

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: P248740

Luminaire Tested: **LSR8B60D010 EC8B60927 8LBSW0WMH**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P248740
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: LSR8B60D010 EC8B60927 8LBSW0WMH
Description: PORTFOLIO 8 INCH SINGLE WALL WASH DISTRIBUTION 60 DEGREE CUTOFF
RECESSED DOWNLIGHT- CYLINDEC
97 CRI 2700 CCT WITH WARM HAZE TRIM
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4843.1 lumens
Efficiency: N/A
Efficacy: 81.4 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

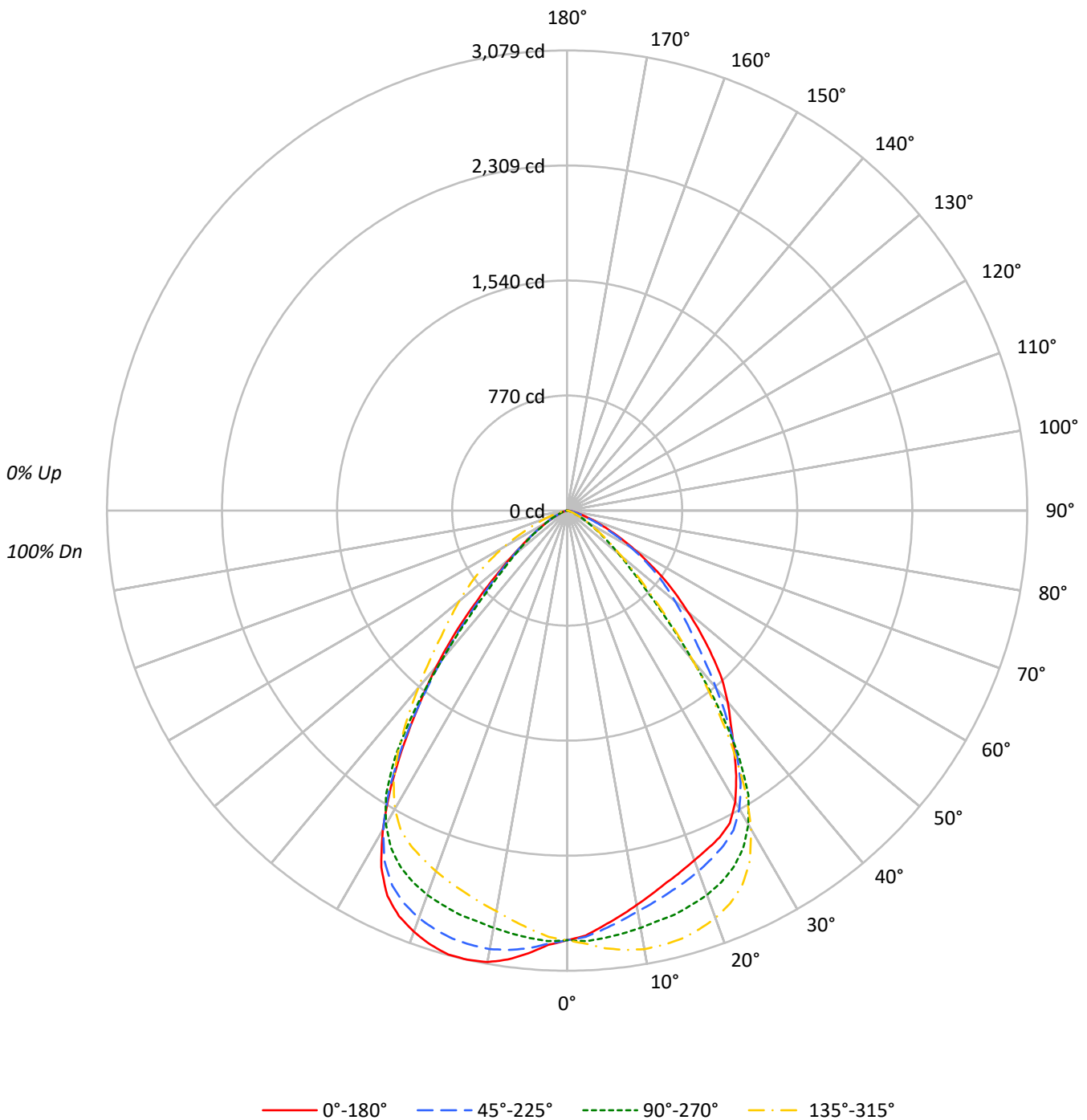
Input Watts (W): 59.5
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P248740

CATALOG NUMBER: LSR8B60D010 EC8B60927 8LBSW0WMH

Luminous Intensity Polar Plot





TEST NUMBER: P248740

CATALOG NUMBER: LSR8B60D010 EC8B60927 8LBSW0WMH

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° | | | | |



TEST NUMBER: P248740

CATALOG NUMBER: LSR8B60D010 EC8B60927 8LBSW0WMH

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 273.7 | 5.7 |
| 10°-20° | 792.5 | 16.4 |
| 20°-30° | 1200.0 | 24.8 |
| 30°-40° | 1202.7 | 24.8 |
| 40°-50° | 755.2 | 15.6 |
| 50°-60° | 402.5 | 8.3 |
| 60°-70° | 165.5 | 3.4 |
| 70°-80° | 43.7 | 0.9 |
| 80°-90° | 7.4 | 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° | 2266.1 | 46.8 |
| 0°-40° | 3468.8 | 71.6 |
| 0°-60° | 4626.5 | 95.5 |
| 0°-90° | 4843.1 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 4843.1 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0° | 2875 | 2875 | 2875 | 2875 | 2875 | |
| 5° | 2788 | 2871 | 2974 | 2871 | 2788 | 263 |
| 15° | 2576 | 2797 | 3075 | 2797 | 2576 | 729 |
| 25° | 2413 | 2634 | 2846 | 2634 | 2413 | 1107 |
| 35° | 1946 | 2001 | 1898 | 2001 | 1946 | 1219 |
| 45° | 1370 | 733 | 848 | 733 | 1370 | 1054 |
| 55° | 779 | 271 | 286 | 271 | 779 | 695 |
| 65° | 310 | 83 | 76 | 83 | 310 | 322 |
| 75° | 87 | 17 | 14 | 17 | 87 | 99 |
| 85° | 18 | 0 | 1 | 0 | 18 | 20 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P248740

CATALOG NUMBER: LSR8B60D010 EC8B60927 8LBSW0WMH

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2875.2 | 2875.2 | 2875.2 | 2875.2 | 2875.2 | 2875.2 | 2875.2 | 2875.2 | 2875.2 | 2875.2 | 2875.2 |
| 2.5° | 2845.7 | 2842.9 | 2841.5 | 2844.3 | 2845.7 | 2851.3 | 2850.0 | 2852.8 | 2852.8 | 2854.1 | 2856.9 |
| 5° | 2788.2 | 2786.7 | 2788.2 | 2788.2 | 2793.8 | 2799.5 | 2798.0 | 2802.3 | 2805.0 | 2812.0 | 2814.9 |
| 7.5° | 2734.9 | 2734.9 | 2733.4 | 2739.0 | 2741.8 | 2750.3 | 2748.8 | 2755.9 | 2760.1 | 2767.0 | 2777.0 |
| 10° | 2680.1 | 2680.1 | 2681.4 | 2685.7 | 2687.1 | 2699.7 | 2699.7 | 2709.6 | 2715.2 | 2722.2 | 2734.9 |
| 12.5° | 2626.8 | 2626.8 | 2635.2 | 2632.4 | 2637.9 | 2647.8 | 2652.0 | 2661.8 | 2670.2 | 2684.2 | 2697.0 |
| 15° | 2576.1 | 2576.1 | 2579.0 | 2586.0 | 2590.2 | 2602.9 | 2609.9 | 2621.1 | 2630.9 | 2645.0 | 2663.2 |
| 17.5° | 2532.6 | 2531.2 | 2532.6 | 2541.0 | 2549.5 | 2560.7 | 2566.4 | 2580.4 | 2590.2 | 2608.4 | 2625.3 |
| 20° | 2489.2 | 2492.0 | 2492.0 | 2499.0 | 2504.6 | 2518.6 | 2524.2 | 2539.7 | 2550.9 | 2567.7 | 2587.4 |
| 22.5° | 2451.3 | 2449.8 | 2449.8 | 2459.7 | 2463.9 | 2476.5 | 2482.1 | 2496.2 | 2508.8 | 2522.8 | 2541.0 |
| 25° | 2413.4 | 2410.5 | 2416.2 | 2417.5 | 2420.3 | 2434.4 | 2438.5 | 2448.5 | 2461.0 | 2473.8 | 2492.0 |
| 27.5° | 2357.2 | 2354.4 | 2355.8 | 2361.4 | 2365.5 | 2376.8 | 2379.6 | 2389.5 | 2399.3 | 2410.5 | 2426.0 |
| 30° | 2249.0 | 2246.3 | 2244.8 | 2254.7 | 2258.9 | 2267.3 | 2271.5 | 2288.4 | 2291.2 | 2303.8 | 2315.0 |
| 32.5° | 2105.9 | 2104.4 | 2107.2 | 2115.7 | 2119.8 | 2131.2 | 2136.7 | 2146.6 | 2153.6 | 2160.7 | 2171.8 |
| 35° | 1945.8 | 1943.0 | 1945.8 | 1954.2 | 1954.2 | 1964.1 | 1968.3 | 1972.5 | 1971.1 | 1972.5 | 1969.6 |
| 37.5° | 1797.1 | 1795.6 | 1797.1 | 1801.2 | 1797.1 | 1801.2 | 1797.1 | 1788.6 | 1773.2 | 1756.4 | 1739.5 |
| 40° | 1670.6 | 1672.1 | 1663.6 | 1669.3 | 1653.8 | 1651.0 | 1635.5 | 1614.5 | 1583.7 | 1549.9 | 1502.2 |
| 42.5° | 1535.9 | 1531.7 | 1526.1 | 1528.9 | 1516.3 | 1506.4 | 1481.1 | 1454.5 | 1415.1 | 1359.0 | 1301.4 |
| 45° | 1370.2 | 1368.8 | 1366.0 | 1364.6 | 1356.2 | 1346.4 | 1325.2 | 1294.4 | 1250.9 | 1193.3 | 1124.6 |
| 47.5° | 1208.8 | 1204.5 | 1204.5 | 1205.9 | 1196.1 | 1194.8 | 1177.9 | 1151.2 | 1113.3 | 1057.2 | 985.5 |
| 50° | 1054.4 | 1052.9 | 1055.7 | 1061.3 | 1054.4 | 1051.5 | 1040.3 | 1022.1 | 988.4 | 940.6 | 873.2 |
| 52.5° | 915.3 | 914.0 | 916.8 | 923.7 | 920.9 | 923.7 | 912.6 | 898.5 | 876.0 | 829.7 | 770.7 |
| 55° | 779.2 | 779.2 | 779.2 | 787.6 | 787.6 | 787.6 | 782.0 | 773.6 | 752.5 | 718.8 | 664.1 |
| 57.5° | 637.4 | 638.8 | 647.2 | 648.6 | 647.2 | 650.0 | 648.6 | 640.1 | 626.2 | 602.3 | 560.1 |
| 60° | 518.1 | 518.1 | 522.2 | 526.5 | 525.0 | 526.5 | 526.5 | 522.2 | 508.3 | 488.6 | 454.8 |
| 62.5° | 410.0 | 414.1 | 411.3 | 414.1 | 419.7 | 414.1 | 411.3 | 408.6 | 398.7 | 386.1 | 358.0 |
| 65° | 310.3 | 313.1 | 313.1 | 314.4 | 311.6 | 313.1 | 307.5 | 303.3 | 297.7 | 283.6 | 265.4 |
| 67.5° | 235.9 | 235.9 | 235.9 | 235.9 | 234.4 | 233.1 | 231.6 | 227.5 | 217.6 | 212.1 | 192.3 |
| 70° | 181.1 | 172.7 | 172.7 | 172.7 | 172.7 | 174.2 | 169.9 | 164.2 | 161.4 | 151.6 | 137.6 |
| 72.5° | 120.7 | 123.5 | 120.7 | 120.7 | 117.9 | 119.4 | 113.7 | 110.9 | 108.1 | 102.5 | 94.0 |
| 75° | 87.1 | 80.0 | 82.8 | 84.3 | 80.0 | 82.8 | 77.2 | 71.6 | 71.6 | 67.4 | 63.1 |
| 77.5° | 56.1 | 54.8 | 56.1 | 57.6 | 56.1 | 54.8 | 52.0 | 49.2 | 49.2 | 47.7 | 43.5 |
| 80° | 40.7 | 39.3 | 39.3 | 39.3 | 37.9 | 39.3 | 36.6 | 36.6 | 33.6 | 32.3 | 29.5 |
| 82.5° | 26.7 | 26.7 | 25.2 | 26.7 | 25.2 | 26.7 | 22.5 | 22.5 | 22.5 | 21.0 | 18.2 |
| 85° | 18.2 | 15.4 | 15.4 | 16.9 | 14.1 | 16.9 | 15.4 | 14.1 | 12.6 | 12.6 | 11.2 |
| 87.5° | 8.4 | 9.8 | 8.4 | 9.8 | 8.4 | 8.4 | 9.8 | 8.4 | 8.4 | 5.6 | 5.6 |
| 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: P248740

CATALOG NUMBER: LSR8B60D010 EC8B60927 8LBSW0WMH

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2875.2 | 2875.2 | 2875.2 | 2875.2 | 2875.2 | 2875.2 | 2875.2 | 2875.2 | 2875.2 | 2875.2 | 2875.2 |
| 2.5° | 2861.2 | 2862.6 | 2862.6 | 2868.2 | 2871.0 | 2872.4 | 2872.4 | 2883.6 | 2879.4 | 2882.2 | 2885.1 |
| 5° | 2820.5 | 2828.8 | 2831.7 | 2831.7 | 2847.2 | 2852.8 | 2858.3 | 2871.0 | 2872.4 | 2880.8 | 2890.7 |
| 7.5° | 2781.1 | 2791.0 | 2796.6 | 2809.2 | 2819.0 | 2828.8 | 2845.7 | 2854.1 | 2862.6 | 2873.8 | 2886.4 |
| 10° | 2743.2 | 2754.5 | 2765.7 | 2775.5 | 2791.0 | 2803.6 | 2814.9 | 2834.4 | 2844.3 | 2859.8 | 2876.6 |
| 12.5° | 2706.8 | 2722.2 | 2732.1 | 2748.8 | 2765.7 | 2777.0 | 2793.8 | 2812.0 | 2827.5 | 2842.9 | 2862.6 |
| 15° | 2674.5 | 2692.7 | 2703.9 | 2722.2 | 2740.5 | 2755.9 | 2774.1 | 2796.6 | 2807.8 | 2826.1 | 2844.3 |
| 17.5° | 2639.4 | 2659.0 | 2673.1 | 2689.9 | 2712.4 | 2729.1 | 2744.7 | 2767.0 | 2781.1 | 2800.8 | 2821.8 |
| 20° | 2602.9 | 2622.5 | 2639.4 | 2656.2 | 2678.6 | 2695.5 | 2713.7 | 2736.2 | 2751.6 | 2771.3 | 2788.2 |
| 22.5° | 2559.4 | 2577.6 | 2595.8 | 2615.5 | 2637.9 | 2652.0 | 2673.1 | 2692.7 | 2709.6 | 2727.8 | 2744.7 |
| 25° | 2503.2 | 2525.6 | 2539.7 | 2557.9 | 2576.1 | 2591.5 | 2614.0 | 2633.7 | 2647.8 | 2664.7 | 2680.1 |
| 27.5° | 2437.2 | 2454.1 | 2465.3 | 2480.7 | 2499.0 | 2513.0 | 2529.8 | 2549.5 | 2563.5 | 2579.0 | 2590.2 |
| 30° | 2324.8 | 2340.3 | 2350.1 | 2361.4 | 2379.6 | 2392.3 | 2406.4 | 2424.5 | 2434.4 | 2445.6 | 2455.4 |
| 32.5° | 2177.4 | 2190.2 | 2195.7 | 2204.1 | 2216.8 | 2229.4 | 2240.7 | 2256.1 | 2260.4 | 2267.3 | 2267.3 |
| 35° | 1964.1 | 1966.8 | 1965.5 | 1968.3 | 1973.9 | 1980.9 | 1990.7 | 2000.6 | 2006.2 | 2006.2 | 2002.0 |
| 37.5° | 1714.2 | 1697.4 | 1679.1 | 1665.0 | 1660.8 | 1658.0 | 1663.6 | 1667.8 | 1673.4 | 1676.2 | 1669.3 |
| 40° | 1454.5 | 1416.6 | 1375.9 | 1339.3 | 1314.1 | 1302.9 | 1298.6 | 1301.4 | 1301.4 | 1311.2 | 1311.2 |
| 42.5° | 1231.2 | 1172.2 | 1112.0 | 1057.2 | 1020.6 | 992.6 | 980.0 | 980.0 | 981.3 | 988.4 | 992.6 |
| 45° | 1045.9 | 971.6 | 901.2 | 840.9 | 790.4 | 753.9 | 737.1 | 732.8 | 731.5 | 734.3 | 744.1 |
| 47.5° | 904.2 | 826.9 | 753.9 | 679.5 | 626.2 | 589.6 | 574.2 | 568.6 | 562.9 | 568.6 | 570.0 |
| 50° | 793.2 | 713.2 | 636.0 | 561.6 | 505.4 | 473.1 | 453.5 | 445.0 | 443.6 | 443.6 | 446.4 |
| 52.5° | 692.1 | 617.7 | 540.6 | 464.7 | 405.7 | 374.8 | 356.6 | 352.3 | 346.7 | 352.3 | 352.3 |
| 55° | 596.6 | 522.2 | 446.4 | 374.8 | 325.7 | 293.4 | 276.5 | 271.0 | 268.1 | 272.4 | 272.4 |
| 57.5° | 492.8 | 429.6 | 359.4 | 294.9 | 245.7 | 223.2 | 210.6 | 203.6 | 202.2 | 205.0 | 202.2 |
| 60° | 404.3 | 351.0 | 290.6 | 231.6 | 193.7 | 169.9 | 160.1 | 157.3 | 154.4 | 157.3 | 157.3 |
| 62.5° | 320.1 | 275.2 | 226.0 | 181.1 | 148.8 | 132.0 | 120.7 | 120.7 | 119.4 | 119.4 | 120.7 |
| 65° | 237.3 | 202.2 | 167.1 | 129.2 | 104.0 | 91.2 | 82.8 | 82.8 | 81.4 | 82.8 | 81.4 |
| 67.5° | 172.7 | 148.8 | 120.7 | 94.0 | 74.5 | 67.4 | 61.8 | 57.6 | 60.4 | 57.6 | 56.1 |
| 70° | 126.3 | 106.6 | 87.1 | 71.6 | 57.6 | 50.5 | 46.4 | 44.9 | 42.1 | 42.1 | 42.1 |
| 72.5° | 84.3 | 71.6 | 59.0 | 46.4 | 37.9 | 30.8 | 29.5 | 26.7 | 23.8 | 25.2 | 28.1 |
| 75° | 56.1 | 47.7 | 42.1 | 33.6 | 25.2 | 25.2 | 16.9 | 16.9 | 14.1 | 16.9 | 12.6 |
| 77.5° | 39.3 | 32.3 | 25.2 | 21.0 | 16.9 | 15.4 | 11.2 | 11.2 | 9.8 | 9.8 | 9.8 |
| 80° | 28.1 | 23.8 | 18.2 | 15.4 | 11.2 | 11.2 | 9.8 | 8.4 | 7.0 | 7.0 | 8.4 |
| 82.5° | 16.9 | 12.6 | 12.6 | 11.2 | 7.0 | 5.6 | 4.2 | 5.6 | 2.8 | 2.8 | 2.8 |
| 85° | 9.8 | 8.4 | 7.0 | 4.2 | 2.8 | 2.8 | 1.3 | 0.0 | 1.3 | 1.3 | 0.0 |
| 87.5° | 5.6 | 2.8 | 2.8 | 1.3 | 0.0 | 1.3 | 1.3 | 0.0 | 0.0 | 0.0 | 2.8 |
| 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: P248740

CATALOG NUMBER: LSR8B60D010 EC8B60927 8LBSW0WMH

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2875.2 | 2875.2 | 2875.2 | 2875.2 | 2875.2 | 2875.2 | 2875.2 | 2875.2 | 2875.2 | 2875.2 | 2875.2 |
| 2.5° | 2892.0 | 2890.7 | 2893.5 | 2893.5 | 2901.9 | 2900.5 | 2904.6 | 2904.6 | 2901.9 | 2903.3 | 2908.9 |
| 5° | 2901.9 | 2906.1 | 2914.5 | 2921.5 | 2934.1 | 2939.8 | 2946.8 | 2953.9 | 2955.3 | 2959.4 | 2963.7 |
| 7.5° | 2901.9 | 2916.0 | 2925.8 | 2938.4 | 2955.3 | 2965.0 | 2980.5 | 2993.2 | 2998.8 | 3005.8 | 3014.2 |
| 10° | 2896.2 | 2910.3 | 2928.6 | 2942.5 | 2963.7 | 2979.1 | 2994.5 | 3014.2 | 3022.6 | 3033.8 | 3045.2 |
| 12.5° | 2885.1 | 2900.5 | 2920.2 | 2938.4 | 2962.2 | 2976.3 | 2995.9 | 3014.2 | 3026.8 | 3042.2 | 3054.9 |
| 15° | 2868.2 | 2886.4 | 2904.6 | 2923.0 | 2948.2 | 2965.0 | 2983.3 | 3004.3 | 3017.0 | 3033.8 | 3045.2 |
| 17.5° | 2841.5 | 2861.2 | 2878.1 | 2894.8 | 2918.7 | 2938.4 | 2955.3 | 2974.8 | 2987.5 | 3001.6 | 3017.0 |
| 20° | 2809.2 | 2827.5 | 2845.7 | 2859.8 | 2883.6 | 2900.5 | 2918.7 | 2937.0 | 2946.8 | 2949.6 | 2973.5 |
| 22.5° | 2768.5 | 2781.1 | 2795.2 | 2817.7 | 2831.7 | 2847.2 | 2864.0 | 2880.8 | 2890.7 | 2906.1 | 2914.5 |
| 25° | 2701.1 | 2713.7 | 2729.1 | 2739.0 | 2755.9 | 2768.5 | 2785.4 | 2803.6 | 2809.2 | 2820.5 | 2828.8 |
| 27.5° | 2607.1 | 2614.0 | 2621.1 | 2629.5 | 2639.4 | 2646.3 | 2656.2 | 2664.7 | 2670.2 | 2675.8 | 2681.4 |
| 30° | 2458.2 | 2458.2 | 2458.2 | 2452.6 | 2456.9 | 2461.0 | 2462.4 | 2461.0 | 2461.0 | 2459.7 | 2459.7 |
| 32.5° | 2261.7 | 2250.5 | 2237.8 | 2226.6 | 2222.4 | 2216.8 | 2214.0 | 2209.7 | 2202.8 | 2198.6 | 2199.9 |
| 35° | 1996.3 | 1971.1 | 1955.7 | 1941.6 | 1930.4 | 1922.0 | 1917.8 | 1913.5 | 1912.2 | 1906.5 | 1900.9 |
| 37.5° | 1665.0 | 1646.8 | 1635.5 | 1627.1 | 1617.3 | 1608.9 | 1610.3 | 1611.7 | 1615.8 | 1613.1 | 1614.5 |
| 40° | 1314.1 | 1309.8 | 1314.1 | 1304.2 | 1301.4 | 1304.2 | 1311.2 | 1321.1 | 1326.7 | 1332.3 | 1342.1 |
| 42.5° | 999.6 | 1006.5 | 1016.4 | 1016.4 | 1020.6 | 1026.3 | 1034.7 | 1050.2 | 1058.5 | 1068.3 | 1079.7 |
| 45° | 752.5 | 760.9 | 773.6 | 777.7 | 780.5 | 787.6 | 797.4 | 810.0 | 815.6 | 824.1 | 834.0 |
| 47.5° | 579.8 | 585.4 | 592.4 | 599.5 | 606.5 | 609.3 | 619.1 | 619.1 | 626.2 | 631.8 | 634.5 |
| 50° | 452.0 | 457.6 | 463.3 | 467.4 | 470.4 | 474.5 | 477.3 | 481.5 | 483.0 | 485.8 | 487.1 |
| 52.5° | 353.8 | 360.8 | 360.8 | 363.6 | 367.8 | 372.0 | 370.7 | 372.0 | 373.4 | 373.4 | 377.7 |
| 55° | 276.5 | 276.5 | 280.8 | 280.8 | 283.6 | 282.2 | 283.6 | 283.6 | 283.6 | 283.6 | 285.0 |
| 57.5° | 206.3 | 207.8 | 212.1 | 209.1 | 207.8 | 210.6 | 207.8 | 210.6 | 209.1 | 212.1 | 207.8 |
| 60° | 158.6 | 158.6 | 160.1 | 160.1 | 161.4 | 161.4 | 161.4 | 160.1 | 160.1 | 158.6 | 158.6 |
| 62.5° | 119.4 | 120.7 | 122.2 | 120.7 | 120.7 | 120.7 | 119.4 | 119.4 | 117.9 | 116.6 | 116.6 |
| 65° | 80.0 | 78.6 | 81.4 | 78.6 | 80.0 | 80.0 | 78.6 | 80.0 | 75.8 | 77.2 | 75.8 |
| 67.5° | 57.6 | 56.1 | 54.8 | 56.1 | 54.8 | 53.3 | 53.3 | 54.8 | 56.1 | 52.0 | 52.0 |
| 70° | 37.9 | 39.3 | 37.9 | 39.3 | 40.7 | 40.7 | 39.3 | 37.9 | 39.3 | 36.6 | 37.9 |
| 72.5° | 23.8 | 23.8 | 23.8 | 23.8 | 23.8 | 25.2 | 25.2 | 25.2 | 22.5 | 22.5 | 21.0 |
| 75° | 11.2 | 15.4 | 12.6 | 11.2 | 15.4 | 15.4 | 14.1 | 14.1 | 12.6 | 12.6 | 12.6 |
| 77.5° | 11.2 | 8.4 | 8.4 | 8.4 | 8.4 | 8.4 | 8.4 | 8.4 | 7.0 | 8.4 | 7.0 |
| 80° | 5.6 | 5.6 | 5.6 | 4.2 | 5.6 | 5.6 | 7.0 | 5.6 | 5.6 | 4.2 | 7.0 |
| 82.5° | 2.8 | 2.8 | 2.8 | 0.0 | 1.3 | 2.8 | 2.8 | 1.3 | 2.8 | 2.8 | 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: P248740

CATALOG NUMBER: LSR8B60D010 EC8B60927 8LBSW0WMH

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2875.2 | 2875.2 | 2875.2 | 2875.2 | 2875.2 | 2875.2 | 2875.2 | 2875.2 | 2875.2 | 2875.2 | 2875.2 |
| 2.5° | 2907.6 | 2906.1 | 2907.6 | 2908.9 | 2907.6 | 2906.1 | 2907.6 | 2908.9 | 2903.3 | 2901.9 | 2904.6 |
| 5° | 2969.3 | 2969.3 | 2972.0 | 2973.5 | 2972.0 | 2969.3 | 2969.3 | 2963.7 | 2959.4 | 2955.3 | 2953.9 |
| 7.5° | 3022.6 | 3025.5 | 3028.3 | 3029.6 | 3028.3 | 3025.5 | 3022.6 | 3014.2 | 3005.8 | 2998.8 | 2993.2 |
| 10° | 3054.9 | 3059.1 | 3064.7 | 3067.5 | 3064.7 | 3059.1 | 3054.9 | 3045.2 | 3033.8 | 3022.6 | 3014.2 |
| 12.5° | 3069.0 | 3073.2 | 3080.1 | 3078.8 | 3080.1 | 3073.2 | 3069.0 | 3054.9 | 3042.2 | 3026.8 | 3014.2 |
| 15° | 3059.1 | 3064.7 | 3071.7 | 3074.6 | 3071.7 | 3064.7 | 3059.1 | 3045.2 | 3033.8 | 3017.0 | 3004.3 |
| 17.5° | 3028.3 | 3036.7 | 3040.9 | 3045.2 | 3040.9 | 3036.7 | 3028.3 | 3017.0 | 3001.6 | 2987.5 | 2974.8 |
| 20° | 2986.1 | 2991.7 | 2997.3 | 2998.8 | 2997.3 | 2991.7 | 2986.1 | 2973.5 | 2949.6 | 2946.8 | 2937.0 |
| 22.5° | 2925.8 | 2930.0 | 2942.5 | 2938.4 | 2942.5 | 2930.0 | 2925.8 | 2914.5 | 2906.1 | 2890.7 | 2880.8 |
| 25° | 2838.7 | 2842.9 | 2844.3 | 2845.7 | 2844.3 | 2842.9 | 2838.7 | 2828.8 | 2820.5 | 2809.2 | 2803.6 |
| 27.5° | 2688.5 | 2688.5 | 2691.2 | 2692.7 | 2691.2 | 2688.5 | 2688.5 | 2681.4 | 2675.8 | 2670.2 | 2664.7 |
| 30° | 2461.0 | 2461.0 | 2461.0 | 2468.1 | 2461.0 | 2461.0 | 2461.0 | 2459.7 | 2459.7 | 2461.0 | 2461.0 |
| 32.5° | 2198.6 | 2195.7 | 2193.0 | 2195.7 | 2193.0 | 2195.7 | 2198.6 | 2199.9 | 2198.6 | 2202.8 | 2209.7 |
| 35° | 1900.9 | 1899.4 | 1903.7 | 1898.1 | 1903.7 | 1899.4 | 1900.9 | 1900.9 | 1906.5 | 1912.2 | 1913.5 |
| 37.5° | 1615.8 | 1613.1 | 1618.8 | 1613.1 | 1618.8 | 1613.1 | 1615.8 | 1614.5 | 1613.1 | 1615.8 | 1611.7 |
| 40° | 1344.9 | 1347.8 | 1347.8 | 1359.0 | 1347.8 | 1347.8 | 1344.9 | 1342.1 | 1332.3 | 1326.7 | 1321.1 |
| 42.5° | 1085.2 | 1093.6 | 1090.8 | 1099.2 | 1090.8 | 1093.6 | 1085.2 | 1079.7 | 1068.3 | 1058.5 | 1050.2 |
| 45° | 839.5 | 845.2 | 845.2 | 847.9 | 845.2 | 845.2 | 839.5 | 834.0 | 824.1 | 815.6 | 810.0 |
| 47.5° | 644.4 | 644.4 | 644.4 | 645.9 | 644.4 | 644.4 | 644.4 | 634.5 | 631.8 | 626.2 | 619.1 |
| 50° | 489.9 | 491.4 | 492.8 | 494.2 | 492.8 | 491.4 | 489.9 | 487.1 | 485.8 | 483.0 | 481.5 |
| 52.5° | 376.2 | 377.7 | 374.8 | 377.7 | 374.8 | 377.7 | 376.2 | 377.7 | 373.4 | 373.4 | 372.0 |
| 55° | 285.0 | 283.6 | 285.0 | 286.4 | 285.0 | 283.6 | 285.0 | 285.0 | 283.6 | 283.6 | 283.6 |
| 57.5° | 209.1 | 206.3 | 206.3 | 206.3 | 206.3 | 206.3 | 209.1 | 207.8 | 212.1 | 209.1 | 210.6 |
| 60° | 155.8 | 157.3 | 157.3 | 158.6 | 157.3 | 157.3 | 155.8 | 158.6 | 158.6 | 160.1 | 160.1 |
| 62.5° | 115.1 | 119.4 | 116.6 | 119.4 | 116.6 | 119.4 | 115.1 | 116.6 | 116.6 | 117.9 | 119.4 |
| 65° | 74.5 | 74.5 | 74.5 | 75.8 | 74.5 | 74.5 | 74.5 | 75.8 | 77.2 | 75.8 | 80.0 |
| 67.5° | 50.5 | 52.0 | 54.8 | 53.3 | 54.8 | 52.0 | 50.5 | 52.0 | 52.0 | 56.1 | 54.8 |
| 70° | 40.7 | 36.6 | 36.6 | 40.7 | 36.6 | 36.6 | 40.7 | 37.9 | 36.6 | 39.3 | 37.9 |
| 72.5° | 23.8 | 21.0 | 23.8 | 23.8 | 23.8 | 21.0 | 23.8 | 21.0 | 22.5 | 22.5 | 25.2 |
| 75° | 12.6 | 11.2 | 9.8 | 14.1 | 9.8 | 11.2 | 12.6 | 12.6 | 12.6 | 12.6 | 14.1 |
| 77.5° | 8.4 | 7.0 | 9.8 | 9.8 | 9.8 | 7.0 | 8.4 | 7.0 | 8.4 | 7.0 | 8.4 |
| 80° | 4.2 | 5.6 | 4.2 | 7.0 | 4.2 | 5.6 | 4.2 | 7.0 | 4.2 | 5.6 | 5.6 |
| 82.5° | 1.3 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 | 1.3 | 1.3 | 2.8 | 2.8 | 1.3 |
| 85° | 0.0 | 2.8 | 1.3 | 1.3 | 1.3 | 2.8 | 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: P248740

CATALOG NUMBER: LSR8B60D010 EC8B60927 8LBSW0WMH

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2875.2 | 2875.2 | 2875.2 | 2875.2 | 2875.2 | 2875.2 | 2875.2 | 2875.2 | 2875.2 | 2875.2 | 2875.2 |
| 2.5° | 2904.6 | 2900.5 | 2901.9 | 2893.5 | 2893.5 | 2890.7 | 2892.0 | 2885.1 | 2882.2 | 2879.4 | 2883.6 |
| 5° | 2946.8 | 2939.8 | 2934.1 | 2921.5 | 2914.5 | 2906.1 | 2901.9 | 2890.7 | 2880.8 | 2872.4 | 2871.0 |
| 7.5° | 2980.5 | 2965.0 | 2955.3 | 2938.4 | 2925.8 | 2916.0 | 2901.9 | 2886.4 | 2873.8 | 2862.6 | 2854.1 |
| 10° | 2994.5 | 2979.1 | 2963.7 | 2942.5 | 2928.6 | 2910.3 | 2896.2 | 2876.6 | 2859.8 | 2844.3 | 2834.4 |
| 12.5° | 2995.9 | 2976.3 | 2962.2 | 2938.4 | 2920.2 | 2900.5 | 2885.1 | 2862.6 | 2842.9 | 2827.5 | 2812.0 |
| 15° | 2983.3 | 2965.0 | 2948.2 | 2923.0 | 2904.6 | 2886.4 | 2868.2 | 2844.3 | 2826.1 | 2807.8 | 2796.6 |
| 17.5° | 2955.3 | 2938.4 | 2918.7 | 2894.8 | 2878.1 | 2861.2 | 2841.5 | 2821.8 | 2800.8 | 2781.1 | 2767.0 |
| 20° | 2918.7 | 2900.5 | 2883.6 | 2859.8 | 2845.7 | 2827.5 | 2809.2 | 2788.2 | 2771.3 | 2751.6 | 2736.2 |
| 22.5° | 2864.0 | 2847.2 | 2831.7 | 2817.7 | 2795.2 | 2781.1 | 2768.5 | 2744.7 | 2727.8 | 2709.6 | 2692.7 |
| 25° | 2785.4 | 2768.5 | 2755.9 | 2739.0 | 2729.1 | 2713.7 | 2701.1 | 2680.1 | 2664.7 | 2647.8 | 2633.7 |
| 27.5° | 2656.2 | 2646.3 | 2639.4 | 2629.5 | 2621.1 | 2614.0 | 2607.1 | 2590.2 | 2579.0 | 2563.5 | 2549.5 |
| 30° | 2462.4 | 2461.0 | 2456.9 | 2452.6 | 2458.2 | 2458.2 | 2458.2 | 2455.4 | 2445.6 | 2434.4 | 2424.5 |
| 32.5° | 2214.0 | 2216.8 | 2222.4 | 2226.6 | 2237.8 | 2250.5 | 2261.7 | 2267.3 | 2267.3 | 2260.4 | 2256.1 |
| 35° | 1917.8 | 1922.0 | 1930.4 | 1941.6 | 1955.7 | 1971.1 | 1996.3 | 2002.0 | 2006.2 | 2006.2 | 2000.6 |
| 37.5° | 1610.3 | 1608.9 | 1617.3 | 1627.1 | 1635.5 | 1646.8 | 1665.0 | 1669.3 | 1676.2 | 1673.4 | 1667.8 |
| 40° | 1311.2 | 1304.2 | 1301.4 | 1304.2 | 1314.1 | 1309.8 | 1314.1 | 1311.2 | 1311.2 | 1301.4 | 1301.4 |
| 42.5° | 1034.7 | 1026.3 | 1020.6 | 1016.4 | 1016.4 | 1006.5 | 999.6 | 992.6 | 988.4 | 981.3 | 980.0 |
| 45° | 797.4 | 787.6 | 780.5 | 777.7 | 773.6 | 760.9 | 752.5 | 744.1 | 734.3 | 731.5 | 732.8 |
| 47.5° | 619.1 | 609.3 | 606.5 | 599.5 | 592.4 | 585.4 | 579.8 | 570.0 | 568.6 | 562.9 | 568.6 |
| 50° | 477.3 | 474.5 | 470.4 | 467.4 | 463.3 | 457.6 | 452.0 | 446.4 | 443.6 | 443.6 | 445.0 |
| 52.5° | 370.7 | 372.0 | 367.8 | 363.6 | 360.8 | 360.8 | 353.8 | 352.3 | 352.3 | 346.7 | 352.3 |
| 55° | 283.6 | 282.2 | 283.6 | 280.8 | 280.8 | 276.5 | 276.5 | 272.4 | 272.4 | 268.1 | 271.0 |
| 57.5° | 207.8 | 210.6 | 207.8 | 209.1 | 212.1 | 207.8 | 206.3 | 202.2 | 205.0 | 202.2 | 203.6 |
| 60° | 161.4 | 161.4 | 161.4 | 160.1 | 160.1 | 158.6 | 158.6 | 157.3 | 157.3 | 154.4 | 157.3 |
| 62.5° | 119.4 | 120.7 | 120.7 | 120.7 | 122.2 | 120.7 | 119.4 | 120.7 | 119.4 | 119.4 | 120.7 |
| 65° | 78.6 | 80.0 | 80.0 | 78.6 | 81.4 | 78.6 | 80.0 | 81.4 | 82.8 | 81.4 | 82.8 |
| 67.5° | 53.3 | 53.3 | 54.8 | 56.1 | 54.8 | 56.1 | 57.6 | 56.1 | 57.6 | 60.4 | 57.6 |
| 70° | 39.3 | 40.7 | 40.7 | 39.3 | 37.9 | 39.3 | 37.9 | 42.1 | 42.1 | 42.1 | 44.9 |
| 72.5° | 25.2 | 25.2 | 23.8 | 23.8 | 23.8 | 23.8 | 23.8 | 28.1 | 25.2 | 23.8 | 26.7 |
| 75° | 14.1 | 15.4 | 15.4 | 11.2 | 12.6 | 15.4 | 11.2 | 12.6 | 16.9 | 14.1 | 16.9 |
| 77.5° | 8.4 | 8.4 | 8.4 | 8.4 | 8.4 | 8.4 | 11.2 | 9.8 | 9.8 | 9.8 | 11.2 |
| 80° | 7.0 | 5.6 | 5.6 | 4.2 | 5.6 | 5.6 | 5.6 | 8.4 | 7.0 | 7.0 | 8.4 |
| 82.5° | 2.8 | 2.8 | 1.3 | 0.0 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 | 5.6 |
| 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 | 2.8 | 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: P248740

CATALOG NUMBER: LSR8B60D010 EC8B60927 8LBSW0WMH

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2875.2 | 2875.2 | 2875.2 | 2875.2 | 2875.2 | 2875.2 | 2875.2 | 2875.2 | 2875.2 | 2875.2 | 2875.2 |
| 2.5° | 2872.4 | 2872.4 | 2871.0 | 2868.2 | 2862.6 | 2862.6 | 2861.2 | 2856.9 | 2854.1 | 2852.8 | 2852.8 |
| 5° | 2858.3 | 2852.8 | 2847.2 | 2831.7 | 2831.7 | 2828.8 | 2820.5 | 2814.9 | 2812.0 | 2805.0 | 2802.3 |
| 7.5° | 2845.7 | 2828.8 | 2819.0 | 2809.2 | 2796.6 | 2791.0 | 2781.1 | 2777.0 | 2767.0 | 2760.1 | 2755.9 |
| 10° | 2814.9 | 2803.6 | 2791.0 | 2775.5 | 2765.7 | 2754.5 | 2743.2 | 2734.9 | 2722.2 | 2715.2 | 2709.6 |
| 12.5° | 2793.8 | 2777.0 | 2765.7 | 2748.8 | 2732.1 | 2722.2 | 2706.8 | 2697.0 | 2684.2 | 2670.2 | 2661.8 |
| 15° | 2774.1 | 2755.9 | 2740.5 | 2722.2 | 2703.9 | 2692.7 | 2674.5 | 2663.2 | 2645.0 | 2630.9 | 2621.1 |
| 17.5° | 2744.7 | 2729.1 | 2712.4 | 2689.9 | 2673.1 | 2659.0 | 2639.4 | 2625.3 | 2608.4 | 2590.2 | 2580.4 |
| 20° | 2713.7 | 2695.5 | 2678.6 | 2656.2 | 2639.4 | 2622.5 | 2602.9 | 2587.4 | 2567.7 | 2550.9 | 2539.7 |
| 22.5° | 2673.1 | 2652.0 | 2637.9 | 2615.5 | 2595.8 | 2577.6 | 2559.4 | 2541.0 | 2522.8 | 2508.8 | 2496.2 |
| 25° | 2614.0 | 2591.5 | 2576.1 | 2557.9 | 2539.7 | 2525.6 | 2503.2 | 2492.0 | 2473.8 | 2461.0 | 2448.5 |
| 27.5° | 2529.8 | 2513.0 | 2499.0 | 2480.7 | 2465.3 | 2454.1 | 2437.2 | 2426.0 | 2410.5 | 2399.3 | 2389.5 |
| 30° | 2406.4 | 2392.3 | 2379.6 | 2361.4 | 2350.1 | 2340.3 | 2324.8 | 2315.0 | 2303.8 | 2291.2 | 2288.4 |
| 32.5° | 2240.7 | 2229.4 | 2216.8 | 2204.1 | 2195.7 | 2190.2 | 2177.4 | 2171.8 | 2160.7 | 2153.6 | 2146.6 |
| 35° | 1990.7 | 1980.9 | 1973.9 | 1968.3 | 1965.5 | 1966.8 | 1964.1 | 1969.6 | 1972.5 | 1971.1 | 1972.5 |
| 37.5° | 1663.6 | 1658.0 | 1660.8 | 1665.0 | 1679.1 | 1697.4 | 1714.2 | 1739.5 | 1756.4 | 1773.2 | 1788.6 |
| 40° | 1298.6 | 1302.9 | 1314.1 | 1339.3 | 1375.9 | 1416.6 | 1454.5 | 1502.2 | 1549.9 | 1583.7 | 1614.5 |
| 42.5° | 980.0 | 992.6 | 1020.6 | 1057.2 | 1112.0 | 1172.2 | 1231.2 | 1301.4 | 1359.0 | 1415.1 | 1454.5 |
| 45° | 737.1 | 753.9 | 790.4 | 840.9 | 901.2 | 971.6 | 1045.9 | 1124.6 | 1193.3 | 1250.9 | 1294.4 |
| 47.5° | 574.2 | 589.6 | 626.2 | 679.5 | 753.9 | 826.9 | 904.2 | 985.5 | 1057.2 | 1113.3 | 1151.2 |
| 50° | 453.5 | 473.1 | 505.4 | 561.6 | 636.0 | 713.2 | 793.2 | 873.2 | 940.6 | 988.4 | 1022.1 |
| 52.5° | 356.6 | 374.8 | 405.7 | 464.7 | 540.6 | 617.7 | 692.1 | 770.7 | 829.7 | 876.0 | 898.5 |
| 55° | 276.5 | 293.4 | 325.7 | 374.8 | 446.4 | 522.2 | 596.6 | 664.1 | 718.8 | 752.5 | 773.6 |
| 57.5° | 210.6 | 223.2 | 245.7 | 294.9 | 359.4 | 429.6 | 492.8 | 560.1 | 602.3 | 626.2 | 640.1 |
| 60° | 160.1 | 169.9 | 193.7 | 231.6 | 290.6 | 351.0 | 404.3 | 454.8 | 488.6 | 508.3 | 522.2 |
| 62.5° | 120.7 | 132.0 | 148.8 | 181.1 | 226.0 | 275.2 | 320.1 | 358.0 | 386.1 | 398.7 | 408.6 |
| 65° | 82.8 | 91.2 | 104.0 | 129.2 | 167.1 | 202.2 | 237.3 | 265.4 | 283.6 | 297.7 | 303.3 |
| 67.5° | 61.8 | 67.4 | 74.5 | 94.0 | 120.7 | 148.8 | 172.7 | 192.3 | 212.1 | 217.6 | 227.5 |
| 70° | 46.4 | 50.5 | 57.6 | 71.6 | 87.1 | 106.6 | 126.3 | 137.6 | 151.6 | 161.4 | 164.2 |
| 72.5° | 29.5 | 30.8 | 37.9 | 46.4 | 59.0 | 71.6 | 84.3 | 94.0 | 102.5 | 108.1 | 110.9 |
| 75° | 16.9 | 25.2 | 25.2 | 33.6 | 42.1 | 47.7 | 56.1 | 63.1 | 67.4 | 71.6 | 71.6 |
| 77.5° | 11.2 | 15.4 | 16.9 | 21.0 | 25.2 | 32.3 | 39.3 | 43.5 | 47.7 | 49.2 | 49.2 |
| 80° | 9.8 | 11.2 | 11.2 | 15.4 | 18.2 | 23.8 | 28.1 | 29.5 | 32.3 | 33.6 | 36.6 |
| 82.5° | 4.2 | 5.6 | 7.0 | 11.2 | 12.6 | 12.6 | 16.9 | 18.2 | 21.0 | 22.5 | 22.5 |
| 85° | 1.3 | 2.8 | 2.8 | 4.2 | 7.0 | 8.4 | 9.8 | 11.2 | 12.6 | 12.6 | 14.1 |
| 87.5° | 1.3 | 1.3 | 0.0 | 1.3 | 2.8 | 2.8 | 5.6 | 5.6 | 5.6 | 8.4 | 8.4 |
| 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: P248740

CATALOG NUMBER: LSR8B60D010 EC8B60927 8LBSW0WMH

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|-------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2875.2 | 2875.2 | 2875.2 | 2875.2 | 2875.2 | 2875.2 | 2875.2 |
| 2.5° | 2850.0 | 2851.3 | 2845.7 | 2844.3 | 2841.5 | 2842.9 | 2845.7 |
| 5° | 2798.0 | 2799.5 | 2793.8 | 2788.2 | 2788.2 | 2786.7 | 2788.2 |
| 7.5° | 2748.8 | 2750.3 | 2741.8 | 2739.0 | 2733.4 | 2734.9 | 2734.9 |
| 10° | 2699.7 | 2699.7 | 2687.1 | 2685.7 | 2681.4 | 2680.1 | 2680.1 |
| 12.5° | 2652.0 | 2647.8 | 2637.9 | 2632.4 | 2635.2 | 2626.8 | 2626.8 |
| 15° | 2609.9 | 2602.9 | 2590.2 | 2586.0 | 2579.0 | 2576.1 | 2576.1 |
| 17.5° | 2566.4 | 2560.7 | 2549.5 | 2541.0 | 2532.6 | 2531.2 | 2532.6 |
| 20° | 2524.2 | 2518.6 | 2504.6 | 2499.0 | 2492.0 | 2492.0 | 2489.2 |
| 22.5° | 2482.1 | 2476.5 | 2463.9 | 2459.7 | 2449.8 | 2449.8 | 2451.3 |
| 25° | 2438.5 | 2434.4 | 2420.3 | 2417.5 | 2416.2 | 2410.5 | 2413.4 |
| 27.5° | 2379.6 | 2376.8 | 2365.5 | 2361.4 | 2355.8 | 2354.4 | 2357.2 |
| 30° | 2271.5 | 2267.3 | 2258.9 | 2254.7 | 2244.8 | 2246.3 | 2249.0 |
| 32.5° | 2136.7 | 2131.2 | 2119.8 | 2115.7 | 2107.2 | 2104.4 | 2105.9 |
| 35° | 1968.3 | 1964.1 | 1954.2 | 1954.2 | 1945.8 | 1943.0 | 1945.8 |
| 37.5° | 1797.1 | 1801.2 | 1797.1 | 1801.2 | 1797.1 | 1795.6 | 1797.1 |
| 40° | 1635.5 | 1651.0 | 1653.8 | 1669.3 | 1663.6 | 1672.1 | 1670.6 |
| 42.5° | 1481.1 | 1506.4 | 1516.3 | 1528.9 | 1526.1 | 1531.7 | 1535.9 |
| 45° | 1325.2 | 1346.4 | 1356.2 | 1364.6 | 1366.0 | 1368.8 | 1370.2 |
| 47.5° | 1177.9 | 1194.8 | 1196.1 | 1205.9 | 1204.5 | 1204.5 | 1208.8 |
| 50° | 1040.3 | 1051.5 | 1054.4 | 1061.3 | 1055.7 | 1052.9 | 1054.4 |
| 52.5° | 912.6 | 923.7 | 920.9 | 923.7 | 916.8 | 914.0 | 915.3 |
| 55° | 782.0 | 787.6 | 787.6 | 787.6 | 779.2 | 779.2 | 779.2 |
| 57.5° | 648.6 | 650.0 | 647.2 | 648.6 | 647.2 | 638.8 | 637.4 |
| 60° | 526.5 | 526.5 | 525.0 | 526.5 | 522.2 | 518.1 | 518.1 |
| 62.5° | 411.3 | 414.1 | 419.7 | 414.1 | 411.3 | 414.1 | 410.0 |
| 65° | 307.5 | 313.1 | 311.6 | 314.4 | 313.1 | 313.1 | 310.3 |
| 67.5° | 231.6 | 233.1 | 234.4 | 235.9 | 235.9 | 235.9 | 235.9 |
| 70° | 169.9 | 174.2 | 172.7 | 172.7 | 172.7 | 172.7 | 181.1 |
| 72.5° | 113.7 | 119.4 | 117.9 | 120.7 | 120.7 | 123.5 | 120.7 |
| 75° | 77.2 | 82.8 | 80.0 | 84.3 | 82.8 | 80.0 | 87.1 |
| 77.5° | 52.0 | 54.8 | 56.1 | 57.6 | 56.1 | 54.8 | 56.1 |
| 80° | 36.6 | 39.3 | 37.9 | 39.3 | 39.3 | 39.3 | 40.7 |
| 82.5° | 22.5 | 26.7 | 25.2 | 26.7 | 25.2 | 26.7 | 26.7 |
| 85° | 15.4 | 16.9 | 14.1 | 16.9 | 15.4 | 15.4 | 18.2 |
| 87.5° | 9.8 | 8.4 | 8.4 | 9.8 | 8.4 | 9.8 | 8.4 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)