

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: P248902

Luminaire Tested: **LSR8B60D010 EC8B60850 8LBSW0B**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P248902
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 EC8B60850 8LBSW0B
Description: PORTFOLIO 8 INCH SINGLE WALL WASH DISTRIBUTION 60 DEGREE CUTOFF
RECESSED DOWNLIGHT- CYLINDEC
80 CRI 5000 CCT WITH SPECULAR BLACK TRIM
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4827.0 lumens
Efficiency: N/A
Efficacy: 81.1 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

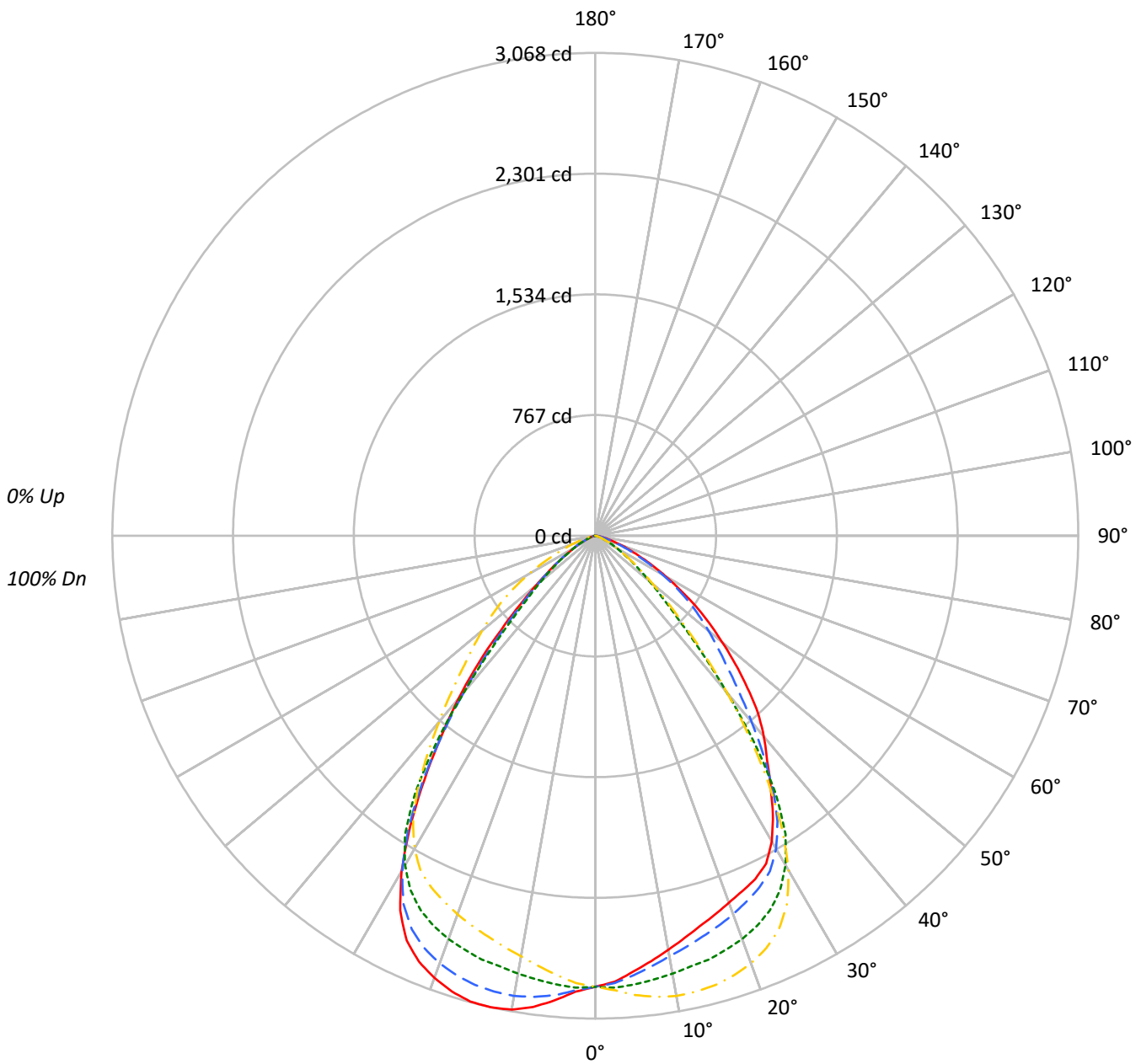
Input Watts (W): 59.5
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P248902

CATALOG NUMBER: LSR8B60D010 EC8B60850 8LBSW0B

Luminous Intensity Polar Plot



— 0°-180° - - 45°-225° - - - 90°-270° - - - 135°-315°



TEST NUMBER: P248902

CATALOG NUMBER: LSR8B60D010 EC8B60850 8LBSW0B

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° | 88365 | 88365 | 88365 | 88365 |
| 5° | 86018 | 88572 | 91736 | 88572 |
| 10° | 83638 | 88456 | 95730 | 88456 |
| 15° | 81968 | 88982 | 97825 | 88982 |
| 20° | 81412 | 89491 | 98078 | 89491 |
| 25° | 81838 | 89313 | 96503 | 89313 |
| 30° | 79816 | 86044 | 87589 | 86044 |
| 35° | 73007 | 75059 | 71215 | 75059 |
| 40° | 67027 | 52213 | 54524 | 52213 |
| 45° | 59557 | 31852 | 36854 | 31852 |
| 50° | 50410 | 21276 | 23627 | 21276 |
| 55° | 41751 | 14521 | 15344 | 14521 |
| 60° | 31842 | 9664 | 9750 | 9664 |
| 65° | 22561 | 6020 | 5516 | 6020 |
| 70° | 16274 | 4039 | 3660 | 4039 |
| 75° | 10330 | 2002 | 1668 | 2002 |
| 80° | 7210 | 1492 | 1243 | 1492 |
| 85° | 6439 | 0 | 495 | 0 |



TEST NUMBER: P248902

CATALOG NUMBER: LSR8B60D010 EC8B60850 8LBSW0B

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 272.8 | 5.7 |
| 10°-20° | 789.8 | 16.4 |
| 20°-30° | 1196.0 | 24.8 |
| 30°-40° | 1198.7 | 24.8 |
| 40°-50° | 752.7 | 15.6 |
| 50°-60° | 401.1 | 8.3 |
| 60°-70° | 165.0 | 3.4 |
| 70°-80° | 43.6 | 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° | 2258.6 | 46.8 |
| 0°-40° | 3457.3 | 71.6 |
| 0°-60° | 4611.1 | 95.5 |
| 0°-90° | 4827.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 4827.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0° | 2866 | 2866 | 2866 | 2866 | 2866 | |
| 5° | 2779 | 2861 | 2964 | 2861 | 2779 | 262 |
| 15° | 2568 | 2787 | 3064 | 2787 | 2568 | 726 |
| 25° | 2405 | 2625 | 2836 | 2625 | 2405 | 1103 |
| 35° | 1939 | 1994 | 1892 | 1994 | 1939 | 1215 |
| 45° | 1366 | 730 | 845 | 730 | 1366 | 1050 |
| 55° | 777 | 270 | 285 | 270 | 777 | 692 |
| 65° | 309 | 82 | 76 | 82 | 309 | 321 |
| 75° | 87 | 17 | 14 | 17 | 87 | 98 |
| 85° | 18 | 0 | 1 | 0 | 18 | 20 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P248902

CATALOG NUMBER: LSR8B60D010 EC8B60850 8LBSW0B

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2865.6 | 2865.6 | 2865.6 | 2865.6 | 2865.6 | 2865.6 | 2865.6 | 2865.6 | 2865.6 | 2865.6 | 2865.6 |
| 2.5° | 2836.3 | 2833.4 | 2832.1 | 2834.9 | 2836.3 | 2841.9 | 2840.5 | 2843.2 | 2843.2 | 2844.7 | 2847.4 |
| 5° | 2778.9 | 2777.5 | 2778.9 | 2778.9 | 2784.5 | 2790.1 | 2788.7 | 2792.9 | 2795.7 | 2802.7 | 2805.5 |
| 7.5° | 2725.7 | 2725.7 | 2724.3 | 2729.9 | 2732.7 | 2741.1 | 2739.7 | 2746.7 | 2750.9 | 2757.9 | 2767.7 |
| 10° | 2671.1 | 2671.1 | 2672.5 | 2676.7 | 2678.2 | 2690.7 | 2690.7 | 2700.5 | 2706.1 | 2713.1 | 2725.7 |
| 12.5° | 2618.0 | 2618.0 | 2626.4 | 2623.6 | 2629.2 | 2638.9 | 2643.2 | 2652.9 | 2661.4 | 2675.3 | 2688.0 |
| 15° | 2567.6 | 2567.6 | 2570.4 | 2577.4 | 2581.6 | 2594.2 | 2601.2 | 2612.4 | 2622.2 | 2636.2 | 2654.4 |
| 17.5° | 2524.2 | 2522.8 | 2524.2 | 2532.6 | 2541.0 | 2552.2 | 2557.8 | 2571.8 | 2581.6 | 2599.8 | 2616.6 |
| 20° | 2480.9 | 2483.7 | 2483.7 | 2490.6 | 2496.2 | 2510.2 | 2515.8 | 2531.2 | 2542.4 | 2559.2 | 2578.8 |
| 22.5° | 2443.1 | 2441.7 | 2441.7 | 2451.5 | 2455.7 | 2468.2 | 2473.8 | 2487.8 | 2500.4 | 2514.4 | 2532.6 |
| 25° | 2405.3 | 2402.5 | 2408.1 | 2409.5 | 2412.3 | 2426.3 | 2430.5 | 2440.2 | 2452.9 | 2465.5 | 2483.7 |
| 27.5° | 2349.3 | 2346.5 | 2347.9 | 2353.5 | 2357.7 | 2368.9 | 2371.7 | 2381.5 | 2391.3 | 2402.5 | 2417.9 |
| 30° | 2241.6 | 2238.8 | 2237.4 | 2247.2 | 2251.4 | 2259.8 | 2264.0 | 2280.8 | 2283.5 | 2296.1 | 2307.3 |
| 32.5° | 2098.8 | 2097.5 | 2100.3 | 2108.6 | 2112.8 | 2124.1 | 2129.6 | 2139.4 | 2146.4 | 2153.4 | 2164.6 |
| 35° | 1939.4 | 1936.5 | 1939.4 | 1947.8 | 1947.8 | 1957.6 | 1961.8 | 1965.9 | 1964.5 | 1965.9 | 1963.1 |
| 37.5° | 1791.1 | 1789.6 | 1791.1 | 1795.2 | 1791.1 | 1795.2 | 1791.1 | 1782.6 | 1767.3 | 1750.4 | 1733.6 |
| 40° | 1665.1 | 1666.5 | 1658.1 | 1663.7 | 1648.3 | 1645.5 | 1630.1 | 1609.1 | 1578.4 | 1544.8 | 1497.2 |
| 42.5° | 1530.8 | 1526.6 | 1521.0 | 1523.8 | 1511.2 | 1501.4 | 1476.2 | 1449.6 | 1410.4 | 1354.5 | 1297.1 |
| 45° | 1365.7 | 1364.3 | 1361.5 | 1360.1 | 1351.7 | 1341.9 | 1320.9 | 1290.1 | 1246.7 | 1189.4 | 1120.8 |
| 47.5° | 1204.7 | 1200.5 | 1200.5 | 1201.9 | 1192.1 | 1190.8 | 1173.9 | 1147.4 | 1109.6 | 1053.6 | 982.3 |
| 50° | 1050.8 | 1049.4 | 1052.2 | 1057.8 | 1050.8 | 1048.0 | 1036.9 | 1018.7 | 985.1 | 937.5 | 870.3 |
| 52.5° | 912.3 | 910.9 | 913.7 | 920.7 | 917.9 | 920.7 | 909.5 | 895.5 | 873.1 | 826.9 | 768.2 |
| 55° | 776.6 | 776.6 | 776.6 | 784.9 | 784.9 | 784.9 | 779.4 | 771.0 | 750.0 | 716.4 | 661.9 |
| 57.5° | 635.3 | 636.6 | 645.1 | 646.4 | 645.1 | 647.9 | 646.4 | 638.0 | 624.1 | 600.3 | 558.3 |
| 60° | 516.3 | 516.3 | 520.5 | 524.7 | 523.3 | 524.7 | 524.7 | 520.5 | 506.5 | 487.0 | 453.4 |
| 62.5° | 408.6 | 412.8 | 410.0 | 412.8 | 418.4 | 412.8 | 410.0 | 407.2 | 397.4 | 384.8 | 356.8 |
| 65° | 309.2 | 312.0 | 312.0 | 313.4 | 310.6 | 312.0 | 306.5 | 302.3 | 296.7 | 282.7 | 264.5 |
| 67.5° | 235.1 | 235.1 | 235.1 | 235.1 | 233.7 | 232.3 | 230.9 | 226.7 | 216.9 | 211.3 | 191.7 |
| 70° | 180.5 | 172.1 | 172.1 | 172.1 | 172.1 | 173.5 | 169.3 | 163.7 | 160.9 | 151.1 | 137.1 |
| 72.5° | 120.3 | 123.1 | 120.3 | 120.3 | 117.5 | 118.9 | 113.3 | 110.5 | 107.8 | 102.2 | 93.8 |
| 75° | 86.7 | 79.8 | 82.5 | 84.0 | 79.8 | 82.5 | 76.9 | 71.4 | 71.4 | 67.2 | 63.0 |
| 77.5° | 56.0 | 54.6 | 56.0 | 57.4 | 56.0 | 54.6 | 51.8 | 49.0 | 49.0 | 47.6 | 43.4 |
| 80° | 40.6 | 39.2 | 39.2 | 39.2 | 37.8 | 39.2 | 36.4 | 36.4 | 33.6 | 32.2 | 29.4 |
| 82.5° | 26.6 | 26.6 | 25.2 | 26.6 | 25.2 | 26.6 | 22.4 | 22.4 | 22.4 | 21.0 | 18.2 |
| 85° | 18.2 | 15.4 | 15.4 | 16.8 | 14.0 | 16.8 | 15.4 | 14.0 | 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: P248902

CATALOG NUMBER: LSR8B60D010 EC8B60850 8LBSW0B

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2865.6 | 2865.6 | 2865.6 | 2865.6 | 2865.6 | 2865.6 | 2865.6 | 2865.6 | 2865.6 | 2865.6 | 2865.6 |
| 2.5° | 2851.6 | 2853.0 | 2853.0 | 2858.7 | 2861.4 | 2862.8 | 2862.8 | 2874.0 | 2869.8 | 2872.7 | 2875.4 |
| 5° | 2811.1 | 2819.4 | 2822.3 | 2822.3 | 2837.6 | 2843.2 | 2848.8 | 2861.4 | 2862.8 | 2871.2 | 2881.0 |
| 7.5° | 2771.9 | 2781.7 | 2787.3 | 2799.9 | 2809.7 | 2819.4 | 2836.3 | 2844.7 | 2853.0 | 2864.3 | 2876.8 |
| 10° | 2734.1 | 2745.3 | 2756.5 | 2766.3 | 2781.7 | 2794.3 | 2805.5 | 2825.0 | 2834.9 | 2850.3 | 2867.0 |
| 12.5° | 2697.8 | 2713.1 | 2722.9 | 2739.7 | 2756.5 | 2767.7 | 2784.5 | 2802.7 | 2818.1 | 2833.4 | 2853.0 |
| 15° | 2665.6 | 2683.8 | 2694.9 | 2713.1 | 2731.3 | 2746.7 | 2764.9 | 2787.3 | 2798.5 | 2816.7 | 2834.9 |
| 17.5° | 2630.5 | 2650.2 | 2664.2 | 2680.9 | 2703.3 | 2720.1 | 2735.5 | 2757.9 | 2771.9 | 2791.5 | 2812.5 |
| 20° | 2594.2 | 2613.8 | 2630.5 | 2647.4 | 2669.8 | 2686.5 | 2704.7 | 2727.1 | 2742.5 | 2762.1 | 2778.9 |
| 22.5° | 2550.8 | 2569.0 | 2587.2 | 2606.8 | 2629.2 | 2643.2 | 2664.2 | 2683.8 | 2700.5 | 2718.7 | 2735.5 |
| 25° | 2494.8 | 2517.3 | 2531.2 | 2549.4 | 2567.6 | 2583.0 | 2605.4 | 2625.0 | 2638.9 | 2655.8 | 2671.1 |
| 27.5° | 2429.1 | 2445.9 | 2457.1 | 2472.4 | 2490.6 | 2504.6 | 2521.4 | 2541.0 | 2555.0 | 2570.4 | 2581.6 |
| 30° | 2317.1 | 2332.5 | 2342.3 | 2353.5 | 2371.7 | 2384.3 | 2398.3 | 2416.5 | 2426.3 | 2437.5 | 2447.3 |
| 32.5° | 2170.2 | 2182.8 | 2188.4 | 2196.8 | 2209.4 | 2222.0 | 2233.2 | 2248.6 | 2252.8 | 2259.8 | 2259.8 |
| 35° | 1957.6 | 1960.3 | 1958.9 | 1961.8 | 1967.3 | 1974.3 | 1984.1 | 1993.9 | 1999.5 | 1999.5 | 1995.3 |
| 37.5° | 1708.5 | 1691.7 | 1673.5 | 1659.5 | 1655.3 | 1652.5 | 1658.1 | 1662.3 | 1667.9 | 1670.7 | 1663.7 |
| 40° | 1449.6 | 1411.9 | 1371.3 | 1334.9 | 1309.7 | 1298.5 | 1294.3 | 1297.1 | 1297.1 | 1306.9 | 1306.9 |
| 42.5° | 1227.2 | 1168.3 | 1108.2 | 1053.6 | 1017.2 | 989.3 | 976.7 | 976.7 | 978.1 | 985.1 | 989.3 |
| 45° | 1042.4 | 968.3 | 898.3 | 838.2 | 787.8 | 751.4 | 734.6 | 730.4 | 729.0 | 731.8 | 741.6 |
| 47.5° | 901.1 | 824.2 | 751.4 | 677.2 | 624.1 | 587.7 | 572.3 | 566.7 | 561.1 | 566.7 | 568.1 |
| 50° | 790.6 | 710.8 | 633.9 | 559.7 | 503.7 | 471.5 | 451.9 | 443.5 | 442.1 | 442.1 | 445.0 |
| 52.5° | 689.8 | 615.7 | 538.7 | 463.2 | 404.4 | 373.6 | 355.4 | 351.2 | 345.6 | 351.2 | 351.2 |
| 55° | 594.7 | 520.5 | 445.0 | 373.6 | 324.6 | 292.5 | 275.6 | 270.1 | 267.2 | 271.4 | 271.4 |
| 57.5° | 491.2 | 428.2 | 358.2 | 293.8 | 244.9 | 222.5 | 209.9 | 202.9 | 201.5 | 204.3 | 201.5 |
| 60° | 403.0 | 349.8 | 289.6 | 230.9 | 193.1 | 169.3 | 159.5 | 156.7 | 153.9 | 156.7 | 156.7 |
| 62.5° | 319.0 | 274.3 | 225.2 | 180.5 | 148.3 | 131.5 | 120.3 | 120.3 | 118.9 | 118.9 | 120.3 |
| 65° | 236.5 | 201.5 | 166.5 | 128.7 | 103.6 | 90.9 | 82.5 | 82.5 | 81.1 | 82.5 | 81.1 |
| 67.5° | 172.1 | 148.3 | 120.3 | 93.8 | 74.2 | 67.2 | 61.6 | 57.4 | 60.2 | 57.4 | 56.0 |
| 70° | 126.0 | 106.3 | 86.7 | 71.4 | 57.4 | 50.4 | 46.2 | 44.8 | 42.0 | 42.0 | 42.0 |
| 72.5° | 84.0 | 71.4 | 58.7 | 46.2 | 37.8 | 30.8 | 29.4 | 26.6 | 23.8 | 25.2 | 28.0 |
| 75° | 56.0 | 47.6 | 42.0 | 33.6 | 25.2 | 25.2 | 16.8 | 16.8 | 14.0 | 16.8 | 12.6 |
| 77.5° | 39.2 | 32.2 | 25.2 | 21.0 | 16.8 | 15.4 | 11.2 | 11.2 | 9.8 | 9.8 | 9.8 |
| 80° | 28.0 | 23.8 | 18.2 | 15.4 | 11.2 | 11.2 | 9.8 | 8.4 | 7.0 | 7.0 | 8.4 |
| 82.5° | 16.8 | 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 | 1.4 | 0.0 | 1.4 | 1.4 | 0.0 |
| 87.5° | 5.6 | 2.8 | 2.8 | 1.4 | 0.0 | 1.4 | 1.4 | 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: P248902

CATALOG NUMBER: LSR8B60D010 EC8B60850 8LBSW0B

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2865.6 | 2865.6 | 2865.6 | 2865.6 | 2865.6 | 2865.6 | 2865.6 | 2865.6 | 2865.6 | 2865.6 | 2865.6 |
| 2.5° | 2882.5 | 2881.0 | 2883.8 | 2883.8 | 2892.2 | 2890.8 | 2895.0 | 2895.0 | 2892.2 | 2893.6 | 2899.2 |
| 5° | 2892.2 | 2896.4 | 2904.8 | 2911.8 | 2924.4 | 2930.0 | 2937.0 | 2944.0 | 2945.4 | 2949.6 | 2953.8 |
| 7.5° | 2892.2 | 2906.2 | 2916.0 | 2928.6 | 2945.4 | 2955.2 | 2970.6 | 2983.2 | 2988.8 | 2995.7 | 3004.2 |
| 10° | 2886.6 | 2900.6 | 2918.8 | 2932.8 | 2953.8 | 2969.2 | 2984.6 | 3004.2 | 3012.6 | 3023.7 | 3035.0 |
| 12.5° | 2875.4 | 2890.8 | 2910.4 | 2928.6 | 2952.4 | 2966.4 | 2986.0 | 3004.2 | 3016.8 | 3032.1 | 3044.8 |
| 15° | 2858.7 | 2876.8 | 2895.0 | 2913.2 | 2938.4 | 2955.2 | 2973.4 | 2994.4 | 3007.0 | 3023.7 | 3035.0 |
| 17.5° | 2832.1 | 2851.6 | 2868.5 | 2885.2 | 2909.0 | 2928.6 | 2945.4 | 2965.0 | 2977.6 | 2991.6 | 3007.0 |
| 20° | 2799.9 | 2818.1 | 2836.3 | 2850.3 | 2874.0 | 2890.8 | 2909.0 | 2927.2 | 2937.0 | 2939.8 | 2963.6 |
| 22.5° | 2759.3 | 2771.9 | 2785.9 | 2808.3 | 2822.3 | 2837.6 | 2854.5 | 2871.2 | 2881.0 | 2896.4 | 2904.8 |
| 25° | 2692.1 | 2704.7 | 2720.1 | 2729.9 | 2746.7 | 2759.3 | 2776.1 | 2794.3 | 2799.9 | 2811.1 | 2819.4 |
| 27.5° | 2598.4 | 2605.4 | 2612.4 | 2620.7 | 2630.5 | 2637.6 | 2647.4 | 2655.8 | 2661.4 | 2666.9 | 2672.5 |
| 30° | 2450.0 | 2450.0 | 2450.0 | 2444.5 | 2448.7 | 2452.9 | 2454.2 | 2452.9 | 2452.9 | 2451.5 | 2451.5 |
| 32.5° | 2254.2 | 2243.0 | 2230.4 | 2219.2 | 2215.0 | 2209.4 | 2206.6 | 2202.4 | 2195.4 | 2191.2 | 2192.6 |
| 35° | 1989.7 | 1964.5 | 1949.1 | 1935.2 | 1924.0 | 1915.6 | 1911.4 | 1907.2 | 1905.8 | 1900.2 | 1894.5 |
| 37.5° | 1659.5 | 1641.3 | 1630.1 | 1621.7 | 1611.9 | 1603.5 | 1604.9 | 1606.3 | 1610.5 | 1607.7 | 1609.1 |
| 40° | 1309.7 | 1305.5 | 1309.7 | 1299.9 | 1297.1 | 1299.9 | 1306.9 | 1316.7 | 1322.3 | 1327.9 | 1337.7 |
| 42.5° | 996.3 | 1003.2 | 1013.1 | 1013.1 | 1017.2 | 1022.9 | 1031.2 | 1046.7 | 1055.0 | 1064.8 | 1076.0 |
| 45° | 750.0 | 758.4 | 771.0 | 775.2 | 778.0 | 784.9 | 794.8 | 807.3 | 812.9 | 821.3 | 831.1 |
| 47.5° | 577.9 | 583.5 | 590.5 | 597.5 | 604.4 | 607.3 | 617.1 | 617.1 | 624.1 | 629.7 | 632.4 |
| 50° | 450.6 | 456.1 | 461.7 | 465.9 | 468.8 | 473.0 | 475.7 | 479.9 | 481.3 | 484.1 | 485.5 |
| 52.5° | 352.6 | 359.6 | 359.6 | 362.4 | 366.6 | 370.8 | 369.4 | 370.8 | 372.2 | 372.2 | 376.4 |
| 55° | 275.6 | 275.6 | 279.8 | 279.8 | 282.7 | 281.2 | 282.7 | 282.7 | 282.7 | 282.7 | 284.1 |
| 57.5° | 205.7 | 207.1 | 211.3 | 208.5 | 207.1 | 209.9 | 207.1 | 209.9 | 208.5 | 211.3 | 207.1 |
| 60° | 158.1 | 158.1 | 159.5 | 159.5 | 160.9 | 160.9 | 160.9 | 159.5 | 159.5 | 158.1 | 158.1 |
| 62.5° | 118.9 | 120.3 | 121.8 | 120.3 | 120.3 | 120.3 | 118.9 | 118.9 | 117.5 | 116.1 | 116.1 |
| 65° | 79.8 | 78.4 | 81.1 | 78.4 | 79.8 | 79.8 | 78.4 | 79.8 | 75.6 | 76.9 | 75.6 |
| 67.5° | 57.4 | 56.0 | 54.6 | 56.0 | 54.6 | 53.2 | 53.2 | 54.6 | 56.0 | 51.8 | 51.8 |
| 70° | 37.8 | 39.2 | 37.8 | 39.2 | 40.6 | 40.6 | 39.2 | 37.8 | 39.2 | 36.4 | 37.8 |
| 72.5° | 23.8 | 23.8 | 23.8 | 23.8 | 23.8 | 25.2 | 25.2 | 25.2 | 22.4 | 22.4 | 21.0 |
| 75° | 11.2 | 15.4 | 12.6 | 11.2 | 15.4 | 15.4 | 14.0 | 14.0 | 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 | 1.4 | 2.8 | 2.8 | 1.4 | 2.8 | 2.8 | 1.4 |
| 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: P248902

CATALOG NUMBER: LSR8B60D010 EC8B60850 8LBSW0B

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2865.6 | 2865.6 | 2865.6 | 2865.6 | 2865.6 | 2865.6 | 2865.6 | 2865.6 | 2865.6 | 2865.6 | 2865.6 |
| 2.5° | 2897.8 | 2896.4 | 2897.8 | 2899.2 | 2897.8 | 2896.4 | 2897.8 | 2899.2 | 2893.6 | 2892.2 | 2895.0 |
| 5° | 2959.4 | 2959.4 | 2962.2 | 2963.6 | 2962.2 | 2959.4 | 2959.4 | 2953.8 | 2949.6 | 2945.4 | 2944.0 |
| 7.5° | 3012.6 | 3015.4 | 3018.1 | 3019.5 | 3018.1 | 3015.4 | 3012.6 | 3004.2 | 2995.7 | 2988.8 | 2983.2 |
| 10° | 3044.8 | 3049.0 | 3054.5 | 3057.3 | 3054.5 | 3049.0 | 3044.8 | 3035.0 | 3023.7 | 3012.6 | 3004.2 |
| 12.5° | 3058.7 | 3063.0 | 3069.9 | 3068.5 | 3069.9 | 3063.0 | 3058.7 | 3044.8 | 3032.1 | 3016.8 | 3004.2 |
| 15° | 3049.0 | 3054.5 | 3061.5 | 3064.3 | 3061.5 | 3054.5 | 3049.0 | 3035.0 | 3023.7 | 3007.0 | 2994.4 |
| 17.5° | 3018.1 | 3026.6 | 3030.8 | 3035.0 | 3030.8 | 3026.6 | 3018.1 | 3007.0 | 2991.6 | 2977.6 | 2965.0 |
| 20° | 2976.2 | 2981.8 | 2987.4 | 2988.8 | 2987.4 | 2981.8 | 2976.2 | 2963.6 | 2939.8 | 2937.0 | 2927.2 |
| 22.5° | 2916.0 | 2920.2 | 2932.8 | 2928.6 | 2932.8 | 2920.2 | 2916.0 | 2904.8 | 2896.4 | 2881.0 | 2871.2 |
| 25° | 2829.2 | 2833.4 | 2834.9 | 2836.3 | 2834.9 | 2833.4 | 2829.2 | 2819.4 | 2811.1 | 2799.9 | 2794.3 |
| 27.5° | 2679.6 | 2679.6 | 2682.3 | 2683.8 | 2682.3 | 2679.6 | 2679.6 | 2672.5 | 2666.9 | 2661.4 | 2655.8 |
| 30° | 2452.9 | 2452.9 | 2452.9 | 2459.9 | 2452.9 | 2452.9 | 2452.9 | 2451.5 | 2451.5 | 2452.9 | 2452.9 |
| 32.5° | 2191.2 | 2188.4 | 2185.6 | 2188.4 | 2185.6 | 2188.4 | 2191.2 | 2192.6 | 2191.2 | 2195.4 | 2202.4 |
| 35° | 1894.5 | 1893.2 | 1897.4 | 1891.8 | 1897.4 | 1893.2 | 1894.5 | 1894.5 | 1900.2 | 1905.8 | 1907.2 |
| 37.5° | 1610.5 | 1607.7 | 1613.3 | 1607.7 | 1613.3 | 1607.7 | 1610.5 | 1609.1 | 1607.7 | 1610.5 | 1606.3 |
| 40° | 1340.5 | 1343.3 | 1343.3 | 1354.5 | 1343.3 | 1343.3 | 1340.5 | 1337.7 | 1327.9 | 1322.3 | 1316.7 |
| 42.5° | 1081.6 | 1090.0 | 1087.2 | 1095.6 | 1087.2 | 1090.0 | 1081.6 | 1076.0 | 1064.8 | 1055.0 | 1046.7 |
| 45° | 836.7 | 842.4 | 842.4 | 845.1 | 842.4 | 842.4 | 836.7 | 831.1 | 821.3 | 812.9 | 807.3 |
| 47.5° | 642.2 | 642.2 | 642.2 | 643.7 | 642.2 | 642.2 | 642.2 | 632.4 | 629.7 | 624.1 | 617.1 |
| 50° | 488.3 | 489.7 | 491.2 | 492.5 | 491.2 | 489.7 | 488.3 | 485.5 | 484.1 | 481.3 | 479.9 |
| 52.5° | 375.0 | 376.4 | 373.6 | 376.4 | 373.6 | 376.4 | 375.0 | 376.4 | 372.2 | 372.2 | 370.8 |
| 55° | 284.1 | 282.7 | 284.1 | 285.4 | 284.1 | 282.7 | 284.1 | 284.1 | 282.7 | 282.7 | 282.7 |
| 57.5° | 208.5 | 205.7 | 205.7 | 205.7 | 205.7 | 205.7 | 208.5 | 207.1 | 211.3 | 208.5 | 209.9 |
| 60° | 155.3 | 156.7 | 156.7 | 158.1 | 156.7 | 156.7 | 155.3 | 158.1 | 158.1 | 159.5 | 159.5 |
| 62.5° | 114.7 | 118.9 | 116.1 | 118.9 | 116.1 | 118.9 | 114.7 | 116.1 | 116.1 | 117.5 | 118.9 |
| 65° | 74.2 | 74.2 | 74.2 | 75.6 | 74.2 | 74.2 | 74.2 | 75.6 | 76.9 | 75.6 | 79.8 |
| 67.5° | 50.4 | 51.8 | 54.6 | 53.2 | 54.6 | 51.8 | 50.4 | 51.8 | 51.8 | 56.0 | 54.6 |
| 70° | 40.6 | 36.4 | 36.4 | 40.6 | 36.4 | 36.4 | 40.6 | 37.8 | 36.4 | 39.2 | 37.8 |
| 72.5° | 23.8 | 21.0 | 23.8 | 23.8 | 23.8 | 21.0 | 23.8 | 21.0 | 22.4 | 22.4 | 25.2 |
| 75° | 12.6 | 11.2 | 9.8 | 14.0 | 9.8 | 11.2 | 12.6 | 12.6 | 12.6 | 12.6 | 14.0 |
| 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° | 1.4 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 | 1.4 | 1.4 | 2.8 | 2.8 | 1.4 |
| 85° | 0.0 | 2.8 | 1.4 | 1.4 | 1.4 | 2.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 1.4 | 0.0 | 0.0 | 1.4 | 0.0 | 0.0 | 1.4 | 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: P248902

CATALOG NUMBER: LSR8B60D010 EC8B60850 8LBSW0B

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2865.6 | 2865.6 | 2865.6 | 2865.6 | 2865.6 | 2865.6 | 2865.6 | 2865.6 | 2865.6 | 2865.6 | 2865.6 |
| 2.5° | 2895.0 | 2890.8 | 2892.2 | 2883.8 | 2883.8 | 2881.0 | 2882.5 | 2875.4 | 2872.7 | 2869.8 | 2874.0 |
| 5° | 2937.0 | 2930.0 | 2924.4 | 2911.8 | 2904.8 | 2896.4 | 2892.2 | 2881.0 | 2871.2 | 2862.8 | 2861.4 |
| 7.5° | 2970.6 | 2955.2 | 2945.4 | 2928.6 | 2916.0 | 2906.2 | 2892.2 | 2876.8 | 2864.3 | 2853.0 | 2844.7 |
| 10° | 2984.6 | 2969.2 | 2953.8 | 2932.8 | 2918.8 | 2900.6 | 2886.6 | 2867.0 | 2850.3 | 2834.9 | 2825.0 |
| 12.5° | 2986.0 | 2966.4 | 2952.4 | 2928.6 | 2910.4 | 2890.8 | 2875.4 | 2853.0 | 2833.4 | 2818.1 | 2802.7 |
| 15° | 2973.4 | 2955.2 | 2938.4 | 2913.2 | 2895.0 | 2876.8 | 2858.7 | 2834.9 | 2816.7 | 2798.5 | 2787.3 |
| 17.5° | 2945.4 | 2928.6 | 2909.0 | 2885.2 | 2868.5 | 2851.6 | 2832.1 | 2812.5 | 2791.5 | 2771.9 | 2757.9 |
| 20° | 2909.0 | 2890.8 | 2874.0 | 2850.3 | 2836.3 | 2818.1 | 2799.9 | 2778.9 | 2762.1 | 2742.5 | 2727.1 |
| 22.5° | 2854.5 | 2837.6 | 2822.3 | 2808.3 | 2785.9 | 2771.9 | 2759.3 | 2735.5 | 2718.7 | 2700.5 | 2683.8 |
| 25° | 2776.1 | 2759.3 | 2746.7 | 2729.9 | 2720.1 | 2704.7 | 2692.1 | 2671.1 | 2655.8 | 2638.9 | 2625.0 |
| 27.5° | 2647.4 | 2637.6 | 2630.5 | 2620.7 | 2612.4 | 2605.4 | 2598.4 | 2581.6 | 2570.4 | 2555.0 | 2541.0 |
| 30° | 2454.2 | 2452.9 | 2448.7 | 2444.5 | 2450.0 | 2450.0 | 2450.0 | 2447.3 | 2437.5 | 2426.3 | 2416.5 |
| 32.5° | 2206.6 | 2209.4 | 2215.0 | 2219.2 | 2230.4 | 2243.0 | 2254.2 | 2259.8 | 2259.8 | 2252.8 | 2248.6 |
| 35° | 1911.4 | 1915.6 | 1924.0 | 1935.2 | 1949.1 | 1964.5 | 1989.7 | 1995.3 | 1999.5 | 1999.5 | 1993.9 |
| 37.5° | 1604.9 | 1603.5 | 1611.9 | 1621.7 | 1630.1 | 1641.3 | 1659.5 | 1663.7 | 1670.7 | 1667.9 | 1662.3 |
| 40° | 1306.9 | 1299.9 | 1297.1 | 1299.9 | 1309.7 | 1305.5 | 1309.7 | 1306.9 | 1306.9 | 1297.1 | 1297.1 |
| 42.5° | 1031.2 | 1022.9 | 1017.2 | 1013.1 | 1013.1 | 1003.2 | 996.3 | 989.3 | 985.1 | 978.1 | 976.7 |
| 45° | 794.8 | 784.9 | 778.0 | 775.2 | 771.0 | 758.4 | 750.0 | 741.6 | 731.8 | 729.0 | 730.4 |
| 47.5° | 617.1 | 607.3 | 604.4 | 597.5 | 590.5 | 583.5 | 577.9 | 568.1 | 566.7 | 561.1 | 566.7 |
| 50° | 475.7 | 473.0 | 468.8 | 465.9 | 461.7 | 456.1 | 450.6 | 445.0 | 442.1 | 442.1 | 443.5 |
| 52.5° | 369.4 | 370.8 | 366.6 | 362.4 | 359.6 | 359.6 | 352.6 | 351.2 | 351.2 | 345.6 | 351.2 |
| 55° | 282.7 | 281.2 | 282.7 | 279.8 | 279.8 | 275.6 | 275.6 | 271.4 | 271.4 | 267.2 | 270.1 |
| 57.5° | 207.1 | 209.9 | 207.1 | 208.5 | 211.3 | 207.1 | 205.7 | 201.5 | 204.3 | 201.5 | 202.9 |
| 60° | 160.9 | 160.9 | 160.9 | 159.5 | 159.5 | 158.1 | 158.1 | 156.7 | 156.7 | 153.9 | 156.7 |
| 62.5° | 118.9 | 120.3 | 120.3 | 120.3 | 121.8 | 120.3 | 118.9 | 120.3 | 118.9 | 118.9 | 120.3 |
| 65° | 78.4 | 79.8 | 79.8 | 78.4 | 81.1 | 78.4 | 79.8 | 81.1 | 82.5 | 81.1 | 82.5 |
| 67.5° | 53.2 | 53.2 | 54.6 | 56.0 | 54.6 | 56.0 | 57.4 | 56.0 | 57.4 | 60.2 | 57.4 |
| 70° | 39.2 | 40.6 | 40.6 | 39.2 | 37.8 | 39.2 | 37.8 | 42.0 | 42.0 | 42.0 | 44.8 |
| 72.5° | 25.2 | 25.2 | 23.8 | 23.8 | 23.8 | 23.8 | 23.8 | 28.0 | 25.2 | 23.8 | 26.6 |
| 75° | 14.0 | 15.4 | 15.4 | 11.2 | 12.6 | 15.4 | 11.2 | 12.6 | 16.8 | 14.0 | 16.8 |
| 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 | 1.4 | 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 | 1.4 | 1.4 | 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: P248902

CATALOG NUMBER: LSR8B60D010 EC8B60850 8LBSW0B

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2865.6 | 2865.6 | 2865.6 | 2865.6 | 2865.6 | 2865.6 | 2865.6 | 2865.6 | 2865.6 | 2865.6 | 2865.6 |
| 2.5° | 2862.8 | 2862.8 | 2861.4 | 2858.7 | 2853.0 | 2853.0 | 2851.6 | 2847.4 | 2844.7 | 2843.2 | 2843.2 |
| 5° | 2848.8 | 2843.2 | 2837.6 | 2822.3 | 2822.3 | 2819.4 | 2811.1 | 2805.5 | 2802.7 | 2795.7 | 2792.9 |
| 7.5° | 2836.3 | 2819.4 | 2809.7 | 2799.9 | 2787.3 | 2781.7 | 2771.9 | 2767.7 | 2757.9 | 2750.9 | 2746.7 |
| 10° | 2805.5 | 2794.3 | 2781.7 | 2766.3 | 2756.5 | 2745.3 | 2734.1 | 2725.7 | 2713.1 | 2706.1 | 2700.5 |
| 12.5° | 2784.5 | 2767.7 | 2756.5 | 2739.7 | 2722.9 | 2713.1 | 2697.8 | 2688.0 | 2675.3 | 2661.4 | 2652.9 |
| 15° | 2764.9 | 2746.7 | 2731.3 | 2713.1 | 2694.9 | 2683.8 | 2665.6 | 2654.4 | 2636.2 | 2622.2 | 2612.4 |
| 17.5° | 2735.5 | 2720.1 | 2703.3 | 2680.9 | 2664.2 | 2650.2 | 2630.5 | 2616.6 | 2599.8 | 2581.6 | 2571.8 |
| 20° | 2704.7 | 2686.5 | 2669.8 | 2647.4 | 2630.5 | 2613.8 | 2594.2 | 2578.8 | 2559.2 | 2542.4 | 2531.2 |
| 22.5° | 2664.2 | 2643.2 | 2629.2 | 2606.8 | 2587.2 | 2569.0 | 2550.8 | 2532.6 | 2514.4 | 2500.4 | 2487.8 |
| 25° | 2605.4 | 2583.0 | 2567.6 | 2549.4 | 2531.2 | 2517.3 | 2494.8 | 2483.7 | 2465.5 | 2452.9 | 2440.2 |
| 27.5° | 2521.4 | 2504.6 | 2490.6 | 2472.4 | 2457.1 | 2445.9 | 2429.1 | 2417.9 | 2402.5 | 2391.3 | 2381.5 |
| 30° | 2398.3 | 2384.3 | 2371.7 | 2353.5 | 2342.3 | 2332.5 | 2317.1 | 2307.3 | 2296.1 | 2283.5 | 2280.8 |
| 32.5° | 2233.2 | 2222.0 | 2209.4 | 2196.8 | 2188.4 | 2182.8 | 2170.2 | 2164.6 | 2153.4 | 2146.4 | 2139.4 |
| 35° | 1984.1 | 1974.3 | 1967.3 | 1961.8 | 1958.9 | 1960.3 | 1957.6 | 1963.1 | 1965.9 | 1964.5 | 1965.9 |
| 37.5° | 1658.1 | 1652.5 | 1655.3 | 1659.5 | 1673.5 | 1691.7 | 1708.5 | 1733.6 | 1750.4 | 1767.3 | 1782.6 |
| 40° | 1294.3 | 1298.5 | 1309.7 | 1334.9 | 1371.3 | 1411.9 | 1449.6 | 1497.2 | 1544.8 | 1578.4 | 1609.1 |
| 42.5° | 976.7 | 989.3 | 1017.2 | 1053.6 | 1108.2 | 1168.3 | 1227.2 | 1297.1 | 1354.5 | 1410.4 | 1449.6 |
| 45° | 734.6 | 751.4 | 787.8 | 838.2 | 898.3 | 968.3 | 1042.4 | 1120.8 | 1189.4 | 1246.7 | 1290.1 |
| 47.5° | 572.3 | 587.7 | 624.1 | 677.2 | 751.4 | 824.2 | 901.1 | 982.3 | 1053.6 | 1109.6 | 1147.4 |
| 50° | 451.9 | 471.5 | 503.7 | 559.7 | 633.9 | 710.8 | 790.6 | 870.3 | 937.5 | 985.1 | 1018.7 |
| 52.5° | 355.4 | 373.6 | 404.4 | 463.2 | 538.7 | 615.7 | 689.8 | 768.2 | 826.9 | 873.1 | 895.5 |
| 55° | 275.6 | 292.5 | 324.6 | 373.6 | 445.0 | 520.5 | 594.7 | 661.9 | 716.4 | 750.0 | 771.0 |
| 57.5° | 209.9 | 222.5 | 244.9 | 293.8 | 358.2 | 428.2 | 491.2 | 558.3 | 600.3 | 624.1 | 638.0 |
| 60° | 159.5 | 169.3 | 193.1 | 230.9 | 289.6 | 349.8 | 403.0 | 453.4 | 487.0 | 506.5 | 520.5 |
| 62.5° | 120.3 | 131.5 | 148.3 | 180.5 | 225.2 | 274.3 | 319.0 | 356.8 | 384.8 | 397.4 | 407.2 |
| 65° | 82.5 | 90.9 | 103.6 | 128.7 | 166.5 | 201.5 | 236.5 | 264.5 | 282.7 | 296.7 | 302.3 |
| 67.5° | 61.6 | 67.2 | 74.2 | 93.8 | 120.3 | 148.3 | 172.1 | 191.7 | 211.3 | 216.9 | 226.7 |
| 70° | 46.2 | 50.4 | 57.4 | 71.4 | 86.7 | 106.3 | 126.0 | 137.1 | 151.1 | 160.9 | 163.7 |
| 72.5° | 29.4 | 30.8 | 37.8 | 46.2 | 58.7 | 71.4 | 84.0 | 93.8 | 102.2 | 107.8 | 110.5 |
| 75° | 16.8 | 25.2 | 25.2 | 33.6 | 42.0 | 47.6 | 56.0 | 63.0 | 67.2 | 71.4 | 71.4 |
| 77.5° | 11.2 | 15.4 | 16.8 | 21.0 | 25.2 | 32.2 | 39.2 | 43.4 | 47.6 | 49.0 | 49.0 |
| 80° | 9.8 | 11.2 | 11.2 | 15.4 | 18.2 | 23.8 | 28.0 | 29.4 | 32.2 | 33.6 | 36.4 |
| 82.5° | 4.2 | 5.6 | 7.0 | 11.2 | 12.6 | 12.6 | 16.8 | 18.2 | 21.0 | 22.4 | 22.4 |
| 85° | 1.4 | 2.8 | 2.8 | 4.2 | 7.0 | 8.4 | 9.8 | 11.2 | 12.6 | 12.6 | 14.0 |
| 87.5° | 1.4 | 1.4 | 0.0 | 1.4 | 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: P248902

CATALOG NUMBER: LSR8B60D010 EC8B60850 8LBSW0B

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|-------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2865.6 | 2865.6 | 2865.6 | 2865.6 | 2865.6 | 2865.6 | 2865.6 |
| 2.5° | 2840.5 | 2841.9 | 2836.3 | 2834.9 | 2832.1 | 2833.4 | 2836.3 |
| 5° | 2788.7 | 2790.1 | 2784.5 | 2778.9 | 2778.9 | 2777.5 | 2778.9 |
| 7.5° | 2739.7 | 2741.1 | 2732.7 | 2729.9 | 2724.3 | 2725.7 | 2725.7 |
| 10° | 2690.7 | 2690.7 | 2678.2 | 2676.7 | 2672.5 | 2671.1 | 2671.1 |
| 12.5° | 2643.2 | 2638.9 | 2629.2 | 2623.6 | 2626.4 | 2618.0 | 2618.0 |
| 15° | 2601.2 | 2594.2 | 2581.6 | 2577.4 | 2570.4 | 2567.6 | 2567.6 |
| 17.5° | 2557.8 | 2552.2 | 2541.0 | 2532.6 | 2524.2 | 2522.8 | 2524.2 |
| 20° | 2515.8 | 2510.2 | 2496.2 | 2490.6 | 2483.7 | 2483.7 | 2480.9 |
| 22.5° | 2473.8 | 2468.2 | 2455.7 | 2451.5 | 2441.7 | 2441.7 | 2443.1 |
| 25° | 2430.5 | 2426.3 | 2412.3 | 2409.5 | 2408.1 | 2402.5 | 2405.3 |
| 27.5° | 2371.7 | 2368.9 | 2357.7 | 2353.5 | 2347.9 | 2346.5 | 2349.3 |
| 30° | 2264.0 | 2259.8 | 2251.4 | 2247.2 | 2237.4 | 2238.8 | 2241.6 |
| 32.5° | 2129.6 | 2124.1 | 2112.8 | 2108.6 | 2100.3 | 2097.5 | 2098.8 |
| 35° | 1961.8 | 1957.6 | 1947.8 | 1947.8 | 1939.4 | 1936.5 | 1939.4 |
| 37.5° | 1791.1 | 1795.2 | 1791.1 | 1795.2 | 1791.1 | 1789.6 | 1791.1 |
| 40° | 1630.1 | 1645.5 | 1648.3 | 1663.7 | 1658.1 | 1666.5 | 1665.1 |
| 42.5° | 1476.2 | 1501.4 | 1511.2 | 1523.8 | 1521.0 | 1526.6 | 1530.8 |
| 45° | 1320.9 | 1341.9 | 1351.7 | 1360.1 | 1361.5 | 1364.3 | 1365.7 |
| 47.5° | 1173.9 | 1190.8 | 1192.1 | 1201.9 | 1200.5 | 1200.5 | 1204.7 |
| 50° | 1036.9 | 1048.0 | 1050.8 | 1057.8 | 1052.2 | 1049.4 | 1050.8 |
| 52.5° | 909.5 | 920.7 | 917.9 | 920.7 | 913.7 | 910.9 | 912.3 |
| 55° | 779.4 | 784.9 | 784.9 | 784.9 | 776.6 | 776.6 | 776.6 |
| 57.5° | 646.4 | 647.9 | 645.1 | 646.4 | 645.1 | 636.6 | 635.3 |
| 60° | 524.7 | 524.7 | 523.3 | 524.7 | 520.5 | 516.3 | 516.3 |
| 62.5° | 410.0 | 412.8 | 418.4 | 412.8 | 410.0 | 412.8 | 408.6 |
| 65° | 306.5 | 312.0 | 310.6 | 313.4 | 312.0 | 312.0 | 309.2 |
| 67.5° | 230.9 | 232.3 | 233.7 | 235.1 | 235.1 | 235.1 | 235.1 |
| 70° | 169.3 | 173.5 | 172.1 | 172.1 | 172.1 | 172.1 | 180.5 |
| 72.5° | 113.3 | 118.9 | 117.5 | 120.3 | 120.3 | 123.1 | 120.3 |
| 75° | 76.9 | 82.5 | 79.8 | 84.0 | 82.5 | 79.8 | 86.7 |
| 77.5° | 51.8 | 54.6 | 56.0 | 57.4 | 56.0 | 54.6 | 56.0 |
| 80° | 36.4 | 39.2 | 37.8 | 39.2 | 39.2 | 39.2 | 40.6 |
| 82.5° | 22.4 | 26.6 | 25.2 | 26.6 | 25.2 | 26.6 | 26.6 |
| 85° | 15.4 | 16.8 | 14.0 | 16.8 | 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)