

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: PORTFOLIO

Report Number: P252401

Luminaire Tested: **LE\_6B50D010R EC6B30508027 6LBLWW1LI**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-41-14  
Report Number: P252401  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-1712-453-5)  
Test Lab: INNOVATION CENTER(G1)  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: PORTFOLIO  
Catalog Number: LE\_6B50D010R EC6B30508027 6LBLWW1LI  
Description: PORTFOLIO 6 INCH LENS WALLWASH RECESSED DOWNLIGHT, WITH SPECULAR CLEAR TRIM  
Light Source: (1) HIGH LUMEN LED 80CRI / 2700K CCT  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 5780.0 lumens  
Efficiency: N/A  
Efficacy: 98.3 lumens/watt  
Spacing Criteria (0/90/45): 1.13 / 1.02 / 1.12  
Luminous Opening: Circular (Dia: 0.46' x H: 0')  
CIE Type: Direct

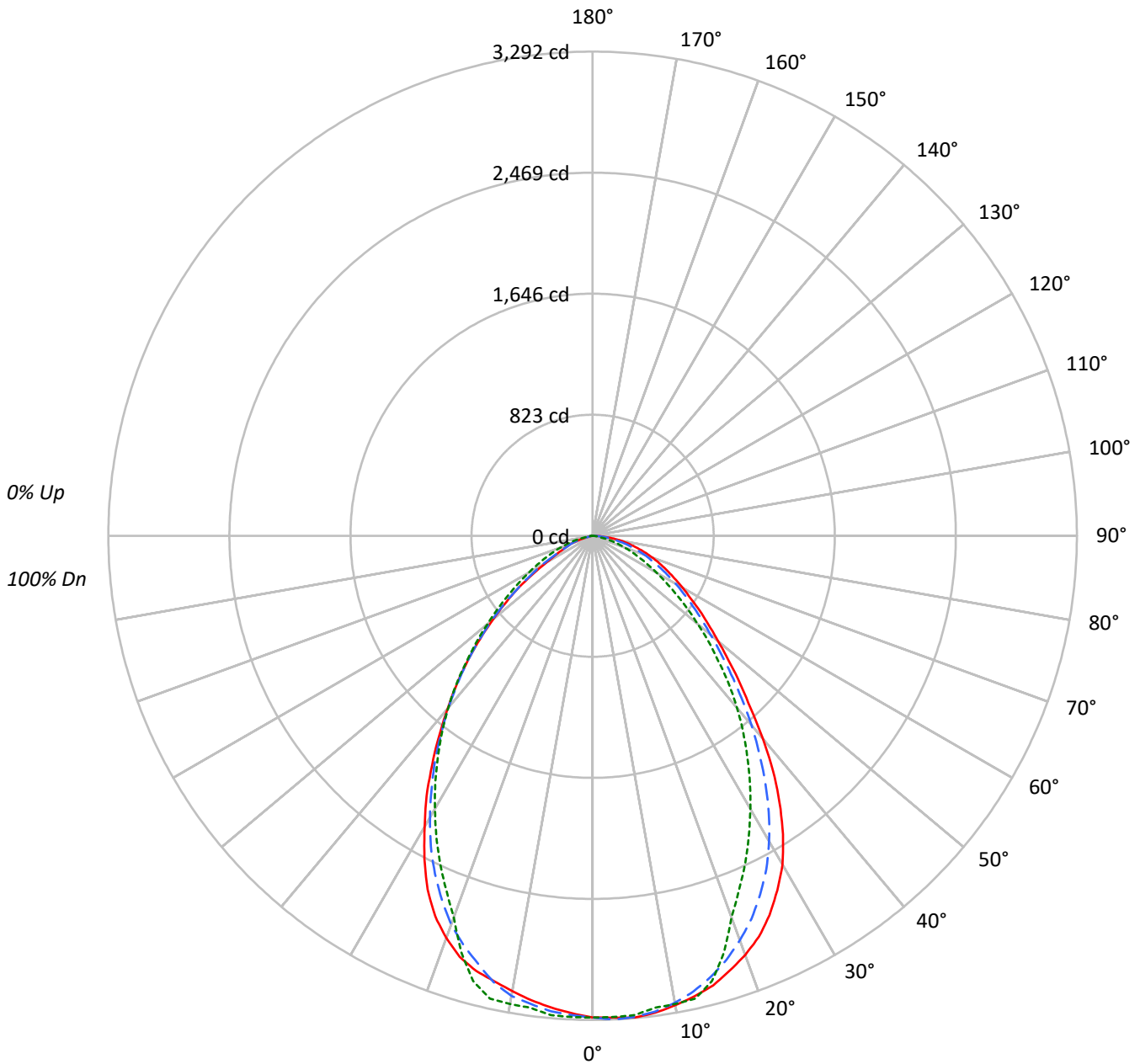
Input Watts (W): 58.8  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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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  |     |    | 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 |    |    |   |
| 1   | 111 | 107 | 104 | 101 | 108 | 105 | 102 | 99  | 101 | 98  | 96  | 97  | 95  | 93  | 93  | 92  | 90  | 88  |    |    |   |
| 2   | 103 | 96  | 90  | 86  | 100 | 94  | 89  | 85  | 91  | 86  | 83  | 88  | 84  | 81  | 85  | 82  | 79  | 77  |    |    |   |
| 3   | 95  | 86  | 80  | 74  | 93  | 85  | 79  | 73  | 82  | 77  | 72  | 79  | 75  | 71  | 77  | 73  | 70  | 68  |    |    |   |
| 4   | 88  | 78  | 71  | 65  | 86  | 77  | 70  | 64  | 74  | 68  | 64  | 72  | 67  | 63  | 70  | 66  | 62  | 60  |    |    |   |
| 5   | 82  | 71  | 63  | 57  | 80  | 70  | 63  | 57  | 68  | 62  | 57  | 66  | 60  | 56  | 64  | 59  | 55  | 54  |    |    |   |
| 6   | 77  | 65  | 57  | 51  | 75  | 64  | 57  | 51  | 62  | 56  | 51  | 61  | 55  | 50  | 59  | 54  | 50  | 48  |    |    |   |
| 7   | 72  | 60  | 52  | 46  | 70  | 59  | 51  | 46  | 57  | 51  | 46  | 56  | 50  | 46  | 55  | 49  | 45  | 44  |    |    |   |
| 8   | 67  | 55  | 47  | 42  | 66  | 54  | 47  | 42  | 53  | 46  | 42  | 52  | 46  | 42  | 51  | 45  | 41  | 40  |    |    |   |
| 9   | 63  | 51  | 43  | 38  | 62  | 50  | 43  | 38  | 49  | 43  | 38  | 48  | 42  | 38  | 47  | 42  | 38  | 36  |    |    |   |
| 10  | 59  | 47  | 40  | 35  | 58  | 47  | 40  | 35  | 46  | 40  | 35  | 45  | 39  | 35  | 44  | 39  | 35  | 33  |    |    |   |

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

|     | 0°     | 90°    | 180°   |
|-----|--------|--------|--------|
| 0°  | 213663 | 213663 | 213663 |
| 5°  | 215317 | 214204 | 210864 |
| 10° | 214707 | 214144 | 208221 |
| 15° | 213730 | 211717 | 206841 |
| 20° | 210539 | 191648 | 201979 |
| 25° | 204826 | 176659 | 191048 |
| 30° | 194496 | 161485 | 172061 |
| 35° | 176491 | 145996 | 151419 |
| 40° | 153221 | 130039 | 130397 |
| 45° | 130683 | 111833 | 110662 |
| 50° | 113108 | 94544  | 89357  |
| 55° | 101107 | 78847  | 69179  |
| 60° | 92120  | 65489  | 46608  |
| 65° | 86001  | 53845  | 34796  |
| 70° | 81947  | 43796  | 29204  |
| 75° | 77184  | 31105  | 9629   |
| 80° | 73488  | 15967  | 3193   |
| 85° | 60483  | 9581   | 0      |



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 309.2  | 5.4       |
| 10°-20°   | 865.0  | 15.0      |
| 20°-30°   | 1194.0 | 20.7      |
| 30°-40°   | 1215.0 | 21.0      |
| 40°-50°   | 976.4  | 16.9      |
| 50°-60°   | 649.3  | 11.2      |
| 60°-70°   | 370.0  | 6.4       |
| 70°-80°   | 166.2  | 2.9       |
| 80°-90°   | 35.0   | 0.6       |
| 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°    | 2368.2 | 41.0      |
| 0°-40°    | 3583.2 | 62.0      |
| 0°-60°    | 5208.8 | 90.1      |
| 0°-90°    | 5780.0 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 5780.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 45°  | 90°  | 135° | 180° | Flux |
|-----|------|------|------|------|------|------|
| 0°  | 3275 | 3275 | 3275 | 3275 | 3275 |      |
| 5°  | 3288 | 3284 | 3271 | 3245 | 3220 | 312  |
| 15° | 3164 | 3105 | 3135 | 3011 | 3062 | 891  |
| 25° | 2845 | 2692 | 2454 | 2535 | 2654 | 1304 |
| 35° | 2216 | 2046 | 1833 | 1867 | 1901 | 1377 |
| 45° | 1416 | 1331 | 1212 | 1199 | 1199 | 1098 |
| 55° | 889  | 829  | 693  | 617  | 608  | 799  |
| 65° | 557  | 498  | 349  | 225  | 225  | 555  |
| 75° | 306  | 255  | 123  | 51   | 38   | 327  |
| 85° | 81   | 55   | 13   | 4    | 0    | 96   |
| 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°    | 3275.0 | 3275.0 | 3275.0 | 3275.0 | 3275.0 | 3275.0 | 3275.0 | 3275.0 | 3275.0 | 3275.0 | 3275.0 |
| 2.5°  | 3279.2 | 3296.2 | 3292.0 | 3287.8 | 3292.0 | 3287.8 | 3279.2 | 3279.2 | 3270.8 | 3270.8 | 3292.0 |
| 5°    | 3287.8 | 3296.2 | 3292.0 | 3287.8 | 3287.8 | 3292.0 | 3275.0 | 3275.0 | 3266.5 | 3262.2 | 3283.5 |
| 7.5°  | 3270.8 | 3283.5 | 3275.0 | 3275.0 | 3270.8 | 3275.0 | 3258.0 | 3258.0 | 3245.2 | 3241.0 | 3262.2 |
| 10°   | 3241.0 | 3258.0 | 3249.5 | 3249.5 | 3249.5 | 3241.0 | 3232.5 | 3228.2 | 3215.5 | 3211.2 | 3224.0 |
| 12.5° | 3207.0 | 3219.8 | 3215.5 | 3207.0 | 3207.0 | 3207.0 | 3189.9 | 3185.6 | 3168.6 | 3160.1 | 3172.9 |
| 15°   | 3164.4 | 3172.9 | 3168.6 | 3164.4 | 3155.9 | 3155.9 | 3138.9 | 3130.4 | 3113.4 | 3096.4 | 3104.9 |
| 17.5° | 3100.6 | 3113.4 | 3104.9 | 3100.6 | 3087.9 | 3087.9 | 3070.9 | 3062.4 | 3036.9 | 3019.8 | 3024.0 |
| 20°   | 3032.5 | 3036.9 | 3032.5 | 3024.0 | 3011.2 | 3007.0 | 2990.0 | 2973.0 | 2951.8 | 2930.5 | 2926.2 |
| 22.5° | 2951.8 | 2956.0 | 2943.2 | 2934.8 | 2922.0 | 2917.8 | 2896.5 | 2883.8 | 2849.6 | 2824.1 | 2819.9 |
| 25°   | 2845.4 | 2849.6 | 2849.6 | 2828.4 | 2819.9 | 2811.4 | 2790.1 | 2768.9 | 2739.1 | 2705.0 | 2692.2 |
| 27.5° | 2717.9 | 2730.6 | 2722.1 | 2700.8 | 2683.8 | 2679.5 | 2658.2 | 2641.2 | 2603.0 | 2573.2 | 2556.2 |
| 30°   | 2581.8 | 2577.5 | 2573.2 | 2560.5 | 2534.9 | 2530.6 | 2509.4 | 2488.1 | 2458.4 | 2420.1 | 2398.9 |
| 32.5° | 2407.4 | 2407.4 | 2403.1 | 2390.4 | 2364.8 | 2356.2 | 2339.2 | 2313.8 | 2279.8 | 2250.0 | 2228.8 |
| 35°   | 2216.0 | 2220.2 | 2216.0 | 2190.4 | 2173.4 | 2164.9 | 2156.4 | 2126.6 | 2096.9 | 2062.9 | 2045.8 |
| 37.5° | 2016.0 | 2003.2 | 2007.5 | 1986.2 | 1965.0 | 1973.5 | 1948.0 | 1935.2 | 1901.2 | 1875.6 | 1858.6 |
| 40°   | 1799.1 | 1807.6 | 1790.6 | 1782.1 | 1769.4 | 1756.6 | 1756.6 | 1735.4 | 1718.2 | 1688.5 | 1680.0 |
| 42.5° | 1586.5 | 1599.2 | 1595.0 | 1586.5 | 1569.5 | 1573.8 | 1552.4 | 1543.9 | 1522.6 | 1509.9 | 1497.1 |
| 45°   | 1416.4 | 1416.4 | 1416.4 | 1407.9 | 1403.6 | 1395.1 | 1382.2 | 1369.5 | 1356.8 | 1339.8 | 1331.2 |
| 47.5° | 1250.5 | 1250.5 | 1254.8 | 1246.2 | 1237.8 | 1233.5 | 1224.9 | 1224.9 | 1203.6 | 1186.6 | 1178.1 |
| 50°   | 1114.4 | 1114.4 | 1114.4 | 1105.9 | 1097.4 | 1097.4 | 1088.9 | 1080.4 | 1067.6 | 1054.8 | 1046.2 |
| 52.5° | 991.0  | 991.0  | 991.0  | 982.5  | 978.2  | 974.0  | 969.8  | 965.5  | 948.5  | 940.0  | 931.5  |
| 55°   | 888.9  | 884.6  | 884.6  | 880.4  | 871.9  | 871.9  | 867.6  | 859.1  | 846.4  | 833.6  | 829.4  |
| 57.5° | 786.9  | 791.1  | 786.9  | 786.9  | 778.4  | 778.4  | 769.9  | 765.6  | 752.9  | 744.4  | 735.8  |
| 60°   | 706.0  | 706.0  | 706.0  | 701.8  | 693.2  | 697.5  | 689.0  | 684.8  | 672.0  | 659.2  | 650.8  |
| 62.5° | 625.2  | 629.5  | 629.5  | 625.2  | 616.8  | 616.8  | 612.5  | 608.2  | 595.5  | 582.8  | 569.9  |
| 65°   | 557.1  | 557.1  | 557.1  | 552.9  | 548.6  | 548.6  | 544.4  | 540.1  | 527.4  | 510.4  | 497.6  |
| 67.5° | 493.4  | 489.1  | 489.1  | 489.1  | 484.9  | 480.6  | 476.4  | 472.1  | 459.4  | 446.6  | 429.6  |
| 70°   | 429.6  | 429.6  | 429.6  | 425.4  | 416.9  | 421.1  | 416.9  | 412.6  | 399.8  | 387.0  | 374.2  |
| 72.5° | 370.0  | 370.0  | 365.8  | 361.5  | 361.5  | 357.2  | 357.2  | 353.0  | 340.2  | 323.2  | 310.5  |
| 75°   | 306.2  | 306.2  | 306.2  | 306.2  | 297.8  | 302.0  | 293.5  | 289.2  | 280.8  | 268.0  | 255.2  |
| 77.5° | 251.0  | 251.0  | 251.0  | 246.8  | 242.4  | 242.4  | 238.1  | 233.9  | 221.1  | 212.6  | 195.6  |
| 80°   | 195.6  | 195.6  | 195.6  | 195.6  | 191.4  | 187.1  | 182.9  | 178.6  | 170.1  | 157.4  | 144.6  |
| 82.5° | 144.6  | 144.6  | 140.4  | 140.4  | 140.4  | 136.1  | 131.9  | 127.6  | 119.1  | 110.6  | 102.1  |
| 85°   | 80.8   | 85.1   | 85.1   | 76.5   | 80.8   | 76.5   | 76.5   | 68.0   | 68.0   | 59.5   | 55.2   |
| 87.5° | 29.8   | 25.5   | 25.5   | 25.5   | 25.5   | 25.5   | 25.5   | 21.2   | 21.2   | 21.2   | 17.0   |
| 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):**

|       | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 3275.0 | 3275.0 | 3275.0 | 3275.0 | 3275.0 | 3275.0 | 3275.0 | 3275.0 | 3275.0 | 3275.0 | 3275.0 |
| 2.5°  | 3275.0 | 3270.8 | 3287.8 | 3287.8 | 3262.2 | 3275.0 | 3279.2 | 3270.8 | 3270.8 | 3275.0 | 3262.2 |
| 5°    | 3266.5 | 3258.0 | 3275.0 | 3279.2 | 3253.8 | 3266.5 | 3270.8 | 3262.2 | 3266.5 | 3270.8 | 3253.8 |
| 7.5°  | 3236.8 | 3236.8 | 3249.5 | 3253.8 | 3228.2 | 3241.0 | 3241.0 | 3232.5 | 3236.8 | 3236.8 | 3224.0 |
| 10°   | 3207.0 | 3194.1 | 3207.0 | 3207.0 | 3185.6 | 3189.9 | 3198.5 | 3194.1 | 3211.2 | 3232.5 | 3232.5 |
| 12.5° | 3151.6 | 3138.9 | 3160.1 | 3160.1 | 3147.4 | 3164.4 | 3185.6 | 3198.5 | 3215.5 | 3224.0 | 3198.5 |
| 15°   | 3083.6 | 3087.9 | 3126.1 | 3155.9 | 3143.1 | 3168.6 | 3189.9 | 3181.4 | 3160.1 | 3134.6 | 3096.4 |
| 17.5° | 2994.2 | 2981.5 | 3015.5 | 3032.5 | 3015.5 | 3024.0 | 3041.1 | 3024.0 | 2990.0 | 2968.8 | 2917.8 |
| 20°   | 2892.2 | 2858.1 | 2858.1 | 2849.6 | 2819.9 | 2819.9 | 2815.6 | 2785.9 | 2773.1 | 2760.4 | 2739.1 |
| 22.5° | 2777.4 | 2739.1 | 2726.4 | 2700.8 | 2675.2 | 2671.0 | 2658.2 | 2628.5 | 2611.5 | 2603.0 | 2577.5 |
| 25°   | 2645.5 | 2611.5 | 2590.2 | 2564.8 | 2526.4 | 2517.9 | 2505.1 | 2475.4 | 2466.9 | 2454.1 | 2432.9 |
| 27.5° | 2509.4 | 2466.9 | 2437.1 | 2411.6 | 2377.5 | 2373.2 | 2347.8 | 2326.5 | 2309.5 | 2301.0 | 2284.0 |
| 30°   | 2352.0 | 2305.2 | 2284.0 | 2250.0 | 2224.5 | 2216.0 | 2194.6 | 2164.9 | 2152.1 | 2143.6 | 2130.9 |
| 32.5° | 2177.6 | 2139.4 | 2118.1 | 2088.4 | 2054.4 | 2058.6 | 2033.0 | 2007.5 | 1999.0 | 1990.5 | 1977.8 |
| 35°   | 2007.5 | 1969.2 | 1943.8 | 1918.2 | 1897.0 | 1888.5 | 1871.4 | 1850.1 | 1837.4 | 1833.1 | 1824.6 |
| 37.5° | 1820.4 | 1790.6 | 1769.4 | 1743.9 | 1726.9 | 1718.2 | 1709.8 | 1688.5 | 1680.0 | 1680.0 | 1663.0 |
| 40°   | 1637.5 | 1612.0 | 1595.0 | 1582.2 | 1561.0 | 1556.6 | 1548.1 | 1535.4 | 1531.1 | 1526.9 | 1514.1 |
| 42.5° | 1471.6 | 1437.6 | 1424.9 | 1416.4 | 1403.6 | 1395.1 | 1390.8 | 1382.2 | 1378.0 | 1373.8 | 1361.0 |
| 45°   | 1314.2 | 1284.5 | 1271.8 | 1263.2 | 1250.5 | 1246.2 | 1242.0 | 1229.1 | 1220.6 | 1212.1 | 1207.9 |
| 47.5° | 1161.1 | 1139.9 | 1135.6 | 1114.4 | 1105.9 | 1097.4 | 1088.9 | 1080.4 | 1076.1 | 1071.9 | 1054.8 |
| 50°   | 1029.2 | 1016.5 | 995.2  | 982.5  | 974.0  | 969.8  | 952.8  | 940.0  | 935.8  | 931.5  | 918.8  |
| 52.5° | 910.2  | 893.1  | 880.4  | 859.1  | 854.9  | 846.4  | 837.9  | 820.9  | 812.4  | 808.1  | 795.4  |
| 55°   | 803.9  | 791.1  | 774.1  | 757.1  | 744.4  | 740.1  | 727.2  | 710.2  | 701.8  | 693.2  | 684.8  |
| 57.5° | 714.5  | 693.2  | 676.2  | 659.2  | 650.8  | 638.0  | 625.2  | 616.8  | 604.0  | 591.2  | 578.5  |
| 60°   | 629.5  | 612.5  | 591.2  | 574.2  | 565.6  | 557.1  | 540.1  | 527.4  | 514.6  | 501.9  | 489.1  |
| 62.5° | 548.6  | 531.6  | 510.4  | 493.4  | 484.9  | 476.4  | 459.4  | 446.6  | 433.9  | 421.1  | 404.0  |
| 65°   | 476.4  | 459.4  | 442.4  | 425.4  | 416.9  | 408.2  | 391.2  | 374.2  | 361.5  | 348.8  | 331.8  |
| 67.5° | 416.9  | 395.5  | 378.5  | 361.5  | 353.0  | 344.5  | 327.5  | 314.8  | 297.8  | 285.0  | 268.0  |
| 70°   | 353.0  | 336.0  | 323.2  | 306.2  | 297.8  | 289.2  | 272.2  | 255.2  | 242.4  | 229.6  | 212.6  |
| 72.5° | 297.8  | 276.5  | 263.8  | 246.8  | 238.1  | 233.9  | 216.9  | 204.1  | 191.4  | 174.4  | 161.6  |
| 75°   | 238.1  | 221.1  | 204.1  | 191.4  | 182.9  | 178.6  | 161.6  | 148.9  | 136.1  | 123.4  | 110.6  |
| 77.5° | 182.9  | 170.1  | 153.1  | 140.4  | 131.9  | 127.6  | 110.6  | 97.9   | 85.1   | 76.5   | 63.8   |
| 80°   | 136.1  | 119.1  | 110.6  | 97.9   | 93.6   | 85.1   | 76.5   | 63.8   | 55.2   | 42.5   | 34.0   |
| 82.5° | 93.6   | 80.8   | 72.2   | 63.8   | 59.5   | 55.2   | 46.8   | 38.2   | 29.8   | 25.5   | 21.2   |
| 85°   | 51.0   | 42.5   | 38.2   | 34.0   | 29.8   | 29.8   | 25.5   | 21.2   | 17.0   | 12.8   | 8.5    |
| 87.5° | 17.0   | 12.8   | 12.8   | 12.8   | 12.8   | 8.5    | 8.5    | 8.5    | 4.2    | 4.2    | 4.2    |
| 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°    | 3275.0 | 3275.0 | 3275.0 | 3275.0 | 3275.0 | 3275.0 | 3275.0 | 3275.0 | 3275.0 | 3275.0 | 3275.0 |
| 2.5°  | 3270.8 | 3270.8 | 3270.8 | 3266.5 | 3266.5 | 3266.5 | 3262.2 | 3279.2 | 3262.2 | 3258.0 | 3270.8 |
| 5°    | 3266.5 | 3258.0 | 3258.0 | 3258.0 | 3258.0 | 3253.8 | 3249.5 | 3258.0 | 3245.2 | 3241.0 | 3241.0 |
| 7.5°  | 3241.0 | 3236.8 | 3236.8 | 3232.5 | 3228.2 | 3224.0 | 3219.8 | 3224.0 | 3211.2 | 3207.0 | 3207.0 |
| 10°   | 3245.2 | 3236.8 | 3236.8 | 3224.0 | 3215.5 | 3202.8 | 3189.9 | 3194.1 | 3177.1 | 3164.4 | 3164.4 |
| 12.5° | 3194.1 | 3172.9 | 3160.1 | 3147.4 | 3138.9 | 3134.6 | 3117.6 | 3126.1 | 3109.1 | 3104.9 | 3104.9 |
| 15°   | 3079.4 | 3053.9 | 3032.5 | 3024.0 | 3024.0 | 3015.5 | 3002.8 | 3019.8 | 3011.2 | 3015.5 | 3036.9 |
| 17.5° | 2900.8 | 2888.0 | 2875.2 | 2871.0 | 2875.2 | 2883.8 | 2892.2 | 2917.8 | 2917.8 | 2930.5 | 2951.8 |
| 20°   | 2743.4 | 2734.9 | 2743.4 | 2743.4 | 2747.6 | 2764.6 | 2781.6 | 2802.9 | 2811.4 | 2824.1 | 2853.9 |
| 22.5° | 2590.2 | 2590.2 | 2598.8 | 2611.5 | 2607.2 | 2637.0 | 2641.2 | 2679.5 | 2679.5 | 2705.0 | 2730.6 |
| 25°   | 2441.4 | 2441.4 | 2449.9 | 2454.1 | 2462.6 | 2479.6 | 2496.6 | 2526.4 | 2534.9 | 2560.5 | 2581.8 |
| 27.5° | 2296.8 | 2292.5 | 2292.5 | 2296.8 | 2305.2 | 2326.5 | 2335.0 | 2369.0 | 2381.9 | 2398.9 | 2420.1 |
| 30°   | 2135.1 | 2130.9 | 2139.4 | 2147.9 | 2143.6 | 2164.9 | 2177.6 | 2203.1 | 2211.6 | 2228.8 | 2245.8 |
| 32.5° | 1982.0 | 1982.0 | 1982.0 | 1990.5 | 1990.5 | 2007.5 | 2007.5 | 2037.2 | 2037.2 | 2050.1 | 2067.1 |
| 35°   | 1824.6 | 1824.6 | 1828.9 | 1833.1 | 1837.4 | 1841.6 | 1845.9 | 1862.9 | 1867.1 | 1871.4 | 1879.9 |
| 37.5° | 1675.8 | 1671.5 | 1675.8 | 1675.8 | 1667.2 | 1684.2 | 1684.2 | 1701.2 | 1688.5 | 1701.2 | 1705.5 |
| 40°   | 1522.6 | 1522.6 | 1518.4 | 1518.4 | 1518.4 | 1526.9 | 1518.4 | 1531.1 | 1522.6 | 1531.1 | 1526.9 |
| 42.5° | 1365.2 | 1365.2 | 1356.8 | 1365.2 | 1361.0 | 1361.0 | 1361.0 | 1369.5 | 1356.8 | 1365.2 | 1369.5 |
| 45°   | 1207.9 | 1203.6 | 1203.6 | 1199.4 | 1199.4 | 1199.4 | 1203.6 | 1203.6 | 1199.4 | 1207.9 | 1207.9 |
| 47.5° | 1054.8 | 1050.5 | 1050.5 | 1050.5 | 1050.5 | 1054.8 | 1042.0 | 1050.5 | 1042.0 | 1042.0 | 1042.0 |
| 50°   | 923.0  | 918.8  | 914.5  | 910.2  | 906.0  | 906.0  | 901.6  | 901.6  | 893.1  | 888.9  | 884.6  |
| 52.5° | 795.4  | 791.1  | 782.6  | 782.6  | 778.4  | 774.1  | 761.4  | 761.4  | 748.6  | 744.4  | 744.4  |
| 55°   | 680.5  | 667.8  | 663.5  | 655.0  | 655.0  | 646.5  | 638.0  | 629.5  | 616.8  | 608.2  | 608.2  |
| 57.5° | 574.2  | 561.4  | 552.9  | 548.6  | 544.4  | 535.9  | 518.9  | 514.6  | 497.6  | 493.4  | 489.1  |
| 60°   | 480.6  | 467.9  | 455.1  | 446.6  | 442.4  | 429.6  | 412.6  | 404.0  | 395.5  | 382.8  | 370.0  |
| 62.5° | 391.2  | 378.5  | 361.5  | 357.2  | 348.8  | 336.0  | 323.2  | 310.5  | 302.0  | 289.2  | 280.8  |
| 65°   | 314.8  | 302.0  | 289.2  | 280.8  | 272.2  | 259.5  | 246.8  | 233.9  | 225.4  | 221.1  | 216.9  |
| 67.5° | 255.2  | 238.1  | 225.4  | 221.1  | 212.6  | 204.1  | 191.4  | 187.1  | 178.6  | 178.6  | 178.6  |
| 70°   | 199.9  | 187.1  | 174.4  | 170.1  | 165.9  | 157.4  | 148.9  | 148.9  | 148.9  | 148.9  | 148.9  |
| 72.5° | 148.9  | 140.4  | 127.6  | 123.4  | 119.1  | 114.9  | 106.4  | 110.6  | 106.4  | 106.4  | 106.4  |
| 75°   | 93.6   | 85.1   | 76.5   | 72.2   | 68.0   | 63.8   | 59.5   | 55.2   | 51.0   | 46.8   | 46.8   |
| 77.5° | 51.0   | 42.5   | 38.2   | 34.0   | 34.0   | 29.8   | 25.5   | 25.5   | 21.2   | 21.2   | 21.2   |
| 80°   | 29.8   | 25.5   | 21.2   | 17.0   | 17.0   | 12.8   | 12.8   | 12.8   | 12.8   | 8.5    | 8.5    |
| 82.5° | 17.0   | 12.8   | 8.5    | 8.5    | 8.5    | 8.5    | 4.2    | 4.2    | 4.2    | 4.2    | 4.2    |
| 85°   | 8.5    | 8.5    | 4.2    | 4.2    | 4.2    | 4.2    | 4.2    | 4.2    | 4.2    | 4.2    | 0.0    |
| 87.5° | 4.2    | 4.2    | 4.2    | 4.2    | 4.2    | 4.2    | 4.2    | 4.2    | 4.2    | 4.2    | 4.2    |
| 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: P252401

CATALOG NUMBER: LE\_6B50D010R EC6B30508027 6LBLWW1LI

**CANDELA DISTRIBUTION (continued):**

|       | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 3275.0 | 3275.0 | 3275.0 | 3275.0 | 3275.0 | 3275.0 | 3275.0 | 3275.0 |
| 2.5°  | 3249.5 | 3262.2 | 3249.5 | 3262.2 | 3262.2 | 3262.2 | 3262.2 | 3249.5 |
| 5°    | 3228.2 | 3236.8 | 3224.0 | 3232.5 | 3236.8 | 3232.5 | 3232.5 | 3219.8 |
| 7.5°  | 3189.9 | 3198.5 | 3185.6 | 3198.5 | 3202.8 | 3198.5 | 3194.1 | 3185.6 |
| 10°   | 3151.6 | 3155.9 | 3143.1 | 3151.6 | 3160.1 | 3160.1 | 3155.9 | 3143.1 |
| 12.5° | 3092.1 | 3104.9 | 3092.1 | 3100.6 | 3109.1 | 3113.4 | 3113.4 | 3100.6 |
| 15°   | 3024.0 | 3045.4 | 3036.9 | 3049.6 | 3062.4 | 3066.6 | 3066.6 | 3062.4 |
| 17.5° | 2956.0 | 2977.2 | 2964.5 | 2985.8 | 2998.5 | 3007.0 | 3011.2 | 3002.8 |
| 20°   | 2858.1 | 2883.8 | 2875.2 | 2892.2 | 2909.2 | 2922.0 | 2922.0 | 2909.2 |
| 22.5° | 2730.6 | 2764.6 | 2760.4 | 2773.1 | 2794.4 | 2798.6 | 2807.1 | 2798.6 |
| 25°   | 2590.2 | 2615.8 | 2611.5 | 2624.2 | 2649.8 | 2649.8 | 2654.0 | 2654.0 |
| 27.5° | 2428.6 | 2454.1 | 2449.9 | 2458.4 | 2475.4 | 2479.6 | 2483.9 | 2475.4 |
| 30°   | 2254.2 | 2267.0 | 2267.0 | 2279.8 | 2292.5 | 2296.8 | 2296.8 | 2284.0 |
| 32.5° | 2062.9 | 2079.9 | 2088.4 | 2084.1 | 2096.9 | 2105.4 | 2101.1 | 2101.1 |
| 35°   | 1888.5 | 1892.8 | 1897.0 | 1901.2 | 1905.5 | 1914.0 | 1905.5 | 1901.2 |
| 37.5° | 1701.2 | 1714.0 | 1705.5 | 1714.0 | 1722.6 | 1718.2 | 1714.0 | 1714.0 |
| 40°   | 1531.1 | 1535.4 | 1526.9 | 1535.4 | 1539.6 | 1539.6 | 1539.6 | 1531.1 |
| 42.5° | 1361.0 | 1369.5 | 1361.0 | 1369.5 | 1369.5 | 1369.5 | 1369.5 | 1365.2 |
| 45°   | 1190.9 | 1199.4 | 1199.4 | 1203.6 | 1203.6 | 1199.4 | 1199.4 | 1199.4 |
| 47.5° | 1033.5 | 1042.0 | 1033.5 | 1042.0 | 1046.2 | 1037.8 | 1037.8 | 1037.8 |
| 50°   | 884.6  | 880.4  | 880.4  | 884.6  | 884.6  | 884.6  | 884.6  | 880.4  |
| 52.5° | 731.5  | 735.8  | 735.8  | 735.8  | 740.1  | 735.8  | 740.1  | 740.1  |
| 55°   | 599.8  | 599.8  | 599.8  | 604.0  | 599.8  | 599.8  | 604.0  | 608.2  |
| 57.5° | 480.6  | 476.4  | 472.1  | 472.1  | 476.4  | 472.1  | 472.1  | 472.1  |
| 60°   | 370.0  | 365.8  | 361.5  | 361.5  | 361.5  | 361.5  | 361.5  | 357.2  |
| 62.5° | 276.5  | 276.5  | 276.5  | 280.8  | 280.8  | 280.8  | 280.8  | 285.0  |
| 65°   | 221.1  | 221.1  | 221.1  | 221.1  | 221.1  | 221.1  | 221.1  | 225.4  |
| 67.5° | 178.6  | 178.6  | 178.6  | 182.9  | 182.9  | 182.9  | 182.9  | 182.9  |
| 70°   | 148.9  | 148.9  | 153.1  | 148.9  | 153.1  | 153.1  | 153.1  | 153.1  |
| 72.5° | 102.1  | 102.1  | 102.1  | 102.1  | 102.1  | 97.9   | 102.1  | 97.9   |
| 75°   | 42.5   | 42.5   | 42.5   | 42.5   | 42.5   | 42.5   | 42.5   | 38.2   |
| 77.5° | 17.0   | 17.0   | 17.0   | 17.0   | 17.0   | 17.0   | 17.0   | 17.0   |
| 80°   | 8.5    | 8.5    | 8.5    | 8.5    | 8.5    | 8.5    | 8.5    | 8.5    |
| 82.5° | 4.2    | 4.2    | 4.2    | 4.2    | 4.2    | 4.2    | 4.2    | 4.2    |
| 85°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 87.5° | 4.2    | 4.2    | 4.2    | 4.2    | 4.2    | 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)