

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: P246005

Luminaire Tested: **LD8B50D010 ER8B50935 8LBSW0MW**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P246005
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: LD8B50D010 ER8B50935 8LBSW0MW
Description: PORTFOLIO 8 INCH SINGLE WALL WASH DISTRIBUTION 60 DEGREE CUTOFF
RECESSED DOWNLIGHT
90 CRI 3500 CCT WITH MATTE WHITE TRIM
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4646.0 lumens
Efficiency: N/A
Efficacy: 87.7 lumens/watt
Spacing Criteria (0/90/45): 1.2 / 1.23 / 1.15
Luminous Opening: Circular (Dia: 0.67' x H: 0')
CIE Type: Direct

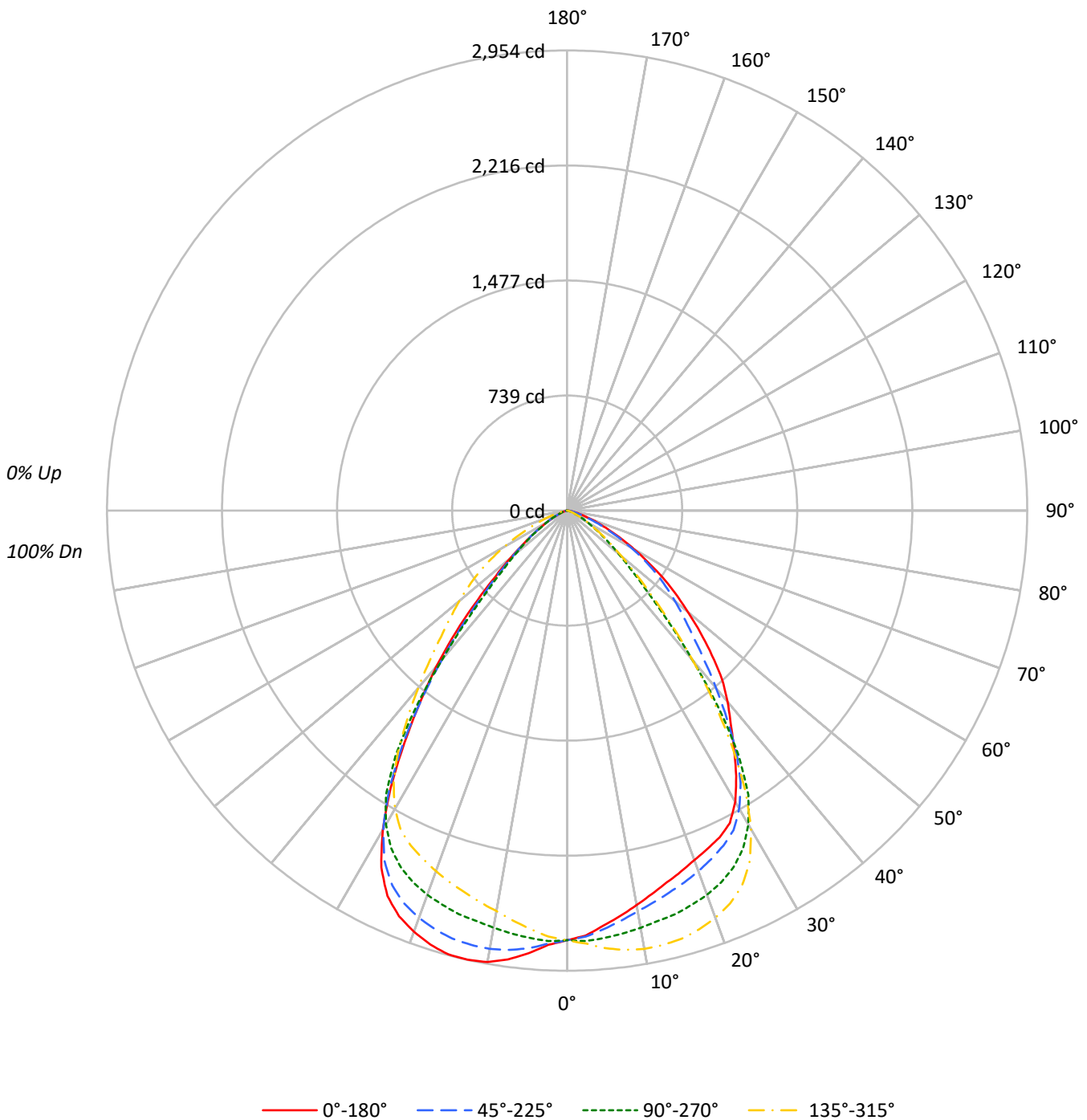
Input Watts (W): 53
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P246005

CATALOG NUMBER: LD8B50D010 ER8B50935 8LBSW0MW

Luminous Intensity Polar Plot





TEST NUMBER: P246005

CATALOG NUMBER: LD8B50D010 ER8B50935 8LBSW0MW

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 | 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 | | | | | 100 | | | |
| 1 | 112 | 109 | 106 | 103 | 109 | 106 | 104 | 101 | 102 | 100 | 98 | 99 | 97 | 95 | 95 | 94 | 92 | 90 | | | | | 90 | | | |
| 2 | 105 | 99 | 94 | 89 | 102 | 97 | 92 | 88 | 93 | 90 | 86 | 90 | 87 | 84 | 87 | 85 | 83 | 81 | | | | | 81 | | | |
| 3 | 98 | 90 | 83 | 78 | 95 | 88 | 82 | 78 | 85 | 80 | 76 | 83 | 79 | 75 | 80 | 77 | 74 | 72 | | | | | 72 | | | |
| 4 | 91 | 82 | 75 | 70 | 89 | 80 | 74 | 69 | 78 | 73 | 68 | 76 | 71 | 67 | 74 | 70 | 67 | 65 | | | | | 65 | | | |
| 5 | 85 | 75 | 68 | 62 | 83 | 74 | 67 | 62 | 72 | 66 | 61 | 70 | 65 | 61 | 68 | 64 | 60 | 58 | | | | | 58 | | | |
| 6 | 80 | 69 | 61 | 56 | 78 | 68 | 61 | 56 | 66 | 60 | 55 | 65 | 59 | 55 | 63 | 58 | 55 | 53 | | | | | 53 | | | |
| 7 | 75 | 63 | 56 | 51 | 73 | 63 | 56 | 51 | 61 | 55 | 50 | 60 | 54 | 50 | 59 | 54 | 50 | 48 | | | | | 48 | | | |
| 8 | 70 | 59 | 51 | 46 | 69 | 58 | 51 | 46 | 57 | 50 | 46 | 56 | 50 | 46 | 55 | 49 | 46 | 44 | | | | | 44 | | | |
| 9 | 66 | 54 | 47 | 42 | 65 | 54 | 47 | 42 | 53 | 47 | 42 | 52 | 46 | 42 | 51 | 46 | 42 | 40 | | | | | 40 | | | |
| 10 | 62 | 51 | 44 | 39 | 61 | 50 | 44 | 39 | 49 | 43 | 39 | 48 | 43 | 39 | 48 | 42 | 39 | 37 | | | | | 37 | | | |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 85053 | 85053 | 85053 | 85053 |
| 5° | 82793 | 85251 | 88297 | 85251 |
| 10° | 80503 | 85140 | 92142 | 85140 |
| 15° | 78894 | 85646 | 94157 | 85646 |
| 20° | 78356 | 86137 | 94400 | 86137 |
| 25° | 78769 | 85962 | 92882 | 85962 |
| 30° | 76821 | 82818 | 84302 | 82818 |
| 35° | 70267 | 72243 | 68543 | 72243 |
| 40° | 64515 | 50253 | 52479 | 50253 |
| 45° | 57324 | 30657 | 35472 | 30657 |
| 50° | 48520 | 20480 | 22744 | 20480 |
| 55° | 40187 | 13973 | 14768 | 13973 |
| 60° | 30651 | 9300 | 9387 | 9300 |
| 65° | 21714 | 5793 | 5305 | 5793 |
| 70° | 15661 | 3886 | 3525 | 3886 |
| 75° | 9948 | 1930 | 1608 | 1930 |
| 80° | 6943 | 1438 | 1190 | 1438 |
| 85° | 6192 | 0 | 460 | 0 |



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 262.5 | 5.7 |
| 10°-20° | 760.2 | 16.4 |
| 20°-30° | 1151.2 | 24.8 |
| 30°-40° | 1153.7 | 24.8 |
| 40°-50° | 724.5 | 15.6 |
| 50°-60° | 386.1 | 8.3 |
| 60°-70° | 158.8 | 3.4 |
| 70°-80° | 41.9 | 0.9 |
| 80°-90° | 7.1 | 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° | 2173.9 | 46.8 |
| 0°-40° | 3327.6 | 71.6 |
| 0°-60° | 4438.2 | 95.5 |
| 0°-90° | 4646.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 4646.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0° | 2758 | 2758 | 2758 | 2758 | 2758 | |
| 5° | 2675 | 2754 | 2852 | 2754 | 2675 | 252 |
| 15° | 2471 | 2683 | 2949 | 2683 | 2471 | 699 |
| 25° | 2315 | 2526 | 2730 | 2526 | 2315 | 1062 |
| 35° | 1867 | 1919 | 1821 | 1919 | 1867 | 1169 |
| 45° | 1314 | 703 | 813 | 703 | 1314 | 1011 |
| 55° | 748 | 260 | 275 | 260 | 748 | 666 |
| 65° | 298 | 79 | 73 | 79 | 298 | 309 |
| 75° | 84 | 16 | 14 | 16 | 84 | 95 |
| 85° | 18 | 0 | 1 | 0 | 18 | 19 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P246005

CATALOG NUMBER: LD8B50D010 ER8B50935 8LBSW0MW

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2758.2 | 2758.2 | 2758.2 | 2758.2 | 2758.2 | 2758.2 | 2758.2 | 2758.2 | 2758.2 | 2758.2 | 2758.2 |
| 2.5° | 2729.9 | 2727.2 | 2725.9 | 2728.6 | 2729.9 | 2735.3 | 2734.0 | 2736.6 | 2736.6 | 2738.0 | 2740.7 |
| 5° | 2674.7 | 2673.3 | 2674.7 | 2674.7 | 2680.1 | 2685.5 | 2684.1 | 2688.2 | 2690.8 | 2697.6 | 2700.3 |
| 7.5° | 2623.5 | 2623.5 | 2622.1 | 2627.5 | 2630.2 | 2638.3 | 2636.9 | 2643.7 | 2647.8 | 2654.5 | 2663.9 |
| 10° | 2571.0 | 2571.0 | 2572.3 | 2576.4 | 2577.7 | 2589.8 | 2589.8 | 2599.3 | 2604.6 | 2611.4 | 2623.5 |
| 12.5° | 2519.8 | 2519.8 | 2527.9 | 2525.2 | 2530.6 | 2540.0 | 2544.0 | 2553.5 | 2561.6 | 2575.0 | 2587.2 |
| 15° | 2471.3 | 2471.3 | 2474.0 | 2480.7 | 2484.8 | 2496.9 | 2503.6 | 2514.4 | 2523.9 | 2537.3 | 2554.9 |
| 17.5° | 2429.6 | 2428.2 | 2429.6 | 2437.7 | 2445.8 | 2456.5 | 2461.9 | 2475.4 | 2484.8 | 2502.3 | 2518.5 |
| 20° | 2387.8 | 2390.5 | 2390.5 | 2397.3 | 2402.6 | 2416.1 | 2421.5 | 2436.3 | 2447.1 | 2463.2 | 2482.1 |
| 22.5° | 2351.5 | 2350.1 | 2350.1 | 2359.6 | 2363.6 | 2375.7 | 2381.1 | 2394.5 | 2406.7 | 2420.1 | 2437.7 |
| 25° | 2315.1 | 2312.4 | 2317.8 | 2319.1 | 2321.8 | 2335.3 | 2339.3 | 2348.7 | 2360.9 | 2373.0 | 2390.5 |
| 27.5° | 2261.2 | 2258.6 | 2259.9 | 2265.3 | 2269.3 | 2280.1 | 2282.8 | 2292.2 | 2301.6 | 2312.4 | 2327.2 |
| 30° | 2157.5 | 2154.8 | 2153.5 | 2162.9 | 2167.0 | 2175.0 | 2179.1 | 2195.2 | 2197.9 | 2210.0 | 2220.8 |
| 32.5° | 2020.1 | 2018.8 | 2021.5 | 2029.6 | 2033.6 | 2044.4 | 2049.8 | 2059.2 | 2065.9 | 2072.7 | 2083.4 |
| 35° | 1866.6 | 1863.9 | 1866.6 | 1874.7 | 1874.7 | 1884.2 | 1888.2 | 1892.2 | 1890.9 | 1892.2 | 1889.5 |
| 37.5° | 1723.9 | 1722.5 | 1723.9 | 1727.9 | 1723.9 | 1727.9 | 1723.9 | 1715.8 | 1701.0 | 1684.8 | 1668.6 |
| 40° | 1602.7 | 1604.0 | 1596.0 | 1601.3 | 1586.5 | 1583.8 | 1569.0 | 1548.8 | 1519.2 | 1486.9 | 1441.1 |
| 42.5° | 1473.4 | 1469.3 | 1464.0 | 1466.6 | 1454.5 | 1445.1 | 1420.8 | 1395.3 | 1357.5 | 1303.7 | 1248.4 |
| 45° | 1314.5 | 1313.1 | 1310.4 | 1309.1 | 1301.0 | 1291.6 | 1271.3 | 1241.7 | 1200.0 | 1144.8 | 1078.7 |
| 47.5° | 1159.6 | 1155.5 | 1155.5 | 1156.9 | 1147.4 | 1146.1 | 1129.9 | 1104.4 | 1068.0 | 1014.1 | 945.4 |
| 50° | 1011.4 | 1010.1 | 1012.8 | 1018.2 | 1011.4 | 1008.7 | 998.0 | 980.5 | 948.1 | 902.4 | 837.7 |
| 52.5° | 878.1 | 876.7 | 879.5 | 886.2 | 883.5 | 886.2 | 875.4 | 861.9 | 840.4 | 795.9 | 739.4 |
| 55° | 747.5 | 747.5 | 747.5 | 755.5 | 755.5 | 755.5 | 750.1 | 742.1 | 721.9 | 689.5 | 637.0 |
| 57.5° | 611.4 | 612.8 | 620.9 | 622.2 | 620.9 | 623.6 | 622.2 | 614.1 | 600.7 | 577.8 | 537.4 |
| 60° | 497.0 | 497.0 | 501.0 | 505.1 | 503.7 | 505.1 | 505.1 | 501.0 | 487.5 | 468.7 | 436.4 |
| 62.5° | 393.3 | 397.3 | 394.6 | 397.3 | 402.7 | 397.3 | 394.6 | 391.9 | 382.5 | 370.4 | 343.4 |
| 65° | 297.6 | 300.3 | 300.3 | 301.7 | 299.0 | 300.3 | 295.0 | 290.9 | 285.5 | 272.1 | 254.6 |
| 67.5° | 226.3 | 226.3 | 226.3 | 226.3 | 224.9 | 223.6 | 222.2 | 218.2 | 208.8 | 203.4 | 184.5 |
| 70° | 173.7 | 165.6 | 165.6 | 165.6 | 165.6 | 167.0 | 163.0 | 157.6 | 154.9 | 145.5 | 132.0 |
| 72.5° | 115.8 | 118.5 | 115.8 | 115.8 | 113.1 | 114.5 | 109.1 | 106.4 | 103.7 | 98.3 | 90.2 |
| 75° | 83.5 | 76.8 | 79.4 | 80.8 | 76.8 | 79.4 | 74.1 | 68.7 | 68.7 | 64.6 | 60.6 |
| 77.5° | 53.9 | 52.6 | 53.9 | 55.2 | 53.9 | 52.6 | 49.8 | 47.1 | 47.1 | 45.8 | 41.7 |
| 80° | 39.1 | 37.7 | 37.7 | 37.7 | 36.4 | 37.7 | 35.0 | 35.0 | 32.3 | 31.0 | 28.3 |
| 82.5° | 25.6 | 25.6 | 24.2 | 25.6 | 24.2 | 25.6 | 21.6 | 21.6 | 21.6 | 20.2 | 17.5 |
| 85° | 17.5 | 14.8 | 14.8 | 16.2 | 13.5 | 16.2 | 14.8 | 13.5 | 12.1 | 12.1 | 10.8 |
| 87.5° | 8.1 | 9.4 | 8.1 | 9.4 | 8.1 | 8.1 | 9.4 | 8.1 | 8.1 | 5.4 | 5.4 |
| 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: P246005

CATALOG NUMBER: LD8B50D010 ER8B50935 8LBSW0MW

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2758.2 | 2758.2 | 2758.2 | 2758.2 | 2758.2 | 2758.2 | 2758.2 | 2758.2 | 2758.2 | 2758.2 | 2758.2 |
| 2.5° | 2744.7 | 2746.0 | 2746.0 | 2751.5 | 2754.1 | 2755.5 | 2755.5 | 2766.3 | 2762.2 | 2764.9 | 2767.6 |
| 5° | 2705.7 | 2713.7 | 2716.4 | 2716.4 | 2731.2 | 2736.6 | 2742.0 | 2754.1 | 2755.5 | 2763.6 | 2773.0 |
| 7.5° | 2667.9 | 2677.4 | 2682.8 | 2694.9 | 2704.3 | 2713.7 | 2729.9 | 2738.0 | 2746.0 | 2756.9 | 2768.9 |
| 10° | 2631.6 | 2642.4 | 2653.1 | 2662.6 | 2677.4 | 2689.5 | 2700.3 | 2719.1 | 2728.6 | 2743.4 | 2759.5 |
| 12.5° | 2596.6 | 2611.4 | 2620.8 | 2636.9 | 2653.1 | 2663.9 | 2680.1 | 2697.6 | 2712.4 | 2727.2 | 2746.0 |
| 15° | 2565.6 | 2583.1 | 2593.9 | 2611.4 | 2628.9 | 2643.7 | 2661.2 | 2682.8 | 2693.5 | 2711.1 | 2728.6 |
| 17.5° | 2531.9 | 2550.8 | 2564.3 | 2580.4 | 2602.0 | 2618.1 | 2633.0 | 2654.5 | 2667.9 | 2686.8 | 2707.0 |
| 20° | 2496.9 | 2515.8 | 2531.9 | 2548.1 | 2569.7 | 2585.8 | 2603.3 | 2624.9 | 2639.7 | 2658.5 | 2674.7 |
| 22.5° | 2455.2 | 2472.7 | 2490.2 | 2509.0 | 2530.6 | 2544.0 | 2564.3 | 2583.1 | 2599.3 | 2616.8 | 2633.0 |
| 25° | 2401.3 | 2422.9 | 2436.3 | 2453.8 | 2471.3 | 2486.1 | 2507.7 | 2526.5 | 2540.0 | 2556.2 | 2571.0 |
| 27.5° | 2338.0 | 2354.2 | 2364.9 | 2379.7 | 2397.3 | 2410.7 | 2426.9 | 2445.8 | 2459.2 | 2474.0 | 2484.8 |
| 30° | 2230.2 | 2245.1 | 2254.5 | 2265.3 | 2282.8 | 2294.9 | 2308.4 | 2325.9 | 2335.3 | 2346.1 | 2355.5 |
| 32.5° | 2088.8 | 2101.0 | 2106.3 | 2114.4 | 2126.6 | 2138.7 | 2149.5 | 2164.3 | 2168.3 | 2175.0 | 2175.0 |
| 35° | 1884.2 | 1886.8 | 1885.5 | 1888.2 | 1893.6 | 1900.3 | 1909.7 | 1919.1 | 1924.5 | 1924.5 | 1920.5 |
| 37.5° | 1644.4 | 1628.3 | 1610.8 | 1597.3 | 1593.2 | 1590.5 | 1596.0 | 1599.9 | 1605.4 | 1608.0 | 1601.3 |
| 40° | 1395.3 | 1358.9 | 1319.8 | 1284.8 | 1260.6 | 1249.8 | 1245.8 | 1248.4 | 1248.4 | 1257.9 | 1257.9 |
| 42.5° | 1181.1 | 1124.5 | 1066.7 | 1014.1 | 979.1 | 952.2 | 940.1 | 940.1 | 941.4 | 948.1 | 952.2 |
| 45° | 1003.4 | 932.0 | 864.6 | 806.7 | 758.2 | 723.2 | 707.1 | 703.0 | 701.7 | 704.3 | 713.8 |
| 47.5° | 867.3 | 793.3 | 723.2 | 651.9 | 600.7 | 565.7 | 550.8 | 545.4 | 540.0 | 545.4 | 546.8 |
| 50° | 760.9 | 684.2 | 610.1 | 538.7 | 484.8 | 453.8 | 435.0 | 426.9 | 425.6 | 425.6 | 428.3 |
| 52.5° | 663.9 | 592.6 | 518.5 | 445.8 | 389.2 | 359.6 | 342.1 | 338.0 | 332.7 | 338.0 | 338.0 |
| 55° | 572.4 | 501.0 | 428.3 | 359.6 | 312.4 | 281.5 | 265.3 | 259.9 | 257.2 | 261.3 | 261.3 |
| 57.5° | 472.7 | 412.1 | 344.8 | 282.8 | 235.7 | 214.1 | 202.0 | 195.3 | 193.9 | 196.6 | 193.9 |
| 60° | 387.9 | 336.7 | 278.8 | 222.2 | 185.9 | 163.0 | 153.6 | 150.8 | 148.1 | 150.8 | 150.8 |
| 62.5° | 307.0 | 264.0 | 216.8 | 173.7 | 142.7 | 126.6 | 115.8 | 115.8 | 114.5 | 114.5 | 115.8 |
| 65° | 227.6 | 193.9 | 160.3 | 123.9 | 99.7 | 87.5 | 79.4 | 79.4 | 78.1 | 79.4 | 78.1 |
| 67.5° | 165.6 | 142.7 | 115.8 | 90.2 | 71.4 | 64.6 | 59.3 | 55.2 | 57.9 | 55.2 | 53.9 |
| 70° | 121.2 | 102.3 | 83.5 | 68.7 | 55.2 | 48.5 | 44.5 | 43.1 | 40.4 | 40.4 | 40.4 |
| 72.5° | 80.8 | 68.7 | 56.5 | 44.5 | 36.4 | 29.6 | 28.3 | 25.6 | 22.9 | 24.2 | 26.9 |
| 75° | 53.9 | 45.8 | 40.4 | 32.3 | 24.2 | 24.2 | 16.2 | 16.2 | 13.5 | 16.2 | 12.1 |
| 77.5° | 37.7 | 31.0 | 24.2 | 20.2 | 16.2 | 14.8 | 10.8 | 10.8 | 9.4 | 9.4 | 9.4 |
| 80° | 26.9 | 22.9 | 17.5 | 14.8 | 10.8 | 10.8 | 9.4 | 8.1 | 6.7 | 6.7 | 8.1 |
| 82.5° | 16.2 | 12.1 | 12.1 | 10.8 | 6.7 | 5.4 | 4.0 | 5.4 | 2.7 | 2.7 | 2.7 |
| 85° | 9.4 | 8.1 | 6.7 | 4.0 | 2.7 | 2.7 | 1.3 | 0.0 | 1.3 | 1.3 | 0.0 |
| 87.5° | 5.4 | 2.7 | 2.7 | 1.3 | 0.0 | 1.3 | 1.3 | 0.0 | 0.0 | 0.0 | 2.7 |
| 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: P246005

CATALOG NUMBER: LD8B50D010 ER8B50935 8LBSW0MW

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2758.2 | 2758.2 | 2758.2 | 2758.2 | 2758.2 | 2758.2 | 2758.2 | 2758.2 | 2758.2 | 2758.2 | 2758.2 |
| 2.5° | 2774.4 | 2773.0 | 2775.7 | 2775.7 | 2783.8 | 2782.4 | 2786.5 | 2786.5 | 2783.8 | 2785.1 | 2790.5 |
| 5° | 2783.8 | 2787.8 | 2795.9 | 2802.6 | 2814.7 | 2820.2 | 2826.9 | 2833.6 | 2835.0 | 2839.0 | 2843.1 |
| 7.5° | 2783.8 | 2797.3 | 2806.7 | 2818.8 | 2835.0 | 2844.4 | 2859.2 | 2871.3 | 2876.7 | 2883.4 | 2891.5 |
| 10° | 2778.4 | 2791.8 | 2809.3 | 2822.8 | 2843.1 | 2857.9 | 2872.7 | 2891.5 | 2899.6 | 2910.3 | 2921.2 |
| 12.5° | 2767.6 | 2782.4 | 2801.3 | 2818.8 | 2841.7 | 2855.1 | 2874.0 | 2891.5 | 2903.6 | 2918.4 | 2930.6 |
| 15° | 2751.5 | 2768.9 | 2786.5 | 2804.0 | 2828.2 | 2844.4 | 2861.9 | 2882.1 | 2894.2 | 2910.3 | 2921.2 |
| 17.5° | 2725.9 | 2744.7 | 2760.9 | 2777.0 | 2799.9 | 2818.8 | 2835.0 | 2853.8 | 2865.9 | 2879.4 | 2894.2 |
| 20° | 2694.9 | 2712.4 | 2729.9 | 2743.4 | 2766.3 | 2782.4 | 2799.9 | 2817.4 | 2826.9 | 2829.6 | 2852.5 |
| 22.5° | 2655.9 | 2667.9 | 2681.4 | 2703.0 | 2716.4 | 2731.2 | 2747.4 | 2763.6 | 2773.0 | 2787.8 | 2795.9 |
| 25° | 2591.2 | 2603.3 | 2618.1 | 2627.5 | 2643.7 | 2655.9 | 2672.0 | 2689.5 | 2694.9 | 2705.7 | 2713.7 |
| 27.5° | 2501.0 | 2507.7 | 2514.4 | 2522.5 | 2531.9 | 2538.7 | 2548.1 | 2556.2 | 2561.6 | 2566.9 | 2572.3 |
| 30° | 2358.2 | 2358.2 | 2358.2 | 2352.8 | 2356.8 | 2360.9 | 2362.2 | 2360.9 | 2360.9 | 2359.6 | 2359.6 |
| 32.5° | 2169.6 | 2158.9 | 2146.7 | 2136.0 | 2131.9 | 2126.6 | 2123.8 | 2119.8 | 2113.1 | 2109.0 | 2110.4 |
| 35° | 1915.1 | 1890.9 | 1876.1 | 1862.6 | 1851.8 | 1843.7 | 1839.7 | 1835.6 | 1834.3 | 1828.9 | 1823.5 |
| 37.5° | 1597.3 | 1579.8 | 1569.0 | 1560.9 | 1551.5 | 1543.4 | 1544.7 | 1546.1 | 1550.1 | 1547.4 | 1548.8 |
| 40° | 1260.6 | 1256.5 | 1260.6 | 1251.1 | 1248.4 | 1251.1 | 1257.9 | 1267.3 | 1272.7 | 1278.1 | 1287.5 |
| 42.5° | 958.9 | 965.6 | 975.1 | 975.1 | 979.1 | 984.5 | 992.5 | 1007.4 | 1015.4 | 1024.9 | 1035.7 |
| 45° | 721.9 | 730.0 | 742.1 | 746.1 | 748.8 | 755.5 | 765.0 | 777.1 | 782.5 | 790.5 | 800.0 |
| 47.5° | 556.2 | 561.6 | 568.3 | 575.1 | 581.8 | 584.5 | 593.9 | 593.9 | 600.7 | 606.1 | 608.7 |
| 50° | 433.7 | 439.0 | 444.4 | 448.5 | 451.2 | 455.2 | 457.9 | 461.9 | 463.3 | 466.0 | 467.3 |
| 52.5° | 339.4 | 346.1 | 346.1 | 348.8 | 352.8 | 356.9 | 355.6 | 356.9 | 358.2 | 358.2 | 362.3 |
| 55° | 265.3 | 265.3 | 269.4 | 269.4 | 272.1 | 270.7 | 272.1 | 272.1 | 272.1 | 272.1 | 273.4 |
| 57.5° | 198.0 | 199.3 | 203.4 | 200.7 | 199.3 | 202.0 | 199.3 | 202.0 | 200.7 | 203.4 | 199.3 |
| 60° | 152.2 | 152.2 | 153.6 | 153.6 | 154.9 | 154.9 | 154.9 | 153.6 | 153.6 | 152.2 | 152.2 |
| 62.5° | 114.5 | 115.8 | 117.2 | 115.8 | 115.8 | 115.8 | 114.5 | 114.5 | 113.1 | 111.8 | 111.8 |
| 65° | 76.8 | 75.4 | 78.1 | 75.4 | 76.8 | 76.8 | 75.4 | 76.8 | 72.7 | 74.1 | 72.7 |
| 67.5° | 55.2 | 53.9 | 52.6 | 53.9 | 52.6 | 51.2 | 51.2 | 52.6 | 53.9 | 49.8 | 49.8 |
| 70° | 36.4 | 37.7 | 36.4 | 37.7 | 39.1 | 39.1 | 37.7 | 36.4 | 37.7 | 35.0 | 36.4 |
| 72.5° | 22.9 | 22.9 | 22.9 | 22.9 | 22.9 | 24.2 | 24.2 | 24.2 | 21.6 | 21.6 | 20.2 |
| 75° | 10.8 | 14.8 | 12.1 | 10.8 | 14.8 | 14.8 | 13.5 | 13.5 | 12.1 | 12.1 | 12.1 |
| 77.5° | 10.8 | 8.1 | 8.1 | 8.1 | 8.1 | 8.1 | 8.1 | 8.1 | 6.7 | 8.1 | 6.7 |
| 80° | 5.4 | 5.4 | 5.4 | 4.0 | 5.4 | 5.4 | 6.7 | 5.4 | 5.4 | 4.0 | 6.7 |
| 82.5° | 2.7 | 2.7 | 2.7 | 0.0 | 1.3 | 2.7 | 2.7 | 1.3 | 2.7 | 2.7 | 1.3 |
| 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: P246005

CATALOG NUMBER: LD8B50D010 ER8B50935 8LBSW0MW

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2758.2 | 2758.2 | 2758.2 | 2758.2 | 2758.2 | 2758.2 | 2758.2 | 2758.2 | 2758.2 | 2758.2 | 2758.2 |
| 2.5° | 2789.2 | 2787.8 | 2789.2 | 2790.5 | 2789.2 | 2787.8 | 2789.2 | 2790.5 | 2785.1 | 2783.8 | 2786.5 |
| 5° | 2848.4 | 2848.4 | 2851.1 | 2852.5 | 2851.1 | 2848.4 | 2848.4 | 2843.1 | 2839.0 | 2835.0 | 2833.6 |
| 7.5° | 2899.6 | 2902.3 | 2905.0 | 2906.3 | 2905.0 | 2902.3 | 2899.6 | 2891.5 | 2883.4 | 2876.7 | 2871.3 |
| 10° | 2930.6 | 2934.6 | 2940.0 | 2942.7 | 2940.0 | 2934.6 | 2930.6 | 2921.2 | 2910.3 | 2899.6 | 2891.5 |
| 12.5° | 2944.1 | 2948.1 | 2954.8 | 2953.5 | 2954.8 | 2948.1 | 2944.1 | 2930.6 | 2918.4 | 2903.6 | 2891.5 |
| 15° | 2934.6 | 2940.0 | 2946.7 | 2949.4 | 2946.7 | 2940.0 | 2934.6 | 2921.2 | 2910.3 | 2894.2 | 2882.1 |
| 17.5° | 2905.0 | 2913.1 | 2917.1 | 2921.2 | 2917.1 | 2913.1 | 2905.0 | 2894.2 | 2879.4 | 2865.9 | 2853.8 |
| 20° | 2864.6 | 2870.0 | 2875.4 | 2876.7 | 2875.4 | 2870.0 | 2864.6 | 2852.5 | 2829.6 | 2826.9 | 2817.4 |
| 22.5° | 2806.7 | 2810.7 | 2822.8 | 2818.8 | 2822.8 | 2810.7 | 2806.7 | 2795.9 | 2787.8 | 2773.0 | 2763.6 |
| 25° | 2723.1 | 2727.2 | 2728.6 | 2729.9 | 2728.6 | 2727.2 | 2723.1 | 2713.7 | 2705.7 | 2694.9 | 2689.5 |
| 27.5° | 2579.1 | 2579.1 | 2581.7 | 2583.1 | 2581.7 | 2579.1 | 2579.1 | 2572.3 | 2566.9 | 2561.6 | 2556.2 |
| 30° | 2360.9 | 2360.9 | 2360.9 | 2367.6 | 2360.9 | 2360.9 | 2360.9 | 2359.6 | 2359.6 | 2360.9 | 2360.9 |
| 32.5° | 2109.0 | 2106.3 | 2103.7 | 2106.3 | 2103.7 | 2106.3 | 2109.0 | 2110.4 | 2109.0 | 2113.1 | 2119.8 |
| 35° | 1823.5 | 1822.2 | 1826.2 | 1820.8 | 1826.2 | 1822.2 | 1823.5 | 1823.5 | 1828.9 | 1834.3 | 1835.6 |
| 37.5° | 1550.1 | 1547.4 | 1552.8 | 1547.4 | 1552.8 | 1547.4 | 1550.1 | 1548.8 | 1547.4 | 1550.1 | 1546.1 |
| 40° | 1290.2 | 1292.9 | 1292.9 | 1303.7 | 1292.9 | 1292.9 | 1290.2 | 1287.5 | 1278.1 | 1272.7 | 1267.3 |
| 42.5° | 1041.1 | 1049.1 | 1046.4 | 1054.5 | 1046.4 | 1049.1 | 1041.1 | 1035.7 | 1024.9 | 1015.4 | 1007.4 |
| 45° | 805.3 | 810.8 | 810.8 | 813.4 | 810.8 | 810.8 | 805.3 | 800.0 | 790.5 | 782.5 | 777.1 |
| 47.5° | 618.1 | 618.1 | 618.1 | 619.5 | 618.1 | 618.1 | 618.1 | 608.7 | 606.1 | 600.7 | 593.9 |
| 50° | 470.0 | 471.4 | 472.7 | 474.1 | 472.7 | 471.4 | 470.0 | 467.3 | 466.0 | 463.3 | 461.9 |
| 52.5° | 360.9 | 362.3 | 359.6 | 362.3 | 359.6 | 362.3 | 360.9 | 362.3 | 358.2 | 358.2 | 356.9 |
| 55° | 273.4 | 272.1 | 273.4 | 274.7 | 273.4 | 272.1 | 273.4 | 273.4 | 272.1 | 272.1 | 272.1 |
| 57.5° | 200.7 | 198.0 | 198.0 | 198.0 | 198.0 | 198.0 | 200.7 | 199.3 | 203.4 | 200.7 | 202.0 |
| 60° | 149.5 | 150.8 | 150.8 | 152.2 | 150.8 | 150.8 | 149.5 | 152.2 | 152.2 | 153.6 | 153.6 |
| 62.5° | 110.4 | 114.5 | 111.8 | 114.5 | 111.8 | 114.5 | 110.4 | 111.8 | 111.8 | 113.1 | 114.5 |
| 65° | 71.4 | 71.4 | 71.4 | 72.7 | 71.4 | 71.4 | 71.4 | 72.7 | 74.1 | 72.7 | 76.8 |
| 67.5° | 48.5 | 49.8 | 52.6 | 51.2 | 52.6 | 49.8 | 48.5 | 49.8 | 49.8 | 53.9 | 52.6 |
| 70° | 39.1 | 35.0 | 35.0 | 39.1 | 35.0 | 35.0 | 39.1 | 36.4 | 35.0 | 37.7 | 36.4 |
| 72.5° | 22.9 | 20.2 | 22.9 | 22.9 | 22.9 | 20.2 | 22.9 | 20.2 | 21.6 | 21.6 | 24.2 |
| 75° | 12.1 | 10.8 | 9.4 | 13.5 | 9.4 | 10.8 | 12.1 | 12.1 | 12.1 | 12.1 | 13.5 |
| 77.5° | 8.1 | 6.7 | 9.4 | 9.4 | 9.4 | 6.7 | 8.1 | 6.7 | 8.1 | 6.7 | 8.1 |
| 80° | 4.0 | 5.4 | 4.0 | 6.7 | 4.0 | 5.4 | 4.0 | 6.7 | 4.0 | 5.4 | 5.4 |
| 82.5° | 1.3 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 1.3 | 1.3 | 2.7 | 2.7 | 1.3 |
| 85° | 0.0 | 2.7 | 1.3 | 1.3 | 1.3 | 2.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 1.3 | 0.0 | 0.0 | 1.3 | 0.0 | 0.0 | 1.3 | 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: P246005

CATALOG NUMBER: LD8B50D010 ER8B50935 8LBSW0MW

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2758.2 | 2758.2 | 2758.2 | 2758.2 | 2758.2 | 2758.2 | 2758.2 | 2758.2 | 2758.2 | 2758.2 | 2758.2 |
| 2.5° | 2786.5 | 2782.4 | 2783.8 | 2775.7 | 2775.7 | 2773.0 | 2774.4 | 2767.6 | 2764.9 | 2762.2 | 2766.3 |
| 5° | 2826.9 | 2820.2 | 2814.7 | 2802.6 | 2795.9 | 2787.8 | 2783.8 | 2773.0 | 2763.6 | 2755.5 | 2754.1 |
| 7.5° | 2859.2 | 2844.4 | 2835.0 | 2818.8 | 2806.7 | 2797.3 | 2783.8 | 2768.9 | 2756.9 | 2746.0 | 2738.0 |
| 10° | 2872.7 | 2857.9 | 2843.1 | 2822.8 | 2809.3 | 2791.8 | 2778.4 | 2759.5 | 2743.4 | 2728.6 | 2719.1 |
| 12.5° | 2874.0 | 2855.1 | 2841.7 | 2818.8 | 2801.3 | 2782.4 | 2767.6 | 2746.0 | 2727.2 | 2712.4 | 2697.6 |
| 15° | 2861.9 | 2844.4 | 2828.2 | 2804.0 | 2786.5 | 2768.9 | 2751.5 | 2728.6 | 2711.1 | 2693.5 | 2682.8 |
| 17.5° | 2835.0 | 2818.8 | 2799.9 | 2777.0 | 2760.9 | 2744.7 | 2725.9 | 2707.0 | 2686.8 | 2667.9 | 2654.5 |
| 20° | 2799.9 | 2782.4 | 2766.3 | 2743.4 | 2729.9 | 2712.4 | 2694.9 | 2674.7 | 2658.5 | 2639.7 | 2624.9 |
| 22.5° | 2747.4 | 2731.2 | 2716.4 | 2703.0 | 2681.4 | 2667.9 | 2655.9 | 2633.0 | 2616.8 | 2599.3 | 2583.1 |
| 25° | 2672.0 | 2655.9 | 2643.7 | 2627.5 | 2618.1 | 2603.3 | 2591.2 | 2571.0 | 2556.2 | 2540.0 | 2526.5 |
| 27.5° | 2548.1 | 2538.7 | 2531.9 | 2522.5 | 2514.4 | 2507.7 | 2501.0 | 2484.8 | 2474.0 | 2459.2 | 2445.8 |
| 30° | 2362.2 | 2360.9 | 2356.8 | 2352.8 | 2358.2 | 2358.2 | 2358.2 | 2355.5 | 2346.1 | 2335.3 | 2325.9 |
| 32.5° | 2123.8 | 2126.6 | 2131.9 | 2136.0 | 2146.7 | 2158.9 | 2169.6 | 2175.0 | 2175.0 | 2168.3 | 2164.3 |
| 35° | 1839.7 | 1843.7 | 1851.8 | 1862.6 | 1876.1 | 1890.9 | 1915.1 | 1920.5 | 1924.5 | 1924.5 | 1919.1 |
| 37.5° | 1544.7 | 1543.4 | 1551.5 | 1560.9 | 1569.0 | 1579.8 | 1597.3 | 1601.3 | 1608.0 | 1605.4 | 1599.9 |
| 40° | 1257.9 | 1251.1 | 1248.4 | 1251.1 | 1260.6 | 1256.5 | 1260.6 | 1257.9 | 1257.9 | 1248.4 | 1248.4 |
| 42.5° | 992.5 | 984.5 | 979.1 | 975.1 | 975.1 | 965.6 | 958.9 | 952.2 | 948.1 | 941.4 | 940.1 |
| 45° | 765.0 | 755.5 | 748.8 | 746.1 | 742.1 | 730.0 | 721.9 | 713.8 | 704.3 | 701.7 | 703.0 |
| 47.5° | 593.9 | 584.5 | 581.8 | 575.1 | 568.3 | 561.6 | 556.2 | 546.8 | 545.4 | 540.0 | 545.4 |
| 50° | 457.9 | 455.2 | 451.2 | 448.5 | 444.4 | 439.0 | 433.7 | 428.3 | 425.6 | 425.6 | 426.9 |
| 52.5° | 355.6 | 356.9 | 352.8 | 348.8 | 346.1 | 346.1 | 339.4 | 338.0 | 338.0 | 332.7 | 338.0 |
| 55° | 272.1 | 270.7 | 272.1 | 269.4 | 269.4 | 265.3 | 265.3 | 261.3 | 261.3 | 257.2 | 259.9 |
| 57.5° | 199.3 | 202.0 | 199.3 | 200.7 | 203.4 | 199.3 | 198.0 | 193.9 | 196.6 | 193.9 | 195.3 |
| 60° | 154.9 | 154.9 | 154.9 | 153.6 | 153.6 | 152.2 | 152.2 | 150.8 | 150.8 | 148.1 | 150.8 |
| 62.5° | 114.5 | 115.8 | 115.8 | 115.8 | 117.2 | 115.8 | 114.5 | 115.8 | 114.5 | 114.5 | 115.8 |
| 65° | 75.4 | 76.8 | 76.8 | 75.4 | 78.1 | 75.4 | 76.8 | 78.1 | 79.4 | 78.1 | 79.4 |
| 67.5° | 51.2 | 51.2 | 52.6 | 53.9 | 52.6 | 53.9 | 55.2 | 53.9 | 55.2 | 57.9 | 55.2 |
| 70° | 37.7 | 39.1 | 39.1 | 37.7 | 36.4 | 37.7 | 36.4 | 40.4 | 40.4 | 40.4 | 43.1 |
| 72.5° | 24.2 | 24.2 | 22.9 | 22.9 | 22.9 | 22.9 | 22.9 | 26.9 | 24.2 | 22.9 | 25.6 |
| 75° | 13.5 | 14.8 | 14.8 | 10.8 | 12.1 | 14.8 | 10.8 | 12.1 | 16.2 | 13.5 | 16.2 |
| 77.5° | 8.1 | 8.1 | 8.1 | 8.1 | 8.1 | 8.1 | 10.8 | 9.4 | 9.4 | 9.4 | 10.8 |
| 80° | 6.7 | 5.4 | 5.4 | 4.0 | 5.4 | 5.4 | 5.4 | 8.1 | 6.7 | 6.7 | 8.1 |
| 82.5° | 2.7 | 2.7 | 1.3 | 0.0 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 5.4 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.3 | 1.3 | 0.0 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.7 | 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: P246005

CATALOG NUMBER: LD8B50D010 ER8B50935 8LBSW0MW

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2758.2 | 2758.2 | 2758.2 | 2758.2 | 2758.2 | 2758.2 | 2758.2 | 2758.2 | 2758.2 | 2758.2 | 2758.2 |
| 2.5° | 2755.5 | 2755.5 | 2754.1 | 2751.5 | 2746.0 | 2746.0 | 2744.7 | 2740.7 | 2738.0 | 2736.6 | 2736.6 |
| 5° | 2742.0 | 2736.6 | 2731.2 | 2716.4 | 2716.4 | 2713.7 | 2705.7 | 2700.3 | 2697.6 | 2690.8 | 2688.2 |
| 7.5° | 2729.9 | 2713.7 | 2704.3 | 2694.9 | 2682.8 | 2677.4 | 2667.9 | 2663.9 | 2654.5 | 2647.8 | 2643.7 |
| 10° | 2700.3 | 2689.5 | 2677.4 | 2662.6 | 2653.1 | 2642.4 | 2631.6 | 2623.5 | 2611.4 | 2604.6 | 2599.3 |
| 12.5° | 2680.1 | 2663.9 | 2653.1 | 2636.9 | 2620.8 | 2611.4 | 2596.6 | 2587.2 | 2575.0 | 2561.6 | 2553.5 |
| 15° | 2661.2 | 2643.7 | 2628.9 | 2611.4 | 2593.9 | 2583.1 | 2565.6 | 2554.9 | 2537.3 | 2523.9 | 2514.4 |
| 17.5° | 2633.0 | 2618.1 | 2602.0 | 2580.4 | 2564.3 | 2550.8 | 2531.9 | 2518.5 | 2502.3 | 2484.8 | 2475.4 |
| 20° | 2603.3 | 2585.8 | 2569.7 | 2548.1 | 2531.9 | 2515.8 | 2496.9 | 2482.1 | 2463.2 | 2447.1 | 2436.3 |
| 22.5° | 2564.3 | 2544.0 | 2530.6 | 2509.0 | 2490.2 | 2472.7 | 2455.2 | 2437.7 | 2420.1 | 2406.7 | 2394.5 |
| 25° | 2507.7 | 2486.1 | 2471.3 | 2453.8 | 2436.3 | 2422.9 | 2401.3 | 2390.5 | 2373.0 | 2360.9 | 2348.7 |
| 27.5° | 2426.9 | 2410.7 | 2397.3 | 2379.7 | 2364.9 | 2354.2 | 2338.0 | 2327.2 | 2312.4 | 2301.6 | 2292.2 |
| 30° | 2308.4 | 2294.9 | 2282.8 | 2265.3 | 2254.5 | 2245.1 | 2230.2 | 2220.8 | 2210.0 | 2197.9 | 2195.2 |
| 32.5° | 2149.5 | 2138.7 | 2126.6 | 2114.4 | 2106.3 | 2101.0 | 2088.8 | 2083.4 | 2072.7 | 2065.9 | 2059.2 |
| 35° | 1909.7 | 1900.3 | 1893.6 | 1888.2 | 1885.5 | 1886.8 | 1884.2 | 1889.5 | 1892.2 | 1890.9 | 1892.2 |
| 37.5° | 1596.0 | 1590.5 | 1593.2 | 1597.3 | 1610.8 | 1628.3 | 1644.4 | 1668.6 | 1684.8 | 1701.0 | 1715.8 |
| 40° | 1245.8 | 1249.8 | 1260.6 | 1284.8 | 1319.8 | 1358.9 | 1395.3 | 1441.1 | 1486.9 | 1519.2 | 1548.8 |
| 42.5° | 940.1 | 952.2 | 979.1 | 1014.1 | 1066.7 | 1124.5 | 1181.1 | 1248.4 | 1303.7 | 1357.5 | 1395.3 |
| 45° | 707.1 | 723.2 | 758.2 | 806.7 | 864.6 | 932.0 | 1003.4 | 1078.7 | 1144.8 | 1200.0 | 1241.7 |
| 47.5° | 550.8 | 565.7 | 600.7 | 651.9 | 723.2 | 793.3 | 867.3 | 945.4 | 1014.1 | 1068.0 | 1104.4 |
| 50° | 435.0 | 453.8 | 484.8 | 538.7 | 610.1 | 684.2 | 760.9 | 837.7 | 902.4 | 948.1 | 980.5 |
| 52.5° | 342.1 | 359.6 | 389.2 | 445.8 | 518.5 | 592.6 | 663.9 | 739.4 | 795.9 | 840.4 | 861.9 |
| 55° | 265.3 | 281.5 | 312.4 | 359.6 | 428.3 | 501.0 | 572.4 | 637.0 | 689.5 | 721.9 | 742.1 |
| 57.5° | 202.0 | 214.1 | 235.7 | 282.8 | 344.8 | 412.1 | 472.7 | 537.4 | 577.8 | 600.7 | 614.1 |
| 60° | 153.6 | 163.0 | 185.9 | 222.2 | 278.8 | 336.7 | 387.9 | 436.4 | 468.7 | 487.5 | 501.0 |
| 62.5° | 115.8 | 126.6 | 142.7 | 173.7 | 216.8 | 264.0 | 307.0 | 343.4 | 370.4 | 382.5 | 391.9 |
| 65° | 79.4 | 87.5 | 99.7 | 123.9 | 160.3 | 193.9 | 227.6 | 254.6 | 272.1 | 285.5 | 290.9 |
| 67.5° | 59.3 | 64.6 | 71.4 | 90.2 | 115.8 | 142.7 | 165.6 | 184.5 | 203.4 | 208.8 | 218.2 |
| 70° | 44.5 | 48.5 | 55.2 | 68.7 | 83.5 | 102.3 | 121.2 | 132.0 | 145.5 | 154.9 | 157.6 |
| 72.5° | 28.3 | 29.6 | 36.4 | 44.5 | 56.5 | 68.7 | 80.8 | 90.2 | 98.3 | 103.7 | 106.4 |
| 75° | 16.2 | 24.2 | 24.2 | 32.3 | 40.4 | 45.8 | 53.9 | 60.6 | 64.6 | 68.7 | 68.7 |
| 77.5° | 10.8 | 14.8 | 16.2 | 20.2 | 24.2 | 31.0 | 37.7 | 41.7 | 45.8 | 47.1 | 47.1 |
| 80° | 9.4 | 10.8 | 10.8 | 14.8 | 17.5 | 22.9 | 26.9 | 28.3 | 31.0 | 32.3 | 35.0 |
| 82.5° | 4.0 | 5.4 | 6.7 | 10.8 | 12.1 | 12.1 | 16.2 | 17.5 | 20.2 | 21.6 | 21.6 |
| 85° | 1.3 | 2.7 | 2.7 | 4.0 | 6.7 | 8.1 | 9.4 | 10.8 | 12.1 | 12.1 | 13.5 |
| 87.5° | 1.3 | 1.3 | 0.0 | 1.3 | 2.7 | 2.7 | 5.4 | 5.4 | 5.4 | 8.1 | 8.1 |
| 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: P246005

CATALOG NUMBER: LD8B50D010 ER8B50935 8LBSW0MW

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|-------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2758.2 | 2758.2 | 2758.2 | 2758.2 | 2758.2 | 2758.2 | 2758.2 |
| 2.5° | 2734.0 | 2735.3 | 2729.9 | 2728.6 | 2725.9 | 2727.2 | 2729.9 |
| 5° | 2684.1 | 2685.5 | 2680.1 | 2674.7 | 2674.7 | 2673.3 | 2674.7 |
| 7.5° | 2636.9 | 2638.3 | 2630.2 | 2627.5 | 2622.1 | 2623.5 | 2623.5 |
| 10° | 2589.8 | 2589.8 | 2577.7 | 2576.4 | 2572.3 | 2571.0 | 2571.0 |
| 12.5° | 2544.0 | 2540.0 | 2530.6 | 2525.2 | 2527.9 | 2519.8 | 2519.8 |
| 15° | 2503.6 | 2496.9 | 2484.8 | 2480.7 | 2474.0 | 2471.3 | 2471.3 |
| 17.5° | 2461.9 | 2456.5 | 2445.8 | 2437.7 | 2429.6 | 2428.2 | 2429.6 |
| 20° | 2421.5 | 2416.1 | 2402.6 | 2397.3 | 2390.5 | 2390.5 | 2387.8 |
| 22.5° | 2381.1 | 2375.7 | 2363.6 | 2359.6 | 2350.1 | 2350.1 | 2351.5 |
| 25° | 2339.3 | 2335.3 | 2321.8 | 2319.1 | 2317.8 | 2312.4 | 2315.1 |
| 27.5° | 2282.8 | 2280.1 | 2269.3 | 2265.3 | 2259.9 | 2258.6 | 2261.2 |
| 30° | 2179.1 | 2175.0 | 2167.0 | 2162.9 | 2153.5 | 2154.8 | 2157.5 |
| 32.5° | 2049.8 | 2044.4 | 2033.6 | 2029.6 | 2021.5 | 2018.8 | 2020.1 |
| 35° | 1888.2 | 1884.2 | 1874.7 | 1874.7 | 1866.6 | 1863.9 | 1866.6 |
| 37.5° | 1723.9 | 1727.9 | 1723.9 | 1727.9 | 1723.9 | 1722.5 | 1723.9 |
| 40° | 1569.0 | 1583.8 | 1586.5 | 1601.3 | 1596.0 | 1604.0 | 1602.7 |
| 42.5° | 1420.8 | 1445.1 | 1454.5 | 1466.6 | 1464.0 | 1469.3 | 1473.4 |
| 45° | 1271.3 | 1291.6 | 1301.0 | 1309.1 | 1310.4 | 1313.1 | 1314.5 |
| 47.5° | 1129.9 | 1146.1 | 1147.4 | 1156.9 | 1155.5 | 1155.5 | 1159.6 |
| 50° | 998.0 | 1008.7 | 1011.4 | 1018.2 | 1012.8 | 1010.1 | 1011.4 |
| 52.5° | 875.4 | 886.2 | 883.5 | 886.2 | 879.5 | 876.7 | 878.1 |
| 55° | 750.1 | 755.5 | 755.5 | 755.5 | 747.5 | 747.5 | 747.5 |
| 57.5° | 622.2 | 623.6 | 620.9 | 622.2 | 620.9 | 612.8 | 611.4 |
| 60° | 505.1 | 505.1 | 503.7 | 505.1 | 501.0 | 497.0 | 497.0 |
| 62.5° | 394.6 | 397.3 | 402.7 | 397.3 | 394.6 | 397.3 | 393.3 |
| 65° | 295.0 | 300.3 | 299.0 | 301.7 | 300.3 | 300.3 | 297.6 |
| 67.5° | 222.2 | 223.6 | 224.9 | 226.3 | 226.3 | 226.3 | 226.3 |
| 70° | 163.0 | 167.0 | 165.6 | 165.6 | 165.6 | 165.6 | 173.7 |
| 72.5° | 109.1 | 114.5 | 113.1 | 115.8 | 115.8 | 118.5 | 115.8 |
| 75° | 74.1 | 79.4 | 76.8 | 80.8 | 79.4 | 76.8 | 83.5 |
| 77.5° | 49.8 | 52.6 | 53.9 | 55.2 | 53.9 | 52.6 | 53.9 |
| 80° | 35.0 | 37.7 | 36.4 | 37.7 | 37.7 | 37.7 | 39.1 |
| 82.5° | 21.6 | 25.6 | 24.2 | 25.6 | 24.2 | 25.6 | 25.6 |
| 85° | 14.8 | 16.2 | 13.5 | 16.2 | 14.8 | 14.8 | 17.5 |
| 87.5° | 9.4 | 8.1 | 8.1 | 9.4 | 8.1 | 9.4 | 8.1 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)