

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: P844474

Luminaire Tested: **LD6C40DE010B35 EU6C40B35 6LBLDWWLI**

Issue Date: 5/7/2024



Test Information

Test Method: LM-79-08
Report Number: P844474
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2107-320-13)
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LD6C40DE010B35 EU6C40B35 6LBLDWLI
Description:
Light Source: -
Ballast/Driver:

Summary

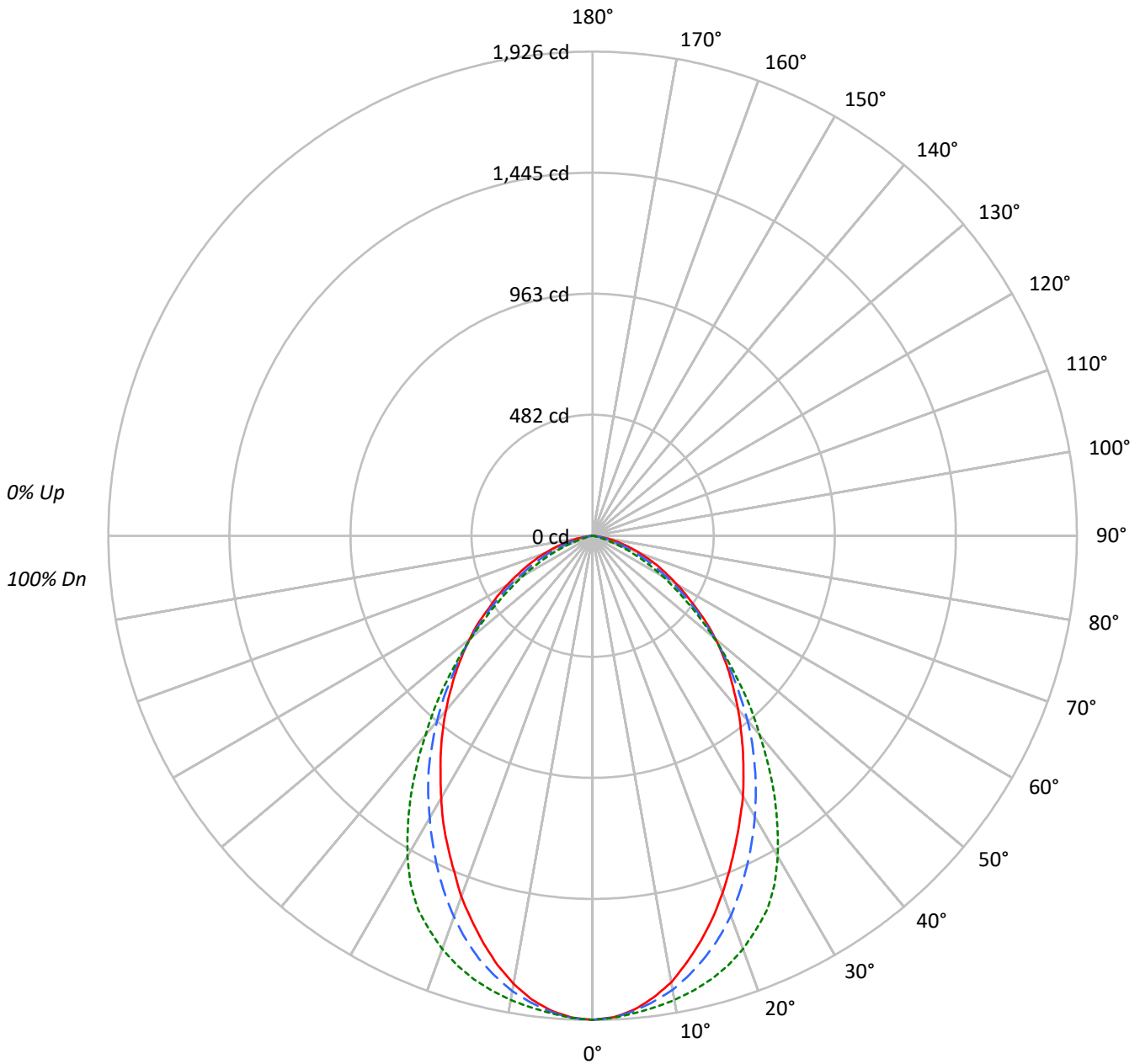
Lumens per Lamp: N/A
Luminaire Lumens: 3446.8 lumens
Efficiency: N/A
Efficacy: 69.2 lumens/watt
Spacing Criteria (0/90/45): 0.97 / 1.15 / 1.13
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 49.8
Input Voltage (V):
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: P844474

CATALOG NUMBER: LD6C40DE010B35 EU6C40B35 6LBDWWLI

Luminous Intensity Polar Plot





TEST NUMBER: P844474

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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 | 85 | 100 | 94 | 89 | 84 | 91 | 86 | 82 | 87 | 84 | 81 | 85 | 82 | 79 | 77 | | | |
| 3 | 95 | 86 | 79 | 73 | 93 | 84 | 78 | 73 | 82 | 76 | 72 | 79 | 74 | 70 | 77 | 73 | 69 | 67 | | | |
| 4 | 88 | 77 | 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 | 50 | 74 | 63 | 56 | 50 | 61 | 55 | 50 | 60 | 54 | 49 | 58 | 53 | 49 | 47 | | | |
| 7 | 71 | 59 | 51 | 45 | 69 | 58 | 50 | 45 | 56 | 50 | 45 | 55 | 49 | 45 | 54 | 48 | 44 | 42 | | | |
| 8 | 66 | 54 | 46 | 41 | 65 | 53 | 46 | 41 | 52 | 45 | 41 | 51 | 45 | 40 | 50 | 44 | 40 | 38 | | | |
| 9 | 62 | 50 | 42 | 37 | 61 | 49 | 42 | 37 | 48 | 42 | 37 | 47 | 41 | 37 | 46 | 41 | 37 | 35 | | | |
| 10 | 59 | 46 | 39 | 34 | 57 | 46 | 39 | 34 | 45 | 39 | 34 | 44 | 38 | 34 | 43 | 38 | 34 | 32 | | | |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° |
|-----|--------|--------|--------|
| 0° | 105562 | 105562 | 105562 |
| 5° | 104160 | 104903 | 104336 |
| 10° | 100354 | 104362 | 100744 |
| 15° | 94581 | 103627 | 95199 |
| 20° | 88143 | 102022 | 89083 |
| 25° | 81513 | 99284 | 82487 |
| 30° | 75702 | 93198 | 76227 |
| 35° | 69660 | 84290 | 70437 |
| 40° | 64371 | 73939 | 64972 |
| 45° | 59464 | 63898 | 59665 |
| 50° | 54395 | 53568 | 54335 |
| 55° | 48056 | 43745 | 48237 |
| 60° | 42442 | 35096 | 43067 |
| 65° | 37358 | 26112 | 37618 |
| 70° | 31432 | 16397 | 32265 |
| 75° | 24909 | 6947 | 25608 |
| 80° | 16637 | 1642 | 17868 |
| 85° | 6856 | 377 | 8114 |



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 179.4 | 5.2 |
| 10°-20° | 489.6 | 14.2 |
| 20°-30° | 675.9 | 19.6 |
| 30°-40° | 711.0 | 20.6 |
| 40°-50° | 612.3 | 17.8 |
| 50°-60° | 435.9 | 12.6 |
| 60°-70° | 245.8 | 7.1 |
| 70°-80° | 87.1 | 2.5 |
| 80°-90° | 9.8 | 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° | 1344.9 | 39.0 |
| 0°-40° | 2055.9 | 59.6 |
| 0°-60° | 3104.1 | 90.1 |
| 0°-90° | 3446.8 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 3446.8 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 45° | 90° | 135° | 180° | Flux |
|-----|------|------|------|------|------|------|
| 0° | 1926 | 1926 | 1926 | 1926 | 1926 | |
| 5° | 1893 | 1897 | 1906 | 1901 | 1896 | 178 |
| 15° | 1666 | 1734 | 1826 | 1743 | 1677 | 467 |
| 25° | 1348 | 1451 | 1641 | 1460 | 1364 | 620 |
| 35° | 1041 | 1124 | 1260 | 1136 | 1052 | 652 |
| 45° | 767 | 789 | 824 | 790 | 770 | 591 |
| 55° | 503 | 486 | 458 | 486 | 505 | 453 |
| 65° | 288 | 247 | 201 | 249 | 290 | 285 |
| 75° | 118 | 79 | 33 | 80 | 121 | 127 |
| 85° | 11 | 5 | 1 | 5 | 13 | 18 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P844474

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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 22.5° | 25° | 30° | 35° | 40° | 45° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1925.6 | 1925.6 | 1925.6 | 1925.6 | 1925.6 | 1925.6 | 1925.6 | 1925.6 | 1925.6 | 1925.6 | 1925.6 |
| 2.5° | 1917.3 | 1917.9 | 1917.9 | 1918.5 | 1917.9 | 1917.9 | 1918.5 | 1918.5 | 1917.9 | 1918.5 | 1918.5 |
| 5° | 1892.8 | 1892.2 | 1892.8 | 1893.5 | 1895.4 | 1895.4 | 1894.8 | 1894.8 | 1896.7 | 1896.0 | 1897.3 |
| 7.5° | 1853.0 | 1853.0 | 1854.9 | 1856.1 | 1856.1 | 1856.8 | 1858.1 | 1860.7 | 1863.2 | 1863.9 | 1868.4 |
| 10° | 1802.8 | 1803.5 | 1802.8 | 1805.4 | 1807.3 | 1810.6 | 1809.8 | 1814.4 | 1818.9 | 1825.3 | 1833.6 |
| 12.5° | 1736.5 | 1738.5 | 1742.3 | 1742.3 | 1748.2 | 1751.3 | 1750.7 | 1761.0 | 1769.3 | 1777.0 | 1787.4 |
| 15° | 1666.5 | 1665.9 | 1669.1 | 1674.2 | 1679.9 | 1684.5 | 1686.4 | 1699.9 | 1708.3 | 1721.2 | 1734.0 |
| 17.5° | 1591.3 | 1589.3 | 1594.5 | 1597.7 | 1607.4 | 1613.1 | 1617.0 | 1628.5 | 1642.1 | 1657.5 | 1674.9 |
| 20° | 1510.9 | 1514.1 | 1515.4 | 1519.9 | 1532.7 | 1537.3 | 1543.7 | 1556.5 | 1570.1 | 1588.0 | 1608.0 |
| 22.5° | 1428.7 | 1433.1 | 1435.6 | 1441.4 | 1451.7 | 1455.6 | 1462.1 | 1480.7 | 1495.5 | 1511.6 | 1530.2 |
| 25° | 1347.6 | 1352.7 | 1357.3 | 1364.3 | 1371.4 | 1377.1 | 1385.5 | 1398.4 | 1415.1 | 1429.9 | 1451.1 |
| 27.5° | 1268.5 | 1273.0 | 1274.3 | 1282.7 | 1291.1 | 1298.8 | 1303.2 | 1318.7 | 1332.8 | 1350.8 | 1371.4 |
| 30° | 1195.9 | 1193.3 | 1196.5 | 1203.6 | 1213.2 | 1218.4 | 1226.1 | 1236.4 | 1251.8 | 1269.2 | 1290.4 |
| 32.5° | 1116.1 | 1116.1 | 1121.3 | 1129.7 | 1137.4 | 1141.2 | 1143.8 | 1157.9 | 1173.3 | 1190.0 | 1207.4 |
| 35° | 1040.9 | 1043.5 | 1048.0 | 1053.1 | 1061.4 | 1064.7 | 1070.5 | 1080.8 | 1093.0 | 1111.7 | 1124.5 |
| 37.5° | 968.3 | 970.2 | 974.7 | 979.8 | 986.2 | 992.7 | 995.2 | 1006.2 | 1015.2 | 1030.7 | 1042.8 |
| 40° | 899.5 | 900.2 | 905.2 | 907.1 | 912.9 | 915.6 | 920.7 | 926.5 | 939.3 | 945.7 | 957.4 |
| 42.5° | 830.0 | 833.2 | 835.2 | 839.7 | 840.3 | 845.5 | 848.0 | 849.9 | 860.3 | 864.1 | 870.5 |
| 45° | 767.0 | 767.0 | 769.0 | 769.0 | 772.2 | 770.3 | 774.1 | 778.0 | 778.6 | 785.0 | 788.9 |
| 47.5° | 701.4 | 699.5 | 702.1 | 701.4 | 700.8 | 700.8 | 702.1 | 702.7 | 704.7 | 709.1 | 711.0 |
| 50° | 637.8 | 633.3 | 633.3 | 632.7 | 632.0 | 633.9 | 633.9 | 633.3 | 633.3 | 635.2 | 633.3 |
| 52.5° | 572.8 | 571.5 | 568.4 | 565.8 | 564.5 | 564.5 | 564.5 | 561.9 | 561.9 | 560.7 | 556.1 |
| 55° | 502.8 | 504.7 | 503.4 | 502.2 | 501.5 | 499.5 | 499.5 | 496.3 | 491.2 | 488.6 | 486.1 |
| 57.5° | 442.3 | 444.9 | 444.9 | 442.3 | 439.1 | 437.9 | 434.6 | 432.7 | 428.2 | 423.7 | 418.5 |
| 60° | 387.1 | 390.3 | 385.7 | 383.8 | 383.2 | 381.3 | 380.0 | 372.9 | 368.4 | 363.9 | 358.1 |
| 62.5° | 334.3 | 335.6 | 332.4 | 330.5 | 328.5 | 326.6 | 326.0 | 320.1 | 312.4 | 306.7 | 299.6 |
| 65° | 288.0 | 286.1 | 284.8 | 281.6 | 278.4 | 275.8 | 275.8 | 268.1 | 261.0 | 253.9 | 246.9 |
| 67.5° | 239.8 | 241.1 | 239.1 | 236.6 | 231.4 | 228.9 | 225.1 | 219.9 | 213.4 | 206.3 | 198.0 |
| 70° | 196.1 | 195.5 | 193.5 | 190.9 | 187.7 | 183.3 | 180.0 | 177.5 | 168.5 | 160.1 | 153.0 |
| 72.5° | 156.2 | 155.6 | 153.7 | 150.4 | 146.0 | 144.0 | 141.4 | 135.1 | 128.0 | 120.9 | 113.2 |
| 75° | 117.6 | 118.3 | 115.1 | 113.8 | 108.6 | 106.7 | 106.1 | 98.4 | 92.5 | 86.2 | 79.1 |
| 77.5° | 84.2 | 84.2 | 81.0 | 78.5 | 75.8 | 74.6 | 72.0 | 67.5 | 63.0 | 56.6 | 50.8 |
| 80° | 52.7 | 52.7 | 52.7 | 50.1 | 47.6 | 46.3 | 44.3 | 41.1 | 36.7 | 32.8 | 29.0 |
| 82.5° | 28.2 | 28.2 | 27.0 | 26.3 | 25.1 | 23.8 | 23.2 | 21.9 | 18.6 | 16.7 | 14.2 |
| 85° | 10.9 | 10.9 | 10.3 | 10.3 | 9.0 | 9.0 | 8.4 | 7.7 | 6.5 | 5.8 | 5.2 |
| 87.5° | 1.3 | 1.3 | 1.3 | 1.3 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 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):

| | 50° | 55° | 60° | 65° | 67.5° | 70° | 75° | 80° | 85° | 90° | 95° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1925.6 | 1925.6 | 1925.6 | 1925.6 | 1925.6 | 1925.6 | 1925.6 | 1925.6 | 1925.6 | 1925.6 | 1925.6 |
| 2.5° | 1919.2 | 1919.2 | 1918.5 | 1919.2 | 1919.2 | 1919.2 | 1919.2 | 1919.2 | 1919.2 | 1919.2 | 1919.8 |
| 5° | 1898.6 | 1900.6 | 1901.2 | 1901.8 | 1903.1 | 1903.7 | 1904.4 | 1905.0 | 1905.6 | 1906.3 | 1906.3 |
| 7.5° | 1872.2 | 1876.8 | 1879.9 | 1883.1 | 1884.5 | 1885.8 | 1887.7 | 1890.2 | 1892.2 | 1892.2 | 1891.5 |
| 10° | 1840.7 | 1846.5 | 1853.0 | 1858.7 | 1860.7 | 1863.9 | 1867.0 | 1871.0 | 1874.1 | 1874.8 | 1874.8 |
| 12.5° | 1799.6 | 1806.0 | 1817.5 | 1827.3 | 1831.1 | 1835.6 | 1842.0 | 1847.8 | 1851.1 | 1853.0 | 1852.3 |
| 15° | 1748.2 | 1761.7 | 1777.7 | 1788.7 | 1793.7 | 1801.5 | 1811.8 | 1818.2 | 1823.4 | 1825.9 | 1824.6 |
| 17.5° | 1692.2 | 1709.6 | 1726.9 | 1741.7 | 1748.8 | 1756.5 | 1770.7 | 1782.2 | 1789.9 | 1791.8 | 1790.6 |
| 20° | 1628.5 | 1647.9 | 1666.5 | 1685.1 | 1694.8 | 1703.7 | 1718.5 | 1733.4 | 1746.3 | 1748.8 | 1746.9 |
| 22.5° | 1552.7 | 1574.6 | 1597.0 | 1618.3 | 1629.2 | 1637.5 | 1658.8 | 1675.5 | 1690.3 | 1696.8 | 1692.2 |
| 25° | 1474.2 | 1497.4 | 1521.2 | 1539.8 | 1552.1 | 1566.1 | 1585.5 | 1604.7 | 1622.7 | 1641.4 | 1624.7 |
| 27.5° | 1390.7 | 1411.9 | 1437.0 | 1462.7 | 1474.2 | 1484.5 | 1504.5 | 1528.9 | 1547.5 | 1566.1 | 1547.5 |
| 30° | 1307.1 | 1334.1 | 1356.6 | 1379.0 | 1392.0 | 1404.2 | 1424.1 | 1444.0 | 1462.1 | 1472.3 | 1460.8 |
| 32.5° | 1228.7 | 1248.5 | 1271.1 | 1293.0 | 1301.9 | 1311.6 | 1328.3 | 1347.0 | 1364.3 | 1367.5 | 1359.8 |
| 35° | 1146.4 | 1163.7 | 1182.3 | 1196.5 | 1207.4 | 1217.8 | 1232.5 | 1244.1 | 1248.5 | 1259.5 | 1251.8 |
| 37.5° | 1053.1 | 1068.5 | 1085.2 | 1095.6 | 1105.2 | 1113.6 | 1124.5 | 1134.7 | 1138.6 | 1147.0 | 1141.2 |
| 40° | 965.1 | 977.9 | 987.5 | 998.5 | 1003.6 | 1011.9 | 1016.5 | 1024.8 | 1029.4 | 1033.2 | 1033.8 |
| 42.5° | 880.2 | 887.2 | 894.3 | 902.1 | 904.0 | 905.9 | 916.9 | 922.6 | 927.1 | 929.7 | 925.9 |
| 45° | 793.4 | 800.4 | 803.1 | 808.8 | 812.1 | 813.3 | 817.9 | 818.5 | 819.8 | 824.2 | 822.3 |
| 47.5° | 714.3 | 715.0 | 716.9 | 719.4 | 720.8 | 720.8 | 723.3 | 720.8 | 722.0 | 722.7 | 724.0 |
| 50° | 631.4 | 635.8 | 631.4 | 633.9 | 634.6 | 633.9 | 632.0 | 630.8 | 628.8 | 628.1 | 627.5 |
| 52.5° | 552.9 | 553.6 | 551.0 | 549.0 | 547.1 | 547.7 | 542.7 | 540.0 | 540.7 | 536.9 | 541.4 |
| 55° | 481.5 | 479.0 | 473.2 | 471.3 | 466.7 | 466.1 | 465.5 | 462.3 | 457.1 | 457.7 | 459.0 |
| 57.5° | 412.8 | 408.2 | 402.4 | 399.3 | 398.0 | 392.8 | 392.2 | 387.1 | 383.8 | 383.2 | 383.2 |
| 60° | 350.4 | 346.6 | 340.8 | 335.0 | 330.5 | 327.9 | 324.7 | 319.5 | 320.8 | 320.1 | 317.0 |
| 62.5° | 291.3 | 286.7 | 278.4 | 271.9 | 269.4 | 267.5 | 262.9 | 259.1 | 257.2 | 259.1 | 257.2 |
| 65° | 238.5 | 231.4 | 221.8 | 215.3 | 214.7 | 212.2 | 207.0 | 204.4 | 202.5 | 201.3 | 203.2 |
| 67.5° | 189.6 | 180.0 | 174.2 | 165.8 | 162.0 | 160.8 | 153.7 | 149.8 | 150.4 | 149.8 | 150.4 |
| 70° | 144.7 | 135.1 | 127.3 | 120.9 | 115.7 | 113.8 | 110.0 | 104.8 | 104.2 | 102.3 | 104.8 |
| 72.5° | 104.8 | 96.5 | 89.4 | 82.3 | 77.8 | 75.2 | 70.1 | 64.9 | 63.7 | 62.4 | 62.4 |
| 75° | 72.0 | 64.9 | 57.2 | 50.8 | 47.6 | 45.1 | 39.9 | 36.0 | 32.8 | 32.8 | 32.8 |
| 77.5° | 45.1 | 39.2 | 33.4 | 29.0 | 27.0 | 24.4 | 19.9 | 16.1 | 14.8 | 12.9 | 13.5 |
| 80° | 25.7 | 21.3 | 18.0 | 14.8 | 12.9 | 11.5 | 9.0 | 7.1 | 5.2 | 5.2 | 5.2 |
| 82.5° | 12.3 | 10.3 | 7.7 | 6.5 | 5.8 | 4.5 | 3.2 | 2.5 | 1.9 | 1.3 | 1.3 |
| 85° | 3.8 | 3.2 | 2.5 | 1.9 | 1.3 | 1.3 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 |
| 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):

| | 100° | 105° | 110° | 112.5° | 115° | 120° | 125° | 130° | 135° | 140° | 145° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1925.6 | 1925.6 | 1925.6 | 1925.6 | 1925.6 | 1925.6 | 1925.6 | 1925.6 | 1925.6 | 1925.6 | 1925.6 |
| 2.5° | 1919.2 | 1919.8 | 1919.2 | 1919.8 | 1919.2 | 1920.5 | 1920.5 | 1919.8 | 1919.8 | 1919.8 | 1919.2 |
| 5° | 1905.6 | 1905.6 | 1905.0 | 1905.0 | 1905.0 | 1904.4 | 1902.5 | 1902.5 | 1901.2 | 1900.6 | 1899.2 |
| 7.5° | 1890.8 | 1889.6 | 1887.7 | 1887.0 | 1885.1 | 1883.1 | 1879.3 | 1876.1 | 1873.5 | 1870.3 | 1867.0 |
| 10° | 1872.9 | 1869.7 | 1865.8 | 1863.2 | 1862.0 | 1857.4 | 1851.7 | 1844.0 | 1838.8 | 1833.0 | 1826.5 |
| 12.5° | 1849.7 | 1845.9 | 1838.8 | 1833.6 | 1830.4 | 1822.1 | 1813.7 | 1804.1 | 1793.7 | 1783.5 | 1777.0 |
| 15° | 1819.6 | 1813.1 | 1804.1 | 1798.9 | 1793.1 | 1781.6 | 1766.8 | 1753.2 | 1743.0 | 1731.5 | 1716.0 |
| 17.5° | 1784.1 | 1774.5 | 1762.3 | 1754.0 | 1746.9 | 1731.5 | 1714.1 | 1696.8 | 1681.3 | 1667.1 | 1651.7 |
| 20° | 1735.3 | 1723.7 | 1708.9 | 1698.0 | 1690.9 | 1671.0 | 1652.3 | 1631.8 | 1613.1 | 1596.4 | 1578.4 |
| 22.5° | 1678.0 | 1658.8 | 1644.0 | 1631.1 | 1623.5 | 1600.9 | 1580.3 | 1558.5 | 1538.5 | 1523.7 | 1504.5 |
| 25° | 1606.0 | 1587.4 | 1568.8 | 1558.5 | 1546.3 | 1522.5 | 1501.3 | 1478.8 | 1460.1 | 1441.4 | 1423.5 |
| 27.5° | 1529.5 | 1507.7 | 1487.1 | 1474.9 | 1464.0 | 1440.8 | 1419.6 | 1399.0 | 1377.8 | 1357.3 | 1341.2 |
| 30° | 1446.0 | 1424.1 | 1408.0 | 1392.6 | 1380.4 | 1361.7 | 1335.4 | 1314.9 | 1296.1 | 1277.5 | 1260.8 |
| 32.5° | 1352.7 | 1334.7 | 1315.5 | 1307.8 | 1298.8 | 1276.2 | 1255.6 | 1235.7 | 1217.1 | 1198.4 | 1181.1 |
| 35° | 1244.7 | 1230.6 | 1219.0 | 1210.7 | 1204.9 | 1185.0 | 1168.9 | 1147.6 | 1136.1 | 1117.4 | 1104.6 |
| 37.5° | 1134.1 | 1127.1 | 1119.4 | 1109.0 | 1100.7 | 1089.2 | 1079.5 | 1062.2 | 1048.6 | 1035.1 | 1020.9 |
| 40° | 1028.0 | 1020.3 | 1010.0 | 1005.0 | 1003.0 | 992.7 | 979.2 | 970.2 | 962.4 | 950.3 | 942.6 |
| 42.5° | 924.6 | 920.7 | 910.4 | 907.9 | 905.2 | 896.2 | 889.8 | 882.1 | 877.0 | 868.0 | 864.1 |
| 45° | 819.1 | 818.5 | 815.9 | 813.3 | 812.1 | 805.6 | 804.3 | 794.7 | 790.2 | 788.3 | 784.3 |
| 47.5° | 725.9 | 724.0 | 720.1 | 724.0 | 718.1 | 717.5 | 717.5 | 715.6 | 713.7 | 708.5 | 707.9 |
| 50° | 630.8 | 633.9 | 634.6 | 632.7 | 636.5 | 635.8 | 632.7 | 633.3 | 634.6 | 637.1 | 633.3 |
| 52.5° | 543.3 | 545.8 | 550.4 | 548.4 | 551.7 | 554.8 | 553.6 | 558.7 | 556.7 | 559.4 | 564.5 |
| 55° | 460.4 | 467.4 | 471.9 | 470.0 | 472.6 | 476.5 | 477.7 | 482.2 | 486.1 | 490.5 | 493.8 |
| 57.5° | 389.0 | 390.9 | 397.4 | 399.3 | 399.9 | 403.2 | 409.5 | 416.6 | 421.1 | 424.3 | 427.6 |
| 60° | 318.9 | 325.3 | 329.9 | 329.9 | 335.0 | 339.5 | 345.2 | 351.7 | 356.8 | 364.6 | 370.4 |
| 62.5° | 259.8 | 261.0 | 267.5 | 268.1 | 271.9 | 279.6 | 284.2 | 293.8 | 300.3 | 308.6 | 316.3 |
| 65° | 202.5 | 208.4 | 212.2 | 212.8 | 218.6 | 224.4 | 230.8 | 239.8 | 248.9 | 255.8 | 262.9 |
| 67.5° | 151.8 | 154.9 | 160.1 | 164.6 | 165.8 | 174.2 | 183.9 | 192.3 | 200.0 | 206.3 | 215.3 |
| 70° | 106.1 | 108.6 | 115.7 | 118.3 | 122.2 | 128.6 | 136.3 | 145.3 | 154.3 | 163.3 | 170.4 |
| 72.5° | 64.9 | 70.8 | 75.2 | 79.1 | 82.3 | 90.0 | 98.4 | 106.1 | 113.8 | 121.5 | 130.5 |
| 75° | 36.0 | 39.9 | 45.1 | 48.9 | 52.0 | 57.9 | 65.6 | 73.3 | 80.4 | 87.5 | 93.9 |
| 77.5° | 16.1 | 19.9 | 24.4 | 27.0 | 29.6 | 34.7 | 40.5 | 47.0 | 52.7 | 57.9 | 63.7 |
| 80° | 6.5 | 9.0 | 11.5 | 13.5 | 14.8 | 18.0 | 22.5 | 25.7 | 29.6 | 34.1 | 38.6 |
| 82.5° | 2.5 | 3.2 | 4.5 | 5.8 | 6.5 | 8.4 | 10.3 | 12.3 | 15.4 | 17.3 | 19.9 |
| 85° | 0.6 | 0.6 | 1.3 | 1.3 | 1.9 | 2.5 | 3.2 | 4.5 | 5.2 | 5.8 | 7.1 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.6 | 0.6 | 0.6 | 1.3 |
| 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: P844474

CATALOG NUMBER: LD6C40DE010B35 EU6C40B35 6LBDWWLI

CANDELA DISTRIBUTION (continued):

| | 150° | 155° | 157.5° | 160° | 165° | 170° | 175° | 180° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1925.6 | 1925.6 | 1925.6 | 1925.6 | 1925.6 | 1925.6 | 1925.6 | 1925.6 |
| 2.5° | 1919.2 | 1918.5 | 1918.5 | 1918.5 | 1918.5 | 1917.9 | 1917.9 | 1917.9 |
| 5° | 1899.9 | 1898.6 | 1897.9 | 1897.9 | 1896.0 | 1896.7 | 1896.7 | 1896.0 |
| 7.5° | 1865.8 | 1864.5 | 1862.6 | 1863.9 | 1863.2 | 1861.3 | 1860.7 | 1860.1 |
| 10° | 1821.5 | 1818.9 | 1818.2 | 1815.0 | 1813.1 | 1812.5 | 1812.5 | 1809.8 |
| 12.5° | 1768.7 | 1761.7 | 1761.0 | 1757.8 | 1753.2 | 1750.7 | 1752.0 | 1748.2 |
| 15° | 1710.2 | 1699.9 | 1694.8 | 1692.2 | 1687.0 | 1682.6 | 1678.7 | 1677.4 |
| 17.5° | 1638.8 | 1627.3 | 1623.5 | 1620.8 | 1609.9 | 1609.3 | 1604.1 | 1602.2 |
| 20° | 1564.2 | 1554.0 | 1548.2 | 1544.4 | 1536.0 | 1528.3 | 1527.6 | 1527.0 |
| 22.5° | 1491.6 | 1474.9 | 1469.8 | 1464.0 | 1455.0 | 1448.5 | 1444.7 | 1441.4 |
| 25° | 1409.3 | 1395.9 | 1386.8 | 1381.1 | 1374.6 | 1369.4 | 1364.3 | 1363.7 |
| 27.5° | 1327.0 | 1314.2 | 1308.4 | 1303.2 | 1294.9 | 1289.0 | 1284.0 | 1286.5 |
| 30° | 1246.6 | 1233.8 | 1227.4 | 1223.5 | 1215.1 | 1211.9 | 1203.0 | 1204.2 |
| 32.5° | 1166.9 | 1155.4 | 1150.8 | 1143.1 | 1135.5 | 1131.6 | 1128.4 | 1125.7 |
| 35° | 1090.4 | 1080.8 | 1074.3 | 1069.2 | 1062.2 | 1055.7 | 1052.5 | 1052.5 |
| 37.5° | 1012.6 | 1003.0 | 999.8 | 995.9 | 989.5 | 980.5 | 977.3 | 979.8 |
| 40° | 933.6 | 926.5 | 923.2 | 920.7 | 914.2 | 911.0 | 907.9 | 907.9 |
| 42.5° | 858.3 | 851.3 | 850.7 | 848.0 | 842.9 | 840.9 | 838.4 | 836.5 |
| 45° | 779.9 | 776.6 | 774.1 | 774.1 | 773.4 | 772.8 | 770.9 | 769.6 |
| 47.5° | 704.7 | 705.3 | 704.1 | 703.3 | 704.1 | 702.1 | 704.7 | 702.7 |
| 50° | 635.8 | 634.6 | 635.8 | 634.6 | 635.2 | 637.8 | 635.2 | 637.1 |
| 52.5° | 562.6 | 568.4 | 569.0 | 566.5 | 569.0 | 570.9 | 572.2 | 575.5 |
| 55° | 497.6 | 499.5 | 500.9 | 503.4 | 504.7 | 508.6 | 504.7 | 504.7 |
| 57.5° | 434.6 | 437.9 | 439.1 | 441.0 | 446.2 | 444.3 | 447.5 | 450.0 |
| 60° | 377.4 | 381.3 | 383.8 | 385.7 | 387.7 | 392.2 | 393.4 | 392.8 |
| 62.5° | 321.5 | 327.2 | 327.9 | 333.0 | 334.3 | 337.5 | 340.1 | 337.5 |
| 65° | 269.4 | 274.6 | 278.4 | 281.6 | 285.5 | 288.6 | 288.0 | 290.0 |
| 67.5° | 221.8 | 228.2 | 231.4 | 232.8 | 237.9 | 239.1 | 242.4 | 244.3 |
| 70° | 178.7 | 183.3 | 187.1 | 189.0 | 192.3 | 196.1 | 199.3 | 201.3 |
| 72.5° | 136.3 | 143.4 | 147.2 | 148.5 | 153.7 | 156.2 | 157.5 | 159.5 |
| 75° | 100.9 | 106.7 | 108.6 | 111.9 | 114.4 | 120.3 | 119.6 | 120.9 |
| 77.5° | 70.1 | 73.9 | 77.8 | 77.8 | 82.3 | 83.6 | 86.8 | 87.5 |
| 80° | 41.8 | 46.3 | 48.2 | 48.9 | 52.0 | 54.0 | 55.3 | 56.6 |
| 82.5° | 21.9 | 25.1 | 25.1 | 26.3 | 29.0 | 29.0 | 29.6 | 30.9 |
| 85° | 8.4 | 9.6 | 10.3 | 10.3 | 10.9 | 12.3 | 12.3 | 12.9 |
| 87.5° | 1.3 | 1.3 | 1.3 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



Report Generated By 670246072 / DESKTOP-50001EG





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













(END OF REPORT)