

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: P248958

Luminaire Tested: **LD8B80D010 ER8B80927 8LBSW0B**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P248958
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: LD8B80D010 ER8B80927 8LBSW0B
Description: PORTFOLIO 8 INCH SINGLE WALL WASH DISTRIBUTION 60 DEGREE CUTOFF
RECESSED DOWNLIGHT
97 CRI 2700 CCT WITH SPECULAR BLACK TRIM
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5009.6 lumens
Efficiency: N/A
Efficacy: 67.3 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

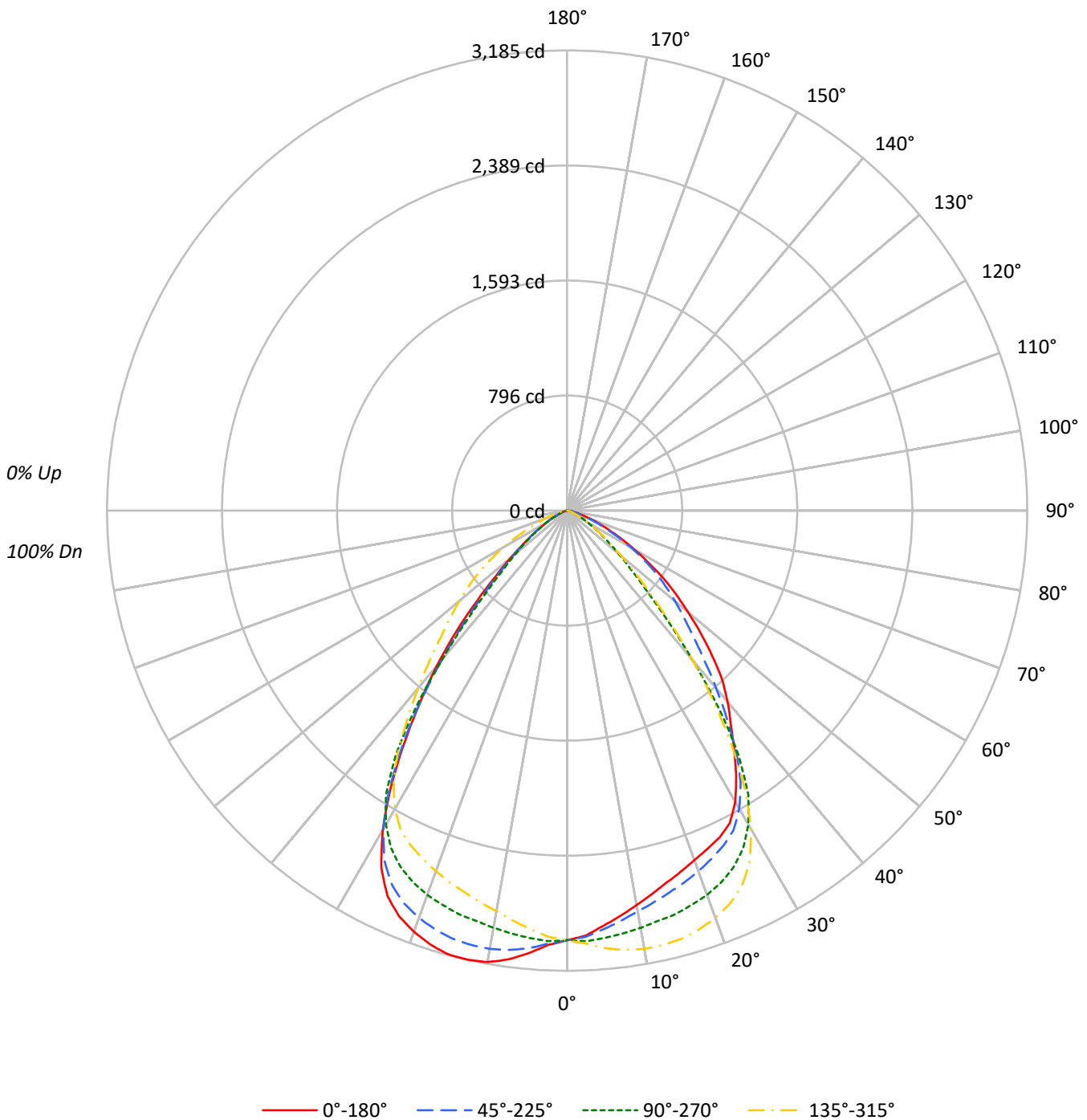
Input Watts (W): 74.4
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P248958

CATALOG NUMBER: LD8B80D010 ER8B80927 8LBSW0B

Luminous Intensity Polar Plot





TEST NUMBER: P248958

CATALOG NUMBER: LD8B80D010 ER8B80927 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 | 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: P248958

CATALOG NUMBER: LD8B80D010 ER8B80927 8LBSW0B

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 283.1 | 5.7 |
| 10°-20° | 819.7 | 16.4 |
| 20°-30° | 1241.2 | 24.8 |
| 30°-40° | 1244.0 | 24.8 |
| 40°-50° | 781.2 | 15.6 |
| 50°-60° | 416.3 | 8.3 |
| 60°-70° | 171.2 | 3.4 |
| 70°-80° | 45.2 | 0.9 |
| 80°-90° | 7.7 | 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° | 2344.0 | 46.8 |
| 0°-40° | 3588.1 | 71.6 |
| 0°-60° | 4785.6 | 95.5 |
| 0°-90° | 5009.6 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 5009.6 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0° | 2974 | 2974 | 2974 | 2974 | 2974 | |
| 5° | 2884 | 2970 | 3076 | 2970 | 2884 | 272 |
| 15° | 2665 | 2893 | 3180 | 2893 | 2665 | 754 |
| 25° | 2496 | 2724 | 2944 | 2724 | 2496 | 1145 |
| 35° | 2013 | 2069 | 1963 | 2069 | 2013 | 1261 |
| 45° | 1417 | 758 | 877 | 758 | 1417 | 1090 |
| 55° | 806 | 280 | 296 | 280 | 806 | 719 |
| 65° | 321 | 86 | 78 | 86 | 321 | 333 |
| 75° | 90 | 17 | 14 | 17 | 90 | 102 |
| 85° | 19 | 0 | 2 | 0 | 19 | 21 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P248958

CATALOG NUMBER: LD8B80D010 ER8B80927 8LBSW0B

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2974.0 | 2974.0 | 2974.0 | 2974.0 | 2974.0 | 2974.0 | 2974.0 | 2974.0 | 2974.0 | 2974.0 | 2974.0 |
| 2.5° | 2943.6 | 2940.6 | 2939.2 | 2942.1 | 2943.6 | 2949.4 | 2948.0 | 2950.8 | 2950.8 | 2952.3 | 2955.2 |
| 5° | 2884.0 | 2882.6 | 2884.0 | 2884.0 | 2889.8 | 2895.6 | 2894.2 | 2898.6 | 2901.5 | 2908.7 | 2911.6 |
| 7.5° | 2828.8 | 2828.8 | 2827.4 | 2833.2 | 2836.1 | 2844.8 | 2843.3 | 2850.6 | 2855.0 | 2862.2 | 2872.4 |
| 10° | 2772.2 | 2772.2 | 2773.7 | 2778.0 | 2779.5 | 2792.5 | 2792.5 | 2802.7 | 2808.5 | 2815.8 | 2828.8 |
| 12.5° | 2717.0 | 2717.0 | 2725.8 | 2722.8 | 2728.6 | 2738.8 | 2743.2 | 2753.3 | 2762.0 | 2776.6 | 2789.7 |
| 15° | 2664.8 | 2664.8 | 2667.7 | 2674.9 | 2679.3 | 2692.4 | 2699.5 | 2711.2 | 2721.4 | 2735.9 | 2754.8 |
| 17.5° | 2619.7 | 2618.3 | 2619.7 | 2628.5 | 2637.2 | 2648.8 | 2654.5 | 2669.1 | 2679.3 | 2698.2 | 2715.6 |
| 20° | 2574.7 | 2577.6 | 2577.6 | 2584.9 | 2590.6 | 2605.2 | 2611.0 | 2627.0 | 2638.6 | 2656.0 | 2676.4 |
| 22.5° | 2535.5 | 2534.1 | 2534.1 | 2544.2 | 2548.6 | 2561.6 | 2567.5 | 2582.0 | 2595.0 | 2609.5 | 2628.5 |
| 25° | 2496.3 | 2493.3 | 2499.2 | 2500.6 | 2503.6 | 2518.1 | 2522.4 | 2532.6 | 2545.6 | 2558.7 | 2577.6 |
| 27.5° | 2438.2 | 2435.3 | 2436.8 | 2442.6 | 2446.9 | 2458.5 | 2461.5 | 2471.6 | 2481.8 | 2493.3 | 2509.4 |
| 30° | 2326.4 | 2323.5 | 2322.0 | 2332.2 | 2336.6 | 2345.3 | 2349.6 | 2367.1 | 2369.9 | 2383.0 | 2394.6 |
| 32.5° | 2178.2 | 2176.8 | 2179.7 | 2188.4 | 2192.7 | 2204.4 | 2210.2 | 2220.4 | 2227.6 | 2234.9 | 2246.5 |
| 35° | 2012.7 | 2009.8 | 2012.7 | 2021.5 | 2021.5 | 2031.6 | 2036.0 | 2040.3 | 2038.8 | 2040.3 | 2037.4 |
| 37.5° | 1858.8 | 1857.4 | 1858.8 | 1863.1 | 1858.8 | 1863.1 | 1858.8 | 1850.1 | 1834.1 | 1816.6 | 1799.2 |
| 40° | 1728.1 | 1729.6 | 1720.9 | 1726.6 | 1710.7 | 1707.8 | 1691.8 | 1670.0 | 1638.1 | 1603.2 | 1553.9 |
| 42.5° | 1588.7 | 1584.3 | 1578.5 | 1581.4 | 1568.4 | 1558.1 | 1532.0 | 1504.5 | 1463.7 | 1405.7 | 1346.2 |
| 45° | 1417.4 | 1415.9 | 1413.0 | 1411.5 | 1402.8 | 1392.6 | 1370.8 | 1338.9 | 1293.9 | 1234.4 | 1163.1 |
| 47.5° | 1250.3 | 1245.9 | 1245.9 | 1247.4 | 1237.3 | 1235.8 | 1218.4 | 1190.8 | 1151.6 | 1093.5 | 1019.5 |
| 50° | 1090.6 | 1089.1 | 1092.0 | 1097.9 | 1090.6 | 1087.6 | 1076.1 | 1057.2 | 1022.4 | 973.0 | 903.3 |
| 52.5° | 946.8 | 945.3 | 948.3 | 955.6 | 952.6 | 955.6 | 944.0 | 929.4 | 906.2 | 858.3 | 797.3 |
| 55° | 805.9 | 805.9 | 805.9 | 814.6 | 814.6 | 814.6 | 808.9 | 800.2 | 778.4 | 743.5 | 686.9 |
| 57.5° | 659.2 | 660.7 | 669.5 | 670.8 | 669.5 | 672.4 | 670.8 | 662.2 | 647.7 | 623.0 | 579.5 |
| 60° | 535.8 | 535.8 | 540.2 | 544.6 | 543.2 | 544.6 | 544.6 | 540.2 | 525.7 | 505.4 | 470.6 |
| 62.5° | 424.0 | 428.4 | 425.5 | 428.4 | 434.1 | 428.4 | 425.5 | 422.6 | 412.4 | 399.4 | 370.2 |
| 65° | 321.0 | 323.9 | 323.9 | 325.2 | 322.3 | 323.9 | 318.0 | 313.7 | 307.9 | 293.4 | 274.5 |
| 67.5° | 244.0 | 244.0 | 244.0 | 244.0 | 242.6 | 241.1 | 239.6 | 235.2 | 225.1 | 219.3 | 198.9 |
| 70° | 187.3 | 178.6 | 178.6 | 178.6 | 178.6 | 180.1 | 175.7 | 170.0 | 167.0 | 156.8 | 142.3 |
| 72.5° | 124.9 | 127.8 | 124.9 | 124.9 | 122.0 | 123.4 | 117.7 | 114.8 | 111.8 | 106.1 | 97.3 |
| 75° | 90.0 | 82.8 | 85.6 | 87.2 | 82.8 | 85.6 | 79.9 | 74.0 | 74.0 | 69.8 | 65.4 |
| 77.5° | 58.0 | 56.7 | 58.0 | 59.5 | 58.0 | 56.7 | 53.8 | 50.8 | 50.8 | 49.4 | 45.0 |
| 80° | 42.2 | 40.6 | 40.6 | 40.6 | 39.3 | 40.6 | 37.8 | 37.8 | 34.9 | 33.4 | 30.5 |
| 82.5° | 27.6 | 27.6 | 26.1 | 27.6 | 26.1 | 27.6 | 23.3 | 23.3 | 23.3 | 21.7 | 18.9 |
| 85° | 18.9 | 16.0 | 16.0 | 17.4 | 14.5 | 17.4 | 16.0 | 14.5 | 13.0 | 13.0 | 11.6 |
| 87.5° | 8.8 | 10.1 | 8.8 | 10.1 | 8.8 | 8.8 | 10.1 | 8.8 | 8.8 | 5.9 | 5.9 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P248958

CATALOG NUMBER: LD8B80D010 ER8B80927 8LBSW0B

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2974.0 | 2974.0 | 2974.0 | 2974.0 | 2974.0 | 2974.0 | 2974.0 | 2974.0 | 2974.0 | 2974.0 | 2974.0 |
| 2.5° | 2959.5 | 2961.0 | 2961.0 | 2966.8 | 2969.7 | 2971.1 | 2971.1 | 2982.8 | 2978.4 | 2981.4 | 2984.2 |
| 5° | 2917.5 | 2926.1 | 2929.0 | 2929.0 | 2945.0 | 2950.8 | 2956.6 | 2969.7 | 2971.1 | 2979.9 | 2990.0 |
| 7.5° | 2876.7 | 2886.9 | 2892.7 | 2905.8 | 2916.0 | 2926.1 | 2943.6 | 2952.3 | 2961.0 | 2972.6 | 2985.6 |
| 10° | 2837.6 | 2849.2 | 2860.8 | 2871.0 | 2886.9 | 2900.0 | 2911.6 | 2931.9 | 2942.1 | 2958.1 | 2975.5 |
| 12.5° | 2799.8 | 2815.8 | 2825.9 | 2843.3 | 2860.8 | 2872.4 | 2889.8 | 2908.7 | 2924.7 | 2940.6 | 2961.0 |
| 15° | 2766.4 | 2785.3 | 2796.9 | 2815.8 | 2834.7 | 2850.6 | 2869.5 | 2892.7 | 2904.4 | 2923.2 | 2942.1 |
| 17.5° | 2730.0 | 2750.4 | 2765.0 | 2782.4 | 2805.6 | 2823.0 | 2839.0 | 2862.2 | 2876.7 | 2897.1 | 2918.9 |
| 20° | 2692.4 | 2712.7 | 2730.0 | 2747.5 | 2770.8 | 2788.2 | 2807.1 | 2830.3 | 2846.2 | 2866.6 | 2884.0 |
| 22.5° | 2647.4 | 2666.2 | 2685.0 | 2705.4 | 2728.6 | 2743.2 | 2765.0 | 2785.3 | 2802.7 | 2821.6 | 2839.0 |
| 25° | 2589.2 | 2612.5 | 2627.0 | 2645.9 | 2664.8 | 2680.6 | 2703.9 | 2724.3 | 2738.8 | 2756.2 | 2772.2 |
| 27.5° | 2521.0 | 2538.5 | 2550.0 | 2566.0 | 2584.9 | 2599.4 | 2616.8 | 2637.2 | 2651.7 | 2667.7 | 2679.3 |
| 30° | 2404.8 | 2420.8 | 2431.0 | 2442.6 | 2461.5 | 2474.5 | 2489.1 | 2507.8 | 2518.1 | 2529.7 | 2539.9 |
| 32.5° | 2252.2 | 2265.4 | 2271.2 | 2279.9 | 2293.0 | 2306.0 | 2317.7 | 2333.7 | 2338.0 | 2345.3 | 2345.3 |
| 35° | 2031.6 | 2034.4 | 2033.1 | 2036.0 | 2041.8 | 2049.0 | 2059.2 | 2069.3 | 2075.2 | 2075.2 | 2070.8 |
| 37.5° | 1773.1 | 1755.7 | 1736.8 | 1722.3 | 1717.9 | 1715.0 | 1720.9 | 1725.2 | 1731.0 | 1733.8 | 1726.6 |
| 40° | 1504.5 | 1465.3 | 1423.1 | 1385.3 | 1359.2 | 1347.6 | 1343.2 | 1346.2 | 1346.2 | 1356.3 | 1356.3 |
| 42.5° | 1273.6 | 1212.5 | 1150.2 | 1093.5 | 1055.7 | 1026.7 | 1013.6 | 1013.6 | 1015.1 | 1022.4 | 1026.7 |
| 45° | 1081.9 | 1004.8 | 932.3 | 869.8 | 817.5 | 779.8 | 762.4 | 758.0 | 756.6 | 759.5 | 769.6 |
| 47.5° | 935.2 | 855.3 | 779.8 | 702.9 | 647.7 | 610.0 | 594.0 | 588.2 | 582.3 | 588.2 | 589.6 |
| 50° | 820.5 | 737.7 | 657.9 | 580.8 | 522.8 | 489.4 | 469.0 | 460.4 | 458.9 | 458.9 | 461.8 |
| 52.5° | 715.9 | 639.0 | 559.1 | 480.7 | 419.6 | 387.8 | 368.9 | 364.5 | 358.7 | 364.5 | 364.5 |
| 55° | 617.2 | 540.2 | 461.8 | 387.8 | 336.8 | 303.5 | 286.1 | 280.2 | 277.3 | 281.7 | 281.7 |
| 57.5° | 509.7 | 444.4 | 371.8 | 305.0 | 254.1 | 230.8 | 217.8 | 210.6 | 209.1 | 212.1 | 209.1 |
| 60° | 418.3 | 363.0 | 300.6 | 239.6 | 200.4 | 175.7 | 165.6 | 162.7 | 159.8 | 162.7 | 162.7 |
| 62.5° | 331.1 | 284.6 | 233.8 | 187.3 | 153.9 | 136.6 | 124.9 | 124.9 | 123.4 | 123.4 | 124.9 |
| 65° | 245.5 | 209.1 | 172.8 | 133.5 | 107.4 | 94.4 | 85.6 | 85.6 | 84.3 | 85.6 | 84.3 |
| 67.5° | 178.6 | 153.9 | 124.9 | 97.3 | 77.0 | 69.8 | 63.9 | 59.5 | 62.4 | 59.5 | 58.0 |
| 70° | 130.7 | 110.4 | 90.0 | 74.0 | 59.5 | 52.3 | 47.9 | 46.5 | 43.5 | 43.5 | 43.5 |
| 72.5° | 87.2 | 74.0 | 61.0 | 47.9 | 39.3 | 32.0 | 30.5 | 27.6 | 24.6 | 26.1 | 29.0 |
| 75° | 58.0 | 49.4 | 43.5 | 34.9 | 26.1 | 26.1 | 17.4 | 17.4 | 14.5 | 17.4 | 13.0 |
| 77.5° | 40.6 | 33.4 | 26.1 | 21.7 | 17.4 | 16.0 | 11.6 | 11.6 | 10.1 | 10.1 | 10.1 |
| 80° | 29.0 | 24.6 | 18.9 | 16.0 | 11.6 | 11.6 | 10.1 | 8.8 | 7.2 | 7.2 | 8.8 |
| 82.5° | 17.4 | 13.0 | 13.0 | 11.6 | 7.2 | 5.9 | 4.4 | 5.9 | 2.9 | 2.9 | 2.9 |
| 85° | 10.1 | 8.8 | 7.2 | 4.4 | 2.9 | 2.9 | 1.5 | 0.0 | 1.5 | 1.5 | 0.0 |
| 87.5° | 5.9 | 2.9 | 2.9 | 1.5 | 0.0 | 1.5 | 1.5 | 0.0 | 0.0 | 0.0 | 2.9 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P248958

CATALOG NUMBER: LD8B80D010 ER8B80927 8LBSW0B

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2974.0 | 2974.0 | 2974.0 | 2974.0 | 2974.0 | 2974.0 | 2974.0 | 2974.0 | 2974.0 | 2974.0 | 2974.0 |
| 2.5° | 2991.5 | 2990.0 | 2993.0 | 2993.0 | 3001.7 | 3000.2 | 3004.5 | 3004.5 | 3001.7 | 3003.1 | 3008.9 |
| 5° | 3001.7 | 3006.0 | 3014.7 | 3022.0 | 3035.0 | 3040.9 | 3048.1 | 3055.4 | 3056.8 | 3061.2 | 3065.5 |
| 7.5° | 3001.7 | 3016.2 | 3026.4 | 3039.4 | 3056.8 | 3067.0 | 3083.0 | 3096.0 | 3101.8 | 3109.0 | 3117.8 |
| 10° | 2995.8 | 3010.4 | 3029.2 | 3043.8 | 3065.5 | 3081.5 | 3097.5 | 3117.8 | 3126.5 | 3138.2 | 3149.8 |
| 12.5° | 2984.2 | 3000.2 | 3020.5 | 3039.4 | 3064.0 | 3078.6 | 3098.9 | 3117.8 | 3130.9 | 3146.8 | 3159.9 |
| 15° | 2966.8 | 2985.6 | 3004.5 | 3023.4 | 3049.5 | 3067.0 | 3085.9 | 3107.7 | 3120.8 | 3138.2 | 3149.8 |
| 17.5° | 2939.2 | 2959.5 | 2977.0 | 2994.4 | 3019.0 | 3039.4 | 3056.8 | 3077.2 | 3090.3 | 3104.8 | 3120.8 |
| 20° | 2905.8 | 2924.7 | 2943.6 | 2958.1 | 2982.8 | 3000.2 | 3019.0 | 3038.0 | 3048.1 | 3051.0 | 3075.8 |
| 22.5° | 2863.7 | 2876.7 | 2891.2 | 2914.5 | 2929.0 | 2945.0 | 2962.5 | 2979.9 | 2990.0 | 3006.0 | 3014.7 |
| 25° | 2793.9 | 2807.1 | 2823.0 | 2833.2 | 2850.6 | 2863.7 | 2881.1 | 2900.0 | 2905.8 | 2917.5 | 2926.1 |
| 27.5° | 2696.7 | 2703.9 | 2711.2 | 2719.9 | 2730.0 | 2737.4 | 2747.5 | 2756.2 | 2762.0 | 2767.8 | 2773.7 |
| 30° | 2542.7 | 2542.7 | 2542.7 | 2537.0 | 2541.3 | 2545.6 | 2547.1 | 2545.6 | 2545.6 | 2544.2 | 2544.2 |
| 32.5° | 2339.4 | 2327.8 | 2314.8 | 2303.2 | 2298.8 | 2293.0 | 2290.0 | 2285.7 | 2278.5 | 2274.1 | 2275.5 |
| 35° | 2064.9 | 2038.8 | 2022.9 | 2008.4 | 1996.8 | 1988.0 | 1983.7 | 1979.3 | 1977.9 | 1972.1 | 1966.3 |
| 37.5° | 1722.3 | 1703.4 | 1691.8 | 1683.1 | 1672.9 | 1664.2 | 1665.7 | 1667.1 | 1671.4 | 1668.6 | 1670.0 |
| 40° | 1359.2 | 1354.8 | 1359.2 | 1349.1 | 1346.2 | 1349.1 | 1356.3 | 1366.5 | 1372.3 | 1378.1 | 1388.2 |
| 42.5° | 1034.0 | 1041.2 | 1051.4 | 1051.4 | 1055.7 | 1061.6 | 1070.2 | 1086.3 | 1095.0 | 1105.1 | 1116.8 |
| 45° | 778.4 | 787.1 | 800.2 | 804.5 | 807.4 | 814.6 | 824.8 | 837.9 | 843.6 | 852.4 | 862.5 |
| 47.5° | 599.7 | 605.6 | 612.8 | 620.1 | 627.3 | 630.2 | 640.4 | 640.4 | 647.7 | 653.5 | 656.3 |
| 50° | 467.6 | 473.4 | 479.2 | 483.5 | 486.4 | 490.8 | 493.8 | 498.0 | 499.5 | 502.4 | 503.9 |
| 52.5° | 366.0 | 373.3 | 373.3 | 376.1 | 380.5 | 384.9 | 383.4 | 384.9 | 386.2 | 386.2 | 390.6 |
| 55° | 286.1 | 286.1 | 290.5 | 290.5 | 293.4 | 291.8 | 293.4 | 293.4 | 293.4 | 293.4 | 294.8 |
| 57.5° | 213.4 | 215.0 | 219.3 | 216.3 | 215.0 | 217.8 | 215.0 | 217.8 | 216.3 | 219.3 | 215.0 |
| 60° | 164.0 | 164.0 | 165.6 | 165.6 | 167.0 | 167.0 | 167.0 | 165.6 | 165.6 | 164.0 | 164.0 |
| 62.5° | 123.4 | 124.9 | 126.3 | 124.9 | 124.9 | 124.9 | 123.4 | 123.4 | 122.0 | 120.5 | 120.5 |
| 65° | 82.8 | 81.3 | 84.3 | 81.3 | 82.8 | 82.8 | 81.3 | 82.8 | 78.4 | 79.9 | 78.4 |
| 67.5° | 59.5 | 58.0 | 56.7 | 58.0 | 56.7 | 55.1 | 55.1 | 56.7 | 58.0 | 53.8 | 53.8 |
| 70° | 39.3 | 40.6 | 39.3 | 40.6 | 42.2 | 42.2 | 40.6 | 39.3 | 40.6 | 37.8 | 39.3 |
| 72.5° | 24.6 | 24.6 | 24.6 | 24.6 | 24.6 | 26.1 | 26.1 | 26.1 | 23.3 | 23.3 | 21.7 |
| 75° | 11.6 | 16.0 | 13.0 | 11.6 | 16.0 | 16.0 | 14.5 | 14.5 | 13.0 | 13.0 | 13.0 |
| 77.5° | 11.6 | 8.8 | 8.8 | 8.8 | 8.8 | 8.8 | 8.8 | 8.8 | 7.2 | 8.8 | 7.2 |
| 80° | 5.9 | 5.9 | 5.9 | 4.4 | 5.9 | 5.9 | 7.2 | 5.9 | 5.9 | 4.4 | 7.2 |
| 82.5° | 2.9 | 2.9 | 2.9 | 0.0 | 1.5 | 2.9 | 2.9 | 1.5 | 2.9 | 2.9 | 1.5 |
| 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: P248958

CATALOG NUMBER: LD8B80D010 ER8B80927 8LBSW0B

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2974.0 | 2974.0 | 2974.0 | 2974.0 | 2974.0 | 2974.0 | 2974.0 | 2974.0 | 2974.0 | 2974.0 | 2974.0 |
| 2.5° | 3007.5 | 3006.0 | 3007.5 | 3008.9 | 3007.5 | 3006.0 | 3007.5 | 3008.9 | 3003.1 | 3001.7 | 3004.5 |
| 5° | 3071.4 | 3071.4 | 3074.3 | 3075.8 | 3074.3 | 3071.4 | 3071.4 | 3065.5 | 3061.2 | 3056.8 | 3055.4 |
| 7.5° | 3126.5 | 3129.4 | 3132.3 | 3133.8 | 3132.3 | 3129.4 | 3126.5 | 3117.8 | 3109.0 | 3101.8 | 3096.0 |
| 10° | 3159.9 | 3164.3 | 3170.1 | 3173.0 | 3170.1 | 3164.3 | 3159.9 | 3149.8 | 3138.2 | 3126.5 | 3117.8 |
| 12.5° | 3174.5 | 3178.8 | 3186.1 | 3184.6 | 3186.1 | 3178.8 | 3174.5 | 3159.9 | 3146.8 | 3130.9 | 3117.8 |
| 15° | 3164.3 | 3170.1 | 3177.3 | 3180.3 | 3177.3 | 3170.1 | 3164.3 | 3149.8 | 3138.2 | 3120.8 | 3107.7 |
| 17.5° | 3132.3 | 3141.1 | 3145.4 | 3149.8 | 3145.4 | 3141.1 | 3132.3 | 3120.8 | 3104.8 | 3090.3 | 3077.2 |
| 20° | 3088.8 | 3094.6 | 3100.4 | 3101.8 | 3100.4 | 3094.6 | 3088.8 | 3075.8 | 3051.0 | 3048.1 | 3038.0 |
| 22.5° | 3026.4 | 3030.8 | 3043.8 | 3039.4 | 3043.8 | 3030.8 | 3026.4 | 3014.7 | 3006.0 | 2990.0 | 2979.9 |
| 25° | 2936.2 | 2940.6 | 2942.1 | 2943.6 | 2942.1 | 2940.6 | 2936.2 | 2926.1 | 2917.5 | 2905.8 | 2900.0 |
| 27.5° | 2780.9 | 2780.9 | 2783.8 | 2785.3 | 2783.8 | 2780.9 | 2780.9 | 2773.7 | 2767.8 | 2762.0 | 2756.2 |
| 30° | 2545.6 | 2545.6 | 2545.6 | 2553.0 | 2545.6 | 2545.6 | 2545.6 | 2544.2 | 2544.2 | 2545.6 | 2545.6 |
| 32.5° | 2274.1 | 2271.2 | 2268.3 | 2271.2 | 2268.3 | 2271.2 | 2274.1 | 2275.5 | 2274.1 | 2278.5 | 2285.7 |
| 35° | 1966.3 | 1964.8 | 1969.2 | 1963.4 | 1969.2 | 1964.8 | 1966.3 | 1966.3 | 1972.1 | 1977.9 | 1979.3 |
| 37.5° | 1671.4 | 1668.6 | 1674.3 | 1668.6 | 1674.3 | 1668.6 | 1671.4 | 1670.0 | 1668.6 | 1671.4 | 1667.1 |
| 40° | 1391.2 | 1394.1 | 1394.1 | 1405.7 | 1394.1 | 1394.1 | 1391.2 | 1388.2 | 1378.1 | 1372.3 | 1366.5 |
| 42.5° | 1122.5 | 1131.3 | 1128.4 | 1137.0 | 1128.4 | 1131.3 | 1122.5 | 1116.8 | 1105.1 | 1095.0 | 1086.3 |
| 45° | 868.4 | 874.2 | 874.2 | 877.0 | 874.2 | 874.2 | 868.4 | 862.5 | 852.4 | 843.6 | 837.9 |
| 47.5° | 666.6 | 666.6 | 666.6 | 668.0 | 666.6 | 666.6 | 666.6 | 656.3 | 653.5 | 647.7 | 640.4 |
| 50° | 506.8 | 508.3 | 509.7 | 511.2 | 509.7 | 508.3 | 506.8 | 503.9 | 502.4 | 499.5 | 498.0 |
| 52.5° | 389.1 | 390.6 | 387.8 | 390.6 | 387.8 | 390.6 | 389.1 | 390.6 | 386.2 | 386.2 | 384.9 |
| 55° | 294.8 | 293.4 | 294.8 | 296.2 | 294.8 | 293.4 | 294.8 | 294.8 | 293.4 | 293.4 | 293.4 |
| 57.5° | 216.3 | 213.4 | 213.4 | 213.4 | 213.4 | 213.4 | 216.3 | 215.0 | 219.3 | 216.3 | 217.8 |
| 60° | 161.2 | 162.7 | 162.7 | 164.0 | 162.7 | 162.7 | 161.2 | 164.0 | 164.0 | 165.6 | 165.6 |
| 62.5° | 119.0 | 123.4 | 120.5 | 123.4 | 120.5 | 123.4 | 119.0 | 120.5 | 120.5 | 122.0 | 123.4 |
| 65° | 77.0 | 77.0 | 77.0 | 78.4 | 77.0 | 77.0 | 77.0 | 78.4 | 79.9 | 78.4 | 82.8 |
| 67.5° | 52.3 | 53.8 | 56.7 | 55.1 | 56.7 | 53.8 | 52.3 | 53.8 | 53.8 | 58.0 | 56.7 |
| 70° | 42.2 | 37.8 | 37.8 | 42.2 | 37.8 | 37.8 | 42.2 | 39.3 | 37.8 | 40.6 | 39.3 |
| 72.5° | 24.6 | 21.7 | 24.6 | 24.6 | 24.6 | 21.7 | 24.6 | 21.7 | 23.3 | 23.3 | 26.1 |
| 75° | 13.0 | 11.6 | 10.1 | 14.5 | 10.1 | 11.6 | 13.0 | 13.0 | 13.0 | 13.0 | 14.5 |
| 77.5° | 8.8 | 7.2 | 10.1 | 10.1 | 10.1 | 7.2 | 8.8 | 7.2 | 8.8 | 7.2 | 8.8 |
| 80° | 4.4 | 5.9 | 4.4 | 7.2 | 4.4 | 5.9 | 4.4 | 7.2 | 4.4 | 5.9 | 5.9 |
| 82.5° | 1.5 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 1.5 | 1.5 | 2.9 | 2.9 | 1.5 |
| 85° | 0.0 | 2.9 | 1.5 | 1.5 | 1.5 | 2.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 1.5 | 0.0 | 0.0 | 1.5 | 0.0 | 0.0 | 1.5 | 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: P248958

CATALOG NUMBER: LD8B80D010 ER8B80927 8LBSW0B

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2974.0 | 2974.0 | 2974.0 | 2974.0 | 2974.0 | 2974.0 | 2974.0 | 2974.0 | 2974.0 | 2974.0 | 2974.0 |
| 2.5° | 3004.5 | 3000.2 | 3001.7 | 2993.0 | 2993.0 | 2990.0 | 2991.5 | 2984.2 | 2981.4 | 2978.4 | 2982.8 |
| 5° | 3048.1 | 3040.9 | 3035.0 | 3022.0 | 3014.7 | 3006.0 | 3001.7 | 2990.0 | 2979.9 | 2971.1 | 2969.7 |
| 7.5° | 3083.0 | 3067.0 | 3056.8 | 3039.4 | 3026.4 | 3016.2 | 3001.7 | 2985.6 | 2972.6 | 2961.0 | 2952.3 |
| 10° | 3097.5 | 3081.5 | 3065.5 | 3043.8 | 3029.2 | 3010.4 | 2995.8 | 2975.5 | 2958.1 | 2942.1 | 2931.9 |
| 12.5° | 3098.9 | 3078.6 | 3064.0 | 3039.4 | 3020.5 | 3000.2 | 2984.2 | 2961.0 | 2940.6 | 2924.7 | 2908.7 |
| 15° | 3085.9 | 3067.0 | 3049.5 | 3023.4 | 3004.5 | 2985.6 | 2966.8 | 2942.1 | 2923.2 | 2904.4 | 2892.7 |
| 17.5° | 3056.8 | 3039.4 | 3019.0 | 2994.4 | 2977.0 | 2959.5 | 2939.2 | 2918.9 | 2897.1 | 2876.7 | 2862.2 |
| 20° | 3019.0 | 3000.2 | 2982.8 | 2958.1 | 2943.6 | 2924.7 | 2905.8 | 2884.0 | 2866.6 | 2846.2 | 2830.3 |
| 22.5° | 2962.5 | 2945.0 | 2929.0 | 2914.5 | 2891.2 | 2876.7 | 2863.7 | 2839.0 | 2821.6 | 2802.7 | 2785.3 |
| 25° | 2881.1 | 2863.7 | 2850.6 | 2833.2 | 2823.0 | 2807.1 | 2793.9 | 2772.2 | 2756.2 | 2738.8 | 2724.3 |
| 27.5° | 2747.5 | 2737.4 | 2730.0 | 2719.9 | 2711.2 | 2703.9 | 2696.7 | 2679.3 | 2667.7 | 2651.7 | 2637.2 |
| 30° | 2547.1 | 2545.6 | 2541.3 | 2537.0 | 2542.7 | 2542.7 | 2542.7 | 2539.9 | 2529.7 | 2518.1 | 2507.8 |
| 32.5° | 2290.0 | 2293.0 | 2298.8 | 2303.2 | 2314.8 | 2327.8 | 2339.4 | 2345.3 | 2345.3 | 2338.0 | 2333.7 |
| 35° | 1983.7 | 1988.0 | 1996.8 | 2008.4 | 2022.9 | 2038.8 | 2064.9 | 2070.8 | 2075.2 | 2075.2 | 2069.3 |
| 37.5° | 1665.7 | 1664.2 | 1672.9 | 1683.1 | 1691.8 | 1703.4 | 1722.3 | 1726.6 | 1733.8 | 1731.0 | 1725.2 |
| 40° | 1356.3 | 1349.1 | 1346.2 | 1349.1 | 1359.2 | 1354.8 | 1359.2 | 1356.3 | 1356.3 | 1346.2 | 1346.2 |
| 42.5° | 1070.2 | 1061.6 | 1055.7 | 1051.4 | 1051.4 | 1041.2 | 1034.0 | 1026.7 | 1022.4 | 1015.1 | 1013.6 |
| 45° | 824.8 | 814.6 | 807.4 | 804.5 | 800.2 | 787.1 | 778.4 | 769.6 | 759.5 | 756.6 | 758.0 |
| 47.5° | 640.4 | 630.2 | 627.3 | 620.1 | 612.8 | 605.6 | 599.7 | 589.6 | 588.2 | 582.3 | 588.2 |
| 50° | 493.8 | 490.8 | 486.4 | 483.5 | 479.2 | 473.4 | 467.6 | 461.8 | 458.9 | 458.9 | 460.4 |
| 52.5° | 383.4 | 384.9 | 380.5 | 376.1 | 373.3 | 373.3 | 366.0 | 364.5 | 364.5 | 358.7 | 364.5 |
| 55° | 293.4 | 291.8 | 293.4 | 290.5 | 290.5 | 286.1 | 286.1 | 281.7 | 281.7 | 277.3 | 280.2 |
| 57.5° | 215.0 | 217.8 | 215.0 | 216.3 | 219.3 | 215.0 | 213.4 | 209.1 | 212.1 | 209.1 | 210.6 |
| 60° | 167.0 | 167.0 | 167.0 | 165.6 | 165.6 | 164.0 | 164.0 | 162.7 | 162.7 | 159.8 | 162.7 |
| 62.5° | 123.4 | 124.9 | 124.9 | 124.9 | 126.3 | 124.9 | 123.4 | 124.9 | 123.4 | 123.4 | 124.9 |
| 65° | 81.3 | 82.8 | 82.8 | 81.3 | 84.3 | 81.3 | 82.8 | 84.3 | 85.6 | 84.3 | 85.6 |
| 67.5° | 55.1 | 55.1 | 56.7 | 58.0 | 56.7 | 58.0 | 59.5 | 58.0 | 59.5 | 62.4 | 59.5 |
| 70° | 40.6 | 42.2 | 42.2 | 40.6 | 39.3 | 40.6 | 39.3 | 43.5 | 43.5 | 43.5 | 46.5 |
| 72.5° | 26.1 | 26.1 | 24.6 | 24.6 | 24.6 | 24.6 | 24.6 | 29.0 | 26.1 | 24.6 | 27.6 |
| 75° | 14.5 | 16.0 | 16.0 | 11.6 | 13.0 | 16.0 | 11.6 | 13.0 | 17.4 | 14.5 | 17.4 |
| 77.5° | 8.8 | 8.8 | 8.8 | 8.8 | 8.8 | 8.8 | 11.6 | 10.1 | 10.1 | 10.1 | 11.6 |
| 80° | 7.2 | 5.9 | 5.9 | 4.4 | 5.9 | 5.9 | 5.9 | 8.8 | 7.2 | 7.2 | 8.8 |
| 82.5° | 2.9 | 2.9 | 1.5 | 0.0 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 5.9 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.5 | 1.5 | 0.0 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.9 | 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: P248958

CATALOG NUMBER: LD8B80D010 ER8B80927 8LBSW0B

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2974.0 | 2974.0 | 2974.0 | 2974.0 | 2974.0 | 2974.0 | 2974.0 | 2974.0 | 2974.0 | 2974.0 | 2974.0 |
| 2.5° | 2971.1 | 2971.1 | 2969.7 | 2966.8 | 2961.0 | 2961.0 | 2959.5 | 2955.2 | 2952.3 | 2950.8 | 2950.8 |
| 5° | 2956.6 | 2950.8 | 2945.0 | 2929.0 | 2929.0 | 2926.1 | 2917.5 | 2911.6 | 2908.7 | 2901.5 | 2898.6 |
| 7.5° | 2943.6 | 2926.1 | 2916.0 | 2905.8 | 2892.7 | 2886.9 | 2876.7 | 2872.4 | 2862.2 | 2855.0 | 2850.6 |
| 10° | 2911.6 | 2900.0 | 2886.9 | 2871.0 | 2860.8 | 2849.2 | 2837.6 | 2828.8 | 2815.8 | 2808.5 | 2802.7 |
| 12.5° | 2889.8 | 2872.4 | 2860.8 | 2843.3 | 2825.9 | 2815.8 | 2799.8 | 2789.7 | 2776.6 | 2762.0 | 2753.3 |
| 15° | 2869.5 | 2850.6 | 2834.7 | 2815.8 | 2796.9 | 2785.3 | 2766.4 | 2754.8 | 2735.9 | 2721.4 | 2711.2 |
| 17.5° | 2839.0 | 2823.0 | 2805.6 | 2782.4 | 2765.0 | 2750.4 | 2730.0 | 2715.6 | 2698.2 | 2679.3 | 2669.1 |
| 20° | 2807.1 | 2788.2 | 2770.8 | 2747.5 | 2730.0 | 2712.7 | 2692.4 | 2676.4 | 2656.0 | 2638.6 | 2627.0 |
| 22.5° | 2765.0 | 2743.2 | 2728.6 | 2705.4 | 2685.0 | 2666.2 | 2647.4 | 2628.5 | 2609.5 | 2595.0 | 2582.0 |
| 25° | 2703.9 | 2680.6 | 2664.8 | 2645.9 | 2627.0 | 2612.5 | 2589.2 | 2577.6 | 2558.7 | 2545.6 | 2532.6 |
| 27.5° | 2616.8 | 2599.4 | 2584.9 | 2566.0 | 2550.0 | 2538.5 | 2521.0 | 2509.4 | 2493.3 | 2481.8 | 2471.6 |
| 30° | 2489.1 | 2474.5 | 2461.5 | 2442.6 | 2431.0 | 2420.8 | 2404.8 | 2394.6 | 2383.0 | 2369.9 | 2367.1 |
| 32.5° | 2317.7 | 2306.0 | 2293.0 | 2279.9 | 2271.2 | 2265.4 | 2252.2 | 2246.5 | 2234.9 | 2227.6 | 2220.4 |
| 35° | 2059.2 | 2049.0 | 2041.8 | 2036.0 | 2033.1 | 2034.4 | 2031.6 | 2037.4 | 2040.3 | 2038.8 | 2040.3 |
| 37.5° | 1720.9 | 1715.0 | 1717.9 | 1722.3 | 1736.8 | 1755.7 | 1773.1 | 1799.2 | 1816.6 | 1834.1 | 1850.1 |
| 40° | 1343.2 | 1347.6 | 1359.2 | 1385.3 | 1423.1 | 1465.3 | 1504.5 | 1553.9 | 1603.2 | 1638.1 | 1670.0 |
| 42.5° | 1013.6 | 1026.7 | 1055.7 | 1093.5 | 1150.2 | 1212.5 | 1273.6 | 1346.2 | 1405.7 | 1463.7 | 1504.5 |
| 45° | 762.4 | 779.8 | 817.5 | 869.8 | 932.3 | 1004.8 | 1081.9 | 1163.1 | 1234.4 | 1293.9 | 1338.9 |
| 47.5° | 594.0 | 610.0 | 647.7 | 702.9 | 779.8 | 855.3 | 935.2 | 1019.5 | 1093.5 | 1151.6 | 1190.8 |
| 50° | 469.0 | 489.4 | 522.8 | 580.8 | 657.9 | 737.7 | 820.5 | 903.3 | 973.0 | 1022.4 | 1057.2 |
| 52.5° | 368.9 | 387.8 | 419.6 | 480.7 | 559.1 | 639.0 | 715.9 | 797.3 | 858.3 | 906.2 | 929.4 |
| 55° | 286.1 | 303.5 | 336.8 | 387.8 | 461.8 | 540.2 | 617.2 | 686.9 | 743.5 | 778.4 | 800.2 |
| 57.5° | 217.8 | 230.8 | 254.1 | 305.0 | 371.8 | 444.4 | 509.7 | 579.5 | 623.0 | 647.7 | 662.2 |
| 60° | 165.6 | 175.7 | 200.4 | 239.6 | 300.6 | 363.0 | 418.3 | 470.6 | 505.4 | 525.7 | 540.2 |
| 62.5° | 124.9 | 136.6 | 153.9 | 187.3 | 233.8 | 284.6 | 331.1 | 370.2 | 399.4 | 412.4 | 422.6 |
| 65° | 85.6 | 94.4 | 107.4 | 133.5 | 172.8 | 209.1 | 245.5 | 274.5 | 293.4 | 307.9 | 313.7 |
| 67.5° | 63.9 | 69.8 | 77.0 | 97.3 | 124.9 | 153.9 | 178.6 | 198.9 | 219.3 | 225.1 | 235.2 |
| 70° | 47.9 | 52.3 | 59.5 | 74.0 | 90.0 | 110.4 | 130.7 | 142.3 | 156.8 | 167.0 | 170.0 |
| 72.5° | 30.5 | 32.0 | 39.3 | 47.9 | 61.0 | 74.0 | 87.2 | 97.3 | 106.1 | 111.8 | 114.8 |
| 75° | 17.4 | 26.1 | 26.1 | 34.9 | 43.5 | 49.4 | 58.0 | 65.4 | 69.8 | 74.0 | 74.0 |
| 77.5° | 11.6 | 16.0 | 17.4 | 21.7 | 26.1 | 33.4 | 40.6 | 45.0 | 49.4 | 50.8 | 50.8 |
| 80° | 10.1 | 11.6 | 11.6 | 16.0 | 18.9 | 24.6 | 29.0 | 30.5 | 33.4 | 34.9 | 37.8 |
| 82.5° | 4.4 | 5.9 | 7.2 | 11.6 | 13.0 | 13.0 | 17.4 | 18.9 | 21.7 | 23.3 | 23.3 |
| 85° | 1.5 | 2.9 | 2.9 | 4.4 | 7.2 | 8.8 | 10.1 | 11.6 | 13.0 | 13.0 | 14.5 |
| 87.5° | 1.5 | 1.5 | 0.0 | 1.5 | 2.9 | 2.9 | 5.9 | 5.9 | 5.9 | 8.8 | 8.8 |
| 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: P248958

CATALOG NUMBER: LD8B80D010 ER8B80927 8LBSW0B

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|-------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2974.0 | 2974.0 | 2974.0 | 2974.0 | 2974.0 | 2974.0 | 2974.0 |
| 2.5° | 2948.0 | 2949.4 | 2943.6 | 2942.1 | 2939.2 | 2940.6 | 2943.6 |
| 5° | 2894.2 | 2895.6 | 2889.8 | 2884.0 | 2884.0 | 2882.6 | 2884.0 |
| 7.5° | 2843.3 | 2844.8 | 2836.1 | 2833.2 | 2827.4 | 2828.8 | 2828.8 |
| 10° | 2792.5 | 2792.5 | 2779.5 | 2778.0 | 2773.7 | 2772.2 | 2772.2 |
| 12.5° | 2743.2 | 2738.8 | 2728.6 | 2722.8 | 2725.8 | 2717.0 | 2717.0 |
| 15° | 2699.5 | 2692.4 | 2679.3 | 2674.9 | 2667.7 | 2664.8 | 2664.8 |
| 17.5° | 2654.5 | 2648.8 | 2637.2 | 2628.5 | 2619.7 | 2618.3 | 2619.7 |
| 20° | 2611.0 | 2605.2 | 2590.6 | 2584.9 | 2577.6 | 2577.6 | 2574.7 |
| 22.5° | 2567.5 | 2561.6 | 2548.6 | 2544.2 | 2534.1 | 2534.1 | 2535.5 |
| 25° | 2522.4 | 2518.1 | 2503.6 | 2500.6 | 2499.2 | 2493.3 | 2496.3 |
| 27.5° | 2461.5 | 2458.5 | 2446.9 | 2442.6 | 2436.8 | 2435.3 | 2438.2 |
| 30° | 2349.6 | 2345.3 | 2336.6 | 2332.2 | 2322.0 | 2323.5 | 2326.4 |
| 32.5° | 2210.2 | 2204.4 | 2192.7 | 2188.4 | 2179.7 | 2176.8 | 2178.2 |
| 35° | 2036.0 | 2031.6 | 2021.5 | 2021.5 | 2012.7 | 2009.8 | 2012.7 |
| 37.5° | 1858.8 | 1863.1 | 1858.8 | 1863.1 | 1858.8 | 1857.4 | 1858.8 |
| 40° | 1691.8 | 1707.8 | 1710.7 | 1726.6 | 1720.9 | 1729.6 | 1728.1 |
| 42.5° | 1532.0 | 1558.1 | 1568.4 | 1581.4 | 1578.5 | 1584.3 | 1588.7 |
| 45° | 1370.8 | 1392.6 | 1402.8 | 1411.5 | 1413.0 | 1415.9 | 1417.4 |
| 47.5° | 1218.4 | 1235.8 | 1237.3 | 1247.4 | 1245.9 | 1245.9 | 1250.3 |
| 50° | 1076.1 | 1087.6 | 1090.6 | 1097.9 | 1092.0 | 1089.1 | 1090.6 |
| 52.5° | 944.0 | 955.6 | 952.6 | 955.6 | 948.3 | 945.3 | 946.8 |
| 55° | 808.9 | 814.6 | 814.6 | 814.6 | 805.9 | 805.9 | 805.9 |
| 57.5° | 670.8 | 672.4 | 669.5 | 670.8 | 669.5 | 660.7 | 659.2 |
| 60° | 544.6 | 544.6 | 543.2 | 544.6 | 540.2 | 535.8 | 535.8 |
| 62.5° | 425.5 | 428.4 | 434.1 | 428.4 | 425.5 | 428.4 | 424.0 |
| 65° | 318.0 | 323.9 | 322.3 | 325.2 | 323.9 | 323.9 | 321.0 |
| 67.5° | 239.6 | 241.1 | 242.6 | 244.0 | 244.0 | 244.0 | 244.0 |
| 70° | 175.7 | 180.1 | 178.6 | 178.6 | 178.6 | 178.6 | 187.3 |
| 72.5° | 117.7 | 123.4 | 122.0 | 124.9 | 124.9 | 127.8 | 124.9 |
| 75° | 79.9 | 85.6 | 82.8 | 87.2 | 85.6 | 82.8 | 90.0 |
| 77.5° | 53.8 | 56.7 | 58.0 | 59.5 | 58.0 | 56.7 | 58.0 |
| 80° | 37.8 | 40.6 | 39.3 | 40.6 | 40.6 | 40.6 | 42.2 |
| 82.5° | 23.3 | 27.6 | 26.1 | 27.6 | 26.1 | 27.6 | 27.6 |
| 85° | 16.0 | 17.4 | 14.5 | 17.4 | 16.0 | 16.0 | 18.9 |
| 87.5° | 10.1 | 8.8 | 8.8 | 10.1 | 8.8 | 10.1 | 8.8 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)