

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: P249046

Luminaire Tested: **LD8B60D010 ER8B60940 8LBSW0MW**

Issue Date: 03/03/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P249046  
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: LD8B60D010 ER8B60940 8LBSW0MW  
Description: PORTFOLIO 8 INCH SINGLE WALL WASH DISTRIBUTION 60 DEGREE CUTOFF  
RECESSED DOWNLIGHT  
90 CRI 4000 CCT WITH MATTE WHITE TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 5497.0 lumens  
Efficiency: N/A  
Efficacy: 92.4 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

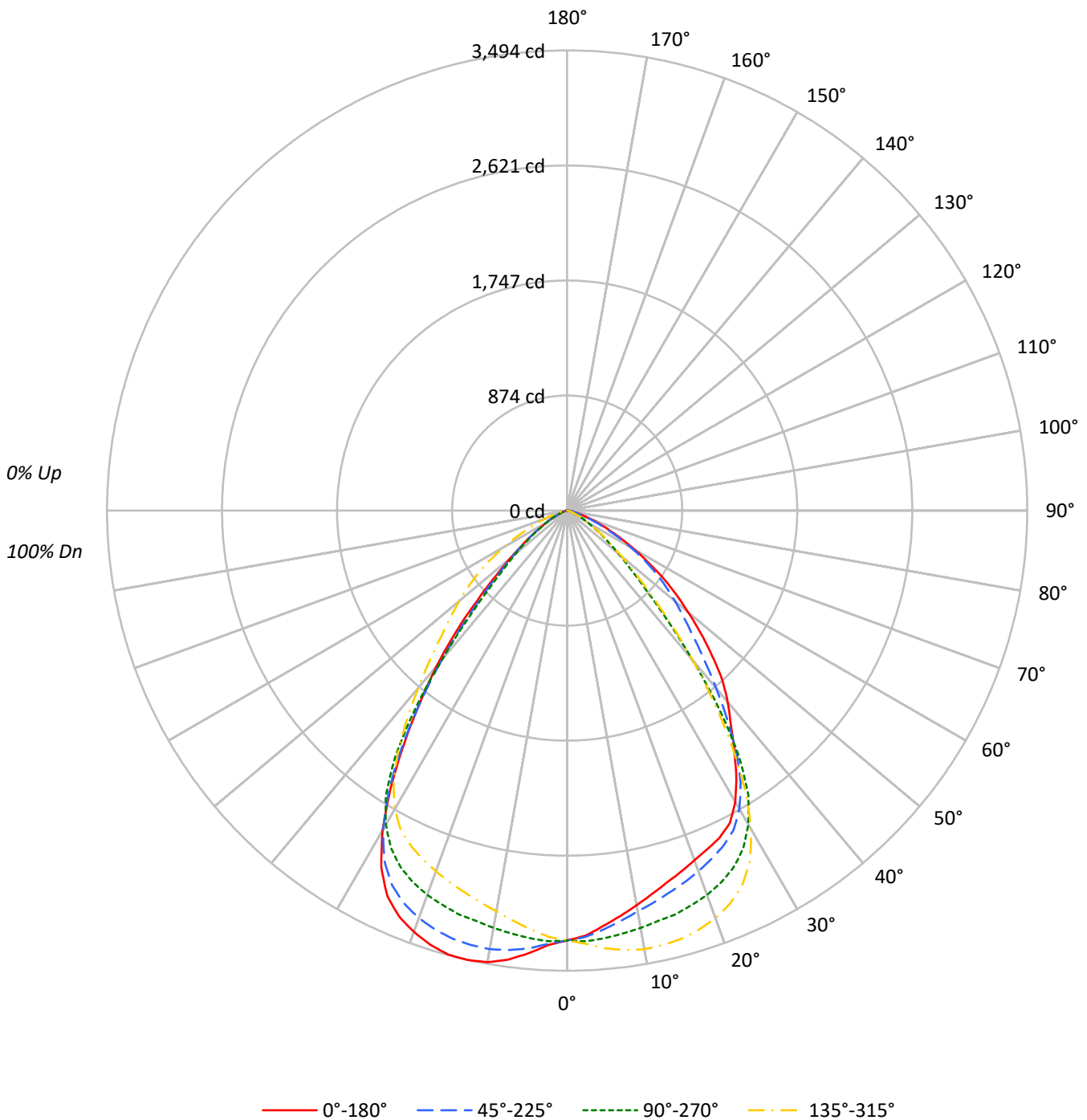
Input Watts (W): 59.5  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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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  | 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°  | 100631 | 100631 | 100631 | 100631 |
| 5°  | 97957  | 100867 | 104470 | 100867 |
| 10° | 95248  | 100737 | 109019 | 100737 |
| 15° | 93346  | 101333 | 111406 | 101333 |
| 20° | 92710  | 101915 | 111690 | 101915 |
| 25° | 93199  | 101708 | 109894 | 101708 |
| 30° | 90893  | 97986  | 99745  | 97986  |
| 35° | 83137  | 85479  | 81101  | 85479  |
| 40° | 76330  | 59459  | 62092  | 59459  |
| 45° | 67821  | 36274  | 41969  | 36274  |
| 50° | 57409  | 24231  | 26908  | 24231  |
| 55° | 47547  | 16532  | 17478  | 16532  |
| 60° | 36264  | 11009  | 11101  | 11009  |
| 65° | 25691  | 6859   | 6282   | 6859   |
| 70° | 18537  | 4598   | 4165   | 4598   |
| 75° | 11771  | 2288   | 1894   | 2288   |
| 80° | 8204   | 1705   | 1403   | 1705   |
| 85° | 7324   | 0      | 566    | 0      |



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 310.6  | 5.7       |
| 10°-20°   | 899.5  | 16.4      |
| 20°-30°   | 1362.0 | 24.8      |
| 30°-40°   | 1365.1 | 24.8      |
| 40°-50°   | 857.2  | 15.6      |
| 50°-60°   | 456.8  | 8.3       |
| 60°-70°   | 187.8  | 3.4       |
| 70°-80°   | 49.6   | 0.9       |
| 80°-90°   | 8.4    | 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°    | 2572.1 | 46.8      |
| 0°-40°    | 3937.2 | 71.6      |
| 0°-60°    | 5251.1 | 95.5      |
| 0°-90°    | 5497.0 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 5497.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 90°  | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0°  | 3263 | 3263 | 3263 | 3263 | 3263 |      |
| 5°  | 3165 | 3259 | 3375 | 3259 | 3165 | 298  |
| 15° | 2924 | 3174 | 3490 | 3174 | 2924 | 827  |
| 25° | 2739 | 2989 | 3230 | 2989 | 2739 | 1256 |
| 35° | 2208 | 2271 | 2154 | 2271 | 2208 | 1384 |
| 45° | 1555 | 832  | 962  | 832  | 1555 | 1196 |
| 55° | 884  | 308  | 325  | 308  | 884  | 788  |
| 65° | 352  | 94   | 86   | 94   | 352  | 365  |
| 75° | 99   | 19   | 16   | 19   | 99   | 112  |
| 85° | 21   | 0    | 2    | 0    | 21   | 23   |
| 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°    | 3263.4 | 3263.4 | 3263.4 | 3263.4 | 3263.4 | 3263.4 | 3263.4 | 3263.4 | 3263.4 | 3263.4 | 3263.4 |
| 2.5°  | 3229.9 | 3226.7 | 3225.2 | 3228.4 | 3229.9 | 3236.3 | 3234.7 | 3237.9 | 3237.9 | 3239.5 | 3242.7 |
| 5°    | 3164.6 | 3163.0 | 3164.6 | 3164.6 | 3171.0 | 3177.3 | 3175.8 | 3180.6 | 3183.7 | 3191.7 | 3194.9 |
| 7.5°  | 3104.1 | 3104.1 | 3102.4 | 3108.8 | 3112.0 | 3121.6 | 3120.0 | 3128.0 | 3132.7 | 3140.7 | 3151.8 |
| 10°   | 3041.9 | 3041.9 | 3043.5 | 3048.3 | 3049.9 | 3064.2 | 3064.2 | 3075.4 | 3081.7 | 3089.7 | 3104.1 |
| 12.5° | 2981.4 | 2981.4 | 2990.9 | 2987.7 | 2994.1 | 3005.2 | 3010.0 | 3021.2 | 3030.8 | 3046.7 | 3061.1 |
| 15°   | 2924.0 | 2924.0 | 2927.2 | 2935.1 | 2939.9 | 2954.3 | 2962.2 | 2975.0 | 2986.2 | 3002.1 | 3022.8 |
| 17.5° | 2874.6 | 2873.0 | 2874.6 | 2884.2 | 2893.7 | 2906.5 | 2912.8 | 2928.8 | 2939.9 | 2960.6 | 2979.8 |
| 20°   | 2825.2 | 2828.4 | 2828.4 | 2836.4 | 2842.7 | 2858.7 | 2865.0 | 2882.6 | 2895.3 | 2914.4 | 2936.8 |
| 22.5° | 2782.2 | 2780.6 | 2780.6 | 2791.8 | 2796.5 | 2810.8 | 2817.2 | 2833.1 | 2847.5 | 2863.4 | 2884.2 |
| 25°   | 2739.2 | 2735.9 | 2742.4 | 2743.9 | 2747.1 | 2763.0 | 2767.8 | 2779.0 | 2793.3 | 2807.7 | 2828.4 |
| 27.5° | 2675.4 | 2672.3 | 2673.8 | 2680.2 | 2685.0 | 2697.7 | 2700.9 | 2712.1 | 2723.2 | 2735.9 | 2753.5 |
| 30°   | 2552.7 | 2549.5 | 2548.0 | 2559.1 | 2563.9 | 2573.4 | 2578.2 | 2597.3 | 2600.5 | 2614.9 | 2627.6 |
| 32.5° | 2390.2 | 2388.6 | 2391.8 | 2401.3 | 2406.1 | 2418.9 | 2425.2 | 2436.4 | 2444.3 | 2452.3 | 2465.1 |
| 35°   | 2208.5 | 2205.3 | 2208.5 | 2218.1 | 2218.1 | 2229.3 | 2234.1 | 2238.8 | 2237.2 | 2238.8 | 2235.6 |
| 37.5° | 2039.7 | 2038.0 | 2039.7 | 2044.4 | 2039.7 | 2044.4 | 2039.7 | 2030.1 | 2012.6 | 1993.4 | 1974.3 |
| 40°   | 1896.2 | 1897.8 | 1888.3 | 1894.6 | 1877.1 | 1873.9 | 1856.4 | 1832.5 | 1797.4 | 1759.2 | 1705.0 |
| 42.5° | 1743.3 | 1738.5 | 1732.1 | 1735.3 | 1721.0 | 1709.7 | 1681.1 | 1650.8 | 1606.2 | 1542.5 | 1477.1 |
| 45°   | 1555.2 | 1553.6 | 1550.4 | 1548.9 | 1539.3 | 1528.1 | 1504.2 | 1469.2 | 1419.8 | 1354.5 | 1276.3 |
| 47.5° | 1372.0 | 1367.2 | 1367.2 | 1368.8 | 1357.6 | 1356.0 | 1336.9 | 1306.6 | 1263.6 | 1199.9 | 1118.6 |
| 50°   | 1196.7 | 1195.1 | 1198.3 | 1204.7 | 1196.7 | 1193.5 | 1180.8 | 1160.1 | 1121.8 | 1067.6 | 991.1  |
| 52.5° | 1038.9 | 1037.3 | 1040.6 | 1048.5 | 1045.3 | 1048.5 | 1035.8 | 1019.8 | 994.3  | 941.7  | 874.8  |
| 55°   | 884.4  | 884.4  | 884.4  | 893.9  | 893.9  | 893.9  | 887.5  | 878.0  | 854.1  | 815.8  | 753.7  |
| 57.5° | 723.4  | 725.0  | 734.6  | 736.2  | 734.6  | 737.8  | 736.2  | 726.6  | 710.7  | 683.6  | 635.8  |
| 60°   | 588.0  | 588.0  | 592.8  | 597.6  | 595.9  | 597.6  | 597.6  | 592.8  | 576.8  | 554.5  | 516.3  |
| 62.5° | 465.3  | 470.1  | 466.9  | 470.1  | 476.4  | 470.1  | 466.9  | 463.7  | 452.6  | 438.2  | 406.3  |
| 65°   | 352.1  | 355.4  | 355.4  | 356.9  | 353.7  | 355.4  | 349.0  | 344.2  | 337.8  | 321.9  | 301.2  |
| 67.5° | 267.7  | 267.7  | 267.7  | 267.7  | 266.1  | 264.5  | 262.9  | 258.2  | 247.0  | 240.6  | 218.3  |
| 70°   | 205.6  | 196.0  | 196.0  | 196.0  | 196.0  | 197.6  | 192.8  | 186.5  | 183.3  | 172.1  | 156.2  |
| 72.5° | 137.0  | 140.2  | 137.0  | 137.0  | 133.9  | 135.4  | 129.1  | 125.9  | 122.7  | 116.4  | 106.8  |
| 75°   | 98.8   | 90.8   | 94.0   | 95.6   | 90.8   | 94.0   | 87.6   | 81.3   | 81.3   | 76.5   | 71.7   |
| 77.5° | 63.8   | 62.2   | 63.8   | 65.3   | 63.8   | 62.2   | 59.0   | 55.7   | 55.7   | 54.2   | 49.4   |
| 80°   | 46.2   | 44.6   | 44.6   | 44.6   | 43.0   | 44.6   | 41.5   | 41.5   | 38.2   | 36.7   | 33.4   |
| 82.5° | 30.3   | 30.3   | 28.7   | 30.3   | 28.7   | 30.3   | 25.5   | 25.5   | 25.5   | 23.9   | 20.7   |
| 85°   | 20.7   | 17.5   | 17.5   | 19.2   | 15.9   | 19.2   | 17.5   | 15.9   | 14.4   | 14.4   | 12.7   |
| 87.5° | 9.6    | 11.1   | 9.6    | 11.1   | 9.6    | 9.6    | 11.1   | 9.6    | 9.6    | 6.4    | 6.4    |
| 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):**

|       | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°   | 105°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 3263.4 | 3263.4 | 3263.4 | 3263.4 | 3263.4 | 3263.4 | 3263.4 | 3263.4 | 3263.4 | 3263.4 | 3263.4 |
| 2.5°  | 3247.5 | 3249.0 | 3249.0 | 3255.5 | 3258.6 | 3260.2 | 3260.2 | 3273.0 | 3268.2 | 3271.4 | 3274.5 |
| 5°    | 3201.3 | 3210.8 | 3214.0 | 3214.0 | 3231.5 | 3237.9 | 3244.2 | 3258.6 | 3260.2 | 3269.8 | 3280.9 |
| 7.5°  | 3156.6 | 3167.8 | 3174.2 | 3188.5 | 3199.6 | 3210.8 | 3229.9 | 3239.5 | 3249.0 | 3261.8 | 3276.1 |
| 10°   | 3113.6 | 3126.4 | 3139.1 | 3150.3 | 3167.8 | 3182.1 | 3194.9 | 3217.2 | 3228.4 | 3245.9 | 3265.0 |
| 12.5° | 3072.2 | 3089.7 | 3100.9 | 3120.0 | 3139.1 | 3151.8 | 3171.0 | 3191.7 | 3209.2 | 3226.7 | 3249.0 |
| 15°   | 3035.5 | 3056.3 | 3069.0 | 3089.7 | 3110.4 | 3128.0 | 3148.7 | 3174.2 | 3186.9 | 3207.6 | 3228.4 |
| 17.5° | 2995.7 | 3018.0 | 3034.0 | 3053.1 | 3078.6 | 3097.7 | 3115.2 | 3140.7 | 3156.6 | 3178.9 | 3202.9 |
| 20°   | 2954.3 | 2976.6 | 2995.7 | 3014.8 | 3040.3 | 3059.4 | 3080.1 | 3105.7 | 3123.2 | 3145.5 | 3164.6 |
| 22.5° | 2904.9 | 2925.6 | 2946.3 | 2968.6 | 2994.1 | 3010.0 | 3034.0 | 3056.3 | 3075.4 | 3096.1 | 3115.2 |
| 25°   | 2841.1 | 2866.7 | 2882.6 | 2903.3 | 2924.0 | 2941.5 | 2967.0 | 2989.3 | 3005.2 | 3024.4 | 3041.9 |
| 27.5° | 2766.2 | 2785.4 | 2798.1 | 2815.6 | 2836.4 | 2852.3 | 2871.4 | 2893.7 | 2909.7 | 2927.2 | 2939.9 |
| 30°   | 2638.7 | 2656.3 | 2667.5 | 2680.2 | 2700.9 | 2715.3 | 2731.2 | 2751.9 | 2763.0 | 2775.8 | 2787.0 |
| 32.5° | 2471.4 | 2485.8 | 2492.1 | 2501.7 | 2516.1 | 2530.4 | 2543.2 | 2560.7 | 2565.5 | 2573.4 | 2573.4 |
| 35°   | 2229.3 | 2232.4 | 2230.8 | 2234.1 | 2240.4 | 2248.4 | 2259.5 | 2270.7 | 2277.0 | 2277.0 | 2272.3 |
| 37.5° | 1945.6 | 1926.5 | 1905.8 | 1889.9 | 1885.1 | 1881.8 | 1888.3 | 1893.0 | 1899.4 | 1902.6 | 1894.6 |
| 40°   | 1650.8 | 1607.8 | 1561.6 | 1520.1 | 1491.5 | 1478.7 | 1474.0 | 1477.1 | 1477.1 | 1488.3 | 1488.3 |
| 42.5° | 1397.5 | 1330.5 | 1262.0 | 1199.9 | 1158.4 | 1126.6 | 1112.2 | 1112.2 | 1113.8 | 1121.8 | 1126.6 |
| 45°   | 1187.1 | 1102.7 | 1023.0 | 954.5  | 897.1  | 855.7  | 836.6  | 831.8  | 830.2  | 833.4  | 844.5  |
| 47.5° | 1026.2 | 938.6  | 855.7  | 771.2  | 710.7  | 669.3  | 651.7  | 645.3  | 639.0  | 645.3  | 647.0  |
| 50°   | 900.3  | 809.5  | 721.9  | 637.4  | 573.6  | 537.0  | 514.7  | 505.1  | 503.5  | 503.5  | 506.7  |
| 52.5° | 785.5  | 701.1  | 613.5  | 527.5  | 460.5  | 425.5  | 404.7  | 400.0  | 393.6  | 400.0  | 400.0  |
| 55°   | 677.2  | 592.8  | 506.7  | 425.5  | 369.7  | 333.1  | 313.9  | 307.5  | 304.3  | 309.1  | 309.1  |
| 57.5° | 559.3  | 487.6  | 408.0  | 334.6  | 278.9  | 253.4  | 239.0  | 231.1  | 229.4  | 232.6  | 229.4  |
| 60°   | 458.9  | 398.4  | 329.8  | 262.9  | 219.9  | 192.8  | 181.7  | 178.5  | 175.3  | 178.5  | 178.5  |
| 62.5° | 363.3  | 312.3  | 256.5  | 205.6  | 168.9  | 149.8  | 137.0  | 137.0  | 135.4  | 135.4  | 137.0  |
| 65°   | 269.3  | 229.4  | 189.6  | 146.6  | 117.9  | 103.6  | 94.0   | 94.0   | 92.4   | 94.0   | 92.4   |
| 67.5° | 196.0  | 168.9  | 137.0  | 106.8  | 84.5   | 76.5   | 70.1   | 65.3   | 68.5   | 65.3   | 63.8   |
| 70°   | 143.4  | 121.1  | 98.8   | 81.3   | 65.3   | 57.4   | 52.6   | 51.0   | 47.8   | 47.8   | 47.8   |
| 72.5° | 95.6   | 81.3   | 66.9   | 52.6   | 43.0   | 35.0   | 33.4   | 30.3   | 27.1   | 28.7   | 31.9   |
| 75°   | 63.8   | 54.2   | 47.8   | 38.2   | 28.7   | 28.7   | 19.2   | 19.2   | 15.9   | 19.2   | 14.4   |
| 77.5° | 44.6   | 36.7   | 28.7   | 23.9   | 19.2   | 17.5   | 12.7   | 12.7   | 11.1   | 11.1   | 11.1   |
| 80°   | 31.9   | 27.1   | 20.7   | 17.5   | 12.7   | 12.7   | 11.1   | 9.6    | 7.9    | 7.9    | 9.6    |
| 82.5° | 19.2   | 14.4   | 14.4   | 12.7   | 7.9    | 6.4    | 4.8    | 6.4    | 3.2    | 3.2    | 3.2    |
| 85°   | 11.1   | 9.6    | 7.9    | 4.8    | 3.2    | 3.2    | 1.6    | 0.0    | 1.6    | 1.6    | 0.0    |
| 87.5° | 6.4    | 3.2    | 3.2    | 1.6    | 0.0    | 1.6    | 1.6    | 0.0    | 0.0    | 0.0    | 3.2    |
| 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: P249046

CATALOG NUMBER: LD8B60D010 ER8B60940 8LBSW0MW

**CANDELA DISTRIBUTION (continued):**

|       | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   | 160°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 3263.4 | 3263.4 | 3263.4 | 3263.4 | 3263.4 | 3263.4 | 3263.4 | 3263.4 | 3263.4 | 3263.4 | 3263.4 |
| 2.5°  | 3282.5 | 3280.9 | 3284.1 | 3284.1 | 3293.7 | 3292.1 | 3296.8 | 3296.8 | 3293.7 | 3295.3 | 3301.6 |
| 5°    | 3293.7 | 3298.5 | 3308.0 | 3316.0 | 3330.3 | 3336.7 | 3344.7 | 3352.7 | 3354.2 | 3359.0 | 3363.8 |
| 7.5°  | 3293.7 | 3309.6 | 3320.8 | 3335.1 | 3354.2 | 3365.4 | 3382.9 | 3397.3 | 3403.6 | 3411.6 | 3421.1 |
| 10°   | 3287.3 | 3303.2 | 3323.9 | 3339.9 | 3363.8 | 3381.3 | 3398.8 | 3421.1 | 3430.7 | 3443.4 | 3456.2 |
| 12.5° | 3274.5 | 3292.1 | 3314.4 | 3335.1 | 3362.2 | 3378.1 | 3400.4 | 3421.1 | 3435.5 | 3453.0 | 3467.4 |
| 15°   | 3255.5 | 3276.1 | 3296.8 | 3317.6 | 3346.2 | 3365.4 | 3386.1 | 3410.0 | 3424.3 | 3443.4 | 3456.2 |
| 17.5° | 3225.2 | 3247.5 | 3266.6 | 3285.7 | 3312.8 | 3335.1 | 3354.2 | 3376.5 | 3390.9 | 3406.8 | 3424.3 |
| 20°   | 3188.5 | 3209.2 | 3229.9 | 3245.9 | 3273.0 | 3292.1 | 3312.8 | 3333.5 | 3344.7 | 3347.9 | 3375.0 |
| 22.5° | 3142.3 | 3156.6 | 3172.6 | 3198.1 | 3214.0 | 3231.5 | 3250.7 | 3269.8 | 3280.9 | 3298.5 | 3308.0 |
| 25°   | 3065.8 | 3080.1 | 3097.7 | 3108.8 | 3128.0 | 3142.3 | 3161.4 | 3182.1 | 3188.5 | 3201.3 | 3210.8 |
| 27.5° | 2959.1 | 2967.0 | 2975.0 | 2984.5 | 2995.7 | 3003.7 | 3014.8 | 3024.4 | 3030.8 | 3037.1 | 3043.5 |
| 30°   | 2790.1 | 2790.1 | 2790.1 | 2783.8 | 2788.5 | 2793.3 | 2794.9 | 2793.3 | 2793.3 | 2791.8 | 2791.8 |
| 32.5° | 2567.0 | 2554.3 | 2540.0 | 2527.2 | 2522.4 | 2516.1 | 2512.9 | 2508.1 | 2500.1 | 2495.4 | 2496.9 |
| 35°   | 2265.9 | 2237.2 | 2219.7 | 2203.8 | 2191.0 | 2181.5 | 2176.7 | 2171.9 | 2170.3 | 2163.9 | 2157.5 |
| 37.5° | 1889.9 | 1869.1 | 1856.4 | 1846.8 | 1835.7 | 1826.1 | 1827.7 | 1829.3 | 1834.0 | 1830.9 | 1832.5 |
| 40°   | 1491.5 | 1486.7 | 1491.5 | 1480.3 | 1477.1 | 1480.3 | 1488.3 | 1499.5 | 1505.8 | 1512.2 | 1523.3 |
| 42.5° | 1134.5 | 1142.5 | 1153.7 | 1153.7 | 1158.4 | 1164.8 | 1174.4 | 1191.9 | 1201.4 | 1212.6 | 1225.4 |
| 45°   | 854.1  | 863.7  | 878.0  | 882.7  | 886.0  | 893.9  | 905.1  | 919.4  | 925.8  | 935.3  | 946.5  |
| 47.5° | 658.1  | 664.5  | 672.4  | 680.4  | 688.3  | 691.6  | 702.7  | 702.7  | 710.7  | 717.1  | 720.2  |
| 50°   | 513.1  | 519.5  | 525.8  | 530.6  | 533.8  | 538.6  | 541.8  | 546.5  | 548.1  | 551.3  | 552.9  |
| 52.5° | 401.5  | 409.5  | 409.5  | 412.7  | 417.5  | 422.3  | 420.7  | 422.3  | 423.8  | 423.8  | 428.6  |
| 55°   | 313.9  | 313.9  | 318.7  | 318.7  | 321.9  | 320.3  | 321.9  | 321.9  | 321.9  | 321.9  | 323.5  |
| 57.5° | 234.2  | 235.9  | 240.6  | 237.4  | 235.9  | 239.0  | 235.9  | 239.0  | 237.4  | 240.6  | 235.9  |
| 60°   | 180.0  | 180.0  | 181.7  | 181.7  | 183.3  | 183.3  | 183.3  | 181.7  | 181.7  | 180.0  | 180.0  |
| 62.5° | 135.4  | 137.0  | 138.7  | 137.0  | 137.0  | 137.0  | 135.4  | 135.4  | 133.9  | 132.2  | 132.2  |
| 65°   | 90.8   | 89.3   | 92.4   | 89.3   | 90.8   | 90.8   | 89.3   | 90.8   | 86.1   | 87.6   | 86.1   |
| 67.5° | 65.3   | 63.8   | 62.2   | 63.8   | 62.2   | 60.5   | 60.5   | 62.2   | 63.8   | 59.0   | 59.0   |
| 70°   | 43.0   | 44.6   | 43.0   | 44.6   | 46.2   | 46.2   | 44.6   | 43.0   | 44.6   | 41.5   | 43.0   |
| 72.5° | 27.1   | 27.1   | 27.1   | 27.1   | 27.1   | 28.7   | 28.7   | 28.7   | 25.5   | 25.5   | 23.9   |
| 75°   | 12.7   | 17.5   | 14.4   | 12.7   | 17.5   | 17.5   | 15.9   | 15.9   | 14.4   | 14.4   | 14.4   |
| 77.5° | 12.7   | 9.6    | 9.6    | 9.6    | 9.6    | 9.6    | 9.6    | 9.6    | 7.9    | 9.6    | 7.9    |
| 80°   | 6.4    | 6.4    | 6.4    | 4.8    | 6.4    | 6.4    | 7.9    | 6.4    | 6.4    | 4.8    | 7.9    |
| 82.5° | 3.2    | 3.2    | 3.2    | 0.0    | 1.6    | 3.2    | 3.2    | 1.6    | 3.2    | 3.2    | 1.6    |
| 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: P249046

CATALOG NUMBER: LD8B60D010 ER8B60940 8LBSW0MW

**CANDELA DISTRIBUTION (continued):**

|       | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 3263.4 | 3263.4 | 3263.4 | 3263.4 | 3263.4 | 3263.4 | 3263.4 | 3263.4 | 3263.4 | 3263.4 | 3263.4 |
| 2.5°  | 3300.1 | 3298.5 | 3300.1 | 3301.6 | 3300.1 | 3298.5 | 3300.1 | 3301.6 | 3295.3 | 3293.7 | 3296.8 |
| 5°    | 3370.2 | 3370.2 | 3373.3 | 3375.0 | 3373.3 | 3370.2 | 3370.2 | 3363.8 | 3359.0 | 3354.2 | 3352.7 |
| 7.5°  | 3430.7 | 3433.9 | 3437.1 | 3438.6 | 3437.1 | 3433.9 | 3430.7 | 3421.1 | 3411.6 | 3403.6 | 3397.3 |
| 10°   | 3467.4 | 3472.2 | 3478.5 | 3481.7 | 3478.5 | 3472.2 | 3467.4 | 3456.2 | 3443.4 | 3430.7 | 3421.1 |
| 12.5° | 3483.3 | 3488.1 | 3496.0 | 3494.5 | 3496.0 | 3488.1 | 3483.3 | 3467.4 | 3453.0 | 3435.5 | 3421.1 |
| 15°   | 3472.2 | 3478.5 | 3486.5 | 3489.7 | 3486.5 | 3478.5 | 3472.2 | 3456.2 | 3443.4 | 3424.3 | 3410.0 |
| 17.5° | 3437.1 | 3446.6 | 3451.4 | 3456.2 | 3451.4 | 3446.6 | 3437.1 | 3424.3 | 3406.8 | 3390.9 | 3376.5 |
| 20°   | 3389.3 | 3395.7 | 3402.0 | 3403.6 | 3402.0 | 3395.7 | 3389.3 | 3375.0 | 3347.9 | 3344.7 | 3333.5 |
| 22.5° | 3320.8 | 3325.6 | 3339.9 | 3335.1 | 3339.9 | 3325.6 | 3320.8 | 3308.0 | 3298.5 | 3280.9 | 3269.8 |
| 25°   | 3221.9 | 3226.7 | 3228.4 | 3229.9 | 3228.4 | 3226.7 | 3221.9 | 3210.8 | 3201.3 | 3188.5 | 3182.1 |
| 27.5° | 3051.5 | 3051.5 | 3054.6 | 3056.3 | 3054.6 | 3051.5 | 3051.5 | 3043.5 | 3037.1 | 3030.8 | 3024.4 |
| 30°   | 2793.3 | 2793.3 | 2793.3 | 2801.3 | 2793.3 | 2793.3 | 2793.3 | 2791.8 | 2791.8 | 2793.3 | 2793.3 |
| 32.5° | 2495.4 | 2492.1 | 2489.0 | 2492.1 | 2489.0 | 2492.1 | 2495.4 | 2496.9 | 2495.4 | 2500.1 | 2508.1 |
| 35°   | 2157.5 | 2155.9 | 2160.7 | 2154.4 | 2160.7 | 2155.9 | 2157.5 | 2157.5 | 2163.9 | 2170.3 | 2171.9 |
| 37.5° | 1834.0 | 1830.9 | 1837.3 | 1830.9 | 1837.3 | 1830.9 | 1834.0 | 1832.5 | 1830.9 | 1834.0 | 1829.3 |
| 40°   | 1526.6 | 1529.7 | 1529.7 | 1542.5 | 1529.7 | 1529.7 | 1526.6 | 1523.3 | 1512.2 | 1505.8 | 1499.5 |
| 42.5° | 1231.7 | 1241.3 | 1238.1 | 1247.7 | 1238.1 | 1241.3 | 1231.7 | 1225.4 | 1212.6 | 1201.4 | 1191.9 |
| 45°   | 952.9  | 959.3  | 959.3  | 962.4  | 959.3  | 959.3  | 952.9  | 946.5  | 935.3  | 925.8  | 919.4  |
| 47.5° | 731.4  | 731.4  | 731.4  | 733.0  | 731.4  | 731.4  | 731.4  | 720.2  | 717.1  | 710.7  | 702.7  |
| 50°   | 556.1  | 557.7  | 559.3  | 560.9  | 559.3  | 557.7  | 556.1  | 552.9  | 551.3  | 548.1  | 546.5  |
| 52.5° | 427.0  | 428.6  | 425.5  | 428.6  | 425.5  | 428.6  | 427.0  | 428.6  | 423.8  | 423.8  | 422.3  |
| 55°   | 323.5  | 321.9  | 323.5  | 325.1  | 323.5  | 321.9  | 323.5  | 323.5  | 321.9  | 321.9  | 321.9  |
| 57.5° | 237.4  | 234.2  | 234.2  | 234.2  | 234.2  | 234.2  | 237.4  | 235.9  | 240.6  | 237.4  | 239.0  |
| 60°   | 176.9  | 178.5  | 178.5  | 180.0  | 178.5  | 178.5  | 176.9  | 180.0  | 180.0  | 181.7  | 181.7  |
| 62.5° | 130.7  | 135.4  | 132.2  | 135.4  | 132.2  | 135.4  | 130.7  | 132.2  | 132.2  | 133.9  | 135.4  |
| 65°   | 84.5   | 84.5   | 84.5   | 86.1   | 84.5   | 84.5   | 84.5   | 86.1   | 87.6   | 86.1   | 90.8   |
| 67.5° | 57.4   | 59.0   | 62.2   | 60.5   | 62.2   | 59.0   | 57.4   | 59.0   | 59.0   | 63.8   | 62.2   |
| 70°   | 46.2   | 41.5   | 41.5   | 46.2   | 41.5   | 41.5   | 46.2   | 43.0   | 41.5   | 44.6   | 43.0   |
| 72.5° | 27.1   | 23.9   | 27.1   | 27.1   | 27.1   | 23.9   | 27.1   | 23.9   | 25.5   | 25.5   | 28.7   |
| 75°   | 14.4   | 12.7   | 11.1   | 15.9   | 11.1   | 12.7   | 14.4   | 14.4   | 14.4   | 14.4   | 15.9   |
| 77.5° | 9.6    | 7.9    | 11.1   | 11.1   | 11.1   | 7.9    | 9.6    | 7.9    | 9.6    | 7.9    | 9.6    |
| 80°   | 4.8    | 6.4    | 4.8    | 7.9    | 4.8    | 6.4    | 4.8    | 7.9    | 4.8    | 6.4    | 6.4    |
| 82.5° | 1.6    | 3.2    | 3.2    | 3.2    | 3.2    | 3.2    | 1.6    | 1.6    | 3.2    | 3.2    | 1.6    |
| 85°   | 0.0    | 3.2    | 1.6    | 1.6    | 1.6    | 3.2    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 87.5° | 1.6    | 0.0    | 0.0    | 1.6    | 0.0    | 0.0    | 1.6    | 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: P249046

CATALOG NUMBER: LD8B60D010 ER8B60940 8LBSW0MW

**CANDELA DISTRIBUTION (continued):**

|       | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°   | 265°   | 270°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 3263.4 | 3263.4 | 3263.4 | 3263.4 | 3263.4 | 3263.4 | 3263.4 | 3263.4 | 3263.4 | 3263.4 | 3263.4 |
| 2.5°  | 3296.8 | 3292.1 | 3293.7 | 3284.1 | 3284.1 | 3280.9 | 3282.5 | 3274.5 | 3271.4 | 3268.2 | 3273.0 |
| 5°    | 3344.7 | 3336.7 | 3330.3 | 3316.0 | 3308.0 | 3298.5 | 3293.7 | 3280.9 | 3269.8 | 3260.2 | 3258.6 |
| 7.5°  | 3382.9 | 3365.4 | 3354.2 | 3335.1 | 3320.8 | 3309.6 | 3293.7 | 3276.1 | 3261.8 | 3249.0 | 3239.5 |
| 10°   | 3398.8 | 3381.3 | 3363.8 | 3339.9 | 3323.9 | 3303.2 | 3287.3 | 3265.0 | 3245.9 | 3228.4 | 3217.2 |
| 12.5° | 3400.4 | 3378.1 | 3362.2 | 3335.1 | 3314.4 | 3292.1 | 3274.5 | 3249.0 | 3226.7 | 3209.2 | 3191.7 |
| 15°   | 3386.1 | 3365.4 | 3346.2 | 3317.6 | 3296.8 | 3276.1 | 3255.5 | 3228.4 | 3207.6 | 3186.9 | 3174.2 |
| 17.5° | 3354.2 | 3335.1 | 3312.8 | 3285.7 | 3266.6 | 3247.5 | 3225.2 | 3202.9 | 3178.9 | 3156.6 | 3140.7 |
| 20°   | 3312.8 | 3292.1 | 3273.0 | 3245.9 | 3229.9 | 3209.2 | 3188.5 | 3164.6 | 3145.5 | 3123.2 | 3105.7 |
| 22.5° | 3250.7 | 3231.5 | 3214.0 | 3198.1 | 3172.6 | 3156.6 | 3142.3 | 3115.2 | 3096.1 | 3075.4 | 3056.3 |
| 25°   | 3161.4 | 3142.3 | 3128.0 | 3108.8 | 3097.7 | 3080.1 | 3065.8 | 3041.9 | 3024.4 | 3005.2 | 2989.3 |
| 27.5° | 3014.8 | 3003.7 | 2995.7 | 2984.5 | 2975.0 | 2967.0 | 2959.1 | 2939.9 | 2927.2 | 2909.7 | 2893.7 |
| 30°   | 2794.9 | 2793.3 | 2788.5 | 2783.8 | 2790.1 | 2790.1 | 2790.1 | 2787.0 | 2775.8 | 2763.0 | 2751.9 |
| 32.5° | 2512.9 | 2516.1 | 2522.4 | 2527.2 | 2540.0 | 2554.3 | 2567.0 | 2573.4 | 2573.4 | 2565.5 | 2560.7 |
| 35°   | 2176.7 | 2181.5 | 2191.0 | 2203.8 | 2219.7 | 2237.2 | 2265.9 | 2272.3 | 2277.0 | 2277.0 | 2270.7 |
| 37.5° | 1827.7 | 1826.1 | 1835.7 | 1846.8 | 1856.4 | 1869.1 | 1889.9 | 1894.6 | 1902.6 | 1899.4 | 1893.0 |
| 40°   | 1488.3 | 1480.3 | 1477.1 | 1480.3 | 1491.5 | 1486.7 | 1491.5 | 1488.3 | 1488.3 | 1477.1 | 1477.1 |
| 42.5° | 1174.4 | 1164.8 | 1158.4 | 1153.7 | 1153.7 | 1142.5 | 1134.5 | 1126.6 | 1121.8 | 1113.8 | 1112.2 |
| 45°   | 905.1  | 893.9  | 886.0  | 882.7  | 878.0  | 863.7  | 854.1  | 844.5  | 833.4  | 830.2  | 831.8  |
| 47.5° | 702.7  | 691.6  | 688.3  | 680.4  | 672.4  | 664.5  | 658.1  | 647.0  | 645.3  | 639.0  | 645.3  |
| 50°   | 541.8  | 538.6  | 533.8  | 530.6  | 525.8  | 519.5  | 513.1  | 506.7  | 503.5  | 503.5  | 505.1  |
| 52.5° | 420.7  | 422.3  | 417.5  | 412.7  | 409.5  | 409.5  | 401.5  | 400.0  | 400.0  | 393.6  | 400.0  |
| 55°   | 321.9  | 320.3  | 321.9  | 318.7  | 318.7  | 313.9  | 313.9  | 309.1  | 309.1  | 304.3  | 307.5  |
| 57.5° | 235.9  | 239.0  | 235.9  | 237.4  | 240.6  | 235.9  | 234.2  | 229.4  | 232.6  | 229.4  | 231.1  |
| 60°   | 183.3  | 183.3  | 183.3  | 181.7  | 181.7  | 180.0  | 180.0  | 178.5  | 178.5  | 175.3  | 178.5  |
| 62.5° | 135.4  | 137.0  | 137.0  | 137.0  | 138.7  | 137.0  | 135.4  | 137.0  | 135.4  | 135.4  | 137.0  |
| 65°   | 89.3   | 90.8   | 90.8   | 89.3   | 92.4   | 89.3   | 90.8   | 92.4   | 94.0   | 92.4   | 94.0   |
| 67.5° | 60.5   | 60.5   | 62.2   | 63.8   | 62.2   | 63.8   | 65.3   | 63.8   | 65.3   | 68.5   | 65.3   |
| 70°   | 44.6   | 46.2   | 46.2   | 44.6   | 43.0   | 44.6   | 43.0   | 47.8   | 47.8   | 47.8   | 51.0   |
| 72.5° | 28.7   | 28.7   | 27.1   | 27.1   | 27.1   | 27.1   | 27.1   | 31.9   | 28.7   | 27.1   | 30.3   |
| 75°   | 15.9   | 17.5   | 17.5   | 12.7   | 14.4   | 17.5   | 12.7   | 14.4   | 19.2   | 15.9   | 19.2   |
| 77.5° | 9.6    | 9.6    | 9.6    | 9.6    | 9.6    | 9.6    | 12.7   | 11.1   | 11.1   | 11.1   | 12.7   |
| 80°   | 7.9    | 6.4    | 6.4    | 4.8    | 6.4    | 6.4    | 6.4    | 9.6    | 7.9    | 7.9    | 9.6    |
| 82.5° | 3.2    | 3.2    | 1.6    | 0.0    | 3.2    | 3.2    | 3.2    | 3.2    | 3.2    | 3.2    | 6.4    |
| 85°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 1.6    | 1.6    | 0.0    |
| 87.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 3.2    | 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: P249046

CATALOG NUMBER: LD8B60D010 ER8B60940 8LBSW0MW

**CANDELA DISTRIBUTION (continued):**

|       | 275°   | 280°   | 285°   | 290°   | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 3263.4 | 3263.4 | 3263.4 | 3263.4 | 3263.4 | 3263.4 | 3263.4 | 3263.4 | 3263.4 | 3263.4 | 3263.4 |
| 2.5°  | 3260.2 | 3260.2 | 3258.6 | 3255.5 | 3249.0 | 3249.0 | 3247.5 | 3242.7 | 3239.5 | 3237.9 | 3237.9 |
| 5°    | 3244.2 | 3237.9 | 3231.5 | 3214.0 | 3214.0 | 3210.8 | 3201.3 | 3194.9 | 3191.7 | 3183.7 | 3180.6 |
| 7.5°  | 3229.9 | 3210.8 | 3199.6 | 3188.5 | 3174.2 | 3167.8 | 3156.6 | 3151.8 | 3140.7 | 3132.7 | 3128.0 |
| 10°   | 3194.9 | 3182.1 | 3167.8 | 3150.3 | 3139.1 | 3126.4 | 3113.6 | 3104.1 | 3089.7 | 3081.7 | 3075.4 |
| 12.5° | 3171.0 | 3151.8 | 3139.1 | 3120.0 | 3100.9 | 3089.7 | 3072.2 | 3061.1 | 3046.7 | 3030.8 | 3021.2 |
| 15°   | 3148.7 | 3128.0 | 3110.4 | 3089.7 | 3069.0 | 3056.3 | 3035.5 | 3022.8 | 3002.1 | 2986.2 | 2975.0 |
| 17.5° | 3115.2 | 3097.7 | 3078.6 | 3053.1 | 3034.0 | 3018.0 | 2995.7 | 2979.8 | 2960.6 | 2939.9 | 2928.8 |
| 20°   | 3080.1 | 3059.4 | 3040.3 | 3014.8 | 2995.7 | 2976.6 | 2954.3 | 2936.8 | 2914.4 | 2895.3 | 2882.6 |
| 22.5° | 3034.0 | 3010.0 | 2994.1 | 2968.6 | 2946.3 | 2925.6 | 2904.9 | 2884.2 | 2863.4 | 2847.5 | 2833.1 |
| 25°   | 2967.0 | 2941.5 | 2924.0 | 2903.3 | 2882.6 | 2866.7 | 2841.1 | 2828.4 | 2807.7 | 2793.3 | 2779.0 |
| 27.5° | 2871.4 | 2852.3 | 2836.4 | 2815.6 | 2798.1 | 2785.4 | 2766.2 | 2753.5 | 2735.9 | 2723.2 | 2712.1 |
| 30°   | 2731.2 | 2715.3 | 2700.9 | 2680.2 | 2667.5 | 2656.3 | 2638.7 | 2627.6 | 2614.9 | 2600.5 | 2597.3 |
| 32.5° | 2543.2 | 2530.4 | 2516.1 | 2501.7 | 2492.1 | 2485.8 | 2471.4 | 2465.1 | 2452.3 | 2444.3 | 2436.4 |
| 35°   | 2259.5 | 2248.4 | 2240.4 | 2234.1 | 2230.8 | 2232.4 | 2229.3 | 2235.6 | 2238.8 | 2237.2 | 2238.8 |
| 37.5° | 1888.3 | 1881.8 | 1885.1 | 1889.9 | 1905.8 | 1926.5 | 1945.6 | 1974.3 | 1993.4 | 2012.6 | 2030.1 |
| 40°   | 1474.0 | 1478.7 | 1491.5 | 1520.1 | 1561.6 | 1607.8 | 1650.8 | 1705.0 | 1759.2 | 1797.4 | 1832.5 |
| 42.5° | 1112.2 | 1126.6 | 1158.4 | 1199.9 | 1262.0 | 1330.5 | 1397.5 | 1477.1 | 1542.5 | 1606.2 | 1650.8 |
| 45°   | 836.6  | 855.7  | 897.1  | 954.5  | 1023.0 | 1102.7 | 1187.1 | 1276.3 | 1354.5 | 1419.8 | 1469.2 |
| 47.5° | 651.7  | 669.3  | 710.7  | 771.2  | 855.7  | 938.6  | 1026.2 | 1118.6 | 1199.9 | 1263.6 | 1306.6 |
| 50°   | 514.7  | 537.0  | 573.6  | 637.4  | 721.9  | 809.5  | 900.3  | 991.1  | 1067.6 | 1121.8 | 1160.1 |
| 52.5° | 404.7  | 425.5  | 460.5  | 527.5  | 613.5  | 701.1  | 785.5  | 874.8  | 941.7  | 994.3  | 1019.8 |
| 55°   | 313.9  | 333.1  | 369.7  | 425.5  | 506.7  | 592.8  | 677.2  | 753.7  | 815.8  | 854.1  | 878.0  |
| 57.5° | 239.0  | 253.4  | 278.9  | 334.6  | 408.0  | 487.6  | 559.3  | 635.8  | 683.6  | 710.7  | 726.6  |
| 60°   | 181.7  | 192.8  | 219.9  | 262.9  | 329.8  | 398.4  | 458.9  | 516.3  | 554.5  | 576.8  | 592.8  |
| 62.5° | 137.0  | 149.8  | 168.9  | 205.6  | 256.5  | 312.3  | 363.3  | 406.3  | 438.2  | 452.6  | 463.7  |
| 65°   | 94.0   | 103.6  | 117.9  | 146.6  | 189.6  | 229.4  | 269.3  | 301.2  | 321.9  | 337.8  | 344.2  |
| 67.5° | 70.1   | 76.5   | 84.5   | 106.8  | 137.0  | 168.9  | 196.0  | 218.3  | 240.6  | 247.0  | 258.2  |
| 70°   | 52.6   | 57.4   | 65.3   | 81.3   | 98.8   | 121.1  | 143.4  | 156.2  | 172.1  | 183.3  | 186.5  |
| 72.5° | 33.4   | 35.0   | 43.0   | 52.6   | 66.9   | 81.3   | 95.6   | 106.8  | 116.4  | 122.7  | 125.9  |
| 75°   | 19.2   | 28.7   | 28.7   | 38.2   | 47.8   | 54.2   | 63.8   | 71.7   | 76.5   | 81.3   | 81.3   |
| 77.5° | 12.7   | 17.5   | 19.2   | 23.9   | 28.7   | 36.7   | 44.6   | 49.4   | 54.2   | 55.7   | 55.7   |
| 80°   | 11.1   | 12.7   | 12.7   | 17.5   | 20.7   | 27.1   | 31.9   | 33.4   | 36.7   | 38.2   | 41.5   |
| 82.5° | 4.8    | 6.4    | 7.9    | 12.7   | 14.4   | 14.4   | 19.2   | 20.7   | 23.9   | 25.5   | 25.5   |
| 85°   | 1.6    | 3.2    | 3.2    | 4.8    | 7.9    | 9.6    | 11.1   | 12.7   | 14.4   | 14.4   | 15.9   |
| 87.5° | 1.6    | 1.6    | 0.0    | 1.6    | 3.2    | 3.2    | 6.4    | 6.4    | 6.4    | 9.6    | 9.6    |
| 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: P249046

CATALOG NUMBER: LD8B60D010 ER8B60940 8LBSW0MW

**CANDELA DISTRIBUTION (continued):**

|       | 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|-------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 3263.4 | 3263.4 | 3263.4 | 3263.4 | 3263.4 | 3263.4 | 3263.4 |
| 2.5°  | 3234.7 | 3236.3 | 3229.9 | 3228.4 | 3225.2 | 3226.7 | 3229.9 |
| 5°    | 3175.8 | 3177.3 | 3171.0 | 3164.6 | 3164.6 | 3163.0 | 3164.6 |
| 7.5°  | 3120.0 | 3121.6 | 3112.0 | 3108.8 | 3102.4 | 3104.1 | 3104.1 |
| 10°   | 3064.2 | 3064.2 | 3049.9 | 3048.3 | 3043.5 | 3041.9 | 3041.9 |
| 12.5° | 3010.0 | 3005.2 | 2994.1 | 2987.7 | 2990.9 | 2981.4 | 2981.4 |
| 15°   | 2962.2 | 2954.3 | 2939.9 | 2935.1 | 2927.2 | 2924.0 | 2924.0 |
| 17.5° | 2912.8 | 2906.5 | 2893.7 | 2884.2 | 2874.6 | 2873.0 | 2874.6 |
| 20°   | 2865.0 | 2858.7 | 2842.7 | 2836.4 | 2828.4 | 2828.4 | 2825.2 |
| 22.5° | 2817.2 | 2810.8 | 2796.5 | 2791.8 | 2780.6 | 2780.6 | 2782.2 |
| 25°   | 2767.8 | 2763.0 | 2747.1 | 2743.9 | 2742.4 | 2735.9 | 2739.2 |
| 27.5° | 2700.9 | 2697.7 | 2685.0 | 2680.2 | 2673.8 | 2672.3 | 2675.4 |
| 30°   | 2578.2 | 2573.4 | 2563.9 | 2559.1 | 2548.0 | 2549.5 | 2552.7 |
| 32.5° | 2425.2 | 2418.9 | 2406.1 | 2401.3 | 2391.8 | 2388.6 | 2390.2 |
| 35°   | 2234.1 | 2229.3 | 2218.1 | 2218.1 | 2208.5 | 2205.3 | 2208.5 |
| 37.5° | 2039.7 | 2044.4 | 2039.7 | 2044.4 | 2039.7 | 2038.0 | 2039.7 |
| 40°   | 1856.4 | 1873.9 | 1877.1 | 1894.6 | 1888.3 | 1897.8 | 1896.2 |
| 42.5° | 1681.1 | 1709.7 | 1721.0 | 1735.3 | 1732.1 | 1738.5 | 1743.3 |
| 45°   | 1504.2 | 1528.1 | 1539.3 | 1548.9 | 1550.4 | 1553.6 | 1555.2 |
| 47.5° | 1336.9 | 1356.0 | 1357.6 | 1368.8 | 1367.2 | 1367.2 | 1372.0 |
| 50°   | 1180.8 | 1193.5 | 1196.7 | 1204.7 | 1198.3 | 1195.1 | 1196.7 |
| 52.5° | 1035.8 | 1048.5 | 1045.3 | 1048.5 | 1040.6 | 1037.3 | 1038.9 |
| 55°   | 887.5  | 893.9  | 893.9  | 893.9  | 884.4  | 884.4  | 884.4  |
| 57.5° | 736.2  | 737.8  | 734.6  | 736.2  | 734.6  | 725.0  | 723.4  |
| 60°   | 597.6  | 597.6  | 595.9  | 597.6  | 592.8  | 588.0  | 588.0  |
| 62.5° | 466.9  | 470.1  | 476.4  | 470.1  | 466.9  | 470.1  | 465.3  |
| 65°   | 349.0  | 355.4  | 353.7  | 356.9  | 355.4  | 355.4  | 352.1  |
| 67.5° | 262.9  | 264.5  | 266.1  | 267.7  | 267.7  | 267.7  | 267.7  |
| 70°   | 192.8  | 197.6  | 196.0  | 196.0  | 196.0  | 196.0  | 205.6  |
| 72.5° | 129.1  | 135.4  | 133.9  | 137.0  | 137.0  | 140.2  | 137.0  |
| 75°   | 87.6   | 94.0   | 90.8   | 95.6   | 94.0   | 90.8   | 98.8   |
| 77.5° | 59.0   | 62.2   | 63.8   | 65.3   | 63.8   | 62.2   | 63.8   |
| 80°   | 41.5   | 44.6   | 43.0   | 44.6   | 44.6   | 44.6   | 46.2   |
| 82.5° | 25.5   | 30.3   | 28.7   | 30.3   | 28.7   | 30.3   | 30.3   |
| 85°   | 17.5   | 19.2   | 15.9   | 19.2   | 17.5   | 17.5   | 20.7   |
| 87.5° | 11.1   | 9.6    | 9.6    | 11.1   | 9.6    | 11.1   | 9.6    |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

(END OF REPORT)