

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: P248741

Luminaire Tested: **LD8B70D010 ER8B70927 8LBSW0WMH**

Issue Date: 03/03/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P248741  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P13958)  
Test Lab: INNOVATION CENTER-P1  
Issue Date: 03/03/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: PORTFOLIO  
Catalog Number: LD8B70D010 ER8B70927 8LBSW0WMH  
Description: PORTFOLIO 8 INCH SINGLE WALL WASH DISTRIBUTION 60 DEGREE CUTOFF  
RECESSED DOWNLIGHT  
97 CRI 2700 CCT WITH WARM HAZE TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 5846.6 lumens  
Efficiency: N/A  
Efficacy: 77.0 lumens/watt  
Spacing Criteria (0/90/45): 1.2 / 1.23 / 1.15  
Luminous Opening: Point Source (0' x 0' x 0')  
CIE Type: Direct

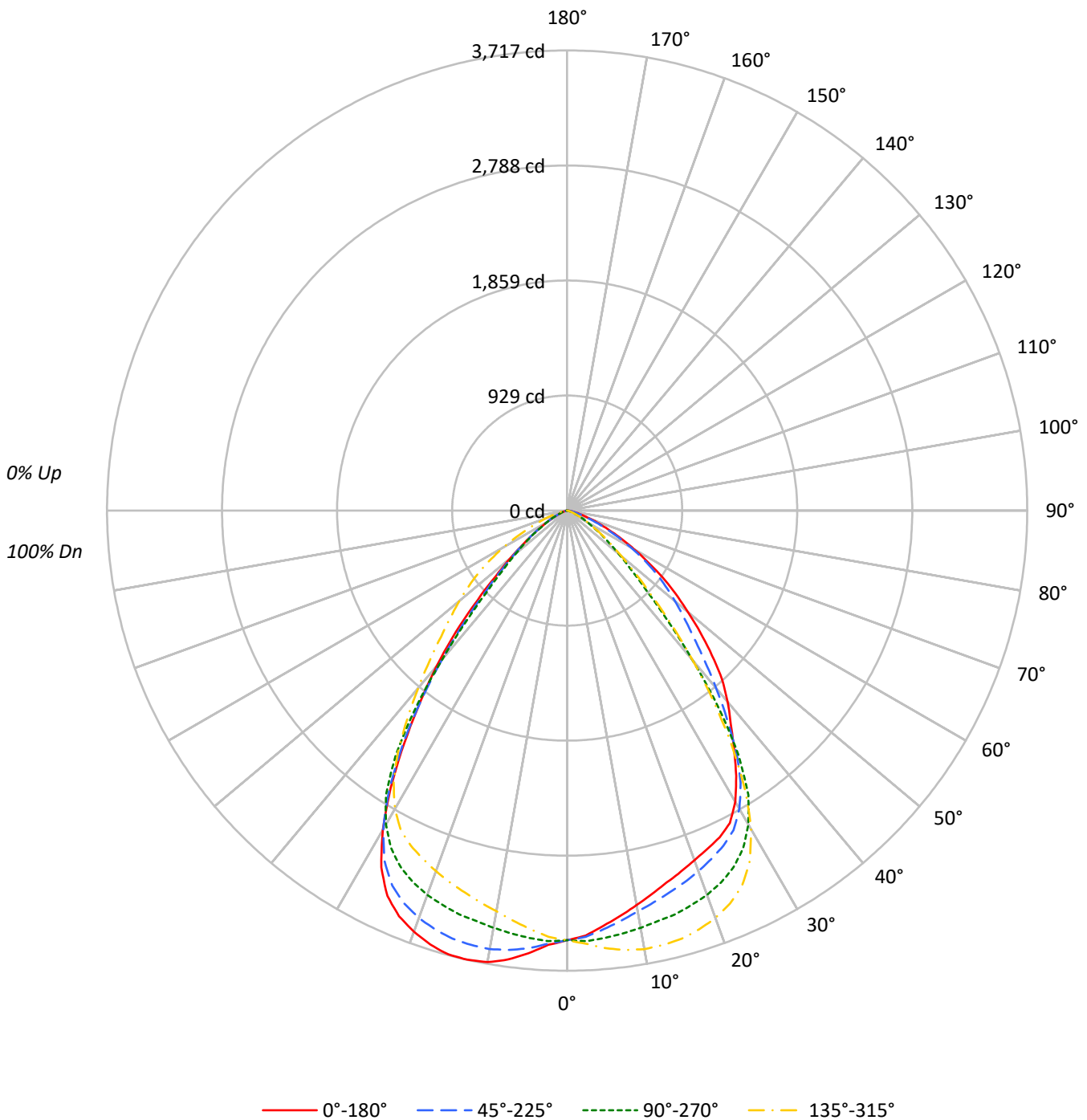
Input Watts (W): 75.9  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Luminous Intensity Polar Plot





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

|     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| RF  | 20  |     |     |     | 20  |     |     |     | 20  |     |     |     | 20  |     |     |     | 20  |     |
| RC  | 80  |     |     |     | 70  |     |     |     | 50  |     |     |     | 30  |     |     |     | 10  | 0   |
| RW  | 70  | 50  | 30  | 10  | 70  | 50  | 30  | 10  | 50  | 30  | 10  | 50  | 30  | 10  | 50  | 30  | 10  | 0   |
| RCR |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 0   | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 |
| 1   | 112 | 109 | 106 | 103 | 109 | 106 | 104 | 101 | 102 | 100 | 98  | 99  | 97  | 95  | 95  | 94  | 92  | 90  |
| 2   | 105 | 99  | 94  | 89  | 102 | 97  | 92  | 88  | 93  | 90  | 86  | 90  | 87  | 84  | 87  | 85  | 83  | 81  |
| 3   | 98  | 90  | 83  | 78  | 95  | 88  | 82  | 78  | 85  | 80  | 76  | 83  | 79  | 75  | 80  | 77  | 74  | 72  |
| 4   | 91  | 82  | 75  | 70  | 89  | 80  | 74  | 69  | 78  | 73  | 68  | 76  | 71  | 67  | 74  | 70  | 67  | 65  |
| 5   | 85  | 75  | 68  | 62  | 83  | 74  | 67  | 62  | 72  | 66  | 61  | 70  | 65  | 61  | 68  | 64  | 60  | 58  |
| 6   | 80  | 69  | 61  | 56  | 78  | 68  | 61  | 56  | 66  | 60  | 55  | 65  | 59  | 55  | 63  | 58  | 55  | 53  |
| 7   | 75  | 63  | 56  | 51  | 73  | 63  | 56  | 51  | 61  | 55  | 50  | 60  | 54  | 50  | 59  | 54  | 50  | 48  |
| 8   | 70  | 59  | 51  | 46  | 69  | 58  | 51  | 46  | 57  | 50  | 46  | 56  | 50  | 46  | 55  | 49  | 46  | 44  |
| 9   | 66  | 54  | 47  | 42  | 65  | 54  | 47  | 42  | 53  | 47  | 42  | 52  | 46  | 42  | 51  | 46  | 42  | 40  |
| 10  | 62  | 51  | 44  | 39  | 61  | 50  | 44  | 39  | 49  | 43  | 39  | 48  | 43  | 39  | 48  | 42  | 39  | 37  |

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

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



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 330.4  | 5.7       |
| 10°-20°   | 956.7  | 16.4      |
| 20°-30°   | 1448.6 | 24.8      |
| 30°-40°   | 1451.9 | 24.8      |
| 40°-50°   | 911.7  | 15.6      |
| 50°-60°   | 485.8  | 8.3       |
| 60°-70°   | 199.8  | 3.4       |
| 70°-80°   | 52.8   | 0.9       |
| 80°-90°   | 8.9    | 0.2       |
| 90°-100°  | 0.0    | 0.0       |
| 100°-110° | 0.0    | 0.0       |
| 110°-120° | 0.0    | 0.0       |
| 120°-130° | 0.0    | 0.0       |
| 130°-140° | 0.0    | 0.0       |
| 140°-150° | 0.0    | 0.0       |
| 150°-160° | 0.0    | 0.0       |
| 160°-170° | 0.0    | 0.0       |
| 170°-180° | 0.0    | 0.0       |
| 0°-30°    | 2735.7 | 46.8      |
| 0°-40°    | 4187.6 | 71.6      |
| 0°-60°    | 5585.1 | 95.5      |
| 0°-90°    | 5846.6 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 5846.6 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 90°  | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0°  | 3471 | 3471 | 3471 | 3471 | 3471 |      |
| 5°  | 3366 | 3466 | 3590 | 3466 | 3366 | 317  |
| 15° | 3110 | 3376 | 3712 | 3376 | 3110 | 880  |
| 25° | 2913 | 3180 | 3435 | 3180 | 2913 | 1336 |
| 35° | 2349 | 2415 | 2291 | 2415 | 2349 | 1472 |
| 45° | 1654 | 885  | 1024 | 885  | 1654 | 1272 |
| 55° | 941  | 327  | 346  | 327  | 941  | 839  |
| 65° | 374  | 100  | 92   | 100  | 374  | 389  |
| 75° | 105  | 20   | 17   | 20   | 105  | 119  |
| 85° | 22   | 0    | 2    | 0    | 22   | 24   |
| 90° | 0    | 0    | 0    | 0    | 0    |      |



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**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 3471.0 | 3471.0 | 3471.0 | 3471.0 | 3471.0 | 3471.0 | 3471.0 | 3471.0 | 3471.0 | 3471.0 | 3471.0 |
| 2.5°  | 3435.4 | 3431.9 | 3430.2 | 3433.7 | 3435.4 | 3442.2 | 3440.5 | 3443.8 | 3443.8 | 3445.5 | 3448.9 |
| 5°    | 3365.9 | 3364.2 | 3365.9 | 3365.9 | 3372.6 | 3379.4 | 3377.8 | 3382.9 | 3386.2 | 3394.7 | 3398.1 |
| 7.5°  | 3301.5 | 3301.5 | 3299.7 | 3306.5 | 3310.0 | 3320.1 | 3318.4 | 3326.8 | 3332.0 | 3340.5 | 3352.3 |
| 10°   | 3235.4 | 3235.4 | 3237.1 | 3242.1 | 3243.9 | 3259.1 | 3259.1 | 3270.9 | 3277.7 | 3286.2 | 3301.5 |
| 12.5° | 3171.0 | 3171.0 | 3181.2 | 3177.8 | 3184.5 | 3196.4 | 3201.5 | 3213.3 | 3223.6 | 3240.5 | 3255.8 |
| 15°   | 3110.0 | 3110.0 | 3113.3 | 3121.8 | 3126.9 | 3142.1 | 3150.7 | 3164.2 | 3176.1 | 3193.1 | 3215.0 |
| 17.5° | 3057.4 | 3055.7 | 3057.4 | 3067.6 | 3077.8 | 3091.3 | 3098.1 | 3115.0 | 3126.9 | 3149.0 | 3169.4 |
| 20°   | 3004.9 | 3008.4 | 3008.4 | 3016.8 | 3023.5 | 3040.4 | 3047.3 | 3066.0 | 3079.5 | 3099.7 | 3123.6 |
| 22.5° | 2959.1 | 2957.4 | 2957.4 | 2969.3 | 2974.4 | 2989.6 | 2996.4 | 3013.3 | 3028.6 | 3045.6 | 3067.6 |
| 25°   | 2913.4 | 2909.9 | 2916.8 | 2918.5 | 2921.8 | 2938.7 | 2943.9 | 2955.7 | 2971.0 | 2986.3 | 3008.4 |
| 27.5° | 2845.6 | 2842.2 | 2843.9 | 2850.6 | 2855.7 | 2869.3 | 2872.7 | 2884.6 | 2896.4 | 2909.9 | 2928.6 |
| 30°   | 2715.1 | 2711.7 | 2710.0 | 2721.8 | 2727.0 | 2737.1 | 2742.2 | 2762.5 | 2765.9 | 2781.2 | 2794.7 |
| 32.5° | 2542.2 | 2540.5 | 2544.0 | 2554.1 | 2559.2 | 2572.8 | 2579.5 | 2591.3 | 2599.8 | 2608.3 | 2621.8 |
| 35°   | 2349.0 | 2345.6 | 2349.0 | 2359.2 | 2359.2 | 2371.0 | 2376.1 | 2381.2 | 2379.5 | 2381.2 | 2377.8 |
| 37.5° | 2169.3 | 2167.6 | 2169.3 | 2174.4 | 2169.3 | 2174.4 | 2169.3 | 2159.2 | 2140.5 | 2120.2 | 2099.8 |
| 40°   | 2016.8 | 2018.5 | 2008.4 | 2015.1 | 1996.4 | 1993.0 | 1974.5 | 1949.1 | 1911.7 | 1871.1 | 1813.5 |
| 42.5° | 1854.1 | 1849.0 | 1842.3 | 1845.7 | 1830.4 | 1818.4 | 1788.0 | 1755.9 | 1708.3 | 1640.6 | 1571.1 |
| 45°   | 1654.1 | 1652.5 | 1649.0 | 1647.3 | 1637.2 | 1625.3 | 1599.9 | 1562.6 | 1510.1 | 1440.6 | 1357.5 |
| 47.5° | 1459.2 | 1454.2 | 1454.2 | 1455.9 | 1443.9 | 1442.2 | 1421.9 | 1389.7 | 1344.0 | 1276.2 | 1189.8 |
| 50°   | 1272.7 | 1271.1 | 1274.5 | 1281.3 | 1272.7 | 1269.4 | 1255.8 | 1233.8 | 1193.2 | 1135.6 | 1054.1 |
| 52.5° | 1105.0 | 1103.3 | 1106.8 | 1115.2 | 1111.7 | 1115.2 | 1101.6 | 1084.7 | 1057.5 | 1001.6 | 930.5  |
| 55°   | 940.6  | 940.6  | 940.6  | 950.7  | 950.7  | 950.7  | 944.0  | 933.9  | 908.4  | 867.7  | 801.7  |
| 57.5° | 769.5  | 771.1  | 781.3  | 783.0  | 781.3  | 784.7  | 783.0  | 772.8  | 755.9  | 727.1  | 676.2  |
| 60°   | 625.4  | 625.4  | 630.4  | 635.6  | 633.8  | 635.6  | 635.6  | 630.4  | 613.6  | 589.8  | 549.1  |
| 62.5° | 494.9  | 500.0  | 496.6  | 500.0  | 506.7  | 500.0  | 496.6  | 493.2  | 481.4  | 466.1  | 432.1  |
| 65°   | 374.5  | 378.0  | 378.0  | 379.7  | 376.2  | 378.0  | 371.1  | 366.1  | 359.3  | 342.3  | 320.3  |
| 67.5° | 284.7  | 284.7  | 284.7  | 284.7  | 283.0  | 281.4  | 279.7  | 274.6  | 262.7  | 255.9  | 232.2  |
| 70°   | 218.6  | 208.5  | 208.5  | 208.5  | 208.5  | 210.2  | 205.1  | 198.3  | 195.0  | 183.0  | 166.0  |
| 72.5° | 145.7  | 149.2  | 145.7  | 145.7  | 142.4  | 144.0  | 137.2  | 133.9  | 130.5  | 123.8  | 113.5  |
| 75°   | 105.1  | 96.6   | 100.0  | 101.7  | 96.6   | 100.0  | 93.1   | 86.4   | 86.4   | 81.3   | 76.3   |
| 77.5° | 67.8   | 66.1   | 67.8   | 69.5   | 67.8   | 66.1   | 62.7   | 59.3   | 59.3   | 57.6   | 52.5   |
| 80°   | 49.2   | 47.5   | 47.5   | 47.5   | 45.8   | 47.5   | 44.1   | 44.1   | 40.7   | 39.0   | 35.6   |
| 82.5° | 32.2   | 32.2   | 30.5   | 32.2   | 30.5   | 32.2   | 27.1   | 27.1   | 27.1   | 25.4   | 22.0   |
| 85°   | 22.0   | 18.7   | 18.7   | 20.4   | 17.0   | 20.4   | 18.7   | 17.0   | 15.3   | 15.3   | 13.5   |
| 87.5° | 10.2   | 11.8   | 10.2   | 11.8   | 10.2   | 10.2   | 11.8   | 10.2   | 10.2   | 6.8    | 6.8    |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



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**CANDELA DISTRIBUTION (continued):**

|       | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°   | 105°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 3471.0 | 3471.0 | 3471.0 | 3471.0 | 3471.0 | 3471.0 | 3471.0 | 3471.0 | 3471.0 | 3471.0 | 3471.0 |
| 2.5°  | 3454.0 | 3455.7 | 3455.7 | 3462.5 | 3465.9 | 3467.6 | 3467.6 | 3481.1 | 3476.0 | 3479.5 | 3482.8 |
| 5°    | 3404.9 | 3415.0 | 3418.4 | 3418.4 | 3437.1 | 3443.8 | 3450.6 | 3465.9 | 3467.6 | 3477.7 | 3489.6 |
| 7.5°  | 3357.3 | 3369.3 | 3376.1 | 3391.3 | 3403.1 | 3415.0 | 3435.4 | 3445.5 | 3455.7 | 3469.3 | 3484.5 |
| 10°   | 3311.7 | 3325.3 | 3338.8 | 3350.6 | 3369.3 | 3384.6 | 3398.1 | 3421.8 | 3433.7 | 3452.3 | 3472.6 |
| 12.5° | 3267.6 | 3286.2 | 3298.0 | 3318.4 | 3338.8 | 3352.3 | 3372.6 | 3394.7 | 3413.4 | 3431.9 | 3455.7 |
| 15°   | 3228.6 | 3250.7 | 3264.2 | 3286.2 | 3308.3 | 3326.8 | 3348.9 | 3376.1 | 3389.6 | 3411.7 | 3433.7 |
| 17.5° | 3186.2 | 3210.0 | 3227.0 | 3247.2 | 3274.4 | 3294.7 | 3313.4 | 3340.5 | 3357.3 | 3381.1 | 3406.6 |
| 20°   | 3142.1 | 3165.9 | 3186.2 | 3206.6 | 3233.7 | 3254.0 | 3276.0 | 3303.2 | 3321.8 | 3345.5 | 3365.9 |
| 22.5° | 3089.7 | 3111.8 | 3133.7 | 3157.4 | 3184.5 | 3201.5 | 3227.0 | 3250.7 | 3270.9 | 3293.0 | 3313.4 |
| 25°   | 3021.9 | 3049.0 | 3066.0 | 3087.9 | 3110.0 | 3128.6 | 3155.7 | 3179.5 | 3196.4 | 3216.7 | 3235.4 |
| 27.5° | 2942.2 | 2962.6 | 2976.1 | 2994.8 | 3016.8 | 3033.7 | 3054.0 | 3077.8 | 3094.8 | 3113.3 | 3126.9 |
| 30°   | 2806.5 | 2825.2 | 2837.1 | 2850.6 | 2872.7 | 2888.0 | 2905.0 | 2926.9 | 2938.7 | 2952.3 | 2964.3 |
| 32.5° | 2628.6 | 2643.9 | 2650.6 | 2660.8 | 2676.2 | 2691.3 | 2705.0 | 2723.5 | 2728.7 | 2737.1 | 2737.1 |
| 35°   | 2371.0 | 2374.4 | 2372.7 | 2376.1 | 2382.9 | 2391.4 | 2403.2 | 2415.0 | 2421.8 | 2421.8 | 2416.8 |
| 37.5° | 2069.3 | 2049.1 | 2027.0 | 2010.0 | 2005.0 | 2001.5 | 2008.4 | 2013.4 | 2020.3 | 2023.5 | 2015.1 |
| 40°   | 1755.9 | 1710.1 | 1661.0 | 1616.9 | 1586.4 | 1572.8 | 1567.7 | 1571.1 | 1571.1 | 1582.9 | 1582.9 |
| 42.5° | 1486.4 | 1415.1 | 1342.4 | 1276.2 | 1232.1 | 1198.2 | 1182.9 | 1182.9 | 1184.6 | 1193.2 | 1198.2 |
| 45°   | 1262.7 | 1172.8 | 1088.0 | 1015.2 | 954.2  | 910.1  | 889.8  | 884.7  | 883.0  | 886.4  | 898.2  |
| 47.5° | 1091.5 | 998.2  | 910.1  | 820.4  | 755.9  | 711.8  | 693.2  | 686.4  | 679.6  | 686.4  | 688.2  |
| 50°   | 957.6  | 861.0  | 767.8  | 677.9  | 610.1  | 571.2  | 547.4  | 537.2  | 535.5  | 535.5  | 539.0  |
| 52.5° | 835.5  | 745.8  | 652.5  | 561.0  | 489.8  | 452.5  | 430.5  | 425.4  | 418.6  | 425.4  | 425.4  |
| 55°   | 720.2  | 630.4  | 539.0  | 452.5  | 393.2  | 354.3  | 333.9  | 327.2  | 323.7  | 328.7  | 328.7  |
| 57.5° | 594.9  | 518.6  | 433.9  | 356.0  | 296.7  | 269.4  | 254.2  | 245.8  | 244.0  | 247.4  | 244.0  |
| 60°   | 488.1  | 423.7  | 350.8  | 279.7  | 233.9  | 205.1  | 193.3  | 189.8  | 186.4  | 189.8  | 189.8  |
| 62.5° | 386.4  | 332.2  | 272.8  | 218.6  | 179.7  | 159.3  | 145.7  | 145.7  | 144.0  | 144.0  | 145.7  |
| 65°   | 286.4  | 244.0  | 201.7  | 155.9  | 125.4  | 110.1  | 100.0  | 100.0  | 98.3   | 100.0  | 98.3   |
| 67.5° | 208.5  | 179.7  | 145.7  | 113.5  | 89.9   | 81.3   | 74.6   | 69.5   | 72.9   | 69.5   | 67.8   |
| 70°   | 152.5  | 128.8  | 105.1  | 86.4   | 69.5   | 61.1   | 55.9   | 54.2   | 50.8   | 50.8   | 50.8   |
| 72.5° | 101.7  | 86.4   | 71.1   | 55.9   | 45.8   | 37.2   | 35.6   | 32.2   | 28.8   | 30.5   | 33.9   |
| 75°   | 67.8   | 57.6   | 50.8   | 40.7   | 30.5   | 30.5   | 20.4   | 20.4   | 17.0   | 20.4   | 15.3   |
| 77.5° | 47.5   | 39.0   | 30.5   | 25.4   | 20.4   | 18.7   | 13.5   | 13.5   | 11.8   | 11.8   | 11.8   |
| 80°   | 33.9   | 28.8   | 22.0   | 18.7   | 13.5   | 13.5   | 11.8   | 10.2   | 8.4    | 8.4    | 10.2   |
| 82.5° | 20.4   | 15.3   | 15.3   | 13.5   | 8.4    | 6.8    | 5.1    | 6.8    | 3.4    | 3.4    | 3.4    |
| 85°   | 11.8   | 10.2   | 8.4    | 5.1    | 3.4    | 3.4    | 1.7    | 0.0    | 1.7    | 1.7    | 0.0    |
| 87.5° | 6.8    | 3.4    | 3.4    | 1.7    | 0.0    | 1.7    | 1.7    | 0.0    | 0.0    | 0.0    | 3.4    |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



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**CANDELA DISTRIBUTION (continued):**

|       | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   | 160°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 3471.0 | 3471.0 | 3471.0 | 3471.0 | 3471.0 | 3471.0 | 3471.0 | 3471.0 | 3471.0 | 3471.0 | 3471.0 |
| 2.5°  | 3491.3 | 3489.6 | 3493.0 | 3493.0 | 3503.1 | 3501.4 | 3506.5 | 3506.5 | 3503.1 | 3504.8 | 3511.6 |
| 5°    | 3503.1 | 3508.3 | 3518.4 | 3526.9 | 3542.1 | 3548.9 | 3557.4 | 3565.9 | 3567.6 | 3572.7 | 3577.7 |
| 7.5°  | 3503.1 | 3520.1 | 3532.0 | 3547.2 | 3567.6 | 3579.4 | 3598.1 | 3613.4 | 3620.1 | 3628.6 | 3638.7 |
| 10°   | 3496.4 | 3513.3 | 3535.3 | 3552.3 | 3577.7 | 3596.4 | 3615.0 | 3638.7 | 3648.9 | 3662.4 | 3676.0 |
| 12.5° | 3482.8 | 3501.4 | 3525.2 | 3547.2 | 3576.0 | 3592.9 | 3616.6 | 3638.7 | 3654.0 | 3672.7 | 3687.9 |
| 15°   | 3462.5 | 3484.5 | 3506.5 | 3528.6 | 3559.0 | 3579.4 | 3601.5 | 3626.9 | 3642.2 | 3662.4 | 3676.0 |
| 17.5° | 3430.2 | 3454.0 | 3474.3 | 3494.7 | 3523.5 | 3547.2 | 3567.6 | 3591.3 | 3606.5 | 3623.5 | 3642.2 |
| 20°   | 3391.3 | 3413.4 | 3435.4 | 3452.3 | 3481.1 | 3501.4 | 3523.5 | 3545.6 | 3557.4 | 3560.8 | 3589.6 |
| 22.5° | 3342.2 | 3357.3 | 3374.3 | 3401.4 | 3418.4 | 3437.1 | 3457.5 | 3477.7 | 3489.6 | 3508.3 | 3518.4 |
| 25°   | 3260.8 | 3276.0 | 3294.7 | 3306.5 | 3326.8 | 3342.2 | 3362.5 | 3384.6 | 3391.3 | 3404.9 | 3415.0 |
| 27.5° | 3147.3 | 3155.7 | 3164.2 | 3174.3 | 3186.2 | 3194.7 | 3206.6 | 3216.7 | 3223.6 | 3230.3 | 3237.1 |
| 30°   | 2967.5 | 2967.5 | 2967.5 | 2960.8 | 2966.0 | 2971.0 | 2972.7 | 2971.0 | 2971.0 | 2969.3 | 2969.3 |
| 32.5° | 2730.4 | 2716.8 | 2701.5 | 2688.0 | 2682.9 | 2676.2 | 2672.7 | 2667.6 | 2659.2 | 2654.1 | 2655.8 |
| 35°   | 2410.0 | 2379.5 | 2360.9 | 2343.9 | 2330.4 | 2320.2 | 2315.1 | 2310.0 | 2308.4 | 2301.5 | 2294.8 |
| 37.5° | 2010.0 | 1988.0 | 1974.5 | 1964.2 | 1952.4 | 1942.2 | 1943.9 | 1945.7 | 1950.6 | 1947.4 | 1949.1 |
| 40°   | 1586.4 | 1581.2 | 1586.4 | 1574.4 | 1571.1 | 1574.4 | 1582.9 | 1594.8 | 1601.7 | 1608.4 | 1620.2 |
| 42.5° | 1206.7 | 1215.1 | 1227.0 | 1227.0 | 1232.1 | 1239.0 | 1249.1 | 1267.8 | 1277.9 | 1289.7 | 1303.3 |
| 45°   | 908.4  | 918.6  | 933.9  | 938.9  | 942.3  | 950.7  | 962.7  | 977.8  | 984.6  | 994.8  | 1006.6 |
| 47.5° | 700.0  | 706.7  | 715.2  | 723.7  | 732.2  | 735.5  | 747.4  | 747.4  | 755.9  | 762.6  | 766.0  |
| 50°   | 545.7  | 552.5  | 559.2  | 564.3  | 567.8  | 572.8  | 576.2  | 581.3  | 583.0  | 586.4  | 588.0  |
| 52.5° | 427.0  | 435.6  | 435.6  | 439.0  | 444.0  | 449.1  | 447.4  | 449.1  | 450.8  | 450.8  | 455.8  |
| 55°   | 333.9  | 333.9  | 339.0  | 339.0  | 342.3  | 340.7  | 342.3  | 342.3  | 342.3  | 342.3  | 344.0  |
| 57.5° | 249.1  | 250.9  | 255.9  | 252.6  | 250.9  | 254.2  | 250.9  | 254.2  | 252.6  | 255.9  | 250.9  |
| 60°   | 191.5  | 191.5  | 193.3  | 193.3  | 195.0  | 195.0  | 195.0  | 193.3  | 193.3  | 191.5  | 191.5  |
| 62.5° | 144.0  | 145.7  | 147.5  | 145.7  | 145.7  | 145.7  | 144.0  | 144.0  | 142.4  | 140.6  | 140.6  |
| 65°   | 96.6   | 95.0   | 98.3   | 95.0   | 96.6   | 96.6   | 95.0   | 96.6   | 91.6   | 93.1   | 91.6   |
| 67.5° | 69.5   | 67.8   | 66.1   | 67.8   | 66.1   | 64.4   | 64.4   | 66.1   | 67.8   | 62.7   | 62.7   |
| 70°   | 45.8   | 47.5   | 45.8   | 47.5   | 49.2   | 49.2   | 47.5   | 45.8   | 47.5   | 44.1   | 45.8   |
| 72.5° | 28.8   | 28.8   | 28.8   | 28.8   | 28.8   | 30.5   | 30.5   | 30.5   | 27.1   | 27.1   | 25.4   |
| 75°   | 13.5   | 18.7   | 15.3   | 13.5   | 18.7   | 18.7   | 17.0   | 17.0   | 15.3   | 15.3   | 15.3   |
| 77.5° | 13.5   | 10.2   | 10.2   | 10.2   | 10.2   | 10.2   | 10.2   | 10.2   | 8.4    | 10.2   | 8.4    |
| 80°   | 6.8    | 6.8    | 6.8    | 5.1    | 6.8    | 6.8    | 8.4    | 6.8    | 6.8    | 5.1    | 8.4    |
| 82.5° | 3.4    | 3.4    | 3.4    | 0.0    | 1.7    | 3.4    | 3.4    | 1.7    | 3.4    | 3.4    | 1.7    |
| 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: P248741

CATALOG NUMBER: LD8B70D010 ER8B70927 8LBSW0WMH

**CANDELA DISTRIBUTION (continued):**

|       | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 3471.0 | 3471.0 | 3471.0 | 3471.0 | 3471.0 | 3471.0 | 3471.0 | 3471.0 | 3471.0 | 3471.0 | 3471.0 |
| 2.5°  | 3510.0 | 3508.3 | 3510.0 | 3511.6 | 3510.0 | 3508.3 | 3510.0 | 3511.6 | 3504.8 | 3503.1 | 3506.5 |
| 5°    | 3584.5 | 3584.5 | 3587.8 | 3589.6 | 3587.8 | 3584.5 | 3584.5 | 3577.7 | 3572.7 | 3567.6 | 3565.9 |
| 7.5°  | 3648.9 | 3652.3 | 3655.7 | 3657.4 | 3655.7 | 3652.3 | 3648.9 | 3638.7 | 3628.6 | 3620.1 | 3613.4 |
| 10°   | 3687.9 | 3693.0 | 3699.8 | 3703.2 | 3699.8 | 3693.0 | 3687.9 | 3676.0 | 3662.4 | 3648.9 | 3638.7 |
| 12.5° | 3704.8 | 3709.9 | 3718.4 | 3716.8 | 3718.4 | 3709.9 | 3704.8 | 3687.9 | 3672.7 | 3654.0 | 3638.7 |
| 15°   | 3693.0 | 3699.8 | 3708.2 | 3711.6 | 3708.2 | 3699.8 | 3693.0 | 3676.0 | 3662.4 | 3642.2 | 3626.9 |
| 17.5° | 3655.7 | 3665.8 | 3671.0 | 3676.0 | 3671.0 | 3665.8 | 3655.7 | 3642.2 | 3623.5 | 3606.5 | 3591.3 |
| 20°   | 3604.8 | 3611.7 | 3618.4 | 3620.1 | 3618.4 | 3611.7 | 3604.8 | 3589.6 | 3560.8 | 3557.4 | 3545.6 |
| 22.5° | 3532.0 | 3537.1 | 3552.3 | 3547.2 | 3552.3 | 3537.1 | 3532.0 | 3518.4 | 3508.3 | 3489.6 | 3477.7 |
| 25°   | 3426.9 | 3431.9 | 3433.7 | 3435.4 | 3433.7 | 3431.9 | 3426.9 | 3415.0 | 3404.9 | 3391.3 | 3384.6 |
| 27.5° | 3245.5 | 3245.5 | 3248.9 | 3250.7 | 3248.9 | 3245.5 | 3245.5 | 3237.1 | 3230.3 | 3223.6 | 3216.7 |
| 30°   | 2971.0 | 2971.0 | 2971.0 | 2979.5 | 2971.0 | 2971.0 | 2971.0 | 2969.3 | 2969.3 | 2971.0 | 2971.0 |
| 32.5° | 2654.1 | 2650.6 | 2647.4 | 2650.6 | 2647.4 | 2650.6 | 2654.1 | 2655.8 | 2654.1 | 2659.2 | 2667.6 |
| 35°   | 2294.8 | 2293.1 | 2298.2 | 2291.4 | 2298.2 | 2293.1 | 2294.8 | 2294.8 | 2301.5 | 2308.4 | 2310.0 |
| 37.5° | 1950.6 | 1947.4 | 1954.1 | 1947.4 | 1954.1 | 1947.4 | 1950.6 | 1949.1 | 1947.4 | 1950.6 | 1945.7 |
| 40°   | 1623.6 | 1627.0 | 1627.0 | 1640.6 | 1627.0 | 1627.0 | 1623.6 | 1620.2 | 1608.4 | 1601.7 | 1594.8 |
| 42.5° | 1310.1 | 1320.3 | 1316.8 | 1327.0 | 1316.8 | 1320.3 | 1310.1 | 1303.3 | 1289.7 | 1277.9 | 1267.8 |
| 45°   | 1013.5 | 1020.3 | 1020.3 | 1023.6 | 1020.3 | 1020.3 | 1013.5 | 1006.6 | 994.8  | 984.6  | 977.8  |
| 47.5° | 777.9  | 777.9  | 777.9  | 779.6  | 777.9  | 777.9  | 777.9  | 766.0  | 762.6  | 755.9  | 747.4  |
| 50°   | 591.5  | 593.2  | 594.9  | 596.6  | 594.9  | 593.2  | 591.5  | 588.0  | 586.4  | 583.0  | 581.3  |
| 52.5° | 454.2  | 455.8  | 452.5  | 455.8  | 452.5  | 455.8  | 454.2  | 455.8  | 450.8  | 450.8  | 449.1  |
| 55°   | 344.0  | 342.3  | 344.0  | 345.7  | 344.0  | 342.3  | 344.0  | 344.0  | 342.3  | 342.3  | 342.3  |
| 57.5° | 252.6  | 249.1  | 249.1  | 249.1  | 249.1  | 249.1  | 252.6  | 250.9  | 255.9  | 252.6  | 254.2  |
| 60°   | 188.1  | 189.8  | 189.8  | 191.5  | 189.8  | 189.8  | 188.1  | 191.5  | 191.5  | 193.3  | 193.3  |
| 62.5° | 138.9  | 144.0  | 140.6  | 144.0  | 140.6  | 144.0  | 138.9  | 140.6  | 140.6  | 142.4  | 144.0  |
| 65°   | 89.9   | 89.9   | 89.9   | 91.6   | 89.9   | 89.9   | 89.9   | 91.6   | 93.1   | 91.6   | 96.6   |
| 67.5° | 61.1   | 62.7   | 66.1   | 64.4   | 66.1   | 62.7   | 61.1   | 62.7   | 62.7   | 67.8   | 66.1   |
| 70°   | 49.2   | 44.1   | 44.1   | 49.2   | 44.1   | 44.1   | 49.2   | 45.8   | 44.1   | 47.5   | 45.8   |
| 72.5° | 28.8   | 25.4   | 28.8   | 28.8   | 28.8   | 25.4   | 28.8   | 25.4   | 27.1   | 27.1   | 30.5   |
| 75°   | 15.3   | 13.5   | 11.8   | 17.0   | 11.8   | 13.5   | 15.3   | 15.3   | 15.3   | 15.3   | 17.0   |
| 77.5° | 10.2   | 8.4    | 11.8   | 11.8   | 11.8   | 8.4    | 10.2   | 8.4    | 10.2   | 8.4    | 10.2   |
| 80°   | 5.1    | 6.8    | 5.1    | 8.4    | 5.1    | 6.8    | 5.1    | 8.4    | 5.1    | 6.8    | 6.8    |
| 82.5° | 1.7    | 3.4    | 3.4    | 3.4    | 3.4    | 3.4    | 1.7    | 1.7    | 3.4    | 3.4    | 1.7    |
| 85°   | 0.0    | 3.4    | 1.7    | 1.7    | 1.7    | 3.4    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 87.5° | 1.7    | 0.0    | 0.0    | 1.7    | 0.0    | 0.0    | 1.7    | 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: P248741

CATALOG NUMBER: LD8B70D010 ER8B70927 8LBSW0WMH

**CANDELA DISTRIBUTION (continued):**

|       | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°   | 265°   | 270°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 3471.0 | 3471.0 | 3471.0 | 3471.0 | 3471.0 | 3471.0 | 3471.0 | 3471.0 | 3471.0 | 3471.0 | 3471.0 |
| 2.5°  | 3506.5 | 3501.4 | 3503.1 | 3493.0 | 3493.0 | 3489.6 | 3491.3 | 3482.8 | 3479.5 | 3476.0 | 3481.1 |
| 5°    | 3557.4 | 3548.9 | 3542.1 | 3526.9 | 3518.4 | 3508.3 | 3503.1 | 3489.6 | 3477.7 | 3467.6 | 3465.9 |
| 7.5°  | 3598.1 | 3579.4 | 3567.6 | 3547.2 | 3532.0 | 3520.1 | 3503.1 | 3484.5 | 3469.3 | 3455.7 | 3445.5 |
| 10°   | 3615.0 | 3596.4 | 3577.7 | 3552.3 | 3535.3 | 3513.3 | 3496.4 | 3472.6 | 3452.3 | 3433.7 | 3421.8 |
| 12.5° | 3616.6 | 3592.9 | 3576.0 | 3547.2 | 3525.2 | 3501.4 | 3482.8 | 3455.7 | 3431.9 | 3413.4 | 3394.7 |
| 15°   | 3601.5 | 3579.4 | 3559.0 | 3528.6 | 3506.5 | 3484.5 | 3462.5 | 3433.7 | 3411.7 | 3389.6 | 3376.1 |
| 17.5° | 3567.6 | 3547.2 | 3523.5 | 3494.7 | 3474.3 | 3454.0 | 3430.2 | 3406.6 | 3381.1 | 3357.3 | 3340.5 |
| 20°   | 3523.5 | 3501.4 | 3481.1 | 3452.3 | 3435.4 | 3413.4 | 3391.3 | 3365.9 | 3345.5 | 3321.8 | 3303.2 |
| 22.5° | 3457.5 | 3437.1 | 3418.4 | 3401.4 | 3374.3 | 3357.3 | 3342.2 | 3313.4 | 3293.0 | 3270.9 | 3250.7 |
| 25°   | 3362.5 | 3342.2 | 3326.8 | 3306.5 | 3294.7 | 3276.0 | 3260.8 | 3235.4 | 3216.7 | 3196.4 | 3179.5 |
| 27.5° | 3206.6 | 3194.7 | 3186.2 | 3174.3 | 3164.2 | 3155.7 | 3147.3 | 3126.9 | 3113.3 | 3094.8 | 3077.8 |
| 30°   | 2972.7 | 2971.0 | 2966.0 | 2960.8 | 2967.5 | 2967.5 | 2967.5 | 2964.3 | 2952.3 | 2938.7 | 2926.9 |
| 32.5° | 2672.7 | 2676.2 | 2682.9 | 2688.0 | 2701.5 | 2716.8 | 2730.4 | 2737.1 | 2737.1 | 2728.7 | 2723.5 |
| 35°   | 2315.1 | 2320.2 | 2330.4 | 2343.9 | 2360.9 | 2379.5 | 2410.0 | 2416.8 | 2421.8 | 2421.8 | 2415.0 |
| 37.5° | 1943.9 | 1942.2 | 1952.4 | 1964.2 | 1974.5 | 1988.0 | 2010.0 | 2015.1 | 2023.5 | 2020.3 | 2013.4 |
| 40°   | 1582.9 | 1574.4 | 1571.1 | 1574.4 | 1586.4 | 1581.2 | 1586.4 | 1582.9 | 1582.9 | 1571.1 | 1571.1 |
| 42.5° | 1249.1 | 1239.0 | 1232.1 | 1227.0 | 1227.0 | 1215.1 | 1206.7 | 1198.2 | 1193.2 | 1184.6 | 1182.9 |
| 45°   | 962.7  | 950.7  | 942.3  | 938.9  | 933.9  | 918.6  | 908.4  | 898.2  | 886.4  | 883.0  | 884.7  |
| 47.5° | 747.4  | 735.5  | 732.2  | 723.7  | 715.2  | 706.7  | 700.0  | 688.2  | 686.4  | 679.6  | 686.4  |
| 50°   | 576.2  | 572.8  | 567.8  | 564.3  | 559.2  | 552.5  | 545.7  | 539.0  | 535.5  | 535.5  | 537.2  |
| 52.5° | 447.4  | 449.1  | 444.0  | 439.0  | 435.6  | 435.6  | 427.0  | 425.4  | 425.4  | 418.6  | 425.4  |
| 55°   | 342.3  | 340.7  | 342.3  | 339.0  | 339.0  | 333.9  | 333.9  | 328.7  | 328.7  | 323.7  | 327.2  |
| 57.5° | 250.9  | 254.2  | 250.9  | 252.6  | 255.9  | 250.9  | 249.1  | 244.0  | 247.4  | 244.0  | 245.8  |
| 60°   | 195.0  | 195.0  | 195.0  | 193.3  | 193.3  | 191.5  | 191.5  | 189.8  | 189.8  | 186.4  | 189.8  |
| 62.5° | 144.0  | 145.7  | 145.7  | 145.7  | 147.5  | 145.7  | 144.0  | 145.7  | 144.0  | 144.0  | 145.7  |
| 65°   | 95.0   | 96.6   | 96.6   | 95.0   | 98.3   | 95.0   | 96.6   | 98.3   | 100.0  | 98.3   | 100.0  |
| 67.5° | 64.4   | 64.4   | 66.1   | 67.8   | 66.1   | 67.8   | 69.5   | 67.8   | 69.5   | 72.9   | 69.5   |
| 70°   | 47.5   | 49.2   | 49.2   | 47.5   | 45.8   | 47.5   | 45.8   | 50.8   | 50.8   | 50.8   | 54.2   |
| 72.5° | 30.5   | 30.5   | 28.8   | 28.8   | 28.8   | 28.8   | 28.8   | 33.9   | 30.5   | 28.8   | 32.2   |
| 75°   | 17.0   | 18.7   | 18.7   | 13.5   | 15.3   | 18.7   | 13.5   | 15.3   | 20.4   | 17.0   | 20.4   |
| 77.5° | 10.2   | 10.2   | 10.2   | 10.2   | 10.2   | 10.2   | 13.5   | 11.8   | 11.8   | 11.8   | 13.5   |
| 80°   | 8.4    | 6.8    | 6.8    | 5.1    | 6.8    | 6.8    | 6.8    | 10.2   | 8.4    | 8.4    | 10.2   |
| 82.5° | 3.4    | 3.4    | 1.7    | 0.0    | 3.4    | 3.4    | 3.4    | 3.4    | 3.4    | 3.4    | 6.8    |
| 85°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 1.7    | 1.7    | 0.0    |
| 87.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 3.4    | 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: P248741

CATALOG NUMBER: LD8B70D010 ER8B70927 8LBSW0WMH

**CANDELA DISTRIBUTION (continued):**

|       | 275°   | 280°   | 285°   | 290°   | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 3471.0 | 3471.0 | 3471.0 | 3471.0 | 3471.0 | 3471.0 | 3471.0 | 3471.0 | 3471.0 | 3471.0 | 3471.0 |
| 2.5°  | 3467.6 | 3467.6 | 3465.9 | 3462.5 | 3455.7 | 3455.7 | 3454.0 | 3448.9 | 3445.5 | 3443.8 | 3443.8 |
| 5°    | 3450.6 | 3443.8 | 3437.1 | 3418.4 | 3418.4 | 3415.0 | 3404.9 | 3398.1 | 3394.7 | 3386.2 | 3382.9 |
| 7.5°  | 3435.4 | 3415.0 | 3403.1 | 3391.3 | 3376.1 | 3369.3 | 3357.3 | 3352.3 | 3340.5 | 3332.0 | 3326.8 |
| 10°   | 3398.1 | 3384.6 | 3369.3 | 3350.6 | 3338.8 | 3325.3 | 3311.7 | 3301.5 | 3286.2 | 3277.7 | 3270.9 |
| 12.5° | 3372.6 | 3352.3 | 3338.8 | 3318.4 | 3298.0 | 3286.2 | 3267.6 | 3255.8 | 3240.5 | 3223.6 | 3213.3 |
| 15°   | 3348.9 | 3326.8 | 3308.3 | 3286.2 | 3264.2 | 3250.7 | 3228.6 | 3215.0 | 3193.1 | 3176.1 | 3164.2 |
| 17.5° | 3313.4 | 3294.7 | 3274.4 | 3247.2 | 3227.0 | 3210.0 | 3186.2 | 3169.4 | 3149.0 | 3126.9 | 3115.0 |
| 20°   | 3276.0 | 3254.0 | 3233.7 | 3206.6 | 3186.2 | 3165.9 | 3142.1 | 3123.6 | 3099.7 | 3079.5 | 3066.0 |
| 22.5° | 3227.0 | 3201.5 | 3184.5 | 3157.4 | 3133.7 | 3111.8 | 3089.7 | 3067.6 | 3045.6 | 3028.6 | 3013.3 |
| 25°   | 3155.7 | 3128.6 | 3110.0 | 3087.9 | 3066.0 | 3049.0 | 3021.9 | 3008.4 | 2986.3 | 2971.0 | 2955.7 |
| 27.5° | 3054.0 | 3033.7 | 3016.8 | 2994.8 | 2976.1 | 2962.6 | 2942.2 | 2928.6 | 2909.9 | 2896.4 | 2884.6 |
| 30°   | 2905.0 | 2888.0 | 2872.7 | 2850.6 | 2837.1 | 2825.2 | 2806.5 | 2794.7 | 2781.2 | 2765.9 | 2762.5 |
| 32.5° | 2705.0 | 2691.3 | 2676.2 | 2660.8 | 2650.6 | 2643.9 | 2628.6 | 2621.8 | 2608.3 | 2599.8 | 2591.3 |
| 35°   | 2403.2 | 2391.4 | 2382.9 | 2376.1 | 2372.7 | 2374.4 | 2371.0 | 2377.8 | 2381.2 | 2379.5 | 2381.2 |
| 37.5° | 2008.4 | 2001.5 | 2005.0 | 2010.0 | 2027.0 | 2049.1 | 2069.3 | 2099.8 | 2120.2 | 2140.5 | 2159.2 |
| 40°   | 1567.7 | 1572.8 | 1586.4 | 1616.9 | 1661.0 | 1710.1 | 1755.9 | 1813.5 | 1871.1 | 1911.7 | 1949.1 |
| 42.5° | 1182.9 | 1198.2 | 1232.1 | 1276.2 | 1342.4 | 1415.1 | 1486.4 | 1571.1 | 1640.6 | 1708.3 | 1755.9 |
| 45°   | 889.8  | 910.1  | 954.2  | 1015.2 | 1088.0 | 1172.8 | 1262.7 | 1357.5 | 1440.6 | 1510.1 | 1562.6 |
| 47.5° | 693.2  | 711.8  | 755.9  | 820.4  | 910.1  | 998.2  | 1091.5 | 1189.8 | 1276.2 | 1344.0 | 1389.7 |
| 50°   | 547.4  | 571.2  | 610.1  | 677.9  | 767.8  | 861.0  | 957.6  | 1054.1 | 1135.6 | 1193.2 | 1233.8 |
| 52.5° | 430.5  | 452.5  | 489.8  | 561.0  | 652.5  | 745.8  | 835.5  | 930.5  | 1001.6 | 1057.5 | 1084.7 |
| 55°   | 333.9  | 354.3  | 393.2  | 452.5  | 539.0  | 630.4  | 720.2  | 801.7  | 867.7  | 908.4  | 933.9  |
| 57.5° | 254.2  | 269.4  | 296.7  | 356.0  | 433.9  | 518.6  | 594.9  | 676.2  | 727.1  | 755.9  | 772.8  |
| 60°   | 193.3  | 205.1  | 233.9  | 279.7  | 350.8  | 423.7  | 488.1  | 549.1  | 589.8  | 613.6  | 630.4  |
| 62.5° | 145.7  | 159.3  | 179.7  | 218.6  | 272.8  | 332.2  | 386.4  | 432.1  | 466.1  | 481.4  | 493.2  |
| 65°   | 100.0  | 110.1  | 125.4  | 155.9  | 201.7  | 244.0  | 286.4  | 320.3  | 342.3  | 359.3  | 366.1  |
| 67.5° | 74.6   | 81.3   | 89.9   | 113.5  | 145.7  | 179.7  | 208.5  | 232.2  | 255.9  | 262.7  | 274.6  |
| 70°   | 55.9   | 61.1   | 69.5   | 86.4   | 105.1  | 128.8  | 152.5  | 166.0  | 183.0  | 195.0  | 198.3  |
| 72.5° | 35.6   | 37.2   | 45.8   | 55.9   | 71.1   | 86.4   | 101.7  | 113.5  | 123.8  | 130.5  | 133.9  |
| 75°   | 20.4   | 30.5   | 30.5   | 40.7   | 50.8   | 57.6   | 67.8   | 76.3   | 81.3   | 86.4   | 86.4   |
| 77.5° | 13.5   | 18.7   | 20.4   | 25.4   | 30.5   | 39.0   | 47.5   | 52.5   | 57.6   | 59.3   | 59.3   |
| 80°   | 11.8   | 13.5   | 13.5   | 18.7   | 22.0   | 28.8   | 33.9   | 35.6   | 39.0   | 40.7   | 44.1   |
| 82.5° | 5.1    | 6.8    | 8.4    | 13.5   | 15.3   | 15.3   | 20.4   | 22.0   | 25.4   | 27.1   | 27.1   |
| 85°   | 1.7    | 3.4    | 3.4    | 5.1    | 8.4    | 10.2   | 11.8   | 13.5   | 15.3   | 15.3   | 17.0   |
| 87.5° | 1.7    | 1.7    | 0.0    | 1.7    | 3.4    | 3.4    | 6.8    | 6.8    | 6.8    | 10.2   | 10.2   |
| 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: P248741

CATALOG NUMBER: LD8B70D010 ER8B70927 8LBSW0WMH

**CANDELA DISTRIBUTION (continued):**

|       | 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|-------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 3471.0 | 3471.0 | 3471.0 | 3471.0 | 3471.0 | 3471.0 | 3471.0 |
| 2.5°  | 3440.5 | 3442.2 | 3435.4 | 3433.7 | 3430.2 | 3431.9 | 3435.4 |
| 5°    | 3377.8 | 3379.4 | 3372.6 | 3365.9 | 3365.9 | 3364.2 | 3365.9 |
| 7.5°  | 3318.4 | 3320.1 | 3310.0 | 3306.5 | 3299.7 | 3301.5 | 3301.5 |
| 10°   | 3259.1 | 3259.1 | 3243.9 | 3242.1 | 3237.1 | 3235.4 | 3235.4 |
| 12.5° | 3201.5 | 3196.4 | 3184.5 | 3177.8 | 3181.2 | 3171.0 | 3171.0 |
| 15°   | 3150.7 | 3142.1 | 3126.9 | 3121.8 | 3113.3 | 3110.0 | 3110.0 |
| 17.5° | 3098.1 | 3091.3 | 3077.8 | 3067.6 | 3057.4 | 3055.7 | 3057.4 |
| 20°   | 3047.3 | 3040.4 | 3023.5 | 3016.8 | 3008.4 | 3008.4 | 3004.9 |
| 22.5° | 2996.4 | 2989.6 | 2974.4 | 2969.3 | 2957.4 | 2957.4 | 2959.1 |
| 25°   | 2943.9 | 2938.7 | 2921.8 | 2918.5 | 2916.8 | 2909.9 | 2913.4 |
| 27.5° | 2872.7 | 2869.3 | 2855.7 | 2850.6 | 2843.9 | 2842.2 | 2845.6 |
| 30°   | 2742.2 | 2737.1 | 2727.0 | 2721.8 | 2710.0 | 2711.7 | 2715.1 |
| 32.5° | 2579.5 | 2572.8 | 2559.2 | 2554.1 | 2544.0 | 2540.5 | 2542.2 |
| 35°   | 2376.1 | 2371.0 | 2359.2 | 2359.2 | 2349.0 | 2345.6 | 2349.0 |
| 37.5° | 2169.3 | 2174.4 | 2169.3 | 2174.4 | 2169.3 | 2167.6 | 2169.3 |
| 40°   | 1974.5 | 1993.0 | 1996.4 | 2015.1 | 2008.4 | 2018.5 | 2016.8 |
| 42.5° | 1788.0 | 1818.4 | 1830.4 | 1845.7 | 1842.3 | 1849.0 | 1854.1 |
| 45°   | 1599.9 | 1625.3 | 1637.2 | 1647.3 | 1649.0 | 1652.5 | 1654.1 |
| 47.5° | 1421.9 | 1442.2 | 1443.9 | 1455.9 | 1454.2 | 1454.2 | 1459.2 |
| 50°   | 1255.8 | 1269.4 | 1272.7 | 1281.3 | 1274.5 | 1271.1 | 1272.7 |
| 52.5° | 1101.6 | 1115.2 | 1111.7 | 1115.2 | 1106.8 | 1103.3 | 1105.0 |
| 55°   | 944.0  | 950.7  | 950.7  | 950.7  | 940.6  | 940.6  | 940.6  |
| 57.5° | 783.0  | 784.7  | 781.3  | 783.0  | 781.3  | 771.1  | 769.5  |
| 60°   | 635.6  | 635.6  | 633.8  | 635.6  | 630.4  | 625.4  | 625.4  |
| 62.5° | 496.6  | 500.0  | 506.7  | 500.0  | 496.6  | 500.0  | 494.9  |
| 65°   | 371.1  | 378.0  | 376.2  | 379.7  | 378.0  | 378.0  | 374.5  |
| 67.5° | 279.7  | 281.4  | 283.0  | 284.7  | 284.7  | 284.7  | 284.7  |
| 70°   | 205.1  | 210.2  | 208.5  | 208.5  | 208.5  | 208.5  | 218.6  |
| 72.5° | 137.2  | 144.0  | 142.4  | 145.7  | 145.7  | 149.2  | 145.7  |
| 75°   | 93.1   | 100.0  | 96.6   | 101.7  | 100.0  | 96.6   | 105.1  |
| 77.5° | 62.7   | 66.1   | 67.8   | 69.5   | 67.8   | 66.1   | 67.8   |
| 80°   | 44.1   | 47.5   | 45.8   | 47.5   | 47.5   | 47.5   | 49.2   |
| 82.5° | 27.1   | 32.2   | 30.5   | 32.2   | 30.5   | 32.2   | 32.2   |
| 85°   | 18.7   | 20.4   | 17.0   | 20.4   | 18.7   | 18.7   | 22.0   |
| 87.5° | 11.8   | 10.2   | 10.2   | 11.8   | 10.2   | 11.8   | 10.2   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

(END OF REPORT)