

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: P252537

Luminaire Tested: **LD6B70D010TE EU6B60709027 6LBLWW1H**

Issue Date: 3/3/2020

Test Information

Test Method: LM-41-14
Report Number: P252537
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: io LED
Catalog Number: LD6B70D010TE EU6B60709027 6LBLWW1H
Description: PORTFOLIO 6 INCH LENS WALLWASH RECESSED DOWNLIGHT, WITH HAZE TRIM
Light Source: (1) HIGH LUMEN LED 90CRI / 2700K CCT
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4943.0 lumens
Efficiency: N/A
Efficacy: 62.2 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

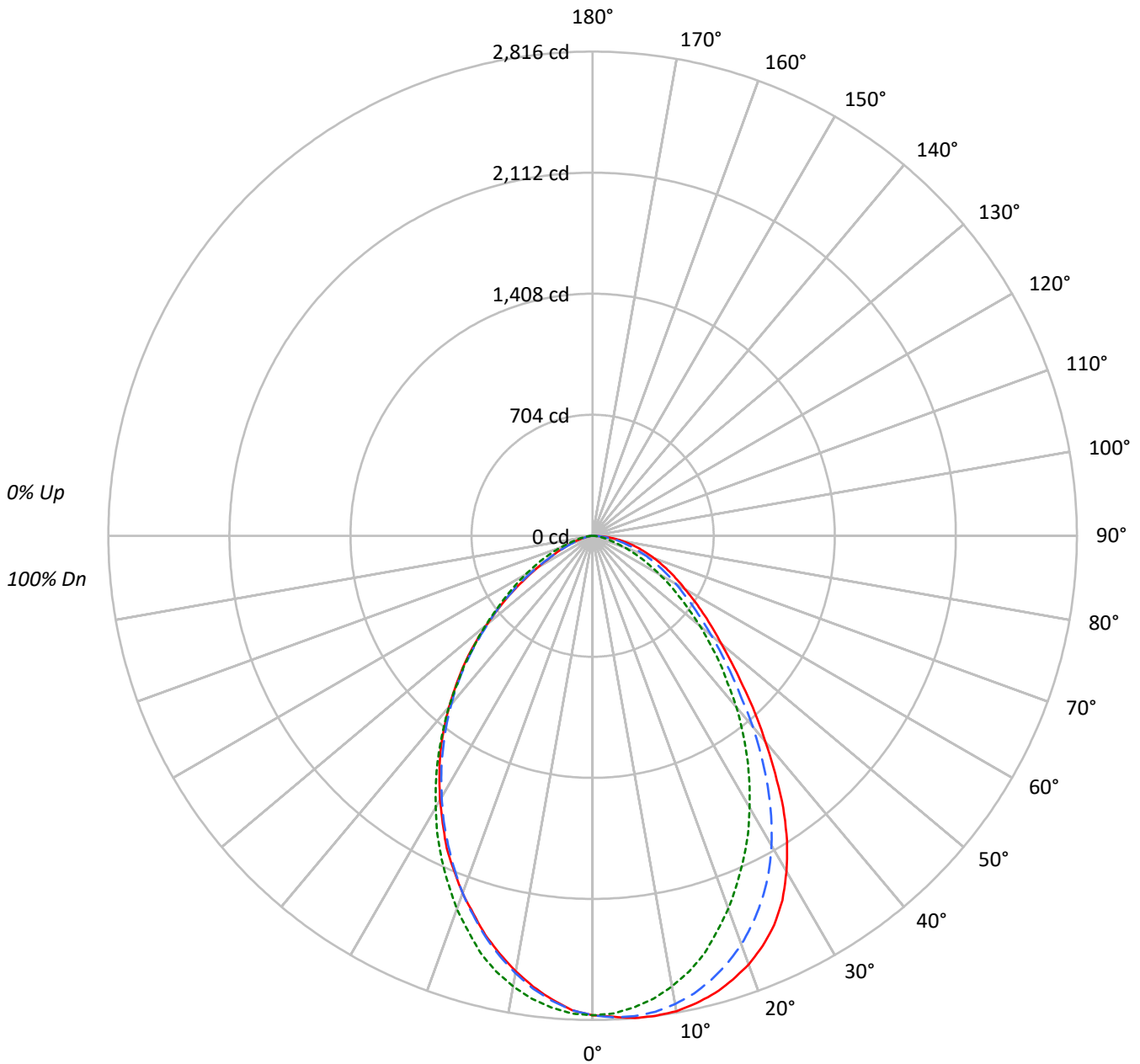
Input Watts (W): 79.45
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P252537

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Luminous Intensity Polar Plot





TEST NUMBER: P252537

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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° | 181930 | 181930 | 181930 |
| 5° | 184400 | 180339 | 177301 |
| 10° | 186015 | 176270 | 170368 |
| 15° | 185991 | 169774 | 162452 |
| 20° | 184191 | 160260 | 153539 |
| 25° | 179826 | 149434 | 144416 |
| 30° | 169809 | 137423 | 133626 |
| 35° | 153920 | 124619 | 123074 |
| 40° | 132926 | 110826 | 110502 |
| 45° | 113992 | 96481 | 97200 |
| 50° | 99060 | 82547 | 81370 |
| 55° | 88993 | 69600 | 65198 |
| 60° | 80859 | 58625 | 48004 |
| 65° | 75936 | 48427 | 35274 |
| 70° | 72409 | 37673 | 25866 |
| 75° | 69319 | 27324 | 17569 |
| 80° | 65486 | 18898 | 11647 |
| 85° | 58013 | 11603 | 5764 |



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 260.8 | 5.3 |
| 10°-20° | 714.4 | 14.5 |
| 20°-30° | 991.8 | 20.1 |
| 30°-40° | 1027.3 | 20.8 |
| 40°-50° | 844.2 | 17.1 |
| 50°-60° | 580.2 | 11.7 |
| 60°-70° | 333.5 | 6.7 |
| 70°-80° | 153.3 | 3.1 |
| 80°-90° | 37.3 | 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° | 1967.1 | 39.8 |
| 0°-40° | 2994.4 | 60.6 |
| 0°-60° | 4418.8 | 89.4 |
| 0°-90° | 4943.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 4943.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 45° | 90° | 135° | 180° | Flux |
|-----|------|------|------|------|------|------|
| 0° | 2789 | 2789 | 2789 | 2789 | 2789 | |
| 5° | 2816 | 2804 | 2754 | 2715 | 2707 | 268 |
| 15° | 2754 | 2672 | 2514 | 2413 | 2405 | 776 |
| 25° | 2498 | 2332 | 2076 | 1987 | 2006 | 1143 |
| 35° | 1933 | 1774 | 1565 | 1518 | 1545 | 1198 |
| 45° | 1236 | 1142 | 1046 | 1034 | 1054 | 962 |
| 55° | 782 | 709 | 612 | 577 | 573 | 704 |
| 65° | 492 | 430 | 314 | 221 | 228 | 490 |
| 75° | 275 | 217 | 108 | 70 | 70 | 291 |
| 85° | 78 | 54 | 16 | 8 | 8 | 87 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P252537

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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 22.5° | 25° | 30° | 35° | 40° | 45° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2788.6 | 2788.6 | 2788.6 | 2788.6 | 2788.6 | 2788.6 | 2788.6 | 2788.6 | 2788.6 | 2788.6 | 2788.6 |
| 2.5° | 2800.2 | 2823.4 | 2807.9 | 2804.1 | 2811.8 | 2811.8 | 2811.8 | 2800.2 | 2807.9 | 2796.3 | 2804.1 |
| 5° | 2815.7 | 2835.1 | 2819.6 | 2811.8 | 2819.6 | 2823.4 | 2811.8 | 2804.1 | 2815.7 | 2800.2 | 2804.1 |
| 7.5° | 2815.7 | 2835.1 | 2819.6 | 2815.7 | 2819.6 | 2819.6 | 2815.7 | 2800.2 | 2807.9 | 2792.5 | 2792.5 |
| 10° | 2807.9 | 2823.4 | 2807.9 | 2800.2 | 2804.1 | 2800.2 | 2800.2 | 2780.8 | 2784.7 | 2765.3 | 2765.3 |
| 12.5° | 2784.7 | 2804.1 | 2784.7 | 2777.0 | 2777.0 | 2777.0 | 2765.3 | 2749.9 | 2753.7 | 2730.5 | 2726.6 |
| 15° | 2753.7 | 2769.2 | 2749.9 | 2742.1 | 2742.1 | 2738.2 | 2730.5 | 2707.3 | 2707.3 | 2684.0 | 2672.4 |
| 17.5° | 2707.3 | 2722.7 | 2707.3 | 2695.6 | 2691.8 | 2684.0 | 2676.3 | 2653.0 | 2645.3 | 2618.2 | 2606.6 |
| 20° | 2653.0 | 2664.6 | 2649.2 | 2637.5 | 2629.8 | 2622.0 | 2606.6 | 2583.3 | 2575.6 | 2548.5 | 2529.1 |
| 22.5° | 2583.3 | 2598.8 | 2575.6 | 2563.9 | 2556.2 | 2544.6 | 2529.1 | 2505.9 | 2494.2 | 2459.4 | 2436.1 |
| 25° | 2498.1 | 2505.9 | 2486.5 | 2474.9 | 2459.4 | 2451.6 | 2440.0 | 2409.0 | 2397.4 | 2358.7 | 2331.6 |
| 27.5° | 2389.7 | 2397.4 | 2374.2 | 2366.4 | 2347.1 | 2339.3 | 2323.8 | 2296.7 | 2281.2 | 2242.5 | 2215.4 |
| 30° | 2254.1 | 2261.9 | 2246.4 | 2234.7 | 2219.2 | 2203.8 | 2192.1 | 2165.0 | 2141.8 | 2103.1 | 2079.8 |
| 32.5° | 2103.1 | 2114.7 | 2099.2 | 2083.7 | 2056.6 | 2060.5 | 2041.1 | 2014.0 | 1994.6 | 1959.8 | 1932.6 |
| 35° | 1932.6 | 1940.4 | 1921.0 | 1917.2 | 1901.7 | 1886.2 | 1866.8 | 1847.4 | 1835.8 | 1797.1 | 1773.8 |
| 37.5° | 1742.9 | 1762.2 | 1742.9 | 1727.4 | 1719.6 | 1708.0 | 1696.4 | 1669.3 | 1661.5 | 1638.3 | 1607.3 |
| 40° | 1560.8 | 1572.5 | 1560.8 | 1545.3 | 1533.7 | 1533.7 | 1518.2 | 1502.7 | 1483.4 | 1460.1 | 1448.5 |
| 42.5° | 1398.2 | 1390.4 | 1386.5 | 1378.8 | 1363.3 | 1359.4 | 1355.6 | 1336.2 | 1324.6 | 1301.3 | 1282.0 |
| 45° | 1235.5 | 1239.4 | 1231.6 | 1227.8 | 1216.1 | 1208.4 | 1200.6 | 1185.1 | 1181.3 | 1158.0 | 1142.5 |
| 47.5° | 1099.9 | 1096.1 | 1088.3 | 1088.3 | 1080.6 | 1072.8 | 1065.1 | 1053.5 | 1049.6 | 1030.2 | 1014.7 |
| 50° | 976.0 | 979.9 | 976.0 | 972.1 | 960.5 | 956.6 | 948.9 | 941.1 | 933.4 | 914.0 | 898.5 |
| 52.5° | 875.3 | 871.4 | 867.6 | 867.6 | 855.9 | 852.1 | 844.3 | 836.6 | 828.8 | 809.5 | 797.8 |
| 55° | 782.4 | 782.4 | 778.5 | 774.6 | 763.0 | 759.1 | 755.2 | 747.5 | 735.9 | 720.4 | 708.8 |
| 57.5° | 697.1 | 697.1 | 693.3 | 689.4 | 681.7 | 681.7 | 673.9 | 666.2 | 658.4 | 642.9 | 627.4 |
| 60° | 619.7 | 623.6 | 619.7 | 615.8 | 608.1 | 608.1 | 604.2 | 592.6 | 588.7 | 569.3 | 557.7 |
| 62.5° | 553.8 | 553.8 | 553.8 | 550.0 | 546.1 | 538.4 | 538.4 | 526.7 | 519.0 | 507.4 | 491.9 |
| 65° | 491.9 | 491.9 | 491.9 | 488.0 | 480.3 | 476.4 | 472.5 | 464.8 | 457.0 | 445.4 | 429.9 |
| 67.5° | 433.8 | 433.8 | 433.8 | 429.9 | 422.2 | 418.3 | 414.4 | 410.5 | 398.9 | 387.3 | 371.8 |
| 70° | 379.6 | 379.6 | 375.7 | 371.8 | 367.9 | 364.1 | 360.2 | 352.4 | 344.7 | 329.2 | 317.6 |
| 72.5° | 325.3 | 325.3 | 325.3 | 317.6 | 313.7 | 313.7 | 306.0 | 302.1 | 294.4 | 278.9 | 267.2 |
| 75° | 275.0 | 271.1 | 271.1 | 267.2 | 263.4 | 259.5 | 255.6 | 251.7 | 240.1 | 232.4 | 216.9 |
| 77.5° | 224.6 | 224.6 | 220.8 | 216.9 | 216.9 | 213.0 | 209.1 | 201.4 | 197.5 | 185.9 | 174.3 |
| 80° | 174.3 | 174.3 | 174.3 | 174.3 | 170.4 | 166.5 | 166.5 | 158.8 | 154.9 | 143.3 | 135.6 |
| 82.5° | 131.7 | 127.8 | 127.8 | 127.8 | 123.9 | 120.1 | 120.1 | 116.2 | 112.3 | 104.6 | 96.8 |
| 85° | 77.5 | 73.6 | 73.6 | 73.6 | 69.7 | 69.7 | 65.8 | 65.8 | 62.0 | 54.2 | 54.2 |
| 87.5° | 23.2 | 23.2 | 27.1 | 27.1 | 23.2 | 23.2 | 23.2 | 23.2 | 23.2 | 19.4 | 19.4 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



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CANDELA DISTRIBUTION (continued):

| | 50° | 55° | 60° | 65° | 67.5° | 70° | 75° | 80° | 85° | 90° | 95° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2788.6 | 2788.6 | 2788.6 | 2788.6 | 2788.6 | 2788.6 | 2788.6 | 2788.6 | 2788.6 | 2788.6 | 2788.6 |
| 2.5° | 2796.3 | 2807.9 | 2792.5 | 2788.6 | 2804.1 | 2796.3 | 2792.5 | 2784.7 | 2788.6 | 2780.8 | 2769.2 |
| 5° | 2792.5 | 2807.9 | 2788.6 | 2777.0 | 2796.3 | 2784.7 | 2777.0 | 2769.2 | 2769.2 | 2753.7 | 2746.0 |
| 7.5° | 2780.8 | 2788.6 | 2769.2 | 2757.6 | 2769.2 | 2757.6 | 2749.9 | 2738.2 | 2734.4 | 2715.0 | 2703.4 |
| 10° | 2749.9 | 2757.6 | 2734.4 | 2718.9 | 2730.5 | 2715.0 | 2703.4 | 2691.8 | 2684.0 | 2660.8 | 2645.3 |
| 12.5° | 2707.3 | 2711.1 | 2684.0 | 2664.6 | 2672.4 | 2660.8 | 2641.4 | 2625.9 | 2618.2 | 2594.9 | 2575.6 |
| 15° | 2649.2 | 2653.0 | 2622.0 | 2594.9 | 2602.7 | 2587.2 | 2563.9 | 2548.5 | 2536.8 | 2513.6 | 2486.5 |
| 17.5° | 2579.4 | 2575.6 | 2540.7 | 2513.6 | 2517.5 | 2498.1 | 2474.9 | 2451.6 | 2436.1 | 2409.0 | 2389.7 |
| 20° | 2502.0 | 2490.4 | 2451.6 | 2420.6 | 2424.5 | 2401.3 | 2374.2 | 2350.9 | 2331.6 | 2308.3 | 2281.2 |
| 22.5° | 2405.2 | 2389.7 | 2354.8 | 2316.1 | 2319.9 | 2300.6 | 2261.9 | 2242.5 | 2223.1 | 2192.1 | 2168.9 |
| 25° | 2300.6 | 2277.3 | 2242.5 | 2203.8 | 2203.8 | 2180.5 | 2149.5 | 2126.3 | 2106.9 | 2075.9 | 2048.8 |
| 27.5° | 2176.6 | 2165.0 | 2118.5 | 2087.6 | 2083.7 | 2060.5 | 2033.3 | 2006.2 | 1983.0 | 1955.9 | 1928.8 |
| 30° | 2041.1 | 2021.7 | 1986.9 | 1952.0 | 1944.3 | 1924.9 | 1897.8 | 1866.8 | 1851.3 | 1824.2 | 1801.0 |
| 32.5° | 1897.8 | 1878.4 | 1839.7 | 1804.8 | 1801.0 | 1785.5 | 1762.2 | 1731.2 | 1715.8 | 1696.4 | 1680.9 |
| 35° | 1735.1 | 1727.4 | 1688.6 | 1661.5 | 1661.5 | 1646.0 | 1622.8 | 1595.7 | 1584.1 | 1564.7 | 1545.3 |
| 37.5° | 1580.2 | 1568.6 | 1533.7 | 1510.5 | 1510.5 | 1491.1 | 1467.9 | 1456.3 | 1444.6 | 1429.1 | 1417.5 |
| 40° | 1417.5 | 1409.8 | 1382.7 | 1359.4 | 1363.3 | 1347.8 | 1332.3 | 1316.8 | 1309.1 | 1301.3 | 1289.7 |
| 42.5° | 1266.5 | 1258.7 | 1239.4 | 1220.0 | 1220.0 | 1208.4 | 1192.9 | 1181.3 | 1173.5 | 1161.9 | 1158.0 |
| 45° | 1130.9 | 1119.3 | 1103.8 | 1084.4 | 1084.4 | 1072.8 | 1065.1 | 1057.3 | 1053.5 | 1045.7 | 1034.1 |
| 47.5° | 999.2 | 991.5 | 976.0 | 956.6 | 956.6 | 956.6 | 941.1 | 929.5 | 929.5 | 921.8 | 917.9 |
| 50° | 886.9 | 875.3 | 863.7 | 848.2 | 848.2 | 840.4 | 828.8 | 817.2 | 817.2 | 813.3 | 805.6 |
| 52.5° | 782.4 | 774.6 | 759.1 | 743.6 | 743.6 | 735.9 | 724.3 | 720.4 | 716.5 | 704.9 | 701.0 |
| 55° | 693.3 | 685.5 | 673.9 | 654.5 | 650.7 | 646.8 | 635.2 | 627.4 | 623.6 | 611.9 | 611.9 |
| 57.5° | 611.9 | 604.2 | 584.8 | 573.2 | 569.3 | 561.6 | 550.0 | 542.2 | 538.4 | 530.6 | 522.9 |
| 60° | 542.2 | 530.6 | 515.1 | 499.6 | 495.7 | 488.0 | 476.4 | 468.6 | 464.8 | 449.3 | 441.5 |
| 62.5° | 476.4 | 464.8 | 449.3 | 433.8 | 429.9 | 422.2 | 406.7 | 398.9 | 391.2 | 375.7 | 367.9 |
| 65° | 414.4 | 402.8 | 387.3 | 371.8 | 364.1 | 360.2 | 344.7 | 333.1 | 325.3 | 313.7 | 298.2 |
| 67.5° | 356.3 | 344.7 | 329.2 | 309.8 | 309.8 | 298.2 | 286.6 | 275.0 | 263.4 | 251.7 | 240.1 |
| 70° | 302.1 | 290.5 | 275.0 | 259.5 | 255.6 | 247.9 | 236.3 | 220.8 | 213.0 | 197.5 | 185.9 |
| 72.5° | 251.7 | 240.1 | 224.6 | 209.1 | 205.3 | 197.5 | 185.9 | 170.4 | 158.8 | 147.2 | 135.6 |
| 75° | 205.3 | 193.7 | 178.2 | 166.5 | 162.7 | 154.9 | 143.3 | 127.8 | 116.2 | 108.4 | 96.8 |
| 77.5° | 162.7 | 151.0 | 139.4 | 127.8 | 123.9 | 116.2 | 104.6 | 96.8 | 85.2 | 77.5 | 65.8 |
| 80° | 123.9 | 116.2 | 104.6 | 96.8 | 93.0 | 85.2 | 77.5 | 65.8 | 58.1 | 50.3 | 46.5 |
| 82.5° | 89.1 | 81.3 | 73.6 | 62.0 | 62.0 | 54.2 | 50.3 | 42.6 | 34.9 | 31.0 | 27.1 |
| 85° | 50.3 | 42.6 | 38.7 | 34.9 | 31.0 | 31.0 | 27.1 | 23.2 | 19.4 | 15.5 | 15.5 |
| 87.5° | 15.5 | 15.5 | 11.6 | 11.6 | 11.6 | 11.6 | 7.7 | 7.7 | 7.7 | 7.7 | 7.7 |
| 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: P252537

CATALOG NUMBER: LD6B70D010TE EU6B60709027 6LBLWW1H

CANDELA DISTRIBUTION (continued):

| | 100° | 105° | 110° | 112.5° | 115° | 120° | 125° | 130° | 135° | 140° | 145° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2788.6 | 2788.6 | 2788.6 | 2788.6 | 2788.6 | 2788.6 | 2788.6 | 2788.6 | 2788.6 | 2788.6 | 2788.6 |
| 2.5° | 2769.2 | 2773.1 | 2765.3 | 2773.1 | 2765.3 | 2769.2 | 2761.5 | 2769.2 | 2761.5 | 2769.2 | 2753.7 |
| 5° | 2742.1 | 2742.1 | 2730.5 | 2738.2 | 2730.5 | 2734.4 | 2718.9 | 2722.7 | 2715.0 | 2722.7 | 2707.3 |
| 7.5° | 2695.6 | 2699.5 | 2680.1 | 2687.9 | 2676.3 | 2676.3 | 2664.6 | 2668.5 | 2656.9 | 2660.8 | 2649.2 |
| 10° | 2641.4 | 2637.5 | 2618.2 | 2625.9 | 2610.4 | 2610.4 | 2598.8 | 2598.8 | 2583.3 | 2587.2 | 2571.7 |
| 12.5° | 2563.9 | 2560.1 | 2536.8 | 2544.6 | 2529.1 | 2529.1 | 2517.5 | 2517.5 | 2502.0 | 2509.7 | 2494.2 |
| 15° | 2474.9 | 2471.0 | 2447.8 | 2451.6 | 2436.1 | 2436.1 | 2420.6 | 2424.5 | 2412.9 | 2420.6 | 2405.2 |
| 17.5° | 2374.2 | 2370.3 | 2347.1 | 2350.9 | 2331.6 | 2335.4 | 2323.8 | 2319.9 | 2312.2 | 2316.1 | 2304.5 |
| 20° | 2269.6 | 2261.9 | 2238.6 | 2242.5 | 2234.7 | 2223.1 | 2215.4 | 2219.2 | 2211.5 | 2219.2 | 2207.6 |
| 22.5° | 2161.2 | 2145.7 | 2126.3 | 2126.3 | 2118.5 | 2118.5 | 2106.9 | 2114.7 | 2099.2 | 2110.8 | 2103.1 |
| 25° | 2037.2 | 2025.6 | 2010.1 | 2017.9 | 2002.4 | 2002.4 | 1990.7 | 1994.6 | 1986.9 | 1994.6 | 1986.9 |
| 27.5° | 1917.2 | 1909.4 | 1886.2 | 1893.9 | 1882.3 | 1886.2 | 1874.5 | 1878.4 | 1874.5 | 1882.3 | 1874.5 |
| 30° | 1789.3 | 1785.5 | 1770.0 | 1770.0 | 1766.1 | 1762.2 | 1758.4 | 1758.4 | 1754.5 | 1766.1 | 1758.4 |
| 32.5° | 1669.3 | 1657.7 | 1642.2 | 1653.8 | 1634.4 | 1646.0 | 1638.3 | 1646.0 | 1638.3 | 1646.0 | 1642.2 |
| 35° | 1545.3 | 1541.5 | 1522.1 | 1526.0 | 1522.1 | 1522.1 | 1518.2 | 1518.2 | 1518.2 | 1529.8 | 1529.8 |
| 37.5° | 1413.7 | 1409.8 | 1398.2 | 1402.0 | 1394.3 | 1390.4 | 1390.4 | 1398.2 | 1398.2 | 1405.9 | 1405.9 |
| 40° | 1285.8 | 1289.7 | 1278.1 | 1278.1 | 1274.2 | 1274.2 | 1274.2 | 1282.0 | 1278.1 | 1285.8 | 1282.0 |
| 42.5° | 1158.0 | 1158.0 | 1146.4 | 1150.3 | 1146.4 | 1150.3 | 1150.3 | 1158.0 | 1158.0 | 1161.9 | 1158.0 |
| 45° | 1038.0 | 1038.0 | 1034.1 | 1038.0 | 1030.2 | 1034.1 | 1030.2 | 1038.0 | 1034.1 | 1038.0 | 1038.0 |
| 47.5° | 917.9 | 917.9 | 917.9 | 914.0 | 914.0 | 914.0 | 914.0 | 914.0 | 910.2 | 917.9 | 914.0 |
| 50° | 805.6 | 809.5 | 805.6 | 805.6 | 801.7 | 805.6 | 801.7 | 801.7 | 794.0 | 797.8 | 797.8 |
| 52.5° | 704.9 | 704.9 | 697.1 | 697.1 | 697.1 | 693.3 | 693.3 | 693.3 | 689.4 | 689.4 | 681.7 |
| 55° | 608.1 | 608.1 | 600.3 | 600.3 | 596.4 | 592.6 | 588.7 | 588.7 | 577.1 | 577.1 | 565.5 |
| 57.5° | 519.0 | 515.1 | 503.5 | 503.5 | 495.7 | 491.9 | 488.0 | 484.1 | 476.4 | 468.6 | 464.8 |
| 60° | 437.7 | 429.9 | 422.2 | 418.3 | 410.5 | 402.8 | 395.0 | 387.3 | 379.6 | 375.7 | 371.8 |
| 62.5° | 360.2 | 348.6 | 340.8 | 337.0 | 329.2 | 317.6 | 309.8 | 302.1 | 294.4 | 290.5 | 282.7 |
| 65° | 290.5 | 278.9 | 267.2 | 263.4 | 255.6 | 247.9 | 236.3 | 228.5 | 220.8 | 216.9 | 216.9 |
| 67.5° | 228.5 | 216.9 | 201.4 | 201.4 | 193.7 | 185.9 | 178.2 | 170.4 | 166.5 | 170.4 | 170.4 |
| 70° | 170.4 | 162.7 | 151.0 | 147.2 | 139.4 | 131.7 | 127.8 | 127.8 | 127.8 | 131.7 | 127.8 |
| 72.5° | 127.8 | 116.2 | 108.4 | 104.6 | 100.7 | 96.8 | 96.8 | 96.8 | 93.0 | 96.8 | 96.8 |
| 75° | 89.1 | 81.3 | 73.6 | 73.6 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 |
| 77.5° | 62.0 | 54.2 | 50.3 | 50.3 | 50.3 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 |
| 80° | 38.7 | 38.7 | 34.9 | 34.9 | 31.0 | 31.0 | 31.0 | 31.0 | 31.0 | 31.0 | 31.0 |
| 82.5° | 23.2 | 23.2 | 19.4 | 19.4 | 19.4 | 19.4 | 19.4 | 19.4 | 19.4 | 19.4 | 19.4 |
| 85° | 11.6 | 11.6 | 11.6 | 11.6 | 11.6 | 7.7 | 7.7 | 7.7 | 7.7 | 7.7 | 7.7 |
| 87.5° | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 | 7.7 | 7.7 | 7.7 | 7.7 | 7.7 | 7.7 |
| 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: P252537

CATALOG NUMBER: LD6B70D010TE EU6B60709027 6LBLWW1H

CANDELA DISTRIBUTION (continued):

| | 150° | 155° | 157.5° | 160° | 165° | 170° | 175° | 180° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2788.6 | 2788.6 | 2788.6 | 2788.6 | 2788.6 | 2788.6 | 2788.6 | 2788.6 |
| 2.5° | 2753.7 | 2765.3 | 2749.9 | 2761.5 | 2757.6 | 2753.7 | 2746.0 | 2761.5 |
| 5° | 2707.3 | 2711.1 | 2695.6 | 2711.1 | 2707.3 | 2699.5 | 2691.8 | 2707.3 |
| 7.5° | 2641.4 | 2653.0 | 2633.7 | 2649.2 | 2645.3 | 2637.5 | 2629.8 | 2645.3 |
| 10° | 2567.8 | 2579.4 | 2563.9 | 2575.6 | 2575.6 | 2567.8 | 2556.2 | 2571.7 |
| 12.5° | 2486.5 | 2494.2 | 2478.7 | 2494.2 | 2490.4 | 2482.6 | 2478.7 | 2490.4 |
| 15° | 2397.4 | 2409.0 | 2393.5 | 2405.2 | 2401.3 | 2397.4 | 2393.5 | 2405.2 |
| 17.5° | 2300.6 | 2312.2 | 2300.6 | 2312.2 | 2312.2 | 2300.6 | 2296.7 | 2304.5 |
| 20° | 2203.8 | 2211.5 | 2199.9 | 2211.5 | 2207.6 | 2207.6 | 2199.9 | 2211.5 |
| 22.5° | 2095.3 | 2106.9 | 2099.2 | 2106.9 | 2103.1 | 2103.1 | 2099.2 | 2106.9 |
| 25° | 1986.9 | 1998.5 | 1986.9 | 1998.5 | 1994.6 | 1994.6 | 1986.9 | 2006.2 |
| 27.5° | 1878.4 | 1886.2 | 1874.5 | 1890.0 | 1886.2 | 1878.4 | 1882.3 | 1886.2 |
| 30° | 1762.2 | 1770.0 | 1762.2 | 1773.8 | 1773.8 | 1773.8 | 1766.1 | 1773.8 |
| 32.5° | 1646.0 | 1657.7 | 1646.0 | 1657.7 | 1653.8 | 1653.8 | 1649.9 | 1657.7 |
| 35° | 1529.8 | 1533.7 | 1526.0 | 1537.6 | 1537.6 | 1541.5 | 1533.7 | 1545.3 |
| 37.5° | 1409.8 | 1413.7 | 1409.8 | 1413.7 | 1421.4 | 1409.8 | 1417.5 | 1421.4 |
| 40° | 1285.8 | 1293.6 | 1289.7 | 1293.6 | 1293.6 | 1297.5 | 1293.6 | 1297.5 |
| 42.5° | 1161.9 | 1169.7 | 1161.9 | 1173.5 | 1169.7 | 1169.7 | 1173.5 | 1173.5 |
| 45° | 1034.1 | 1045.7 | 1038.0 | 1045.7 | 1049.6 | 1045.7 | 1045.7 | 1053.5 |
| 47.5° | 914.0 | 921.8 | 917.9 | 921.8 | 921.8 | 921.8 | 921.8 | 929.5 |
| 50° | 794.0 | 797.8 | 797.8 | 801.7 | 801.7 | 805.6 | 797.8 | 801.7 |
| 52.5° | 673.9 | 681.7 | 681.7 | 681.7 | 677.8 | 681.7 | 681.7 | 681.7 |
| 55° | 565.5 | 569.3 | 561.6 | 569.3 | 569.3 | 565.5 | 565.5 | 573.2 |
| 57.5° | 460.9 | 460.9 | 460.9 | 460.9 | 460.9 | 457.0 | 460.9 | 460.9 |
| 60° | 364.1 | 367.9 | 364.1 | 364.1 | 364.1 | 364.1 | 360.2 | 367.9 |
| 62.5° | 282.7 | 282.7 | 278.9 | 282.7 | 282.7 | 282.7 | 286.6 | 286.6 |
| 65° | 220.8 | 224.6 | 220.8 | 224.6 | 224.6 | 224.6 | 224.6 | 228.5 |
| 67.5° | 174.3 | 174.3 | 174.3 | 174.3 | 174.3 | 174.3 | 174.3 | 174.3 |
| 70° | 131.7 | 131.7 | 131.7 | 135.6 | 131.7 | 131.7 | 131.7 | 135.6 |
| 72.5° | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 100.7 | 100.7 |
| 75° | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 |
| 77.5° | 46.5 | 46.5 | 46.5 | 50.3 | 46.5 | 50.3 | 46.5 | 46.5 |
| 80° | 31.0 | 31.0 | 31.0 | 31.0 | 31.0 | 31.0 | 31.0 | 31.0 |
| 82.5° | 19.4 | 19.4 | 19.4 | 19.4 | 19.4 | 19.4 | 19.4 | 19.4 |
| 85° | 7.7 | 7.7 | 7.7 | 7.7 | 7.7 | 7.7 | 7.7 | 7.7 |
| 87.5° | 7.7 | 7.7 | 7.7 | 7.7 | 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)