8  | 346.0  | 342.2  | 338.3  | 335.7  | 335.7  | 329.1  | 327.8  | 327.8  | 322.7  | 327.8  |
| 55°   | 263.8  | 262.5  | 263.8  | 261.2  | 261.2  | 257.3  | 257.3  | 253.4  | 253.4  | 249.4  | 252.1  |
| 57.5° | 193.3  | 195.9  | 193.3  | 194.6  | 197.2  | 193.3  | 191.9  | 188.1  | 190.7  | 188.1  | 189.5  |
| 60°   | 150.2  | 150.2  | 150.2  | 149.0  | 149.0  | 147.6  | 147.6  | 146.2  | 146.2  | 143.7  | 146.2  |
| 62.5° | 111.0  | 112.3  | 112.3  | 112.3  | 113.6  | 112.3  | 111.0  | 112.3  | 111.0  | 111.0  | 112.3  |
| 65°   | 73.1   | 74.5   | 74.5   | 73.1   | 75.7   | 73.1   | 74.5   | 75.7   | 77.1   | 75.7   | 77.1   |
| 67.5° | 49.6   | 49.6   | 51.0   | 52.2   | 51.0   | 52.2   | 53.6   | 52.2   | 53.6   | 56.1   | 53.6   |
| 70°   | 36.6   | 37.9   | 37.9   | 36.6   | 35.2   | 36.6   | 35.2   | 39.2   | 39.2   | 39.2   | 41.7   |
| 72.5° | 23.5   | 23.5   | 22.2   | 22.2   | 22.2   | 22.2   | 22.2   | 26.1   | 23.5   | 22.2   | 24.9   |
| 75°   | 13.0   | 14.4   | 14.4   | 10.5   | 11.8   | 14.4   | 10.5   | 11.8   | 15.8   | 13.0   | 15.8   |
| 77.5° | 7.9    | 7.9    | 7.9    | 7.9    | 7.9    | 7.9    | 10.5   | 9.1    | 9.1    | 9.1    | 10.5   |
| 80°   | 6.5    | 5.2    | 5.2    | 3.9    | 5.2    | 5.2    | 5.2    | 7.9    | 6.5    | 6.5    | 7.9    |
| 82.5° | 2.6    | 2.6    | 1.2    | 0.0    | 2.6    | 2.6    | 2.6    | 2.6    | 2.6    | 2.6    | 5.2    |
| 85°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 1.2    | 1.2    | 0.0    |
| 87.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 2.6    | 0.0    | 0.0    | 0.0    |
| 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):**

|       | 275°   | 280°   | 285°   | 290°   | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 2674.8 | 2674.8 | 2674.8 | 2674.8 | 2674.8 | 2674.8 | 2674.8 | 2674.8 | 2674.8 | 2674.8 | 2674.8 |
| 2.5°  | 2672.2 | 2672.2 | 2671.0 | 2668.4 | 2663.1 | 2663.1 | 2661.8 | 2657.8 | 2655.2 | 2654.0 | 2654.0 |
| 5°    | 2659.2 | 2654.0 | 2648.7 | 2634.4 | 2634.4 | 2631.7 | 2624.0 | 2618.7 | 2616.1 | 2609.5 | 2607.0 |
| 7.5°  | 2647.5 | 2631.7 | 2622.6 | 2613.5 | 2601.8 | 2596.5 | 2587.3 | 2583.5 | 2574.2 | 2567.8 | 2563.9 |
| 10°   | 2618.7 | 2608.2 | 2596.5 | 2582.1 | 2573.0 | 2562.5 | 2552.1 | 2544.3 | 2532.5 | 2526.0 | 2520.7 |
| 12.5° | 2599.1 | 2583.5 | 2573.0 | 2557.2 | 2541.6 | 2532.5 | 2518.1 | 2509.0 | 2497.3 | 2484.1 | 2476.4 |
| 15°   | 2580.9 | 2563.9 | 2549.5 | 2532.5 | 2515.5 | 2505.0 | 2488.0 | 2477.7 | 2460.7 | 2447.7 | 2438.4 |
| 17.5° | 2553.4 | 2539.0 | 2523.4 | 2502.5 | 2486.8 | 2473.8 | 2455.4 | 2442.4 | 2426.7 | 2409.8 | 2400.5 |
| 20°   | 2524.6 | 2507.6 | 2492.0 | 2471.1 | 2455.4 | 2439.8 | 2421.5 | 2407.2 | 2388.8 | 2373.2 | 2362.7 |
| 22.5° | 2486.8 | 2467.1 | 2454.1 | 2433.2 | 2414.9 | 2397.9 | 2381.0 | 2364.0 | 2347.0 | 2333.9 | 2322.2 |
| 25°   | 2431.9 | 2411.0 | 2396.6 | 2379.6 | 2362.7 | 2349.7 | 2328.8 | 2318.3 | 2301.3 | 2289.6 | 2277.8 |
| 27.5° | 2353.5 | 2337.9 | 2324.8 | 2307.8 | 2293.4 | 2283.1 | 2267.3 | 2257.0 | 2242.5 | 2232.1 | 2223.0 |
| 30°   | 2238.6 | 2225.6 | 2213.8 | 2196.8 | 2186.4 | 2177.2 | 2162.8 | 2153.7 | 2143.2 | 2131.5 | 2129.0 |
| 32.5° | 2084.5 | 2074.0 | 2062.4 | 2050.5 | 2042.7 | 2037.5 | 2025.7 | 2020.5 | 2010.0 | 2003.5 | 1997.0 |
| 35°   | 1852.0 | 1842.9 | 1836.3 | 1831.2 | 1828.5 | 1829.8 | 1827.2 | 1832.4 | 1835.0 | 1833.8 | 1835.0 |
| 37.5° | 1547.8 | 1542.5 | 1545.1 | 1549.0 | 1562.1 | 1579.0 | 1594.7 | 1618.2 | 1634.0 | 1649.6 | 1664.0 |
| 40°   | 1208.1 | 1212.1 | 1222.5 | 1245.9 | 1279.9 | 1317.8 | 1353.1 | 1397.5 | 1441.9 | 1473.3 | 1502.0 |
| 42.5° | 911.7  | 923.4  | 949.5  | 983.5  | 1034.4 | 1090.6 | 1145.5 | 1210.7 | 1264.3 | 1316.5 | 1353.1 |
| 45°   | 685.7  | 701.3  | 735.3  | 782.3  | 838.5  | 903.8  | 973.0  | 1046.1 | 1110.1 | 1163.7 | 1204.2 |
| 47.5° | 534.2  | 548.6  | 582.5  | 632.1  | 701.3  | 769.3  | 841.2  | 916.9  | 983.5  | 1035.7 | 1071.0 |
| 50°   | 421.9  | 440.1  | 470.1  | 522.4  | 591.6  | 663.5  | 738.0  | 812.4  | 875.1  | 919.5  | 950.8  |
| 52.5° | 331.8  | 348.8  | 377.4  | 432.3  | 502.9  | 574.6  | 643.8  | 717.1  | 771.9  | 814.9  | 835.9  |
| 55°   | 257.3  | 273.0  | 303.0  | 348.8  | 415.4  | 485.9  | 555.1  | 617.8  | 668.7  | 700.1  | 719.7  |
| 57.5° | 195.9  | 207.7  | 228.6  | 274.3  | 334.3  | 399.6  | 458.4  | 521.1  | 560.4  | 582.5  | 595.6  |
| 60°   | 149.0  | 158.1  | 180.2  | 215.6  | 270.3  | 326.6  | 376.2  | 423.2  | 454.5  | 472.8  | 485.9  |
| 62.5° | 112.3  | 122.7  | 138.4  | 168.5  | 210.3  | 256.0  | 297.8  | 333.0  | 359.2  | 370.9  | 380.0  |
| 65°   | 77.1   | 84.9   | 96.6   | 120.2  | 155.4  | 188.1  | 220.7  | 246.8  | 263.8  | 276.9  | 282.2  |
| 67.5° | 57.5   | 62.7   | 69.2   | 87.5   | 112.3  | 138.4  | 160.6  | 178.9  | 197.2  | 202.5  | 211.6  |
| 70°   | 43.1   | 47.0   | 53.6   | 66.6   | 81.0   | 99.2   | 117.6  | 128.0  | 141.1  | 150.2  | 152.9  |
| 72.5° | 27.4   | 28.7   | 35.2   | 43.1   | 54.8   | 66.6   | 78.4   | 87.5   | 95.4   | 100.6  | 103.2  |
| 75°   | 15.8   | 23.5   | 23.5   | 31.4   | 39.2   | 44.4   | 52.2   | 58.7   | 62.7   | 66.6   | 66.6   |
| 77.5° | 10.5   | 14.4   | 15.8   | 19.6   | 23.5   | 30.0   | 36.6   | 40.5   | 44.4   | 45.7   | 45.7   |
| 80°   | 9.1    | 10.5   | 10.5   | 14.4   | 17.0   | 22.2   | 26.1   | 27.4   | 30.0   | 31.4   | 34.0   |
| 82.5° | 3.9    | 5.2    | 6.5    | 10.5   | 11.8   | 11.8   | 15.8   | 17.0   | 19.6   | 20.9   | 20.9   |
| 85°   | 1.2    | 2.6    | 2.6    | 3.9    | 6.5    | 7.9    | 9.1    | 10.5   | 11.8   | 11.8   | 13.0   |
| 87.5° | 1.2    | 1.2    | 0.0    | 1.2    | 2.6    | 2.6    | 5.2    | 5.2    | 5.2    | 7.9    | 7.9    |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



TEST NUMBER: P248957

CATALOG NUMBER: LD8B70D010 ER8B70927 8LBSW0B

**CANDELA DISTRIBUTION (continued):**

|       | 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|-------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 2674.8 | 2674.8 | 2674.8 | 2674.8 | 2674.8 | 2674.8 | 2674.8 |
| 2.5°  | 2651.4 | 2652.6 | 2647.5 | 2646.1 | 2643.5 | 2644.8 | 2647.5 |
| 5°    | 2603.0 | 2604.3 | 2599.1 | 2593.9 | 2593.9 | 2592.6 | 2593.9 |
| 7.5°  | 2557.2 | 2558.6 | 2550.8 | 2548.1 | 2543.0 | 2544.3 | 2544.3 |
| 10°   | 2511.6 | 2511.6 | 2499.9 | 2498.5 | 2494.6 | 2493.3 | 2493.3 |
| 12.5° | 2467.1 | 2463.3 | 2454.1 | 2448.9 | 2451.5 | 2443.7 | 2443.7 |
| 15°   | 2428.0 | 2421.5 | 2409.8 | 2405.8 | 2399.3 | 2396.6 | 2396.6 |
| 17.5° | 2387.5 | 2382.3 | 2371.8 | 2364.0 | 2356.2 | 2354.8 | 2356.2 |
| 20°   | 2348.3 | 2343.2 | 2330.0 | 2324.8 | 2318.3 | 2318.3 | 2315.7 |
| 22.5° | 2309.2 | 2303.9 | 2292.2 | 2288.2 | 2279.1 | 2279.1 | 2280.4 |
| 25°   | 2268.7 | 2264.7 | 2251.7 | 2249.1 | 2247.8 | 2242.5 | 2245.2 |
| 27.5° | 2213.8 | 2211.2 | 2200.7 | 2196.8 | 2191.6 | 2190.3 | 2192.8 |
| 30°   | 2113.2 | 2109.3 | 2101.5 | 2097.6 | 2088.5 | 2089.7 | 2092.3 |
| 32.5° | 1987.9 | 1982.6 | 1972.1 | 1968.2 | 1960.4 | 1957.8 | 1959.1 |
| 35°   | 1831.2 | 1827.2 | 1818.1 | 1818.1 | 1810.2 | 1807.6 | 1810.2 |
| 37.5° | 1671.8 | 1675.7 | 1671.8 | 1675.7 | 1671.8 | 1670.5 | 1671.8 |
| 40°   | 1521.6 | 1536.0 | 1538.6 | 1553.0 | 1547.8 | 1555.5 | 1554.2 |
| 42.5° | 1377.9 | 1401.4 | 1410.6 | 1422.3 | 1419.8 | 1424.9 | 1428.9 |
| 45°   | 1232.9 | 1252.6 | 1261.7 | 1269.6 | 1270.8 | 1273.5 | 1274.7 |
| 47.5° | 1095.8 | 1111.5 | 1112.7 | 1121.9 | 1120.6 | 1120.6 | 1124.6 |
| 50°   | 967.8  | 978.3  | 980.9  | 987.4  | 982.2  | 979.5  | 980.9  |
| 52.5° | 848.9  | 859.4  | 856.8  | 859.4  | 852.9  | 850.3  | 851.5  |
| 55°   | 727.4  | 732.7  | 732.7  | 732.7  | 724.8  | 724.8  | 724.8  |
| 57.5° | 603.4  | 604.7  | 602.1  | 603.4  | 602.1  | 594.2  | 593.0  |
| 60°   | 489.8  | 489.8  | 488.5  | 489.8  | 485.9  | 482.0  | 482.0  |
| 62.5° | 382.6  | 385.3  | 390.5  | 385.3  | 382.6  | 385.3  | 381.4  |
| 65°   | 286.1  | 291.3  | 289.9  | 292.6  | 291.3  | 291.3  | 288.7  |
| 67.5° | 215.6  | 216.8  | 218.1  | 219.5  | 219.5  | 219.5  | 219.5  |
| 70°   | 158.1  | 162.0  | 160.6  | 160.6  | 160.6  | 160.6  | 168.5  |
| 72.5° | 105.8  | 111.0  | 109.7  | 112.3  | 112.3  | 115.0  | 112.3  |
| 75°   | 71.8   | 77.1   | 74.5   | 78.4   | 77.1   | 74.5   | 81.0   |
| 77.5° | 48.4   | 51.0   | 52.2   | 53.6   | 52.2   | 51.0   | 52.2   |
| 80°   | 34.0   | 36.6   | 35.2   | 36.6   | 36.6   | 36.6   | 37.9   |
| 82.5° | 20.9   | 24.9   | 23.5   | 24.9   | 23.5   | 24.9   | 24.9   |
| 85°   | 14.4   | 15.8   | 13.0   | 15.8   | 14.4   | 14.4   | 17.0   |
| 87.5° | 9.1    | 7.9    | 7.9    | 9.1    | 7.9    | 9.1    | 7.9    |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

(END OF REPORT)