

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: P252514

Luminaire Tested: **LE_6B50D010R EC6B30509040 6LBLWW1H**

Issue Date: 3/3/2020

Test Information

Test Method: LM-41-14
Report Number: P252514
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-1712-453-6)
Test Lab: INNOVATION CENTER(G1)
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LE_6B50D010R EC6B30509040 6LBLWW1H
Description: PORTFOLIO 6 INCH LENS WALLWASH RECESSED DOWNLIGHT, WITH HAZE TRIM
Light Source: (1) HIGH LUMEN LED 90CRI / 4000K CCT
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4922.5 lumens
Efficiency: N/A
Efficacy: 83.7 lumens/watt
Spacing Criteria (0/90/45): 1.1 / 1.02 / 1.12
Luminous Opening: Circular (Dia: 0.46' x H: 0')
CIE Type: Direct

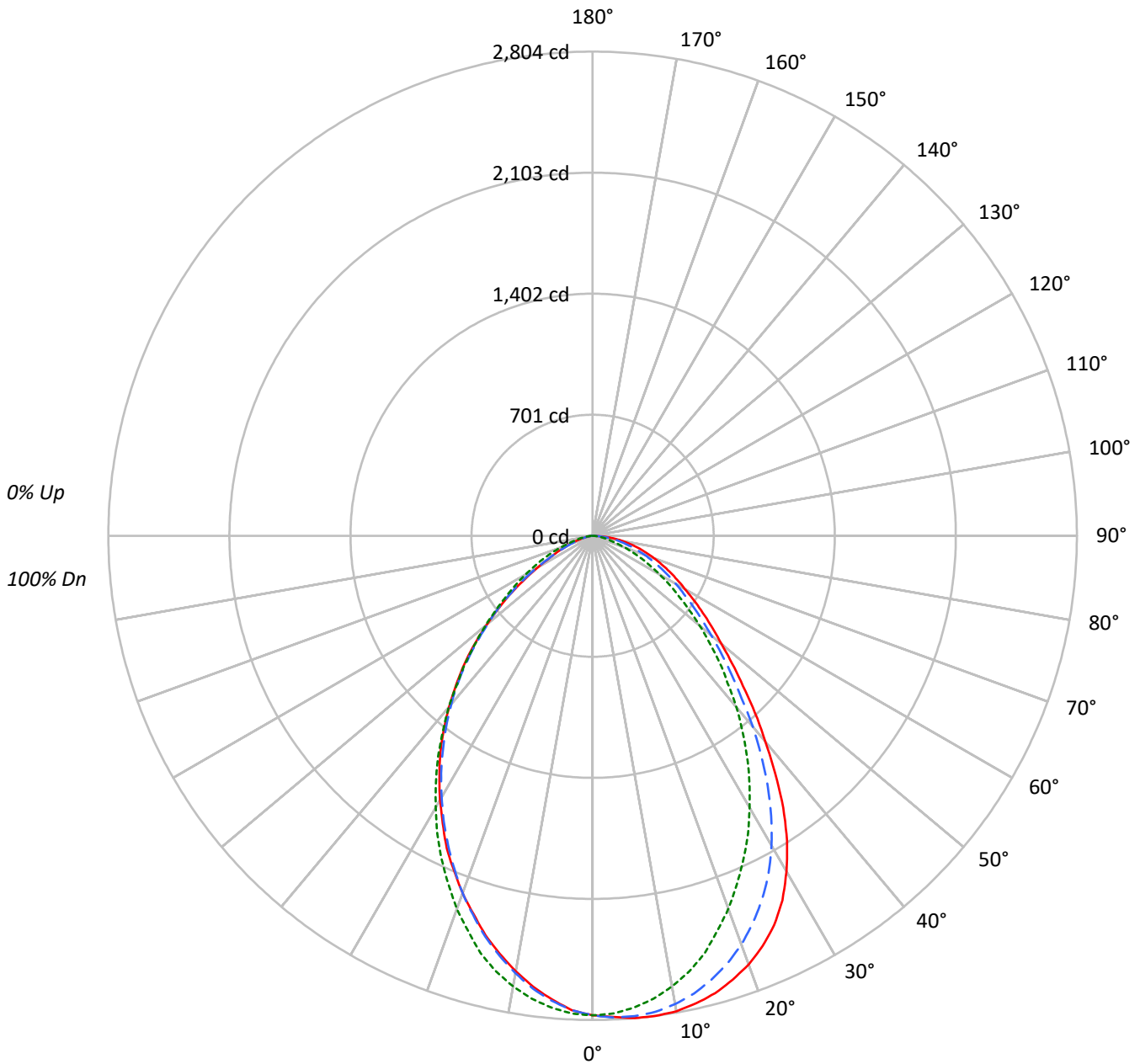
Input Watts (W): 58.8
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P252514

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Luminous Intensity Polar Plot





TEST NUMBER: P252514

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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|---|--|--|--|--|--|--|----|--|--|--|--|--|--|--|--|---|
| RF | 20 | | | | | | | | | 20 | | | | | | | | | 20 | | | | | | | | | 20 | | | | | | | | | |
| RC | 80 | | | | | | | | | 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 | 103 | 100 | 108 | 105 | 101 | 99 | 100 | 98 | 96 | 97 | 95 | 93 | 93 | 91 | 90 | 88 | | | | | | | | | | | | | | | | | | | |
| 2 | 103 | 96 | 90 | 85 | 100 | 94 | 89 | 84 | 90 | 86 | 82 | 87 | 84 | 80 | 84 | 81 | 79 | 77 | | | | | | | | | | | | | | | | | | | |
| 3 | 95 | 86 | 79 | 73 | 93 | 84 | 78 | 73 | 81 | 76 | 71 | 79 | 74 | 70 | 76 | 72 | 69 | 67 | | | | | | | | | | | | | | | | | | | |
| 4 | 88 | 78 | 70 | 64 | 86 | 76 | 69 | 64 | 74 | 68 | 63 | 72 | 66 | 62 | 70 | 65 | 61 | 59 | | | | | | | | | | | | | | | | | | | |
| 5 | 82 | 70 | 62 | 57 | 80 | 69 | 62 | 56 | 67 | 61 | 56 | 65 | 60 | 55 | 64 | 59 | 55 | 53 | | | | | | | | | | | | | | | | | | | |
| 6 | 76 | 64 | 56 | 51 | 74 | 63 | 56 | 50 | 62 | 55 | 50 | 60 | 54 | 50 | 59 | 53 | 49 | 47 | | | | | | | | | | | | | | | | | | | |
| 7 | 71 | 59 | 51 | 46 | 69 | 58 | 51 | 45 | 57 | 50 | 45 | 55 | 49 | 45 | 54 | 49 | 45 | 43 | | | | | | | | | | | | | | | | | | | |
| 8 | 67 | 54 | 47 | 41 | 65 | 54 | 46 | 41 | 52 | 46 | 41 | 51 | 45 | 41 | 50 | 45 | 41 | 39 | | | | | | | | | | | | | | | | | | | |
| 9 | 63 | 50 | 43 | 38 | 61 | 50 | 43 | 38 | 49 | 42 | 37 | 48 | 42 | 37 | 47 | 41 | 37 | 35 | | | | | | | | | | | | | | | | | | | |
| 10 | 59 | 47 | 39 | 35 | 58 | 46 | 39 | 35 | 45 | 39 | 34 | 44 | 38 | 34 | 44 | 38 | 34 | 33 | | | | | | | | | | | | | | | | | | | |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° |
|-----|--------|--------|--------|
| 0° | 181173 | 181173 | 181173 |
| 5° | 183633 | 179586 | 176561 |
| 10° | 185240 | 175541 | 169659 |
| 15° | 185214 | 169065 | 161770 |
| 20° | 183428 | 159600 | 152907 |
| 25° | 179084 | 148822 | 143819 |
| 30° | 169108 | 136851 | 133076 |
| 35° | 153283 | 124101 | 122564 |
| 40° | 132381 | 110375 | 110042 |
| 45° | 113522 | 96084 | 96794 |
| 50° | 98654 | 82212 | 81035 |
| 55° | 88618 | 69315 | 64936 |
| 60° | 80520 | 58377 | 47808 |
| 65° | 75627 | 48226 | 35120 |
| 70° | 72104 | 37540 | 25751 |
| 75° | 69042 | 27224 | 17494 |
| 80° | 65223 | 18823 | 11609 |
| 85° | 57713 | 11528 | 5839 |



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 259.7 | 5.3 |
| 10°-20° | 711.5 | 14.5 |
| 20°-30° | 987.7 | 20.1 |
| 30°-40° | 1023.1 | 20.8 |
| 40°-50° | 840.7 | 17.1 |
| 50°-60° | 577.8 | 11.7 |
| 60°-70° | 332.2 | 6.7 |
| 70°-80° | 152.7 | 3.1 |
| 80°-90° | 37.2 | 0.8 |
| 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° | 1958.9 | 39.8 |
| 0°-40° | 2982.0 | 60.6 |
| 0°-60° | 4400.5 | 89.4 |
| 0°-90° | 4922.5 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 4922.5 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 45° | 90° | 135° | 180° | Flux |
|-----|------|------|------|------|------|------|
| 0° | 2777 | 2777 | 2777 | 2777 | 2777 | |
| 5° | 2804 | 2792 | 2742 | 2704 | 2696 | 267 |
| 15° | 2742 | 2661 | 2503 | 2403 | 2395 | 772 |
| 25° | 2488 | 2322 | 2067 | 1979 | 1998 | 1138 |
| 35° | 1925 | 1766 | 1558 | 1512 | 1539 | 1194 |
| 45° | 1230 | 1138 | 1041 | 1030 | 1049 | 958 |
| 55° | 779 | 706 | 609 | 575 | 571 | 701 |
| 65° | 490 | 428 | 312 | 220 | 228 | 488 |
| 75° | 274 | 216 | 108 | 69 | 69 | 289 |
| 85° | 77 | 54 | 15 | 8 | 8 | 87 |
| 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° | 2777.0 | 2777.0 | 2777.0 | 2777.0 | 2777.0 | 2777.0 | 2777.0 | 2777.0 | 2777.0 | 2777.0 | 2777.0 |
| 2.5° | 2788.6 | 2811.8 | 2796.2 | 2792.5 | 2800.1 | 2800.1 | 2800.1 | 2788.6 | 2796.2 | 2784.8 | 2792.5 |
| 5° | 2804.0 | 2823.2 | 2807.9 | 2800.1 | 2807.9 | 2811.8 | 2800.1 | 2792.5 | 2804.0 | 2788.6 | 2792.5 |
| 7.5° | 2804.0 | 2823.2 | 2807.9 | 2804.0 | 2807.9 | 2807.9 | 2804.0 | 2788.6 | 2796.2 | 2780.9 | 2780.9 |
| 10° | 2796.2 | 2811.8 | 2796.2 | 2788.6 | 2792.5 | 2788.6 | 2788.6 | 2769.2 | 2773.1 | 2753.9 | 2753.9 |
| 12.5° | 2773.1 | 2792.5 | 2773.1 | 2765.5 | 2765.5 | 2765.5 | 2753.9 | 2738.5 | 2742.2 | 2719.1 | 2715.2 |
| 15° | 2742.2 | 2757.8 | 2738.5 | 2730.8 | 2730.8 | 2726.9 | 2719.1 | 2696.0 | 2696.0 | 2672.9 | 2661.2 |
| 17.5° | 2696.0 | 2711.5 | 2696.0 | 2684.5 | 2680.6 | 2672.9 | 2665.1 | 2642.0 | 2634.2 | 2607.2 | 2595.8 |
| 20° | 2642.0 | 2653.6 | 2638.1 | 2626.6 | 2618.9 | 2611.1 | 2595.8 | 2572.6 | 2564.9 | 2537.9 | 2518.6 |
| 22.5° | 2572.6 | 2588.0 | 2564.9 | 2553.4 | 2545.6 | 2534.0 | 2518.6 | 2495.5 | 2483.9 | 2449.1 | 2426.0 |
| 25° | 2487.8 | 2495.5 | 2476.1 | 2464.6 | 2449.1 | 2441.5 | 2429.9 | 2399.0 | 2387.5 | 2348.9 | 2321.9 |
| 27.5° | 2379.8 | 2387.5 | 2364.4 | 2356.6 | 2337.4 | 2329.6 | 2314.1 | 2287.1 | 2271.8 | 2233.1 | 2206.1 |
| 30° | 2244.8 | 2252.5 | 2237.0 | 2225.5 | 2210.0 | 2194.6 | 2183.0 | 2156.0 | 2132.9 | 2094.4 | 2071.2 |
| 32.5° | 2094.4 | 2105.9 | 2090.5 | 2075.0 | 2048.0 | 2051.9 | 2032.6 | 2005.6 | 1986.4 | 1951.6 | 1924.6 |
| 35° | 1924.6 | 1932.4 | 1913.0 | 1909.2 | 1893.8 | 1878.4 | 1859.0 | 1839.8 | 1828.2 | 1789.6 | 1766.5 |
| 37.5° | 1735.6 | 1754.9 | 1735.6 | 1720.2 | 1712.5 | 1700.9 | 1689.4 | 1662.4 | 1654.6 | 1631.5 | 1600.6 |
| 40° | 1554.4 | 1565.9 | 1554.4 | 1538.9 | 1527.4 | 1527.4 | 1511.9 | 1496.5 | 1477.2 | 1454.1 | 1442.5 |
| 42.5° | 1392.4 | 1384.6 | 1380.8 | 1373.1 | 1357.6 | 1353.8 | 1350.0 | 1330.6 | 1319.1 | 1296.0 | 1276.6 |
| 45° | 1230.4 | 1234.2 | 1226.5 | 1222.6 | 1211.1 | 1203.4 | 1195.6 | 1180.2 | 1176.4 | 1153.2 | 1137.8 |
| 47.5° | 1095.4 | 1091.5 | 1083.8 | 1083.8 | 1076.1 | 1068.4 | 1060.6 | 1049.1 | 1045.2 | 1026.0 | 1010.5 |
| 50° | 972.0 | 975.9 | 972.0 | 968.1 | 956.5 | 952.6 | 945.0 | 937.2 | 929.5 | 910.2 | 894.9 |
| 52.5° | 871.6 | 867.9 | 864.0 | 864.0 | 852.4 | 848.5 | 840.9 | 833.1 | 825.4 | 806.1 | 794.5 |
| 55° | 779.1 | 779.1 | 775.2 | 771.4 | 759.9 | 756.0 | 752.1 | 744.4 | 732.9 | 717.4 | 705.9 |
| 57.5° | 694.2 | 694.2 | 690.4 | 686.5 | 678.9 | 678.9 | 671.1 | 663.4 | 655.6 | 640.2 | 624.9 |
| 60° | 617.1 | 621.0 | 617.1 | 613.2 | 605.5 | 605.5 | 601.6 | 590.1 | 586.2 | 567.0 | 555.4 |
| 62.5° | 551.5 | 551.5 | 551.5 | 547.8 | 543.9 | 536.1 | 536.1 | 524.5 | 516.9 | 505.2 | 489.9 |
| 65° | 489.9 | 489.9 | 489.9 | 486.0 | 478.2 | 474.4 | 470.5 | 462.9 | 455.1 | 443.5 | 428.1 |
| 67.5° | 432.0 | 432.0 | 432.0 | 428.1 | 420.4 | 416.5 | 412.8 | 408.9 | 397.2 | 385.8 | 370.2 |
| 70° | 378.0 | 378.0 | 374.1 | 370.2 | 366.4 | 362.5 | 358.8 | 351.0 | 343.2 | 327.9 | 316.2 |
| 72.5° | 324.0 | 324.0 | 324.0 | 316.2 | 312.4 | 312.4 | 304.8 | 300.9 | 293.1 | 277.8 | 266.1 |
| 75° | 273.9 | 270.0 | 270.0 | 266.1 | 262.2 | 258.4 | 254.5 | 250.8 | 239.1 | 231.4 | 216.0 |
| 77.5° | 223.8 | 223.8 | 219.9 | 216.0 | 216.0 | 212.1 | 208.2 | 200.5 | 196.8 | 185.1 | 173.6 |
| 80° | 173.6 | 173.6 | 173.6 | 173.6 | 169.8 | 165.9 | 165.9 | 158.1 | 154.2 | 142.8 | 135.0 |
| 82.5° | 131.1 | 127.2 | 127.2 | 127.2 | 123.4 | 119.6 | 119.6 | 115.8 | 111.9 | 104.1 | 96.4 |
| 85° | 77.1 | 73.2 | 73.2 | 73.2 | 69.4 | 69.4 | 65.6 | 65.6 | 61.8 | 54.0 | 54.0 |
| 87.5° | 23.1 | 23.1 | 27.0 | 27.0 | 23.1 | 23.1 | 23.1 | 23.1 | 23.1 | 19.2 | 19.2 |
| 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: P252514

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CANDELA DISTRIBUTION (continued):

| | 50° | 55° | 60° | 65° | 67.5° | 70° | 75° | 80° | 85° | 90° | 95° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2777.0 | 2777.0 | 2777.0 | 2777.0 | 2777.0 | 2777.0 | 2777.0 | 2777.0 | 2777.0 | 2777.0 | 2777.0 |
| 2.5° | 2784.8 | 2796.2 | 2780.9 | 2777.0 | 2792.5 | 2784.8 | 2780.9 | 2773.1 | 2777.0 | 2769.2 | 2757.8 |
| 5° | 2780.9 | 2796.2 | 2777.0 | 2765.5 | 2784.8 | 2773.1 | 2765.5 | 2757.8 | 2757.8 | 2742.2 | 2734.6 |
| 7.5° | 2769.2 | 2777.0 | 2757.8 | 2746.1 | 2757.8 | 2746.1 | 2738.5 | 2726.9 | 2723.0 | 2703.8 | 2692.1 |
| 10° | 2738.5 | 2746.1 | 2723.0 | 2707.6 | 2719.1 | 2703.8 | 2692.1 | 2680.6 | 2672.9 | 2649.8 | 2634.2 |
| 12.5° | 2696.0 | 2699.9 | 2672.9 | 2653.6 | 2661.2 | 2649.8 | 2630.5 | 2615.0 | 2607.2 | 2584.1 | 2564.9 |
| 15° | 2638.1 | 2642.0 | 2611.1 | 2584.1 | 2591.9 | 2576.5 | 2553.4 | 2537.9 | 2526.4 | 2503.1 | 2476.1 |
| 17.5° | 2568.8 | 2564.9 | 2530.1 | 2503.1 | 2507.0 | 2487.8 | 2464.6 | 2441.5 | 2426.0 | 2399.0 | 2379.8 |
| 20° | 2491.6 | 2480.0 | 2441.5 | 2410.6 | 2414.5 | 2391.4 | 2364.4 | 2341.1 | 2321.9 | 2298.8 | 2271.8 |
| 22.5° | 2395.1 | 2379.8 | 2345.0 | 2306.5 | 2310.4 | 2291.0 | 2252.5 | 2233.1 | 2213.9 | 2183.0 | 2159.9 |
| 25° | 2291.0 | 2267.9 | 2233.1 | 2194.6 | 2194.6 | 2171.5 | 2140.6 | 2117.5 | 2098.2 | 2067.4 | 2040.4 |
| 27.5° | 2167.6 | 2156.0 | 2109.8 | 2078.9 | 2075.0 | 2051.9 | 2024.9 | 1997.9 | 1974.8 | 1947.8 | 1920.8 |
| 30° | 2032.6 | 2013.4 | 1978.6 | 1943.9 | 1936.2 | 1916.9 | 1889.9 | 1859.0 | 1843.6 | 1816.6 | 1793.5 |
| 32.5° | 1889.9 | 1870.6 | 1832.0 | 1797.4 | 1793.5 | 1778.1 | 1754.9 | 1724.1 | 1708.6 | 1689.4 | 1673.9 |
| 35° | 1727.9 | 1720.2 | 1681.6 | 1654.6 | 1654.6 | 1639.2 | 1616.1 | 1589.1 | 1577.5 | 1558.2 | 1538.9 |
| 37.5° | 1573.6 | 1562.1 | 1527.4 | 1504.2 | 1504.2 | 1484.9 | 1461.8 | 1450.2 | 1438.6 | 1423.2 | 1411.6 |
| 40° | 1411.6 | 1403.9 | 1377.0 | 1353.8 | 1357.6 | 1342.2 | 1326.8 | 1311.4 | 1303.6 | 1296.0 | 1284.4 |
| 42.5° | 1261.2 | 1253.5 | 1234.2 | 1215.0 | 1215.0 | 1203.4 | 1188.0 | 1176.4 | 1168.6 | 1157.1 | 1153.2 |
| 45° | 1126.2 | 1114.6 | 1099.2 | 1080.0 | 1080.0 | 1068.4 | 1060.6 | 1053.0 | 1049.1 | 1041.4 | 1029.8 |
| 47.5° | 995.1 | 987.4 | 972.0 | 952.6 | 952.6 | 952.6 | 937.2 | 925.6 | 925.6 | 918.0 | 914.1 |
| 50° | 883.2 | 871.6 | 860.1 | 844.6 | 844.6 | 837.0 | 825.4 | 813.9 | 813.9 | 810.0 | 802.2 |
| 52.5° | 779.1 | 771.4 | 756.0 | 740.5 | 740.5 | 732.9 | 721.2 | 717.4 | 713.5 | 702.0 | 698.1 |
| 55° | 690.4 | 682.6 | 671.1 | 651.9 | 648.0 | 644.1 | 632.5 | 624.9 | 621.0 | 609.4 | 609.4 |
| 57.5° | 609.4 | 601.6 | 582.4 | 570.9 | 567.0 | 559.2 | 547.8 | 540.0 | 536.1 | 528.4 | 520.8 |
| 60° | 540.0 | 528.4 | 513.0 | 497.5 | 493.8 | 486.0 | 474.4 | 466.8 | 462.9 | 447.4 | 439.8 |
| 62.5° | 474.4 | 462.9 | 447.4 | 432.0 | 428.1 | 420.4 | 405.0 | 397.2 | 389.5 | 374.1 | 366.4 |
| 65° | 412.8 | 401.1 | 385.8 | 370.2 | 362.5 | 358.8 | 343.2 | 331.8 | 324.0 | 312.4 | 297.0 |
| 67.5° | 354.9 | 343.2 | 327.9 | 308.5 | 308.5 | 297.0 | 285.4 | 273.9 | 262.2 | 250.8 | 239.1 |
| 70° | 300.9 | 289.2 | 273.9 | 258.4 | 254.5 | 246.9 | 235.2 | 219.9 | 212.1 | 196.8 | 185.1 |
| 72.5° | 250.8 | 239.1 | 223.8 | 208.2 | 204.4 | 196.8 | 185.1 | 169.8 | 158.1 | 146.6 | 135.0 |
| 75° | 204.4 | 192.9 | 177.4 | 165.9 | 162.0 | 154.2 | 142.8 | 127.2 | 115.8 | 108.0 | 96.4 |
| 77.5° | 162.0 | 150.4 | 138.9 | 127.2 | 123.4 | 115.8 | 104.1 | 96.4 | 84.9 | 77.1 | 65.6 |
| 80° | 123.4 | 115.8 | 104.1 | 96.4 | 92.6 | 84.9 | 77.1 | 65.6 | 57.9 | 50.1 | 46.2 |
| 82.5° | 88.8 | 81.0 | 73.2 | 61.8 | 61.8 | 54.0 | 50.1 | 42.4 | 34.8 | 30.9 | 27.0 |
| 85° | 50.1 | 42.4 | 38.6 | 34.8 | 30.9 | 30.9 | 27.0 | 23.1 | 19.2 | 15.4 | 15.4 |
| 87.5° | 15.4 | 15.4 | 11.6 | 11.6 | 11.6 | 11.6 | 7.8 | 7.8 | 7.8 | 7.8 | 7.8 |
| 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: P252514

CATALOG NUMBER: LE_6B50D010R EC6B30509040 6LBLWW1H

CANDELA DISTRIBUTION (continued):

| | 100° | 105° | 110° | 112.5° | 115° | 120° | 125° | 130° | 135° | 140° | 145° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2777.0 | 2777.0 | 2777.0 | 2777.0 | 2777.0 | 2777.0 | 2777.0 | 2777.0 | 2777.0 | 2777.0 | 2777.0 |
| 2.5° | 2757.8 | 2761.6 | 2753.9 | 2761.6 | 2753.9 | 2757.8 | 2750.0 | 2757.8 | 2750.0 | 2757.8 | 2742.2 |
| 5° | 2730.8 | 2730.8 | 2719.1 | 2726.9 | 2719.1 | 2723.0 | 2707.6 | 2711.5 | 2703.8 | 2711.5 | 2696.0 |
| 7.5° | 2684.5 | 2688.2 | 2669.0 | 2676.8 | 2665.1 | 2665.1 | 2653.6 | 2657.5 | 2645.9 | 2649.8 | 2638.1 |
| 10° | 2630.5 | 2626.6 | 2607.2 | 2615.0 | 2599.6 | 2599.6 | 2588.0 | 2588.0 | 2572.6 | 2576.5 | 2561.0 |
| 12.5° | 2553.4 | 2549.5 | 2526.4 | 2534.0 | 2518.6 | 2518.6 | 2507.0 | 2507.0 | 2491.6 | 2499.4 | 2483.9 |
| 15° | 2464.6 | 2460.8 | 2437.6 | 2441.5 | 2426.0 | 2426.0 | 2410.6 | 2414.5 | 2402.9 | 2410.6 | 2395.1 |
| 17.5° | 2364.4 | 2360.5 | 2337.4 | 2341.1 | 2321.9 | 2325.8 | 2314.1 | 2310.4 | 2302.6 | 2306.5 | 2294.9 |
| 20° | 2260.1 | 2252.5 | 2229.4 | 2233.1 | 2225.5 | 2213.9 | 2206.1 | 2210.0 | 2202.4 | 2210.0 | 2198.5 |
| 22.5° | 2152.2 | 2136.8 | 2117.5 | 2117.5 | 2109.8 | 2109.8 | 2098.2 | 2105.9 | 2090.5 | 2102.0 | 2094.4 |
| 25° | 2028.8 | 2017.2 | 2001.8 | 2009.5 | 1994.0 | 1994.0 | 1982.5 | 1986.4 | 1978.6 | 1986.4 | 1978.6 |
| 27.5° | 1909.2 | 1901.5 | 1878.4 | 1886.0 | 1874.5 | 1878.4 | 1866.8 | 1870.6 | 1866.8 | 1874.5 | 1866.8 |
| 30° | 1781.9 | 1778.1 | 1762.6 | 1762.6 | 1758.8 | 1754.9 | 1751.1 | 1751.1 | 1747.2 | 1758.8 | 1751.1 |
| 32.5° | 1662.4 | 1650.8 | 1635.4 | 1646.9 | 1627.6 | 1639.2 | 1631.5 | 1639.2 | 1631.5 | 1639.2 | 1635.4 |
| 35° | 1538.9 | 1535.1 | 1515.8 | 1519.6 | 1515.8 | 1515.8 | 1511.9 | 1511.9 | 1511.9 | 1523.5 | 1523.5 |
| 37.5° | 1407.8 | 1403.9 | 1392.4 | 1396.2 | 1388.5 | 1384.6 | 1384.6 | 1392.4 | 1392.4 | 1400.1 | 1400.1 |
| 40° | 1280.5 | 1284.4 | 1272.8 | 1272.8 | 1269.0 | 1269.0 | 1269.0 | 1276.6 | 1272.8 | 1280.5 | 1276.6 |
| 42.5° | 1153.2 | 1153.2 | 1141.6 | 1145.5 | 1141.6 | 1145.5 | 1145.5 | 1153.2 | 1153.2 | 1157.1 | 1153.2 |
| 45° | 1033.6 | 1033.6 | 1029.8 | 1033.6 | 1026.0 | 1029.8 | 1026.0 | 1033.6 | 1029.8 | 1033.6 | 1033.6 |
| 47.5° | 914.1 | 914.1 | 914.1 | 910.2 | 910.2 | 910.2 | 910.2 | 910.2 | 906.4 | 914.1 | 910.2 |
| 50° | 802.2 | 806.1 | 802.2 | 802.2 | 798.4 | 802.2 | 798.4 | 798.4 | 790.6 | 794.5 | 794.5 |
| 52.5° | 702.0 | 702.0 | 694.2 | 694.2 | 694.2 | 690.4 | 690.4 | 690.4 | 686.5 | 686.5 | 678.9 |
| 55° | 605.5 | 605.5 | 597.9 | 597.9 | 594.0 | 590.1 | 586.2 | 586.2 | 574.8 | 574.8 | 563.1 |
| 57.5° | 516.9 | 513.0 | 501.4 | 501.4 | 493.8 | 489.9 | 486.0 | 482.1 | 474.4 | 466.8 | 462.9 |
| 60° | 435.9 | 428.1 | 420.4 | 416.5 | 408.9 | 401.1 | 393.4 | 385.8 | 378.0 | 374.1 | 370.2 |
| 62.5° | 358.8 | 347.1 | 339.4 | 335.5 | 327.9 | 316.2 | 308.5 | 300.9 | 293.1 | 289.2 | 281.5 |
| 65° | 289.2 | 277.8 | 266.1 | 262.2 | 254.5 | 246.9 | 235.2 | 227.5 | 219.9 | 216.0 | 216.0 |
| 67.5° | 227.5 | 216.0 | 200.5 | 200.5 | 192.9 | 185.1 | 177.4 | 169.8 | 165.9 | 169.8 | 169.8 |
| 70° | 169.8 | 162.0 | 150.4 | 146.6 | 138.9 | 131.1 | 127.2 | 127.2 | 127.2 | 131.1 | 127.2 |
| 72.5° | 127.2 | 115.8 | 108.0 | 104.1 | 100.2 | 96.4 | 96.4 | 96.4 | 92.6 | 96.4 | 96.4 |
| 75° | 88.8 | 81.0 | 73.2 | 73.2 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 |
| 77.5° | 61.8 | 54.0 | 50.1 | 50.1 | 50.1 | 46.2 | 46.2 | 46.2 | 46.2 | 46.2 | 46.2 |
| 80° | 38.6 | 38.6 | 34.8 | 34.8 | 30.9 | 30.9 | 30.9 | 30.9 | 30.9 | 30.9 | 30.9 |
| 82.5° | 23.1 | 23.1 | 19.2 | 19.2 | 19.2 | 19.2 | 19.2 | 19.2 | 19.2 | 19.2 | 19.2 |
| 85° | 11.6 | 11.6 | 11.6 | 11.6 | 11.6 | 7.8 | 7.8 | 7.8 | 7.8 | 7.8 | 7.8 |
| 87.5° | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 | 7.8 | 7.8 | 7.8 | 7.8 | 7.8 | 7.8 |
| 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: P252514

CATALOG NUMBER: LE_6B50D010R EC6B30509040 6LBLWW1H

CANDELA DISTRIBUTION (continued):

| | 150° | 155° | 157.5° | 160° | 165° | 170° | 175° | 180° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2777.0 | 2777.0 | 2777.0 | 2777.0 | 2777.0 | 2777.0 | 2777.0 | 2777.0 |
| 2.5° | 2742.2 | 2753.9 | 2738.5 | 2750.0 | 2746.1 | 2742.2 | 2734.6 | 2750.0 |
| 5° | 2696.0 | 2699.9 | 2684.5 | 2699.9 | 2696.0 | 2688.2 | 2680.6 | 2696.0 |
| 7.5° | 2630.5 | 2642.0 | 2622.8 | 2638.1 | 2634.2 | 2626.6 | 2618.9 | 2634.2 |
| 10° | 2557.1 | 2568.8 | 2553.4 | 2564.9 | 2564.9 | 2557.1 | 2545.6 | 2561.0 |
| 12.5° | 2476.1 | 2483.9 | 2468.5 | 2483.9 | 2480.0 | 2472.4 | 2468.5 | 2480.0 |
| 15° | 2387.5 | 2399.0 | 2383.6 | 2395.1 | 2391.4 | 2387.5 | 2383.6 | 2395.1 |
| 17.5° | 2291.0 | 2302.6 | 2291.0 | 2302.6 | 2302.6 | 2291.0 | 2287.1 | 2294.9 |
| 20° | 2194.6 | 2202.4 | 2190.8 | 2202.4 | 2198.5 | 2198.5 | 2190.8 | 2202.4 |
| 22.5° | 2086.6 | 2098.2 | 2090.5 | 2098.2 | 2094.4 | 2094.4 | 2090.5 | 2098.2 |
| 25° | 1978.6 | 1990.2 | 1978.6 | 1990.2 | 1986.4 | 1986.4 | 1978.6 | 1997.9 |
| 27.5° | 1870.6 | 1878.4 | 1866.8 | 1882.2 | 1878.4 | 1870.6 | 1874.5 | 1878.4 |
| 30° | 1754.9 | 1762.6 | 1754.9 | 1766.5 | 1766.5 | 1766.5 | 1758.8 | 1766.5 |
| 32.5° | 1639.2 | 1650.8 | 1639.2 | 1650.8 | 1646.9 | 1646.9 | 1643.1 | 1650.8 |
| 35° | 1523.5 | 1527.4 | 1519.6 | 1531.2 | 1531.2 | 1535.1 | 1527.4 | 1538.9 |
| 37.5° | 1403.9 | 1407.8 | 1403.9 | 1407.8 | 1415.5 | 1403.9 | 1411.6 | 1415.5 |
| 40° | 1280.5 | 1288.2 | 1284.4 | 1288.2 | 1288.2 | 1292.1 | 1288.2 | 1292.1 |
| 42.5° | 1157.1 | 1164.8 | 1157.1 | 1168.6 | 1164.8 | 1164.8 | 1168.6 | 1168.6 |
| 45° | 1029.8 | 1041.4 | 1033.6 | 1041.4 | 1045.2 | 1041.4 | 1041.4 | 1049.1 |
| 47.5° | 910.2 | 918.0 | 914.1 | 918.0 | 918.0 | 918.0 | 918.0 | 925.6 |
| 50° | 790.6 | 794.5 | 794.5 | 798.4 | 798.4 | 802.2 | 794.5 | 798.4 |
| 52.5° | 671.1 | 678.9 | 678.9 | 678.9 | 675.0 | 678.9 | 678.9 | 678.9 |
| 55° | 563.1 | 567.0 | 559.2 | 567.0 | 567.0 | 563.1 | 563.1 | 570.9 |
| 57.5° | 459.0 | 459.0 | 459.0 | 459.0 | 459.0 | 455.1 | 459.0 | 459.0 |
| 60° | 362.5 | 366.4 | 362.5 | 362.5 | 362.5 | 362.5 | 358.8 | 366.4 |
| 62.5° | 281.5 | 281.5 | 277.8 | 281.5 | 281.5 | 281.5 | 285.4 | 285.4 |
| 65° | 219.9 | 223.8 | 219.9 | 223.8 | 223.8 | 223.8 | 223.8 | 227.5 |
| 67.5° | 173.6 | 173.6 | 173.6 | 173.6 | 173.6 | 173.6 | 173.6 | 173.6 |
| 70° | 131.1 | 131.1 | 131.1 | 135.0 | 131.1 | 131.1 | 131.1 | 135.0 |
| 72.5° | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 100.2 | 100.2 |
| 75° | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 |
| 77.5° | 46.2 | 46.2 | 46.2 | 50.1 | 46.2 | 50.1 | 46.2 | 46.2 |
| 80° | 30.9 | 30.9 | 30.9 | 30.9 | 30.9 | 30.9 | 30.9 | 30.9 |
| 82.5° | 19.2 | 19.2 | 19.2 | 19.2 | 19.2 | 19.2 | 19.2 | 19.2 |
| 85° | 7.8 | 7.8 | 7.8 | 7.8 | 7.8 | 7.8 | 7.8 | 7.8 |
| 87.5° | 7.8 | 7.8 | 7.8 | 7.8 | 3.9 | 3.9 | 3.9 | 3.9 |
| 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)