

Scaled data based on original data using

LM-41-14 Approved Method for Photometric Testing Of Indoor Fluorescent Luminaires

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: io LED

Report Number: P212839

Luminaire Tested: **LD6B50D010TE EU6B30508050 6LBSWLI1**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-41-14  
Report Number: P212839  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29203)  
Test Lab: INNOVATION CENTER-P2  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: io LED  
Catalog Number: LD6B50D010TE EU6B30508050 6LBSWL11  
Description: PORTFOLIO 6 INCH SINGLE WALLWASH RECESSED DOWNLIGHT, WITH SPECULAR CLEAR TRIM  
Light Source: (1) HIGH LUMEN LED 80CRI / 5000K CCT  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 5287.4 lumens  
Efficiency: N/A  
Efficacy: 90.0 lumens/watt  
Spacing Criteria (0/90/45): 1.2 / 1.24 / 1.18  
Luminous Opening: Circular (Dia: 0.5' x H: 0')  
CIE Type: Direct

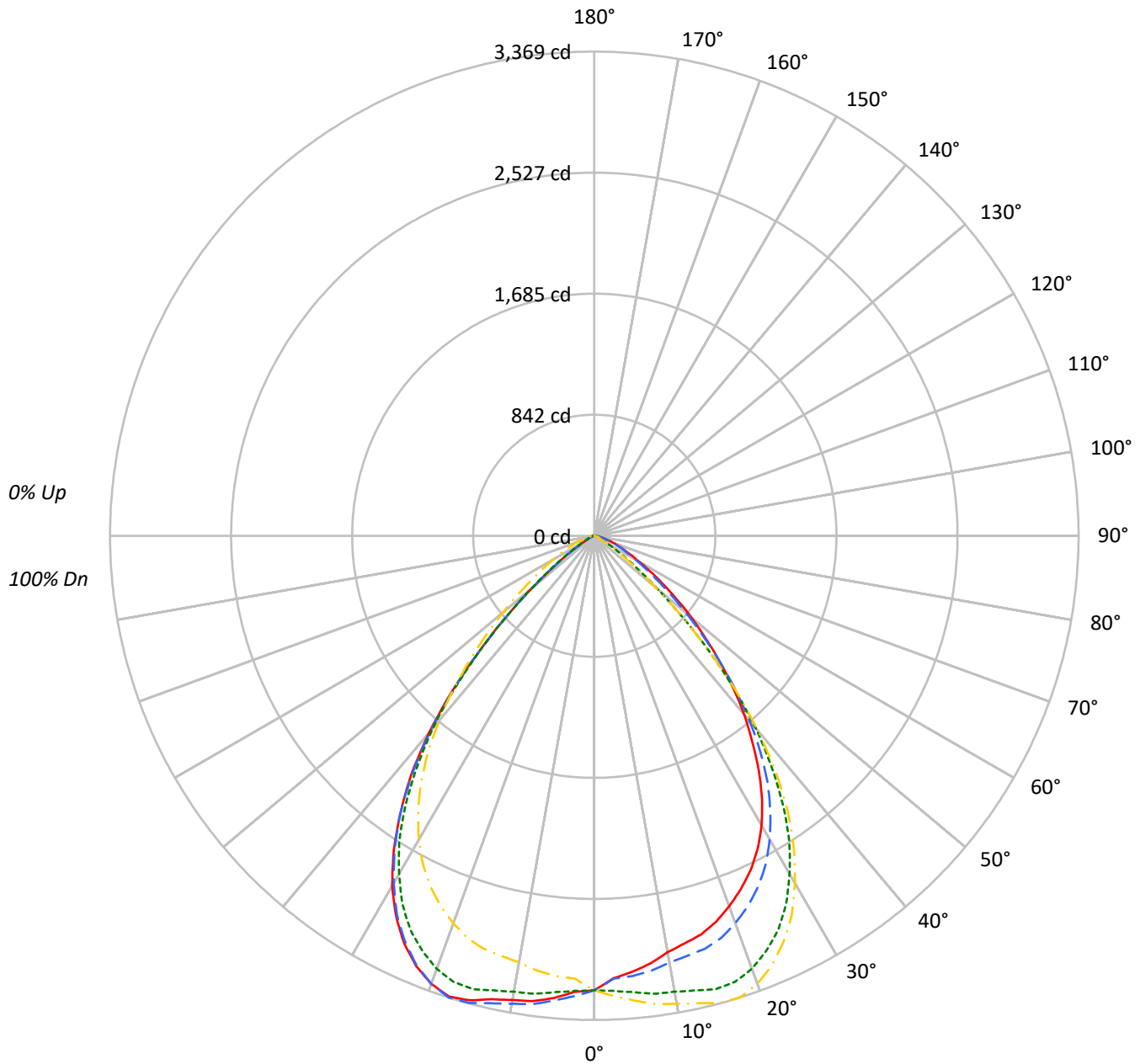
Input Watts (W): 58.77  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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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  |
| RW  | 70  | 50  | 30  | 10  | 70  | 50  | 30  | 10  | 50  | 30  | 10  |  | 50  | 30  | 10  |  | 50  |
| RCR |     |     |     |     |     |     |     |     |     |     |     |  |     |     |     |  |     |
| 0   | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 |  | 106 | 106 | 106 |  | 102 |
| 1   | 112 | 109 | 106 | 103 | 110 | 107 | 104 | 102 | 103 | 100 | 98  |  | 99  | 97  | 96  |  | 95  |
| 2   | 105 | 99  | 94  | 90  | 103 | 97  | 93  | 89  | 94  | 90  | 87  |  | 91  | 88  | 85  |  | 88  |
| 3   | 98  | 91  | 84  | 80  | 96  | 89  | 84  | 79  | 86  | 82  | 78  |  | 84  | 80  | 76  |  | 81  |
| 4   | 92  | 83  | 76  | 71  | 90  | 82  | 75  | 70  | 79  | 74  | 70  |  | 77  | 73  | 69  |  | 75  |
| 5   | 86  | 76  | 69  | 64  | 84  | 75  | 68  | 63  | 73  | 67  | 63  |  | 71  | 66  | 62  |  | 70  |
| 6   | 81  | 70  | 63  | 57  | 79  | 69  | 62  | 57  | 67  | 61  | 57  |  | 66  | 60  | 56  |  | 64  |
| 7   | 76  | 64  | 57  | 52  | 74  | 64  | 57  | 52  | 62  | 56  | 52  |  | 61  | 56  | 51  |  | 60  |
| 8   | 71  | 60  | 53  | 48  | 70  | 59  | 52  | 48  | 58  | 52  | 47  |  | 57  | 51  | 47  |  | 56  |
| 9   | 67  | 55  | 48  | 44  | 66  | 55  | 48  | 44  | 54  | 48  | 43  |  | 53  | 47  | 43  |  | 52  |
| 10  | 63  | 52  | 45  | 40  | 62  | 51  | 45  | 40  | 50  | 44  | 40  |  | 49  | 44  | 40  |  | 49  |

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

|     | 0°     | 90°    | 180°   | 270°   |
|-----|--------|--------|--------|--------|
| 0°  | 173369 | 173369 | 173369 | 173369 |
| 5°  | 167543 | 175445 | 177674 | 175445 |
| 10° | 163747 | 179322 | 182601 | 179322 |
| 15° | 162975 | 185330 | 189927 | 185330 |
| 20° | 160011 | 187068 | 193514 | 187068 |
| 25° | 155434 | 183047 | 189283 | 183047 |
| 30° | 147282 | 171988 | 178046 | 171988 |
| 35° | 133538 | 153247 | 157437 | 153247 |
| 40° | 115924 | 124884 | 128040 | 124884 |
| 45° | 95049  | 86195  | 86769  | 86195  |
| 50° | 74727  | 48357  | 47410  | 48357  |
| 55° | 55243  | 23923  | 21466  | 23923  |
| 60° | 39153  | 10493  | 7664   | 10493  |
| 65° | 29134  | 6680   | 4774   | 6680   |
| 70° | 21238  | 5305   | 3542   | 5305   |
| 75° | 15589  | 3897   | 2330   | 3897   |
| 80° | 10450  | 3473   | 1168   | 3473   |
| 85° | 6919   | 2327   | 2327   | 2327   |



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 302.7  | 5.7       |
| 10°-20°   | 896.7  | 17.0      |
| 20°-30°   | 1338.1 | 25.3      |
| 30°-40°   | 1374.8 | 26.0      |
| 40°-50°   | 890.3  | 16.8      |
| 50°-60°   | 331.0  | 6.3       |
| 60°-70°   | 108.6  | 2.1       |
| 70°-80°   | 38.3   | 0.7       |
| 80°-90°   | 6.9    | 0.1       |
| 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°    | 2537.5 | 48.0      |
| 0°-40°    | 3912.3 | 74.0      |
| 0°-60°    | 5133.6 | 97.1      |
| 0°-90°    | 5287.4 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 5287.4 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 90°  | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0°  | 3162 | 3162 | 3162 | 3162 | 3162 |      |
| 5°  | 3045 | 3188 | 3229 | 3188 | 3045 | 288  |
| 15° | 2872 | 3266 | 3346 | 3266 | 2872 | 808  |
| 25° | 2570 | 3026 | 3129 | 3026 | 2570 | 1178 |
| 35° | 1995 | 2290 | 2352 | 2290 | 1995 | 1239 |
| 45° | 1226 | 1112 | 1119 | 1112 | 1226 | 948  |
| 55° | 578  | 250  | 225  | 250  | 578  | 527  |
| 65° | 225  | 52   | 37   | 52   | 225  | 228  |
| 75° | 74   | 18   | 11   | 18   | 74   | 81   |
| 85° | 11   | 4    | 4    | 4    | 11   | 15   |
| 90° | 0    | 0    | 0    | 0    | 0    |      |



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**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 10°    | 15°    | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 3162.5 | 3162.5 | 3162.5 | 3162.5 | 3162.5 | 3162.5 | 3162.5 | 3162.5 | 3162.5 | 3162.5 | 3162.5 |
| 2.5°  | 3081.5 | 3125.6 | 3096.2 | 3114.6 | 3085.1 | 3085.1 | 3144.0 | 3110.9 | 3136.7 | 3110.9 | 3085.1 |
| 5°    | 3044.6 | 3099.9 | 3063.1 | 3081.5 | 3055.7 | 3059.4 | 3114.6 | 3088.8 | 3114.6 | 3096.2 | 3074.1 |
| 7.5°  | 3000.5 | 3055.7 | 3022.6 | 3041.0 | 3015.2 | 3022.6 | 3081.5 | 3055.7 | 3085.1 | 3066.7 | 3052.0 |
| 10°   | 2941.6 | 3000.5 | 2971.0 | 2989.4 | 2967.3 | 2971.0 | 3029.9 | 3011.5 | 3037.3 | 3026.2 | 3015.2 |
| 12.5° | 2904.7 | 2960.0 | 2926.8 | 2945.2 | 2930.5 | 2937.9 | 2993.1 | 2978.4 | 3011.5 | 3000.5 | 2993.1 |
| 15°   | 2871.6 | 2923.2 | 2893.7 | 2912.1 | 2901.1 | 2904.7 | 2963.6 | 2948.9 | 2985.7 | 2978.4 | 2974.7 |
| 17.5° | 2816.4 | 2871.6 | 2838.5 | 2860.6 | 2849.5 | 2853.2 | 2912.1 | 2901.1 | 2937.9 | 2937.9 | 2934.2 |
| 20°   | 2742.8 | 2798.0 | 2772.2 | 2786.9 | 2779.6 | 2786.9 | 2838.5 | 2831.1 | 2867.9 | 2867.9 | 2867.9 |
| 22.5° | 2661.8 | 2717.0 | 2687.5 | 2702.3 | 2694.9 | 2705.9 | 2753.8 | 2753.8 | 2783.3 | 2786.9 | 2790.6 |
| 25°   | 2569.7 | 2624.9 | 2595.5 | 2613.9 | 2606.5 | 2613.9 | 2658.1 | 2661.8 | 2687.5 | 2687.5 | 2694.9 |
| 27.5° | 2459.3 | 2514.5 | 2485.0 | 2499.8 | 2496.1 | 2499.8 | 2547.6 | 2555.0 | 2569.7 | 2573.4 | 2580.8 |
| 30°   | 2326.7 | 2378.3 | 2348.8 | 2363.6 | 2363.6 | 2363.6 | 2411.4 | 2415.1 | 2429.8 | 2433.5 | 2440.9 |
| 32.5° | 2172.1 | 2216.3 | 2194.2 | 2208.9 | 2205.2 | 2212.6 | 2245.7 | 2260.5 | 2278.9 | 2275.2 | 2278.9 |
| 35°   | 1995.4 | 2043.3 | 2021.2 | 2032.2 | 2035.9 | 2046.9 | 2069.0 | 2087.4 | 2091.1 | 2094.8 | 2102.2 |
| 37.5° | 1804.0 | 1851.8 | 1829.7 | 1840.8 | 1844.5 | 1866.5 | 1873.9 | 1892.3 | 1899.7 | 1899.7 | 1899.7 |
| 40°   | 1619.9 | 1642.0 | 1623.6 | 1634.6 | 1638.3 | 1656.7 | 1664.1 | 1678.8 | 1686.2 | 1682.5 | 1678.8 |
| 42.5° | 1421.1 | 1439.5 | 1421.1 | 1432.1 | 1432.1 | 1446.8 | 1450.5 | 1468.9 | 1468.9 | 1461.6 | 1450.5 |
| 45°   | 1226.0 | 1244.4 | 1226.0 | 1233.3 | 1233.3 | 1248.0 | 1248.0 | 1248.0 | 1255.4 | 1244.4 | 1226.0 |
| 47.5° | 1041.9 | 1060.3 | 1041.9 | 1049.2 | 1045.6 | 1056.6 | 1052.9 | 1056.6 | 1045.6 | 1038.2 | 1016.1 |
| 50°   | 876.2  | 883.6  | 876.2  | 872.5  | 876.2  | 883.6  | 879.9  | 879.9  | 865.2  | 854.1  | 828.3  |
| 52.5° | 714.2  | 725.3  | 714.2  | 714.2  | 714.2  | 721.6  | 721.6  | 717.9  | 703.2  | 688.5  | 662.7  |
| 55°   | 578.0  | 585.4  | 581.7  | 578.0  | 578.0  | 585.4  | 578.0  | 578.0  | 563.3  | 552.2  | 526.5  |
| 57.5° | 460.2  | 463.9  | 460.2  | 460.2  | 460.2  | 463.9  | 463.9  | 456.5  | 445.5  | 434.4  | 416.0  |
| 60°   | 357.1  | 360.8  | 360.8  | 357.1  | 357.1  | 364.5  | 364.5  | 360.8  | 349.7  | 342.4  | 324.0  |
| 62.5° | 283.5  | 283.5  | 283.5  | 283.5  | 283.5  | 287.2  | 287.2  | 287.2  | 279.8  | 272.4  | 257.7  |
| 65°   | 224.6  | 228.3  | 224.6  | 224.6  | 228.3  | 231.9  | 228.3  | 231.9  | 224.6  | 220.9  | 209.8  |
| 67.5° | 173.0  | 176.7  | 173.0  | 176.7  | 176.7  | 180.4  | 176.7  | 180.4  | 173.0  | 169.4  | 162.0  |
| 70°   | 132.5  | 132.5  | 132.5  | 132.5  | 132.5  | 136.2  | 132.5  | 136.2  | 132.5  | 128.9  | 121.5  |
| 72.5° | 99.4   | 99.4   | 103.1  | 103.1  | 99.4   | 103.1  | 99.4   | 99.4   | 99.4   | 95.7   | 92.0   |
| 75°   | 73.6   | 73.6   | 77.3   | 73.6   | 73.6   | 73.6   | 73.6   | 73.6   | 69.9   | 69.9   | 66.3   |
| 77.5° | 51.5   | 51.5   | 51.5   | 51.5   | 51.5   | 51.5   | 51.5   | 51.5   | 47.9   | 47.9   | 44.2   |
| 80°   | 33.1   | 33.1   | 33.1   | 33.1   | 33.1   | 33.1   | 33.1   | 33.1   | 33.1   | 29.5   | 29.5   |
| 82.5° | 22.1   | 22.1   | 22.1   | 22.1   | 22.1   | 22.1   | 22.1   | 22.1   | 22.1   | 18.4   | 18.4   |
| 85°   | 11.0   | 11.0   | 11.0   | 14.7   | 11.0   | 11.0   | 11.0   | 11.0   | 11.0   | 11.0   | 11.0   |
| 87.5° | 3.7    | 3.7    | 3.7    | 7.4    | 3.7    | 3.7    | 7.4    | 7.4    | 3.7    | 3.7    | 3.7    |
| 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):**

|       | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 3162.5 | 3162.5 | 3162.5 | 3162.5 | 3162.5 | 3162.5 | 3162.5 | 3162.5 | 3162.5 | 3162.5 | 3162.5 |
| 2.5°  | 3114.6 | 3125.6 | 3125.6 | 3114.6 | 3140.4 | 3118.3 | 3162.5 | 3122.0 | 3133.0 | 3169.8 | 3166.1 |
| 5°    | 3103.5 | 3118.3 | 3122.0 | 3114.6 | 3147.7 | 3129.3 | 3173.5 | 3133.0 | 3151.4 | 3188.2 | 3188.2 |
| 7.5°  | 3088.8 | 3107.2 | 3114.6 | 3122.0 | 3151.4 | 3133.0 | 3184.5 | 3144.0 | 3169.8 | 3214.0 | 3210.3 |
| 10°   | 3055.7 | 3081.5 | 3096.2 | 3107.2 | 3136.7 | 3125.6 | 3180.9 | 3147.7 | 3169.8 | 3221.4 | 3217.7 |
| 12.5° | 3037.3 | 3066.7 | 3088.8 | 3107.2 | 3140.4 | 3133.0 | 3188.2 | 3158.8 | 3188.2 | 3239.8 | 3239.8 |
| 15°   | 3022.6 | 3055.7 | 3081.5 | 3114.6 | 3147.7 | 3140.4 | 3199.3 | 3173.5 | 3202.9 | 3265.5 | 3261.9 |
| 17.5° | 2985.7 | 3026.2 | 3052.0 | 3088.8 | 3122.0 | 3118.3 | 3180.9 | 3162.5 | 3195.6 | 3254.5 | 3258.2 |
| 20°   | 2923.2 | 2960.0 | 2989.4 | 3033.6 | 3070.4 | 3063.1 | 3129.3 | 3110.9 | 3144.0 | 3206.6 | 3210.3 |
| 22.5° | 2842.2 | 2879.0 | 2908.4 | 2956.3 | 2989.4 | 2985.7 | 3052.0 | 3033.6 | 3066.7 | 3125.6 | 3129.3 |
| 25°   | 2746.4 | 2779.6 | 2809.0 | 2853.2 | 2890.0 | 2890.0 | 2948.9 | 2930.5 | 2967.3 | 3026.2 | 3026.2 |
| 27.5° | 2628.6 | 2658.1 | 2683.9 | 2735.4 | 2764.8 | 2764.8 | 2820.1 | 2801.7 | 2838.5 | 2890.0 | 2886.3 |
| 30°   | 2485.0 | 2510.8 | 2532.9 | 2577.1 | 2602.9 | 2606.5 | 2654.4 | 2636.0 | 2672.8 | 2717.0 | 2717.0 |
| 32.5° | 2312.0 | 2337.8 | 2352.5 | 2407.7 | 2426.1 | 2422.5 | 2459.3 | 2440.9 | 2477.7 | 2525.5 | 2514.5 |
| 35°   | 2127.9 | 2139.0 | 2150.0 | 2205.2 | 2212.6 | 2197.9 | 2234.7 | 2216.3 | 2242.1 | 2289.9 | 2282.6 |
| 37.5° | 1918.1 | 1921.8 | 1921.8 | 1969.6 | 1973.3 | 1962.3 | 1984.4 | 1962.3 | 1980.7 | 2024.9 | 2021.2 |
| 40°   | 1686.2 | 1682.5 | 1678.8 | 1715.6 | 1711.9 | 1689.8 | 1704.6 | 1686.2 | 1711.9 | 1745.1 | 1726.6 |
| 42.5° | 1450.5 | 1439.5 | 1424.8 | 1443.2 | 1428.4 | 1410.0 | 1417.4 | 1387.9 | 1406.4 | 1432.1 | 1410.0 |
| 45°   | 1218.6 | 1196.5 | 1167.1 | 1170.7 | 1152.3 | 1130.2 | 1119.2 | 1089.7 | 1086.1 | 1111.8 | 1093.4 |
| 47.5° | 1001.4 | 957.2  | 931.4  | 916.7  | 887.3  | 868.8  | 846.8  | 813.6  | 798.9  | 813.6  | 795.2  |
| 50°   | 806.3  | 762.1  | 728.9  | 695.8  | 666.4  | 644.3  | 607.5  | 585.4  | 563.3  | 567.0  | 552.2  |
| 52.5° | 636.9  | 607.5  | 552.2  | 526.5  | 497.0  | 471.2  | 438.1  | 412.3  | 386.6  | 386.6  | 371.8  |
| 55°   | 504.4  | 463.9  | 427.1  | 390.2  | 360.8  | 338.7  | 305.6  | 279.8  | 254.0  | 250.3  | 235.6  |
| 57.5° | 390.2  | 360.8  | 320.3  | 283.5  | 265.1  | 243.0  | 209.8  | 180.4  | 165.7  | 154.6  | 143.6  |
| 60°   | 301.9  | 272.4  | 239.3  | 209.8  | 187.8  | 173.0  | 139.9  | 117.8  | 103.1  | 95.7   | 84.7   |
| 62.5° | 243.0  | 217.2  | 187.8  | 158.3  | 143.6  | 128.9  | 103.1  | 84.7   | 69.9   | 62.6   | 55.2   |
| 65°   | 195.1  | 173.0  | 150.9  | 128.9  | 117.8  | 103.1  | 84.7   | 69.9   | 58.9   | 51.5   | 44.2   |
| 67.5° | 150.9  | 136.2  | 117.8  | 103.1  | 92.0   | 81.0   | 66.3   | 55.2   | 47.9   | 40.5   | 36.8   |
| 70°   | 114.1  | 103.1  | 92.0   | 77.3   | 69.9   | 62.6   | 51.5   | 40.5   | 36.8   | 33.1   | 29.5   |
| 72.5° | 88.4   | 77.3   | 66.3   | 58.9   | 51.5   | 47.9   | 40.5   | 33.1   | 29.5   | 25.8   | 22.1   |
| 75°   | 58.9   | 55.2   | 47.9   | 40.5   | 36.8   | 33.1   | 29.5   | 25.8   | 22.1   | 18.4   | 18.4   |
| 77.5° | 40.5   | 36.8   | 33.1   | 29.5   | 25.8   | 25.8   | 22.1   | 18.4   | 14.7   | 14.7   | 11.0   |
| 80°   | 25.8   | 22.1   | 22.1   | 18.4   | 18.4   | 18.4   | 14.7   | 11.0   | 11.0   | 11.0   | 7.4    |
| 82.5° | 18.4   | 14.7   | 14.7   | 11.0   | 11.0   | 11.0   | 11.0   | 7.4    | 7.4    | 7.4    | 3.7    |
| 85°   | 11.0   | 7.4    | 7.4    | 7.4    | 7.4    | 7.4    | 7.4    | 3.7    | 3.7    | 3.7    | 3.7    |
| 87.5° | 3.7    | 3.7    | 3.7    | 3.7    | 3.7    | 3.7    | 3.7    | 3.7    | 3.7    | 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    |



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**CANDELA DISTRIBUTION (continued):**

|       | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 3162.5 | 3162.5 | 3162.5 | 3162.5 | 3162.5 | 3162.5 | 3162.5 | 3162.5 | 3162.5 | 3162.5 | 3162.5 |
| 2.5°  | 3136.7 | 3169.8 | 3169.8 | 3199.3 | 3202.9 | 3195.6 | 3162.5 | 3162.5 | 3206.6 | 3232.4 | 3188.2 |
| 5°    | 3166.1 | 3199.3 | 3199.3 | 3228.7 | 3243.4 | 3232.4 | 3199.3 | 3202.9 | 3247.1 | 3276.6 | 3232.4 |
| 7.5°  | 3191.9 | 3225.0 | 3232.4 | 3265.5 | 3276.6 | 3265.5 | 3232.4 | 3239.8 | 3287.6 | 3313.4 | 3269.2 |
| 10°   | 3202.9 | 3236.1 | 3239.8 | 3276.6 | 3291.3 | 3276.6 | 3250.8 | 3254.5 | 3306.0 | 3324.4 | 3283.9 |
| 12.5° | 3228.7 | 3261.9 | 3261.9 | 3302.4 | 3317.1 | 3306.0 | 3272.9 | 3280.3 | 3331.8 | 3350.2 | 3309.7 |
| 15°   | 3254.5 | 3287.6 | 3287.6 | 3331.8 | 3350.2 | 3335.5 | 3309.7 | 3313.4 | 3364.9 | 3383.3 | 3350.2 |
| 17.5° | 3254.5 | 3283.9 | 3283.9 | 3331.8 | 3350.2 | 3339.2 | 3309.7 | 3313.4 | 3368.6 | 3383.3 | 3350.2 |
| 20°   | 3206.6 | 3239.8 | 3232.4 | 3280.3 | 3298.7 | 3287.6 | 3261.9 | 3261.9 | 3317.1 | 3331.8 | 3298.7 |
| 22.5° | 3129.3 | 3158.8 | 3151.4 | 3195.6 | 3217.7 | 3202.9 | 3180.9 | 3177.2 | 3232.4 | 3247.1 | 3214.0 |
| 25°   | 3022.6 | 3052.0 | 3044.6 | 3088.8 | 3110.9 | 3092.5 | 3066.7 | 3070.4 | 3114.6 | 3136.7 | 3107.2 |
| 27.5° | 2897.4 | 2915.8 | 2904.7 | 2948.9 | 2971.0 | 2952.6 | 2926.8 | 2930.5 | 2974.7 | 2989.4 | 2967.3 |
| 30°   | 2728.0 | 2742.8 | 2731.7 | 2768.5 | 2783.3 | 2772.2 | 2750.1 | 2750.1 | 2790.6 | 2809.0 | 2786.9 |
| 32.5° | 2525.5 | 2536.6 | 2525.5 | 2555.0 | 2584.4 | 2562.4 | 2540.3 | 2540.3 | 2584.4 | 2599.2 | 2573.4 |
| 35°   | 2289.9 | 2301.0 | 2293.6 | 2323.1 | 2345.1 | 2315.7 | 2297.3 | 2289.9 | 2348.8 | 2341.5 | 2326.7 |
| 37.5° | 2028.5 | 2035.9 | 2013.8 | 2065.4 | 2076.4 | 2043.3 | 2028.5 | 2021.2 | 2072.7 | 2069.0 | 2054.3 |
| 40°   | 1734.0 | 1741.4 | 1726.6 | 1763.5 | 1767.1 | 1741.4 | 1730.3 | 1719.3 | 1770.8 | 1767.1 | 1756.1 |
| 42.5° | 1421.1 | 1424.8 | 1406.4 | 1435.8 | 1443.2 | 1417.4 | 1413.7 | 1399.0 | 1446.8 | 1439.5 | 1435.8 |
| 45°   | 1097.1 | 1097.1 | 1082.4 | 1104.5 | 1111.8 | 1089.7 | 1082.4 | 1078.7 | 1111.8 | 1111.8 | 1104.5 |
| 47.5° | 795.2  | 784.2  | 765.8  | 798.9  | 802.6  | 787.9  | 784.2  | 773.1  | 806.3  | 806.3  | 798.9  |
| 50°   | 544.9  | 541.2  | 537.5  | 544.9  | 548.6  | 530.1  | 541.2  | 530.1  | 548.6  | 548.6  | 548.6  |
| 52.5° | 364.5  | 360.8  | 353.4  | 360.8  | 360.8  | 349.7  | 349.7  | 346.1  | 360.8  | 360.8  | 353.4  |
| 55°   | 228.3  | 224.6  | 220.9  | 224.6  | 224.6  | 213.5  | 220.9  | 213.5  | 220.9  | 220.9  | 217.2  |
| 57.5° | 139.9  | 132.5  | 132.5  | 128.9  | 128.9  | 121.5  | 125.2  | 125.2  | 125.2  | 125.2  | 125.2  |
| 60°   | 81.0   | 77.3   | 73.6   | 73.6   | 73.6   | 69.9   | 69.9   | 69.9   | 69.9   | 69.9   | 69.9   |
| 62.5° | 51.5   | 51.5   | 47.9   | 47.9   | 47.9   | 47.9   | 47.9   | 44.2   | 47.9   | 47.9   | 47.9   |
| 65°   | 44.2   | 40.5   | 40.5   | 40.5   | 40.5   | 36.8   | 36.8   | 36.8   | 36.8   | 36.8   | 36.8   |
| 67.5° | 36.8   | 33.1   | 33.1   | 33.1   | 33.1   | 29.5   | 29.5   | 29.5   | 29.5   | 29.5   | 29.5   |
| 70°   | 29.5   | 25.8   | 25.8   | 25.8   | 25.8   | 25.8   | 22.1   | 25.8   | 25.8   | 22.1   | 22.1   |
| 72.5° | 22.1   | 22.1   | 18.4   | 18.4   | 18.4   | 18.4   | 18.4   | 18.4   | 18.4   | 18.4   | 18.4   |
| 75°   | 14.7   | 14.7   | 14.7   | 14.7   | 14.7   | 11.0   | 11.0   | 11.0   | 11.0   | 11.0   | 11.0   |
| 77.5° | 11.0   | 11.0   | 7.4    | 7.4    | 7.4    | 7.4    | 7.4    | 7.4    | 7.4    | 7.4    | 7.4    |
| 80°   | 7.4    | 7.4    | 7.4    | 7.4    | 7.4    | 3.7    | 3.7    | 3.7    | 3.7    | 3.7    | 3.7    |
| 82.5° | 3.7    | 3.7    | 3.7    | 3.7    | 3.7    | 3.7    | 3.7    | 3.7    | 3.7    | 3.7    | 3.7    |
| 85°   | 3.7    | 3.7    | 3.7    | 3.7    | 3.7    | 0.0    | 3.7    | 0.0    | 3.7    | 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: P212839

CATALOG NUMBER: LD6B50D010TE EU6B30508050 6LBSWL11

**CANDELA DISTRIBUTION (continued):**

|       | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 3162.5 | 3162.5 | 3162.5 | 3162.5 | 3162.5 | 3162.5 | 3162.5 | 3162.5 | 3162.5 | 3162.5 | 3162.5 |
| 2.5°  | 3239.8 | 3202.9 | 3184.5 | 3221.4 | 3236.1 | 3217.7 | 3202.9 | 3177.2 | 3202.9 | 3217.7 | 3236.1 |
| 5°    | 3283.9 | 3250.8 | 3236.1 | 3261.9 | 3283.9 | 3265.5 | 3254.5 | 3228.7 | 3254.5 | 3265.5 | 3283.9 |
| 7.5°  | 3324.4 | 3291.3 | 3272.9 | 3298.7 | 3324.4 | 3298.7 | 3287.6 | 3265.5 | 3287.6 | 3298.7 | 3324.4 |
| 10°   | 3339.2 | 3302.4 | 3287.6 | 3309.7 | 3335.5 | 3309.7 | 3295.0 | 3280.3 | 3295.0 | 3309.7 | 3335.5 |
| 12.5° | 3364.9 | 3328.1 | 3309.7 | 3328.1 | 3353.9 | 3328.1 | 3313.4 | 3302.4 | 3313.4 | 3328.1 | 3353.9 |
| 15°   | 3401.8 | 3368.6 | 3346.5 | 3364.9 | 3398.1 | 3368.6 | 3350.2 | 3346.5 | 3350.2 | 3368.6 | 3398.1 |
| 17.5° | 3401.8 | 3376.0 | 3353.9 | 3368.6 | 3401.8 | 3379.7 | 3353.9 | 3361.3 | 3353.9 | 3379.7 | 3401.8 |
| 20°   | 3353.9 | 3328.1 | 3309.7 | 3309.7 | 3357.6 | 3328.1 | 3306.0 | 3317.1 | 3306.0 | 3328.1 | 3357.6 |
| 22.5° | 3269.2 | 3247.1 | 3228.7 | 3225.0 | 3272.9 | 3247.1 | 3217.7 | 3239.8 | 3217.7 | 3247.1 | 3272.9 |
| 25°   | 3158.8 | 3136.7 | 3122.0 | 3114.6 | 3162.5 | 3133.0 | 3107.2 | 3129.3 | 3107.2 | 3133.0 | 3162.5 |
| 27.5° | 3015.2 | 2996.8 | 2982.1 | 2971.0 | 3015.2 | 2989.4 | 2963.6 | 2985.7 | 2963.6 | 2989.4 | 3015.2 |
| 30°   | 2831.1 | 2820.1 | 2805.3 | 2790.6 | 2834.8 | 2809.0 | 2783.3 | 2812.7 | 2783.3 | 2809.0 | 2834.8 |
| 32.5° | 2617.6 | 2610.2 | 2591.8 | 2577.1 | 2621.3 | 2591.8 | 2573.4 | 2595.5 | 2573.4 | 2591.8 | 2621.3 |
| 35°   | 2370.9 | 2359.9 | 2348.8 | 2323.1 | 2370.9 | 2345.1 | 2345.1 | 2352.5 | 2345.1 | 2345.1 | 2370.9 |
| 37.5° | 2094.8 | 2087.4 | 2072.7 | 2050.6 | 2091.1 | 2072.7 | 2065.4 | 2087.4 | 2065.4 | 2072.7 | 2091.1 |
| 40°   | 1785.6 | 1781.9 | 1770.8 | 1745.1 | 1789.2 | 1770.8 | 1759.8 | 1789.2 | 1759.8 | 1770.8 | 1789.2 |
| 42.5° | 1461.6 | 1454.2 | 1443.2 | 1439.5 | 1461.6 | 1446.8 | 1457.9 | 1457.9 | 1457.9 | 1446.8 | 1461.6 |
| 45°   | 1126.6 | 1119.2 | 1111.8 | 1097.1 | 1122.9 | 1115.5 | 1111.8 | 1119.2 | 1111.8 | 1115.5 | 1122.9 |
| 47.5° | 817.3  | 809.9  | 802.6  | 791.5  | 817.3  | 806.3  | 806.3  | 813.6  | 806.3  | 806.3  | 817.3  |
| 50°   | 548.6  | 552.2  | 548.6  | 541.2  | 548.6  | 544.9  | 548.6  | 555.9  | 548.6  | 544.9  | 548.6  |
| 52.5° | 364.5  | 364.5  | 357.1  | 353.4  | 360.8  | 357.1  | 368.2  | 360.8  | 368.2  | 357.1  | 360.8  |
| 55°   | 220.9  | 224.6  | 220.9  | 217.2  | 220.9  | 217.2  | 228.3  | 224.6  | 228.3  | 217.2  | 220.9  |
| 57.5° | 125.2  | 125.2  | 128.9  | 125.2  | 132.5  | 128.9  | 128.9  | 128.9  | 128.9  | 128.9  | 132.5  |
| 60°   | 69.9   | 69.9   | 69.9   | 69.9   | 69.9   | 69.9   | 73.6   | 69.9   | 73.6   | 69.9   | 69.9   |
| 62.5° | 47.9   | 47.9   | 47.9   | 44.2   | 47.9   | 44.2   | 47.9   | 47.9   | 47.9   | 44.2   | 47.9   |
| 65°   | 36.8   | 36.8   | 36.8   | 36.8   | 36.8   | 36.8   | 36.8   | 36.8   | 36.8   | 36.8   | 36.8   |
| 67.5° | 29.5   | 29.5   | 29.5   | 29.5   | 29.5   | 29.5   | 29.5   | 29.5   | 29.5   | 29.5   | 29.5   |
| 70°   | 22.1   | 22.1   | 22.1   | 22.1   | 22.1   | 22.1   | 22.1   | 22.1   | 22.1   | 22.1   | 22.1   |
| 72.5° | 18.4   | 18.4   | 18.4   | 18.4   | 18.4   | 18.4   | 18.4   | 18.4   | 18.4   | 18.4   | 18.4   |
| 75°   | 11.0   | 11.0   | 11.0   | 11.0   | 11.0   | 11.0   | 11.0   | 11.0   | 11.0   | 11.0   | 11.0   |
| 77.5° | 7.4    | 7.4    | 7.4    | 7.4    | 7.4    | 7.4    | 7.4    | 7.4    | 7.4    | 7.4    | 7.4    |
| 80°   | 3.7    | 3.7    | 3.7    | 3.7    | 3.7    | 3.7    | 3.7    | 3.7    | 3.7    | 3.7    | 3.7    |
| 82.5° | 3.7    | 3.7    | 3.7    | 3.7    | 3.7    | 3.7    | 3.7    | 3.7    | 3.7    | 3.7    | 3.7    |
| 85°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 3.7    | 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    |



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CATALOG NUMBER: LD6B50D010TE EU6B30508050 6LBSWL11

**CANDELA DISTRIBUTION (continued):**

|       | 200°   | 202.5° | 205°   | 210°   | 215°   | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 3162.5 | 3162.5 | 3162.5 | 3162.5 | 3162.5 | 3162.5 | 3162.5 | 3162.5 | 3162.5 | 3162.5 | 3162.5 |
| 2.5°  | 3221.4 | 3184.5 | 3202.9 | 3239.8 | 3188.2 | 3232.4 | 3206.6 | 3162.5 | 3162.5 | 3195.6 | 3202.9 |
| 5°    | 3261.9 | 3236.1 | 3250.8 | 3283.9 | 3232.4 | 3276.6 | 3247.1 | 3202.9 | 3199.3 | 3232.4 | 3243.4 |
| 7.5°  | 3298.7 | 3272.9 | 3291.3 | 3324.4 | 3269.2 | 3313.4 | 3287.6 | 3239.8 | 3232.4 | 3265.5 | 3276.6 |
| 10°   | 3309.7 | 3287.6 | 3302.4 | 3339.2 | 3283.9 | 3324.4 | 3306.0 | 3254.5 | 3250.8 | 3276.6 | 3291.3 |
| 12.5° | 3328.1 | 3309.7 | 3328.1 | 3364.9 | 3309.7 | 3350.2 | 3331.8 | 3280.3 | 3272.9 | 3306.0 | 3317.1 |
| 15°   | 3364.9 | 3346.5 | 3368.6 | 3401.8 | 3350.2 | 3383.3 | 3364.9 | 3313.4 | 3309.7 | 3335.5 | 3350.2 |
| 17.5° | 3368.6 | 3353.9 | 3376.0 | 3401.8 | 3350.2 | 3383.3 | 3368.6 | 3313.4 | 3309.7 | 3339.2 | 3350.2 |
| 20°   | 3309.7 | 3309.7 | 3328.1 | 3353.9 | 3298.7 | 3331.8 | 3317.1 | 3261.9 | 3261.9 | 3287.6 | 3298.7 |
| 22.5° | 3225.0 | 3228.7 | 3247.1 | 3269.2 | 3214.0 | 3247.1 | 3232.4 | 3177.2 | 3180.9 | 3202.9 | 3217.7 |
| 25°   | 3114.6 | 3122.0 | 3136.7 | 3158.8 | 3107.2 | 3136.7 | 3114.6 | 3070.4 | 3066.7 | 3092.5 | 3110.9 |
| 27.5° | 2971.0 | 2982.1 | 2996.8 | 3015.2 | 2967.3 | 2989.4 | 2974.7 | 2930.5 | 2926.8 | 2952.6 | 2971.0 |
| 30°   | 2790.6 | 2805.3 | 2820.1 | 2831.1 | 2786.9 | 2809.0 | 2790.6 | 2750.1 | 2750.1 | 2772.2 | 2783.3 |
| 32.5° | 2577.1 | 2591.8 | 2610.2 | 2617.6 | 2573.4 | 2599.2 | 2584.4 | 2540.3 | 2540.3 | 2562.4 | 2584.4 |
| 35°   | 2323.1 | 2348.8 | 2359.9 | 2370.9 | 2326.7 | 2341.5 | 2348.8 | 2289.9 | 2297.3 | 2315.7 | 2345.1 |
| 37.5° | 2050.6 | 2072.7 | 2087.4 | 2094.8 | 2054.3 | 2069.0 | 2072.7 | 2021.2 | 2028.5 | 2043.3 | 2076.4 |
| 40°   | 1745.1 | 1770.8 | 1781.9 | 1785.6 | 1756.1 | 1767.1 | 1770.8 | 1719.3 | 1730.3 | 1741.4 | 1767.1 |
| 42.5° | 1439.5 | 1443.2 | 1454.2 | 1461.6 | 1435.8 | 1439.5 | 1446.8 | 1399.0 | 1413.7 | 1417.4 | 1443.2 |
| 45°   | 1097.1 | 1111.8 | 1119.2 | 1126.6 | 1104.5 | 1111.8 | 1111.8 | 1078.7 | 1082.4 | 1089.7 | 1111.8 |
| 47.5° | 791.5  | 802.6  | 809.9  | 817.3  | 798.9  | 806.3  | 806.3  | 773.1  | 784.2  | 787.9  | 802.6  |
| 50°   | 541.2  | 548.6  | 552.2  | 548.6  | 548.6  | 548.6  | 548.6  | 530.1  | 541.2  | 530.1  | 548.6  |
| 52.5° | 353.4  | 357.1  | 364.5  | 364.5  | 353.4  | 360.8  | 360.8  | 346.1  | 349.7  | 349.7  | 360.8  |
| 55°   | 217.2  | 220.9  | 224.6  | 220.9  | 217.2  | 220.9  | 220.9  | 213.5  | 220.9  | 213.5  | 224.6  |
| 57.5° | 125.2  | 128.9  | 125.2  | 125.2  | 125.2  | 125.2  | 125.2  | 125.2  | 125.2  | 121.5  | 128.9  |
| 60°   | 69.9   | 69.9   | 69.9   | 69.9   | 69.9   | 69.9   | 69.9   | 69.9   | 69.9   | 69.9   | 73.6   |
| 62.5° | 44.2   | 47.9   | 47.9   | 47.9   | 47.9   | 47.9   | 47.9   | 44.2   | 47.9   | 47.9   | 47.9   |
| 65°   | 36.8   | 36.8   | 36.8   | 36.8   | 36.8   | 36.8   | 36.8   | 36.8   | 36.8   | 36.8   | 40.5   |
| 67.5° | 29.5   | 29.5   | 29.5   | 29.5   | 29.5   | 29.5   | 29.5   | 29.5   | 29.5   | 29.5   | 33.1   |
| 70°   | 22.1   | 22.1   | 22.1   | 22.1   | 22.1   | 22.1   | 25.8   | 25.8   | 22.1   | 25.8   | 25.8   |
| 72.5° | 18.4   | 18.4   | 18.4   | 18.4   | 18.4   | 18.4   | 18.4   | 18.4   | 18.4   | 18.4   | 18.4   |
| 75°   | 11.0   | 11.0   | 11.0   | 11.0   | 11.0   | 11.0   | 11.0   | 11.0   | 11.0   | 11.0   | 14.7   |
| 77.5° | 7.4    | 7.4    | 7.4    | 7.4    | 7.4    | 7.4    | 7.4    | 7.4    | 7.4    | 7.4    | 7.4    |
| 80°   | 3.7    | 3.7    | 3.7    | 3.7    | 3.7    | 3.7    | 3.7    | 3.7    | 3.7    | 3.7    | 7.4    |
| 82.5° | 3.7    | 3.7    | 3.7    | 3.7    | 3.7    | 3.7    | 3.7    | 3.7    | 3.7    | 3.7    | 3.7    |
| 85°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 3.7    | 0.0    | 3.7    | 0.0    | 3.7    |
| 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    |



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**CANDELA DISTRIBUTION (continued):**

|       | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 3162.5 | 3162.5 | 3162.5 | 3162.5 | 3162.5 | 3162.5 | 3162.5 | 3162.5 | 3162.5 | 3162.5 | 3162.5 |
| 2.5°  | 3199.3 | 3169.8 | 3169.8 | 3136.7 | 3166.1 | 3169.8 | 3133.0 | 3122.0 | 3162.5 | 3118.3 | 3140.4 |
| 5°    | 3228.7 | 3199.3 | 3199.3 | 3166.1 | 3188.2 | 3188.2 | 3151.4 | 3133.0 | 3173.5 | 3129.3 | 3147.7 |
| 7.5°  | 3265.5 | 3232.4 | 3225.0 | 3191.9 | 3210.3 | 3214.0 | 3169.8 | 3144.0 | 3184.5 | 3133.0 | 3151.4 |
| 10°   | 3276.6 | 3239.8 | 3236.1 | 3202.9 | 3217.7 | 3221.4 | 3169.8 | 3147.7 | 3180.9 | 3125.6 | 3136.7 |
| 12.5° | 3302.4 | 3261.9 | 3261.9 | 3228.7 | 3239.8 | 3239.8 | 3188.2 | 3158.8 | 3188.2 | 3133.0 | 3140.4 |
| 15°   | 3331.8 | 3287.6 | 3287.6 | 3254.5 | 3261.9 | 3265.5 | 3202.9 | 3173.5 | 3199.3 | 3140.4 | 3147.7 |
| 17.5° | 3331.8 | 3283.9 | 3283.9 | 3254.5 | 3258.2 | 3254.5 | 3195.6 | 3162.5 | 3180.9 | 3118.3 | 3122.0 |
| 20°   | 3280.3 | 3232.4 | 3239.8 | 3206.6 | 3210.3 | 3206.6 | 3144.0 | 3110.9 | 3129.3 | 3063.1 | 3070.4 |
| 22.5° | 3195.6 | 3151.4 | 3158.8 | 3129.3 | 3129.3 | 3125.6 | 3066.7 | 3033.6 | 3052.0 | 2985.7 | 2989.4 |
| 25°   | 3088.8 | 3044.6 | 3052.0 | 3022.6 | 3026.2 | 3026.2 | 2967.3 | 2930.5 | 2948.9 | 2890.0 | 2890.0 |
| 27.5° | 2948.9 | 2904.7 | 2915.8 | 2897.4 | 2886.3 | 2890.0 | 2838.5 | 2801.7 | 2820.1 | 2764.8 | 2764.8 |
| 30°   | 2768.5 | 2731.7 | 2742.8 | 2728.0 | 2717.0 | 2717.0 | 2672.8 | 2636.0 | 2654.4 | 2606.5 | 2602.9 |
| 32.5° | 2555.0 | 2525.5 | 2536.6 | 2525.5 | 2514.5 | 2525.5 | 2477.7 | 2440.9 | 2459.3 | 2422.5 | 2426.1 |
| 35°   | 2323.1 | 2293.6 | 2301.0 | 2289.9 | 2282.6 | 2289.9 | 2242.1 | 2216.3 | 2234.7 | 2197.9 | 2212.6 |
| 37.5° | 2065.4 | 2013.8 | 2035.9 | 2028.5 | 2021.2 | 2024.9 | 1980.7 | 1962.3 | 1984.4 | 1962.3 | 1973.3 |
| 40°   | 1763.5 | 1726.6 | 1741.4 | 1734.0 | 1726.6 | 1745.1 | 1711.9 | 1686.2 | 1704.6 | 1689.8 | 1711.9 |
| 42.5° | 1435.8 | 1406.4 | 1424.8 | 1421.1 | 1410.0 | 1432.1 | 1406.4 | 1387.9 | 1417.4 | 1410.0 | 1428.4 |
| 45°   | 1104.5 | 1082.4 | 1097.1 | 1097.1 | 1093.4 | 1111.8 | 1086.1 | 1089.7 | 1119.2 | 1130.2 | 1152.3 |
| 47.5° | 798.9  | 765.8  | 784.2  | 795.2  | 795.2  | 813.6  | 798.9  | 813.6  | 846.8  | 868.8  | 887.3  |
| 50°   | 544.9  | 537.5  | 541.2  | 544.9  | 552.2  | 567.0  | 563.3  | 585.4  | 607.5  | 644.3  | 666.4  |
| 52.5° | 360.8  | 353.4  | 360.8  | 364.5  | 371.8  | 386.6  | 386.6  | 412.3  | 438.1  | 471.2  | 497.0  |
| 55°   | 224.6  | 220.9  | 224.6  | 228.3  | 235.6  | 250.3  | 254.0  | 279.8  | 305.6  | 338.7  | 360.8  |
| 57.5° | 128.9  | 132.5  | 132.5  | 139.9  | 143.6  | 154.6  | 165.7  | 180.4  | 209.8  | 243.0  | 265.1  |
| 60°   | 73.6   | 73.6   | 77.3   | 81.0   | 84.7   | 95.7   | 103.1  | 117.8  | 139.9  | 173.0  | 187.8  |
| 62.5° | 47.9   | 47.9   | 51.5   | 51.5   | 55.2   | 62.6   | 69.9   | 84.7   | 103.1  | 128.9  | 143.6  |
| 65°   | 40.5   | 40.5   | 40.5   | 44.2   | 44.2   | 51.5   | 58.9   | 69.9   | 84.7   | 103.1  | 117.8  |
| 67.5° | 33.1   | 33.1   | 33.1   | 36.8   | 36.8   | 40.5   | 47.9   | 55.2   | 66.3   | 81.0   | 92.0   |
| 70°   | 25.8   | 25.8   | 25.8   | 29.5   | 29.5   | 33.1   | 36.8   | 40.5   | 51.5   | 62.6   | 69.9   |
| 72.5° | 18.4   | 18.4   | 22.1   | 22.1   | 22.1   | 25.8   | 29.5   | 33.1   | 40.5   | 47.9   | 51.5   |
| 75°   | 14.7   | 14.7   | 14.7   | 14.7   | 18.4   | 18.4   | 22.1   | 25.8   | 29.5   | 33.1   | 36.8   |
| 77.5° | 7.4    | 7.4    | 11.0   | 11.0   | 11.0   | 14.7   | 14.7   | 18.4   | 22.1   | 25.8   | 25.8   |
| 80°   | 7.4    | 7.4    | 7.4    | 7.4    | 7.4    | 11.0   | 11.0   | 11.0   | 14.7   | 18.4   | 18.4   |
| 82.5° | 3.7    | 3.7    | 3.7    | 3.7    | 3.7    | 7.4    | 7.4    | 7.4    | 11.0   | 11.0   | 11.0   |
| 85°   | 3.7    | 3.7    | 3.7    | 3.7    | 3.7    | 3.7    | 3.7    | 3.7    | 7.4    | 7.4    | 7.4    |
| 87.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 3.7    | 3.7    | 3.7    | 3.7    | 3.7    |
| 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: P212839

CATALOG NUMBER: LD6B50D010TE EU6B30508050 6LBSWL11

**CANDELA DISTRIBUTION (continued):**

|       | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 337.5° | 340°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 3162.5 | 3162.5 | 3162.5 | 3162.5 | 3162.5 | 3162.5 | 3162.5 | 3162.5 | 3162.5 | 3162.5 | 3162.5 |
| 2.5°  | 3114.6 | 3125.6 | 3125.6 | 3114.6 | 3085.1 | 3110.9 | 3136.7 | 3110.9 | 3144.0 | 3085.1 | 3085.1 |
| 5°    | 3114.6 | 3122.0 | 3118.3 | 3103.5 | 3074.1 | 3096.2 | 3114.6 | 3088.8 | 3114.6 | 3059.4 | 3055.7 |
| 7.5°  | 3122.0 | 3114.6 | 3107.2 | 3088.8 | 3052.0 | 3066.7 | 3085.1 | 3055.7 | 3081.5 | 3022.6 | 3015.2 |
| 10°   | 3107.2 | 3096.2 | 3081.5 | 3055.7 | 3015.2 | 3026.2 | 3037.3 | 3011.5 | 3029.9 | 2971.0 | 2967.3 |
| 12.5° | 3107.2 | 3088.8 | 3066.7 | 3037.3 | 2993.1 | 3000.5 | 3011.5 | 2978.4 | 2993.1 | 2937.9 | 2930.5 |
| 15°   | 3114.6 | 3081.5 | 3055.7 | 3022.6 | 2974.7 | 2978.4 | 2985.7 | 2948.9 | 2963.6 | 2904.7 | 2901.1 |
| 17.5° | 3088.8 | 3052.0 | 3026.2 | 2985.7 | 2934.2 | 2937.9 | 2937.9 | 2901.1 | 2912.1 | 2853.2 | 2849.5 |
| 20°   | 3033.6 | 2989.4 | 2960.0 | 2923.2 | 2867.9 | 2867.9 | 2867.9 | 2831.1 | 2838.5 | 2786.9 | 2779.6 |
| 22.5° | 2956.3 | 2908.4 | 2879.0 | 2842.2 | 2790.6 | 2786.9 | 2783.3 | 2753.8 | 2753.8 | 2705.9 | 2694.9 |
| 25°   | 2853.2 | 2809.0 | 2779.6 | 2746.4 | 2694.9 | 2687.5 | 2687.5 | 2661.8 | 2658.1 | 2613.9 | 2606.5 |
| 27.5° | 2735.4 | 2683.9 | 2658.1 | 2628.6 | 2580.8 | 2573.4 | 2569.7 | 2555.0 | 2547.6 | 2499.8 | 2496.1 |
| 30°   | 2577.1 | 2532.9 | 2510.8 | 2485.0 | 2440.9 | 2433.5 | 2429.8 | 2415.1 | 2411.4 | 2363.6 | 2363.6 |
| 32.5° | 2407.7 | 2352.5 | 2337.8 | 2312.0 | 2278.9 | 2275.2 | 2278.9 | 2260.5 | 2245.7 | 2212.6 | 2205.2 |
| 35°   | 2205.2 | 2150.0 | 2139.0 | 2127.9 | 2102.2 | 2094.8 | 2091.1 | 2087.4 | 2069.0 | 2046.9 | 2035.9 |
| 37.5° | 1969.6 | 1921.8 | 1921.8 | 1918.1 | 1899.7 | 1899.7 | 1899.7 | 1892.3 | 1873.9 | 1866.5 | 1844.5 |
| 40°   | 1715.6 | 1678.8 | 1682.5 | 1686.2 | 1678.8 | 1682.5 | 1686.2 | 1678.8 | 1664.1 | 1656.7 | 1638.3 |
| 42.5° | 1443.2 | 1424.8 | 1439.5 | 1450.5 | 1450.5 | 1461.6 | 1468.9 | 1468.9 | 1450.5 | 1446.8 | 1432.1 |
| 45°   | 1170.7 | 1167.1 | 1196.5 | 1218.6 | 1226.0 | 1244.4 | 1255.4 | 1248.0 | 1248.0 | 1248.0 | 1233.3 |
| 47.5° | 916.7  | 931.4  | 957.2  | 1001.4 | 1016.1 | 1038.2 | 1045.6 | 1056.6 | 1052.9 | 1056.6 | 1045.6 |
| 50°   | 695.8  | 728.9  | 762.1  | 806.3  | 828.3  | 854.1  | 865.2  | 879.9  | 879.9  | 883.6  | 876.2  |
| 52.5° | 526.5  | 552.2  | 607.5  | 636.9  | 662.7  | 688.5  | 703.2  | 717.9  | 721.6  | 721.6  | 714.2  |
| 55°   | 390.2  | 427.1  | 463.9  | 504.4  | 526.5  | 552.2  | 563.3  | 578.0  | 578.0  | 585.4  | 578.0  |
| 57.5° | 283.5  | 320.3  | 360.8  | 390.2  | 416.0  | 434.4  | 445.5  | 456.5  | 463.9  | 463.9  | 460.2  |
| 60°   | 209.8  | 239.3  | 272.4  | 301.9  | 324.0  | 342.4  | 349.7  | 360.8  | 364.5  | 364.5  | 357.1  |
| 62.5° | 158.3  | 187.8  | 217.2  | 243.0  | 257.7  | 272.4  | 279.8  | 287.2  | 287.2  | 287.2  | 283.5  |
| 65°   | 128.9  | 150.9  | 173.0  | 195.1  | 209.8  | 220.9  | 224.6  | 231.9  | 228.3  | 231.9  | 228.3  |
| 67.5° | 103.1  | 117.8  | 136.2  | 150.9  | 162.0  | 169.4  | 173.0  | 180.4  | 176.7  | 180.4  | 176.7  |
| 70°   | 77.3   | 92.0   | 103.1  | 114.1  | 121.5  | 128.9  | 132.5  | 136.2  | 132.5  | 136.2  | 132.5  |
| 72.5° | 58.9   | 66.3   | 77.3   | 88.4   | 92.0   | 95.7   | 99.4   | 99.4   | 99.4   | 103.1  | 99.4   |
| 75°   | 40.5   | 47.9   | 55.2   | 58.9   | 66.3   | 69.9   | 69.9   | 73.6   | 73.6   | 73.6   | 73.6   |
| 77.5° | 29.5   | 33.1   | 36.8   | 40.5   | 44.2   | 47.9   | 47.9   | 51.5   | 51.5   | 51.5   | 51.5   |
| 80°   | 18.4   | 22.1   | 22.1   | 25.8   | 29.5   | 29.5   | 33.1   | 33.1   | 33.1   | 33.1   | 33.1   |
| 82.5° | 11.0   | 14.7   | 14.7   | 18.4   | 18.4   | 18.4   | 22.1   | 22.1   | 22.1   | 22.1   | 22.1   |
| 85°   | 7.4    | 7.4    | 7.4    | 11.0   | 11.0   | 11.0   | 11.0   | 11.0   | 11.0   | 11.0   | 11.0   |
| 87.5° | 3.7    | 3.7    | 3.7    | 3.7    | 3.7    | 3.7    | 3.7    | 7.4    | 7.4    | 3.7    | 3.7    |
| 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: P212839

CATALOG NUMBER: LD6B50D010TE EU6B30508050 6LBSWLI1

**CANDELA DISTRIBUTION (continued):**

|       | 345°   | 350°   | 355°   | 360°   |
|-------|--------|--------|--------|--------|
| 0°    | 3162.5 | 3162.5 | 3162.5 | 3162.5 |
| 2.5°  | 3114.6 | 3096.2 | 3125.6 | 3081.5 |
| 5°    | 3081.5 | 3063.1 | 3099.9 | 3044.6 |
| 7.5°  | 3041.0 | 3022.6 | 3055.7 | 3000.5 |
| 10°   | 2989.4 | 2971.0 | 3000.5 | 2941.6 |
| 12.5° | 2945.2 | 2926.8 | 2960.0 | 2904.7 |
| 15°   | 2912.1 | 2893.7 | 2923.2 | 2871.6 |
| 17.5° | 2860.6 | 2838.5 | 2871.6 | 2816.4 |
| 20°   | 2786.9 | 2772.2 | 2798.0 | 2742.8 |
| 22.5° | 2702.3 | 2687.5 | 2717.0 | 2661.8 |
| 25°   | 2613.9 | 2595.5 | 2624.9 | 2569.7 |
| 27.5° | 2499.8 | 2485.0 | 2514.5 | 2459.3 |
| 30°   | 2363.6 | 2348.8 | 2378.3 | 2326.7 |
| 32.5° | 2208.9 | 2194.2 | 2216.3 | 2172.1 |
| 35°   | 2032.2 | 2021.2 | 2043.3 | 1995.4 |
| 37.5° | 1840.8 | 1829.7 | 1851.8 | 1804.0 |
| 40°   | 1634.6 | 1623.6 | 1642.0 | 1619.9 |
| 42.5° | 1432.1 | 1421.1 | 1439.5 | 1421.1 |
| 45°   | 1233.3 | 1226.0 | 1244.4 | 1226.0 |
| 47.5° | 1049.2 | 1041.9 | 1060.3 | 1041.9 |
| 50°   | 872.5  | 876.2  | 883.6  | 876.2  |
| 52.5° | 714.2  | 714.2  | 725.3  | 714.2  |
| 55°   | 578.0  | 581.7  | 585.4  | 578.0  |
| 57.5° | 460.2  | 460.2  | 463.9  | 460.2  |
| 60°   | 357.1  | 360.8  | 360.8  | 357.1  |
| 62.5° | 283.5  | 283.5  | 283.5  | 283.5  |
| 65°   | 224.6  | 224.6  | 228.3  | 224.6  |
| 67.5° | 176.7  | 173.0  | 176.7  | 173.0  |
| 70°   | 132.5  | 132.5  | 132.5  | 132.5  |
| 72.5° | 103.1  | 103.1  | 99.4   | 99.4   |
| 75°   | 73.6   | 77.3   | 73.6   | 73.6   |
| 77.5° | 51.5   | 51.5   | 51.5   | 51.5   |
| 80°   | 33.1   | 33.1   | 33.1   | 33.1   |
| 82.5° | 22.1   | 22.1   | 22.1   | 22.1   |
| 85°   | 14.7   | 11.0   | 11.0   | 11.0   |
| 87.5° | 7.4    | 3.7    | 3.7    | 3.7    |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    |



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





















(END OF REPORT)