

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: P685075

Luminaire Tested: **LX6C50D010 EX6509035 6LCSWLI**

Issue Date: 2/15/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P685075  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P252180)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/15/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: PORTFOLIO  
Catalog Number: LX6C50D010 EX6509035 6LCSWLI  
Description: 6 INCH 5000 LUMEN PORTFOLIO LED DOWNLIGHT WITH, 3500K, 90CRI LEDS  
AND 6LCSW TRIM WITH LI FINISH  
Light Source: -  
Ballast/Driver: -

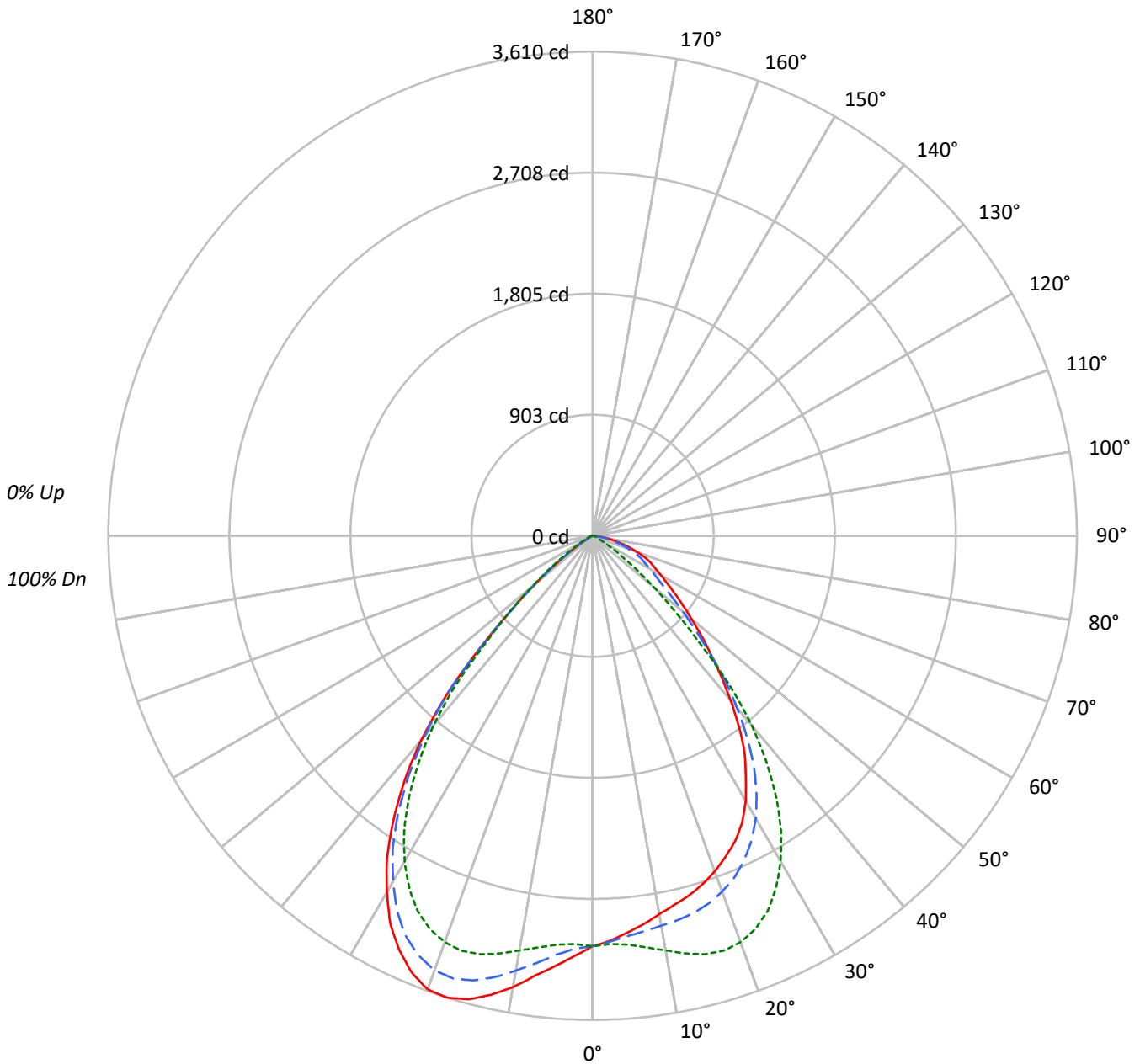
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 5594.0 lumens  
Efficiency: N/A  
Efficacy: 95.8 lumens/watt  
Spacing Criteria (0/90/45): 1.26 / 1.29 / 1.21  
Luminous Opening: Circular (Dia: 0.5' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 58.4  
Input Voltage (V):  
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

TEST NUMBER: P685075

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### Luminous Intensity Polar Plot





TEST NUMBER: P685075

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

|     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |    |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|-----|
| RF  | 20  |     |     |     | 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 | 0  |     |
| RCR |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |    |     |
| 0   | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 |    |    |    | 100 |
| 1   | 112 | 108 | 105 | 103 | 109 | 106 | 103 | 101 | 102 | 100 | 98  | 98  | 96  | 95  | 95  | 93  | 92  | 90  |    |    |    | 90  |
| 2   | 105 | 98  | 93  | 89  | 102 | 97  | 92  | 88  | 93  | 89  | 86  | 90  | 87  | 84  | 87  | 85  | 82  | 80  |    |    |    | 80  |
| 3   | 98  | 89  | 83  | 78  | 95  | 88  | 82  | 78  | 85  | 80  | 76  | 83  | 78  | 75  | 80  | 77  | 74  | 72  |    |    |    | 72  |
| 4   | 91  | 82  | 75  | 69  | 89  | 80  | 74  | 69  | 78  | 72  | 68  | 76  | 71  | 67  | 74  | 70  | 66  | 65  |    |    |    | 65  |
| 5   | 85  | 75  | 67  | 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  | 64  | 59  | 55  | 63  | 58  | 54  | 53  |    |    |    | 53  |
| 7   | 74  | 63  | 56  | 51  | 73  | 62  | 55  | 50  | 61  | 55  | 50  | 60  | 54  | 50  | 58  | 53  | 50  | 48  |    |    |    | 48  |
| 8   | 70  | 58  | 51  | 46  | 69  | 58  | 51  | 46  | 57  | 50  | 46  | 55  | 50  | 46  | 54  | 49  | 45  | 44  |    |    |    | 44  |
| 9   | 66  | 54  | 47  | 42  | 64  | 54  | 47  | 42  | 53  | 46  | 42  | 52  | 46  | 42  | 51  | 45  | 42  | 40  |    |    |    | 40  |
| 10  | 62  | 50  | 43  | 39  | 61  | 50  | 43  | 39  | 49  | 43  | 39  | 48  | 43  | 39  | 47  | 42  | 38  | 37  |    |    |    | 37  |

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

|     | 0°     | 90°    | 180°   |
|-----|--------|--------|--------|
| 0°  | 167772 | 167772 | 167772 |
| 5°  | 163416 | 168413 | 177261 |
| 10° | 159444 | 174752 | 190227 |
| 15° | 157578 | 183315 | 203077 |
| 20° | 155320 | 188095 | 209942 |
| 25° | 152023 | 186706 | 206171 |
| 30° | 144459 | 177426 | 194093 |
| 35° | 132166 | 159966 | 173284 |
| 40° | 114321 | 132112 | 142159 |
| 45° | 96405  | 86652  | 92994  |
| 50° | 81848  | 50156  | 47163  |
| 55° | 71032  | 24047  | 18169  |
| 60° | 64151  | 11227  | 4484   |
| 65° | 62238  | 6447   | 1518   |
| 70° | 55811  | 5161   | 1410   |
| 75° | 45857  | 3728   | 635    |
| 80° | 34158  | 1831   | 0      |
| 85° | 29437  | 0      | 0      |



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 295.6  | 5.3       |
| 10°-20°   | 900.9  | 16.1      |
| 20°-30°   | 1376.5 | 24.6      |
| 30°-40°   | 1439.7 | 25.7      |
| 40°-50°   | 933.9  | 16.7      |
| 50°-60°   | 370.8  | 6.6       |
| 60°-70°   | 175.9  | 3.1       |
| 70°-80°   | 83.7   | 1.5       |
| 80°-90°   | 17.1   | 0.3       |
| 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°    | 2573.0 | 46.0      |
| 0°-40°    | 4012.6 | 71.7      |
| 0°-60°    | 5317.4 | 95.1      |
| 0°-90°    | 5594.0 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 5594.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 45°  | 90°  | 135° | 180° | Flux |
|-----|------|------|------|------|------|------|
| 0°  | 3060 | 3060 | 3060 | 3060 | 3060 |      |
| 5°  | 2970 | 2996 | 3060 | 3136 | 3221 | 280  |
| 15° | 2776 | 2911 | 3230 | 3432 | 3578 | 782  |
| 25° | 2513 | 2671 | 3087 | 3294 | 3408 | 1151 |
| 35° | 1975 | 2095 | 2390 | 2531 | 2589 | 1221 |
| 45° | 1244 | 1232 | 1118 | 1185 | 1200 | 968  |
| 55° | 743  | 632  | 252  | 196  | 190  | 673  |
| 65° | 480  | 398  | 50   | 12   | 12   | 469  |
| 75° | 216  | 176  | 18   | 6    | 3    | 234  |
| 85° | 47   | 29   | 0    | 0    | 0    | 54   |
| 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°    | 3060.4 | 3060.4 | 3060.4 | 3060.4 | 3060.4 | 3060.4 | 3060.4 | 3060.4 | 3060.4 | 3060.4 | 3060.4 |
| 2.5°  | 3022.3 | 3028.1 | 2996.0 | 2987.2 | 3010.7 | 3019.4 | 3022.3 | 3013.5 | 3016.5 | 3028.1 | 3028.1 |
| 5°    | 2969.6 | 2975.5 | 2946.2 | 2937.4 | 2960.8 | 2966.8 | 2975.5 | 2972.6 | 2981.4 | 2998.9 | 2996.0 |
| 7.5°  | 2919.9 | 2928.7 | 2896.5 | 2884.9 | 2914.1 | 2928.7 | 2934.6 | 2934.6 | 2946.2 | 2969.6 | 2972.6 |
| 10°   | 2864.3 | 2876.1 | 2846.8 | 2840.9 | 2873.1 | 2887.7 | 2890.7 | 2896.5 | 2914.1 | 2946.2 | 2952.1 |
| 12.5° | 2817.6 | 2829.2 | 2808.8 | 2800.0 | 2835.0 | 2849.7 | 2855.5 | 2867.3 | 2887.7 | 2928.7 | 2934.6 |
| 15°   | 2776.5 | 2785.3 | 2761.9 | 2756.1 | 2791.2 | 2808.8 | 2811.6 | 2829.2 | 2855.5 | 2902.3 | 2911.1 |
| 17.5° | 2723.9 | 2729.7 | 2712.2 | 2706.4 | 2741.5 | 2759.0 | 2761.9 | 2782.4 | 2814.6 | 2861.4 | 2876.1 |
| 20°   | 2662.4 | 2668.3 | 2650.7 | 2644.9 | 2680.0 | 2700.4 | 2703.4 | 2721.0 | 2759.0 | 2808.8 | 2823.4 |
| 22.5° | 2589.3 | 2601.0 | 2580.6 | 2574.6 | 2609.8 | 2627.3 | 2636.1 | 2650.7 | 2688.8 | 2738.5 | 2759.0 |
| 25°   | 2513.3 | 2513.3 | 2498.7 | 2495.7 | 2527.9 | 2548.4 | 2545.4 | 2565.8 | 2603.9 | 2653.7 | 2671.2 |
| 27.5° | 2413.8 | 2410.8 | 2396.2 | 2393.3 | 2428.4 | 2446.0 | 2440.0 | 2460.6 | 2495.7 | 2545.4 | 2563.0 |
| 30°   | 2282.1 | 2288.0 | 2267.5 | 2261.6 | 2290.9 | 2320.2 | 2317.2 | 2337.7 | 2372.7 | 2419.6 | 2431.4 |
| 32.5° | 2124.1 | 2129.9 | 2127.1 | 2118.3 | 2144.6 | 2159.2 | 2168.0 | 2182.6 | 2211.9 | 2261.6 | 2273.3 |
| 35°   | 1974.9 | 1966.1 | 1954.4 | 1954.4 | 1980.7 | 2004.1 | 1995.3 | 2012.9 | 2042.2 | 2091.9 | 2094.9 |
| 37.5° | 1790.6 | 1787.6 | 1781.8 | 1776.0 | 1805.2 | 1811.0 | 1814.0 | 1825.7 | 1852.1 | 1893.0 | 1887.1 |
| 40°   | 1597.5 | 1600.3 | 1597.5 | 1585.7 | 1603.3 | 1626.7 | 1623.8 | 1629.7 | 1653.0 | 1682.3 | 1673.6 |
| 42.5° | 1416.0 | 1416.0 | 1416.0 | 1404.4 | 1424.8 | 1436.6 | 1442.4 | 1439.5 | 1445.3 | 1471.7 | 1459.9 |
| 45°   | 1243.5 | 1246.4 | 1243.5 | 1240.5 | 1243.5 | 1249.3 | 1243.5 | 1240.5 | 1240.5 | 1249.3 | 1231.7 |
| 47.5° | 1094.3 | 1094.3 | 1085.5 | 1076.7 | 1085.5 | 1088.3 | 1079.7 | 1070.9 | 1067.9 | 1065.0 | 1035.8 |
| 50°   | 959.7  | 956.7  | 953.8  | 939.2  | 947.9  | 950.9  | 939.2  | 933.3  | 921.6  | 907.0  | 871.9  |
| 52.5° | 842.7  | 839.7  | 836.7  | 822.1  | 828.0  | 830.9  | 819.3  | 807.5  | 792.9  | 781.2  | 737.3  |
| 55°   | 743.2  | 740.2  | 740.2  | 731.5  | 725.6  | 731.5  | 719.7  | 710.9  | 690.5  | 675.9  | 632.0  |
| 57.5° | 658.3  | 658.3  | 652.4  | 643.6  | 646.6  | 646.6  | 634.9  | 623.2  | 605.6  | 588.1  | 553.0  |
| 60°   | 585.1  | 585.1  | 585.1  | 576.3  | 576.3  | 576.3  | 570.5  | 558.8  | 544.2  | 526.6  | 491.6  |
| 62.5° | 526.6  | 526.6  | 523.7  | 515.0  | 517.8  | 517.8  | 512.0  | 500.3  | 485.7  | 474.0  | 438.9  |
| 65°   | 479.8  | 479.8  | 479.8  | 471.1  | 471.1  | 474.0  | 468.1  | 456.5  | 444.7  | 430.1  | 397.9  |
| 67.5° | 421.3  | 418.4  | 418.4  | 412.5  | 415.5  | 418.4  | 412.5  | 403.8  | 389.2  | 380.4  | 351.1  |
| 70°   | 348.2  | 351.1  | 354.0  | 345.3  | 348.2  | 348.2  | 345.3  | 336.5  | 327.7  | 318.9  | 292.6  |
| 72.5° | 283.8  | 283.8  | 280.9  | 278.0  | 278.0  | 280.9  | 275.0  | 266.2  | 260.4  | 254.6  | 234.0  |
| 75°   | 216.5  | 213.6  | 216.5  | 210.7  | 210.7  | 210.7  | 204.8  | 201.9  | 198.9  | 190.1  | 175.5  |
| 77.5° | 158.0  | 155.1  | 155.1  | 149.2  | 152.2  | 152.2  | 149.2  | 143.4  | 137.5  | 134.6  | 122.8  |
| 80°   | 108.2  | 108.2  | 108.2  | 105.3  | 105.3  | 102.4  | 102.4  | 99.5   | 93.6   | 90.7   | 84.9   |
| 82.5° | 73.1   | 73.1   | 73.1   | 70.3   | 70.3   | 70.3   | 67.3   | 64.3   | 61.5   | 58.5   | 52.7   |
| 85°   | 46.8   | 46.8   | 46.8   | 43.9   | 43.9   | 43.9   | 40.9   | 40.9   | 38.0   | 35.1   | 29.3   |
| 87.5° | 26.3   | 26.3   | 26.3   | 23.4   | 23.4   | 23.4   | 23.4   | 23.4   | 20.5   | 17.6   | 14.6   |
| 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°    | 3060.4 | 3060.4 | 3060.4 | 3060.4 | 3060.4 | 3060.4 | 3060.4 | 3060.4 | 3060.4 | 3060.4 | 3060.4 |
| 2.5°  | 3048.6 | 3007.7 | 3034.0 | 3034.0 | 3025.3 | 3048.6 | 3063.3 | 3075.0 | 3072.0 | 3045.7 | 3042.8 |
| 5°    | 3025.3 | 2990.1 | 3019.4 | 3022.3 | 3013.5 | 3045.7 | 3066.2 | 3080.8 | 3083.8 | 3060.4 | 3063.3 |
| 7.5°  | 3007.7 | 2978.4 | 3016.5 | 3028.1 | 3025.3 | 3054.5 | 3078.0 | 3101.3 | 3113.0 | 3095.4 | 3098.4 |
| 10°   | 2998.9 | 2975.5 | 3016.5 | 3034.0 | 3036.9 | 3069.2 | 3104.2 | 3136.5 | 3151.1 | 3139.3 | 3148.1 |
| 12.5° | 2987.2 | 2972.6 | 3019.4 | 3045.7 | 3057.4 | 3089.6 | 3133.5 | 3171.5 | 3195.0 | 3189.1 | 3206.6 |
| 15°   | 2975.5 | 2963.8 | 3019.4 | 3057.4 | 3072.0 | 3101.3 | 3151.1 | 3206.6 | 3233.0 | 3230.0 | 3253.5 |
| 17.5° | 2946.2 | 2943.4 | 3001.9 | 3042.8 | 3063.3 | 3098.4 | 3145.2 | 3212.5 | 3238.8 | 3244.7 | 3273.9 |
| 20°   | 2899.5 | 2899.5 | 2963.8 | 3007.7 | 3031.1 | 3063.3 | 3121.8 | 3186.2 | 3218.4 | 3224.2 | 3256.4 |
| 22.5° | 2835.0 | 2840.9 | 2902.3 | 2946.2 | 2981.4 | 3004.7 | 3066.2 | 3133.5 | 3162.7 | 3171.5 | 3206.6 |
| 25°   | 2750.3 | 2756.1 | 2814.6 | 2858.5 | 2896.5 | 2922.8 | 2981.4 | 3042.8 | 3078.0 | 3086.7 | 3113.0 |
| 27.5° | 2639.1 | 2650.7 | 2706.4 | 2750.3 | 2782.4 | 2800.0 | 2861.4 | 2925.8 | 2952.1 | 2960.8 | 2987.2 |
| 30°   | 2510.3 | 2513.3 | 2568.8 | 2606.9 | 2639.1 | 2653.7 | 2706.4 | 2773.7 | 2794.1 | 2802.9 | 2840.9 |
| 32.5° | 2352.3 | 2349.4 | 2402.1 | 2437.2 | 2463.5 | 2481.1 | 2536.6 | 2580.6 | 2601.0 | 2615.7 | 2636.1 |
| 35°   | 2162.2 | 2159.2 | 2197.2 | 2238.3 | 2258.7 | 2264.5 | 2320.2 | 2366.9 | 2378.7 | 2390.3 | 2416.7 |
| 37.5° | 1948.6 | 1948.6 | 1980.7 | 2001.3 | 2024.6 | 2033.4 | 2059.8 | 2112.5 | 2132.9 | 2129.9 | 2150.4 |
| 40°   | 1723.3 | 1711.6 | 1734.9 | 1755.5 | 1761.3 | 1764.2 | 1790.6 | 1831.5 | 1846.1 | 1846.1 | 1860.7 |
| 42.5° | 1486.3 | 1468.7 | 1471.7 | 1483.3 | 1489.2 | 1468.7 | 1486.3 | 1512.6 | 1503.8 | 1515.6 | 1518.5 |
| 45°   | 1234.7 | 1208.3 | 1196.7 | 1170.3 | 1176.2 | 1155.6 | 1144.0 | 1149.8 | 1147.0 | 1117.7 | 1123.5 |
| 47.5° | 1029.8 | 983.1  | 962.5  | 924.6  | 915.8  | 892.4  | 877.8  | 851.4  | 828.0  | 828.0  | 813.3  |
| 50°   | 857.3  | 810.5  | 769.4  | 725.6  | 710.9  | 690.5  | 658.3  | 623.2  | 605.6  | 588.1  | 573.5  |
| 52.5° | 719.7  | 670.0  | 620.2  | 573.5  | 553.0  | 526.6  | 482.8  | 447.7  | 415.5  | 397.9  | 380.4  |
| 55°   | 608.6  | 553.0  | 500.3  | 450.5  | 424.3  | 397.9  | 354.0  | 313.1  | 275.0  | 251.6  | 237.0  |
| 57.5° | 523.7  | 471.1  | 415.5  | 362.8  | 339.4  | 310.1  | 263.4  | 219.4  | 184.3  | 158.0  | 143.4  |
| 60°   | 462.3  | 409.6  | 359.9  | 304.3  | 280.9  | 251.6  | 201.9  | 160.9  | 125.8  | 102.4  | 84.9   |
| 62.5° | 409.6  | 362.8  | 310.1  | 260.4  | 237.0  | 207.7  | 160.9  | 120.0  | 87.8   | 64.3   | 49.7   |
| 65°   | 371.6  | 324.7  | 280.9  | 231.1  | 210.7  | 181.4  | 137.5  | 99.5   | 70.3   | 49.7   | 35.1   |
| 67.5° | 327.7  | 286.7  | 242.8  | 201.9  | 181.4  | 158.0  | 117.0  | 84.9   | 58.5   | 40.9   | 29.3   |
| 70°   | 275.0  | 242.8  | 204.8  | 166.8  | 152.2  | 131.6  | 96.6   | 70.3   | 46.8   | 32.2   | 23.4   |
| 72.5° | 219.4  | 193.1  | 163.9  | 134.6  | 122.8  | 102.4  | 79.0   | 55.6   | 35.1   | 23.4   | 17.6   |
| 75°   | 166.8  | 146.3  | 122.8  | 102.4  | 90.7   | 79.0   | 58.5   | 40.9   | 26.3   | 17.6   | 11.7   |
| 77.5° | 114.1  | 105.3  | 87.8   | 70.3   | 64.3   | 55.6   | 38.0   | 26.3   | 17.6   | 11.7   | 5.8    |
| 80°   | 79.0   | 70.3   | 58.5   | 46.8   | 40.9   | 35.1   | 23.4   | 17.6   | 8.8    | 5.8    | 3.0    |
| 82.5° | 49.7   | 40.9   | 35.1   | 29.3   | 26.3   | 20.5   | 14.6   | 8.8    | 5.8    | 3.0    | 3.0    |
| 85°   | 26.3   | 23.4   | 20.5   | 14.6   | 14.6   | 11.7   | 8.8    | 5.8    | 3.0    | 0.0    | 0.0    |
| 87.5° | 14.6   | 11.7   | 8.8    | 5.8    | 5.8    | 3.0    | 3.0    | 3.0    | 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):**

|       | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 3060.4 | 3060.4 | 3060.4 | 3060.4 | 3060.4 | 3060.4 | 3060.4 | 3060.4 | 3060.4 | 3060.4 | 3060.4 |
| 2.5°  | 3078.0 | 3078.0 | 3075.0 | 3110.1 | 3069.2 | 3110.1 | 3089.6 | 3110.1 | 3080.8 | 3078.0 | 3080.8 |
| 5°    | 3101.3 | 3110.1 | 3113.0 | 3145.2 | 3107.2 | 3156.9 | 3139.3 | 3156.9 | 3136.5 | 3142.3 | 3151.1 |
| 7.5°  | 3148.1 | 3162.7 | 3159.9 | 3200.8 | 3162.7 | 3218.4 | 3206.6 | 3233.0 | 3212.5 | 3218.4 | 3230.0 |
| 10°   | 3200.8 | 3218.4 | 3221.2 | 3262.3 | 3227.1 | 3294.4 | 3279.8 | 3309.0 | 3291.5 | 3300.3 | 3314.9 |
| 12.5° | 3262.3 | 3282.7 | 3285.7 | 3332.4 | 3294.4 | 3364.6 | 3355.8 | 3385.1 | 3370.5 | 3379.3 | 3396.9 |
| 15°   | 3309.0 | 3338.3 | 3344.2 | 3390.9 | 3350.0 | 3423.1 | 3417.3 | 3455.4 | 3431.9 | 3446.6 | 3461.2 |
| 17.5° | 3332.4 | 3358.8 | 3370.5 | 3414.4 | 3379.3 | 3452.4 | 3446.6 | 3478.8 | 3461.2 | 3475.8 | 3493.4 |
| 20°   | 3317.8 | 3350.0 | 3358.8 | 3402.7 | 3367.6 | 3440.7 | 3431.9 | 3464.2 | 3446.6 | 3458.2 | 3475.8 |
| 22.5° | 3265.1 | 3297.3 | 3309.0 | 3350.0 | 3317.8 | 3385.1 | 3382.2 | 3411.5 | 3388.1 | 3402.7 | 3417.3 |
| 25°   | 3171.5 | 3206.6 | 3212.5 | 3250.5 | 3215.4 | 3285.7 | 3279.8 | 3312.0 | 3294.4 | 3303.2 | 3323.6 |
| 27.5° | 3036.9 | 3078.0 | 3086.7 | 3118.9 | 3092.6 | 3151.1 | 3151.1 | 3177.4 | 3156.9 | 3156.9 | 3177.4 |
| 30°   | 2876.1 | 2917.0 | 2922.8 | 2949.2 | 2925.8 | 2978.4 | 2981.4 | 3007.7 | 2975.5 | 2993.1 | 2996.0 |
| 32.5° | 2680.0 | 2706.4 | 2723.9 | 2747.3 | 2712.2 | 2779.5 | 2770.7 | 2791.2 | 2773.7 | 2773.7 | 2788.3 |
| 35°   | 2443.0 | 2475.2 | 2484.0 | 2513.3 | 2484.0 | 2536.6 | 2536.6 | 2548.4 | 2530.8 | 2530.8 | 2554.2 |
| 37.5° | 2185.6 | 2209.0 | 2211.9 | 2241.1 | 2217.7 | 2261.6 | 2258.7 | 2267.5 | 2249.9 | 2261.6 | 2261.6 |
| 40°   | 1884.2 | 1901.8 | 1907.6 | 1922.2 | 1919.4 | 1951.5 | 1948.6 | 1954.4 | 1945.6 | 1948.6 | 1954.4 |
| 42.5° | 1533.2 | 1556.5 | 1568.2 | 1579.9 | 1562.4 | 1606.3 | 1597.5 | 1606.3 | 1603.3 | 1606.3 | 1615.1 |
| 45°   | 1129.4 | 1147.0 | 1155.6 | 1158.6 | 1152.8 | 1179.1 | 1199.5 | 1182.0 | 1184.9 | 1179.1 | 1190.8 |
| 47.5° | 816.3  | 819.3  | 813.3  | 830.9  | 816.3  | 828.0  | 833.9  | 836.7  | 819.3  | 816.3  | 828.0  |
| 50°   | 558.8  | 573.5  | 553.0  | 561.7  | 558.8  | 570.5  | 564.7  | 567.6  | 550.1  | 558.8  | 553.0  |
| 52.5° | 371.6  | 368.6  | 362.8  | 365.7  | 359.9  | 359.9  | 359.9  | 365.7  | 354.0  | 348.2  | 342.3  |
| 55°   | 225.3  | 219.4  | 207.7  | 204.8  | 204.8  | 207.7  | 201.9  | 196.1  | 196.1  | 193.1  | 193.1  |
| 57.5° | 131.6  | 122.8  | 117.0  | 114.1  | 108.2  | 105.3  | 102.4  | 102.4  | 96.6   | 96.6   | 96.6   |
| 60°   | 73.1   | 64.3   | 58.5   | 52.7   | 52.7   | 49.7   | 46.8   | 43.9   | 43.9   | 43.9   | 40.9   |
| 62.5° | 38.0   | 32.2   | 26.3   | 23.4   | 23.4   | 20.5   | 17.6   | 17.6   | 17.6   | 17.6   | 14.6   |
| 65°   | 26.3   | 20.5   | 17.6   | 14.6   | 14.6   | 11.7   | 11.7   | 11.7   | 11.7   | 11.7   | 11.7   |
| 67.5° | 20.5   | 17.6   | 14.6   | 11.7   | 11.7   | 11.7   | 8.8    | 8.8    | 8.8    | 8.8    | 8.8    |
| 70°   | 17.6   | 11.7   | 11.7   | 8.8    | 8.8    | 8.8    | 8.8    | 8.8    | 8.8    | 8.8    | 8.8    |
| 72.5° | 11.7   | 11.7   | 8.8    | 8.8    | 8.8    | 8.8    | 8.8    | 8.8    | 8.8    | 8.8    | 8.8    |
| 75°   | 8.8    | 5.8    | 5.8    | 5.8    | 5.8    | 5.8    | 5.8    | 5.8    | 5.8    | 5.8    | 5.8    |
| 77.5° | 3.0    | 3.0    | 3.0    | 3.0    | 3.0    | 3.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 80°   | 3.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 82.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 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: P685075

CATALOG NUMBER: LX6C50D010 EX6509035 6LCSWLI

**CANDELA DISTRIBUTION (continued):**

|       | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 3060.4 | 3060.4 | 3060.4 | 3060.4 | 3060.4 | 3060.4 | 3060.4 | 3060.4 |
| 2.5°  | 3107.2 | 3104.2 | 3107.2 | 3113.0 | 3101.3 | 3136.5 | 3118.9 | 3136.5 |
| 5°    | 3174.5 | 3177.4 | 3180.3 | 3189.1 | 3174.5 | 3218.4 | 3195.0 | 3221.2 |
| 7.5°  | 3262.3 | 3265.1 | 3268.1 | 3276.9 | 3268.1 | 3312.0 | 3285.7 | 3309.0 |
| 10°   | 3353.0 | 3358.8 | 3358.8 | 3373.4 | 3364.6 | 3405.6 | 3388.1 | 3417.3 |
| 12.5° | 3437.8 | 3443.6 | 3449.5 | 3458.2 | 3452.4 | 3496.3 | 3481.7 | 3505.1 |
| 15°   | 3505.1 | 3516.7 | 3519.7 | 3531.4 | 3525.5 | 3572.4 | 3554.8 | 3578.2 |
| 17.5° | 3537.3 | 3548.9 | 3548.9 | 3563.6 | 3557.7 | 3607.5 | 3584.0 | 3610.4 |
| 20°   | 3519.7 | 3528.5 | 3531.4 | 3546.1 | 3540.2 | 3590.0 | 3566.5 | 3598.7 |
| 22.5° | 3464.2 | 3467.0 | 3470.0 | 3484.6 | 3481.7 | 3525.5 | 3505.1 | 3525.5 |
| 25°   | 3361.7 | 3370.5 | 3367.6 | 3379.3 | 3379.3 | 3414.4 | 3390.9 | 3408.5 |
| 27.5° | 3215.4 | 3224.2 | 3224.2 | 3238.8 | 3227.1 | 3262.3 | 3238.8 | 3265.1 |
| 30°   | 3036.9 | 3045.7 | 3039.9 | 3051.6 | 3039.9 | 3075.0 | 3057.4 | 3066.2 |
| 32.5° | 2823.4 | 2823.4 | 2826.2 | 2829.2 | 2823.4 | 2855.5 | 2838.0 | 2855.5 |
| 35°   | 2568.8 | 2574.6 | 2577.6 | 2580.6 | 2574.6 | 2598.1 | 2577.6 | 2589.3 |
| 37.5° | 2282.1 | 2296.8 | 2293.8 | 2296.8 | 2288.0 | 2317.2 | 2299.6 | 2305.6 |
| 40°   | 1974.9 | 1974.9 | 1971.9 | 1977.9 | 1969.1 | 1992.5 | 1980.7 | 1986.5 |
| 42.5° | 1617.9 | 1626.7 | 1615.1 | 1629.7 | 1606.3 | 1638.4 | 1626.7 | 1617.9 |
| 45°   | 1214.3 | 1202.5 | 1199.5 | 1202.5 | 1193.7 | 1196.7 | 1205.5 | 1199.5 |
| 47.5° | 828.0  | 828.0  | 822.1  | 813.3  | 825.1  | 828.0  | 816.3  | 816.3  |
| 50°   | 555.9  | 555.9  | 550.1  | 547.1  | 553.0  | 550.1  | 544.2  | 553.0  |
| 52.5° | 354.0  | 342.3  | 342.3  | 348.2  | 342.3  | 336.5  | 345.3  | 339.4  |
| 55°   | 193.1  | 187.3  | 187.3  | 193.1  | 187.3  | 187.3  | 184.3  | 190.1  |
| 57.5° | 93.6   | 96.6   | 93.6   | 93.6   | 93.6   | 93.6   | 90.7   | 93.6   |
| 60°   | 40.9   | 40.9   | 40.9   | 40.9   | 40.9   | 40.9   | 40.9   | 40.9   |
| 62.5° | 17.6   | 17.6   | 14.6   | 14.6   | 14.6   | 14.6   | 14.6   | 14.6   |
| 65°   | 11.7   | 11.7   | 11.7   | 11.7   | 11.7   | 11.7   | 11.7   | 11.7   |
| 67.5° | 8.8    | 8.8    | 8.8    | 8.8    | 8.8    | 11.7   | 8.8    | 8.8    |
| 70°   | 8.8    | 8.8    | 8.8    | 8.8    | 8.8    | 8.8    | 8.8    | 8.8    |
| 72.5° | 8.8    | 8.8    | 11.7   | 11.7   | 11.7   | 11.7   | 11.7   | 11.7   |
| 75°   | 5.8    | 5.8    | 5.8    | 3.0    | 3.0    | 3.0    | 3.0    | 3.0    |
| 77.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 80°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 82.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 85°   | 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    |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



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















(END OF REPORT)