

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: P684269

Luminaire Tested: **LX6C40D010 EX6C409040 6LBLWWH**

Issue Date: 2/15/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P684269  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2107-320-10)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/15/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: PORTFOLIO  
Catalog Number: LX6C40D010 EX6C409040 6LBLWWH  
Description: 6 INCH 4000 LUMEN PORTFOLIO LED DOWNLIGHT WITH, 4000K, 90CRI LEDS  
AND 6LRLWW TRIM WITH H FINISH  
Light Source: -  
Ballast/Driver: -

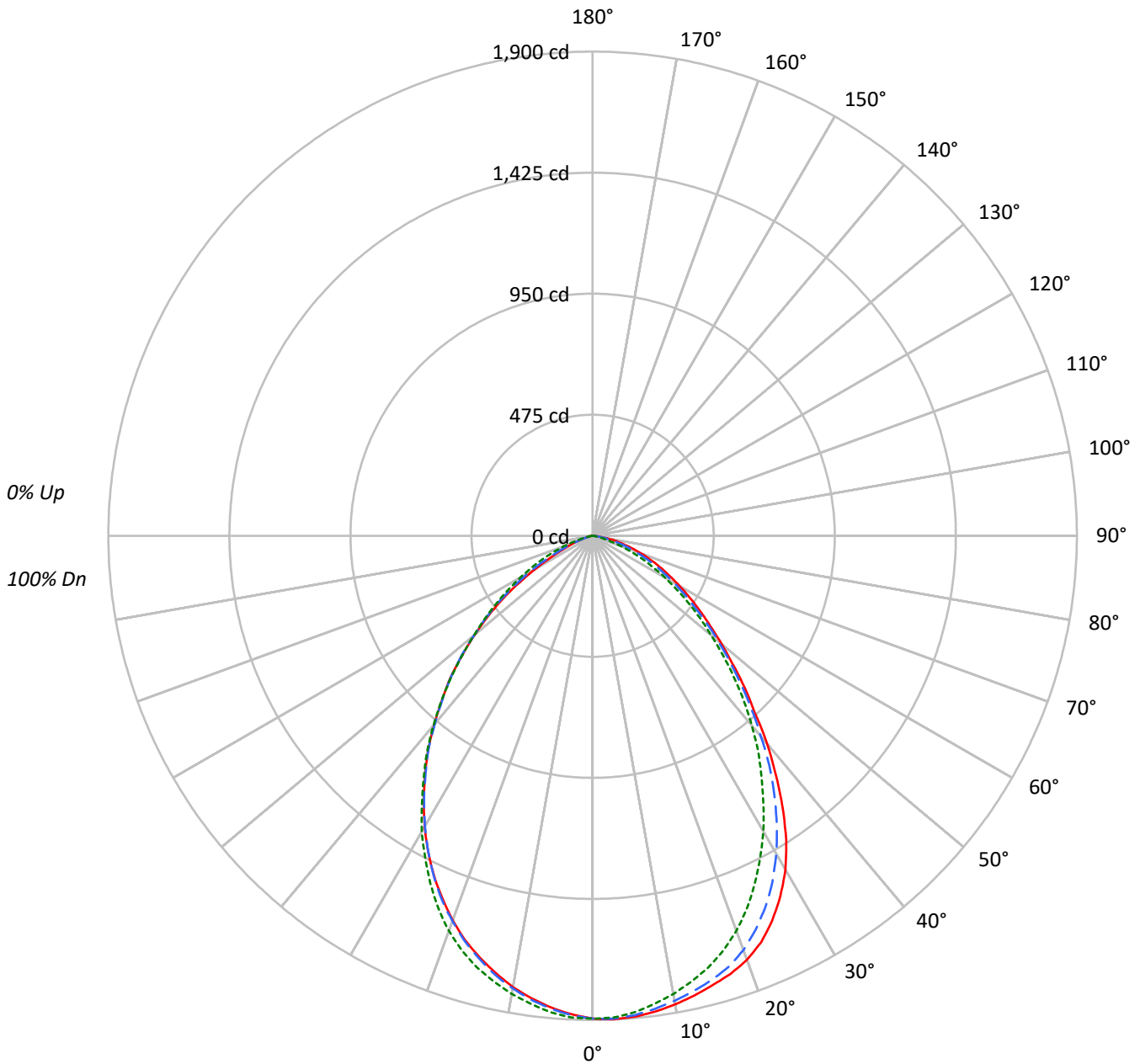
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 3447.0 lumens  
Efficiency: N/A  
Efficacy: 73.3 lumens/watt  
Spacing Criteria (0/90/45): 1.13 / 1.08 / 1.16  
Luminous Opening: Circular (Dia: 0.5' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 47  
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

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CATALOG NUMBER: LX6C40D010 EX6C409040 6LBLWWH

### Luminous Intensity Polar Plot





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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 | 104 | 101 | 109 | 105 | 102 | 99  | 101 | 99  | 96  | 97  | 95  | 93  | 94  | 92  | 91  | 89  |    |    |   |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |   |
| 2   | 103 | 96  | 91  | 86  | 101 | 95  | 90  | 85  | 91  | 87  | 83  | 88  | 85  | 81  | 85  | 82  | 80  | 78  |    |    |   |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |   |
| 3   | 95  | 87  | 80  | 74  | 93  | 85  | 79  | 74  | 82  | 77  | 73  | 80  | 75  | 71  | 77  | 73  | 70  | 68  |    |    |   |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |   |
| 4   | 89  | 78  | 71  | 65  | 86  | 77  | 70  | 65  | 75  | 69  | 64  | 72  | 67  | 63  | 70  | 66  | 62  | 60  |    |    |   |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |   |
| 5   | 82  | 71  | 63  | 58  | 80  | 70  | 63  | 57  | 68  | 62  | 57  | 66  | 61  | 56  | 64  | 60  | 56  | 54  |    |    |   |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |   |
| 6   | 77  | 65  | 57  | 51  | 75  | 64  | 57  | 51  | 62  | 56  | 51  | 61  | 55  | 50  | 59  | 54  | 50  | 48  |    |    |   |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |   |
| 7   | 71  | 59  | 52  | 46  | 70  | 59  | 51  | 46  | 57  | 51  | 46  | 56  | 50  | 45  | 55  | 49  | 45  | 43  |    |    |   |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |   |
| 8   | 67  | 55  | 47  | 42  | 65  | 54  | 47  | 42  | 53  | 46  | 42  | 52  | 46  | 41  | 51  | 45  | 41  | 39  |    |    |   |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |   |
| 9   | 63  | 51  | 43  | 38  | 62  | 50  | 43  | 38  | 49  | 42  | 38  | 48  | 42  | 38  | 47  | 42  | 38  | 36  |    |    |   |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |   |
| 10  | 59  | 47  | 40  | 35  | 58  | 47  | 40  | 35  | 46  | 39  | 35  | 45  | 39  | 35  | 44  | 38  | 35  | 33  |    |    |   |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |   |

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

|     | 0°     | 90°    | 180°   |
|-----|--------|--------|--------|
| 0°  | 103884 | 103884 | 103884 |
| 5°  | 104248 | 103302 | 102283 |
| 10° | 103928 | 101624 | 100132 |
| 15° | 103536 | 99524  | 97214  |
| 20° | 103306 | 96247  | 93680  |
| 25° | 100796 | 91082  | 89080  |
| 30° | 95762  | 84836  | 83424  |
| 35° | 86920  | 77243  | 76734  |
| 40° | 76264  | 69516  | 69151  |
| 45° | 65387  | 60743  | 61239  |
| 50° | 56280  | 51768  | 51504  |
| 55° | 49193  | 43716  | 41031  |
| 60° | 43231  | 35830  | 28002  |
| 65° | 37838  | 27759  | 16850  |
| 70° | 32265  | 18689  | 9906   |
| 75° | 26031  | 9722   | 5401   |
| 80° | 18089  | 3820   | 3031   |
| 85° | 7233   | 1195   | 1572   |



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 177.6  | 5.2       |
| 10°-20°   | 495.8  | 14.4      |
| 20°-30°   | 705.6  | 20.5      |
| 30°-40°   | 742.7  | 21.5      |
| 40°-50°   | 618.9  | 18.0      |
| 50°-60°   | 418.1  | 12.1      |
| 60°-70°   | 212.0  | 6.2       |
| 70°-80°   | 68.4   | 2.0       |
| 80°-90°   | 7.8    | 0.2       |
| 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°    | 1379.0 | 40.0      |
| 0°-40°    | 2121.7 | 61.6      |
| 0°-60°    | 3158.7 | 91.6      |
| 0°-90°    | 3447.0 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 3447.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 45°  | 90°  | 135° | 180° | Flux |
|-----|------|------|------|------|------|------|
| 0°  | 1895 | 1895 | 1895 | 1895 | 1895 |      |
| 5°  | 1894 | 1889 | 1877 | 1863 | 1859 | 180  |
| 15° | 1824 | 1805 | 1754 | 1719 | 1713 | 515  |
| 25° | 1666 | 1606 | 1506 | 1475 | 1473 | 764  |
| 35° | 1299 | 1243 | 1154 | 1143 | 1147 | 808  |
| 45° | 843  | 822  | 784  | 787  | 790  | 653  |
| 55° | 515  | 490  | 457  | 443  | 429  | 463  |
| 65° | 292  | 263  | 214  | 155  | 130  | 290  |
| 75° | 123  | 96   | 46   | 25   | 26   | 133  |
| 85° | 12   | 6    | 2    | 2    | 2    | 20   |
| 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°    | 1895.0 | 1895.0 | 1895.0 | 1895.0 | 1895.0 | 1895.0 | 1895.0 | 1895.0 | 1895.0 | 1895.0 | 1895.0 |
| 2.5°  | 1899.5 | 1899.5 | 1899.5 | 1899.5 | 1899.5 | 1899.5 | 1898.9 | 1898.9 | 1897.6 | 1897.6 | 1896.9 |
| 5°    | 1894.4 | 1895.0 | 1895.0 | 1894.4 | 1894.4 | 1893.1 | 1893.1 | 1892.5 | 1890.6 | 1889.3 | 1888.7 |
| 7.5°  | 1883.6 | 1883.6 | 1882.9 | 1882.3 | 1881.7 | 1879.7 | 1879.1 | 1877.2 | 1875.9 | 1874.6 | 1872.1 |
| 10°   | 1867.0 | 1867.0 | 1866.4 | 1865.1 | 1864.5 | 1863.2 | 1863.2 | 1860.6 | 1858.1 | 1854.9 | 1853.0 |
| 12.5° | 1847.3 | 1847.9 | 1846.6 | 1846.0 | 1844.1 | 1843.4 | 1842.2 | 1839.0 | 1837.1 | 1833.2 | 1830.1 |
| 15°   | 1824.3 | 1825.6 | 1825.6 | 1823.1 | 1821.1 | 1820.5 | 1818.6 | 1816.7 | 1812.2 | 1808.4 | 1804.6 |
| 17.5° | 1802.0 | 1803.3 | 1802.0 | 1800.1 | 1798.2 | 1795.7 | 1794.4 | 1790.6 | 1784.8 | 1779.7 | 1774.0 |
| 20°   | 1770.8 | 1772.7 | 1770.2 | 1767.0 | 1763.2 | 1762.5 | 1760.6 | 1754.3 | 1746.0 | 1738.3 | 1730.1 |
| 22.5° | 1726.9 | 1725.6 | 1723.7 | 1722.4 | 1716.0 | 1712.2 | 1709.7 | 1701.4 | 1692.5 | 1682.3 | 1672.1 |
| 25°   | 1666.4 | 1668.9 | 1665.1 | 1659.3 | 1656.2 | 1652.3 | 1646.0 | 1637.1 | 1628.8 | 1617.9 | 1605.8 |
| 27.5° | 1595.0 | 1595.0 | 1589.9 | 1588.0 | 1581.0 | 1575.9 | 1572.7 | 1563.8 | 1553.0 | 1542.1 | 1528.8 |
| 30°   | 1512.8 | 1509.0 | 1509.0 | 1500.1 | 1494.4 | 1492.5 | 1489.3 | 1474.6 | 1465.1 | 1453.6 | 1440.2 |
| 32.5° | 1413.5 | 1412.8 | 1410.3 | 1404.6 | 1396.9 | 1390.5 | 1390.5 | 1380.3 | 1367.6 | 1353.6 | 1345.3 |
| 35°   | 1298.8 | 1299.4 | 1298.2 | 1291.8 | 1291.8 | 1284.2 | 1282.9 | 1274.0 | 1263.8 | 1252.9 | 1242.8 |
| 37.5° | 1180.3 | 1182.9 | 1180.3 | 1177.1 | 1175.2 | 1174.6 | 1168.9 | 1162.5 | 1154.9 | 1148.5 | 1140.8 |
| 40°   | 1065.7 | 1061.9 | 1063.1 | 1056.8 | 1057.4 | 1056.1 | 1053.6 | 1045.3 | 1040.8 | 1034.5 | 1026.2 |
| 42.5° | 942.1  | 945.9  | 947.2  | 943.4  | 942.1  | 939.6  | 942.1  | 938.9  | 933.8  | 930.6  | 923.0  |
| 45°   | 843.4  | 839.5  | 841.5  | 840.2  | 840.8  | 835.7  | 833.8  | 832.5  | 830.6  | 824.9  | 821.7  |
| 47.5° | 745.3  | 745.9  | 745.3  | 742.7  | 741.5  | 741.5  | 738.9  | 735.1  | 735.1  | 731.3  | 728.7  |
| 50°   | 659.9  | 659.9  | 661.2  | 658.0  | 656.7  | 654.2  | 654.8  | 651.0  | 648.5  | 645.3  | 643.4  |
| 52.5° | 581.6  | 582.2  | 579.7  | 580.3  | 579.0  | 579.0  | 576.5  | 573.9  | 571.4  | 565.6  | 564.4  |
| 55°   | 514.7  | 515.3  | 512.1  | 513.4  | 509.6  | 507.7  | 506.4  | 502.6  | 502.6  | 496.8  | 489.8  |
| 57.5° | 452.3  | 451.6  | 451.0  | 449.1  | 446.5  | 444.6  | 442.7  | 438.2  | 436.3  | 432.5  | 426.8  |
| 60°   | 394.3  | 393.7  | 392.4  | 391.7  | 389.8  | 385.4  | 385.4  | 382.2  | 375.8  | 372.0  | 366.3  |
| 62.5° | 339.5  | 339.5  | 338.9  | 337.0  | 335.1  | 333.1  | 331.9  | 329.3  | 323.0  | 318.5  | 313.4  |
| 65°   | 291.7  | 291.1  | 289.2  | 286.0  | 284.7  | 284.7  | 280.3  | 278.4  | 273.3  | 268.8  | 263.1  |
| 67.5° | 245.9  | 243.3  | 242.1  | 242.7  | 238.9  | 238.9  | 235.0  | 231.9  | 227.4  | 219.8  | 215.3  |
| 70°   | 201.3  | 200.0  | 198.7  | 197.5  | 196.8  | 194.3  | 192.4  | 188.5  | 184.1  | 178.4  | 171.3  |
| 72.5° | 161.2  | 161.2  | 159.2  | 158.0  | 156.1  | 153.5  | 152.2  | 149.1  | 144.0  | 137.6  | 132.5  |
| 75°   | 122.9  | 122.9  | 122.9  | 120.4  | 119.1  | 117.8  | 114.0  | 112.1  | 106.4  | 102.6  | 96.2   |
| 77.5° | 90.5   | 89.2   | 87.3   | 86.6   | 85.4   | 84.1   | 82.2   | 79.0   | 73.9   | 69.4   | 65.6   |
| 80°   | 57.3   | 59.2   | 57.3   | 57.3   | 54.1   | 52.9   | 52.2   | 48.4   | 46.5   | 42.7   | 39.5   |
| 82.5° | 31.8   | 32.5   | 31.2   | 30.6   | 28.7   | 28.0   | 28.0   | 25.5   | 24.2   | 21.7   | 19.7   |
| 85°   | 11.5   | 12.1   | 11.5   | 11.5   | 10.2   | 10.8   | 10.2   | 9.6    | 8.3    | 7.0    | 6.4    |
| 87.5° | 0.6    | 0.6    | 0.6    | 0.6    | 0.6    | 0.6    | 0.6    | 0.6    | 0.6    | 0.6    | 0.6    |
| 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°    | 1895.0 | 1895.0 | 1895.0 | 1895.0 | 1895.0 | 1895.0 | 1895.0 | 1895.0 | 1895.0 | 1895.0 | 1895.0 |
| 2.5°  | 1896.9 | 1895.7 | 1895.7 | 1895.0 | 1894.4 | 1894.4 | 1894.4 | 1893.8 | 1892.5 | 1892.5 | 1891.8 |
| 5°    | 1887.4 | 1886.1 | 1884.2 | 1882.9 | 1882.3 | 1881.7 | 1881.0 | 1880.4 | 1877.8 | 1877.2 | 1875.3 |
| 7.5°  | 1870.2 | 1868.9 | 1865.7 | 1864.5 | 1862.5 | 1861.9 | 1859.4 | 1858.1 | 1855.5 | 1853.0 | 1851.7 |
| 10°   | 1849.8 | 1846.6 | 1844.1 | 1840.9 | 1839.6 | 1837.7 | 1834.5 | 1830.7 | 1828.8 | 1825.6 | 1823.1 |
| 12.5° | 1826.9 | 1823.1 | 1818.0 | 1814.1 | 1812.9 | 1809.7 | 1804.6 | 1801.4 | 1796.9 | 1791.8 | 1787.4 |
| 15°   | 1798.2 | 1793.8 | 1789.3 | 1782.3 | 1780.4 | 1776.6 | 1771.5 | 1765.1 | 1758.7 | 1753.6 | 1748.5 |
| 17.5° | 1767.0 | 1760.0 | 1753.0 | 1745.3 | 1739.6 | 1737.7 | 1729.4 | 1720.5 | 1714.8 | 1705.8 | 1700.1 |
| 20°   | 1723.0 | 1713.5 | 1702.0 | 1694.4 | 1689.3 | 1683.6 | 1674.0 | 1664.4 | 1657.4 | 1649.8 | 1641.5 |
| 22.5° | 1662.5 | 1653.6 | 1640.2 | 1628.8 | 1624.9 | 1616.7 | 1608.4 | 1599.5 | 1590.6 | 1582.3 | 1572.1 |
| 25°   | 1591.2 | 1581.6 | 1568.3 | 1556.8 | 1550.4 | 1546.6 | 1530.7 | 1521.8 | 1512.8 | 1505.8 | 1498.8 |
| 27.5° | 1517.9 | 1500.7 | 1491.8 | 1474.0 | 1468.3 | 1467.0 | 1452.3 | 1442.8 | 1433.2 | 1423.7 | 1414.7 |
| 30°   | 1427.5 | 1414.1 | 1400.7 | 1388.0 | 1380.3 | 1375.9 | 1365.1 | 1353.0 | 1346.6 | 1340.2 | 1331.3 |
| 32.5° | 1333.8 | 1321.7 | 1305.2 | 1293.1 | 1287.3 | 1281.0 | 1271.4 | 1263.1 | 1253.6 | 1246.6 | 1244.7 |
| 35°   | 1233.8 | 1220.5 | 1206.4 | 1197.5 | 1196.3 | 1188.6 | 1179.1 | 1172.1 | 1165.0 | 1154.2 | 1152.3 |
| 37.5° | 1126.8 | 1119.2 | 1109.6 | 1096.9 | 1091.2 | 1091.2 | 1081.6 | 1076.5 | 1067.6 | 1067.0 | 1061.9 |
| 40°   | 1021.7 | 1018.5 | 1003.9 | 1000.1 | 998.8  | 989.9  | 987.3  | 978.4  | 972.0  | 971.4  | 963.8  |
| 42.5° | 917.9  | 909.6  | 907.1  | 900.7  | 895.0  | 893.7  | 888.0  | 884.1  | 881.6  | 877.8  | 873.9  |
| 45°   | 814.7  | 812.8  | 806.4  | 802.0  | 800.1  | 797.5  | 795.6  | 788.0  | 786.7  | 783.5  | 781.6  |
| 47.5° | 725.5  | 720.4  | 714.7  | 709.6  | 709.0  | 705.1  | 700.7  | 700.7  | 693.7  | 693.0  | 691.8  |
| 50°   | 637.0  | 633.2  | 630.0  | 623.0  | 624.2  | 619.1  | 618.5  | 612.8  | 609.6  | 607.0  | 610.2  |
| 52.5° | 559.3  | 551.6  | 550.4  | 544.6  | 542.7  | 543.3  | 536.3  | 534.4  | 533.2  | 530.6  | 529.3  |
| 55°   | 485.4  | 481.6  | 476.5  | 472.6  | 469.5  | 466.3  | 463.7  | 463.7  | 456.7  | 457.4  | 454.2  |
| 57.5° | 420.4  | 417.2  | 410.9  | 405.1  | 403.8  | 400.0  | 396.8  | 393.7  | 393.0  | 388.6  | 385.4  |
| 60°   | 362.4  | 356.7  | 348.4  | 345.9  | 342.1  | 338.9  | 335.7  | 331.9  | 330.0  | 326.8  | 321.0  |
| 62.5° | 308.3  | 298.7  | 295.6  | 290.5  | 286.0  | 284.1  | 279.0  | 274.5  | 271.4  | 266.9  | 262.4  |
| 65°   | 256.7  | 249.7  | 244.0  | 238.2  | 237.6  | 232.5  | 228.0  | 224.2  | 217.8  | 214.0  | 205.7  |
| 67.5° | 209.6  | 203.2  | 196.8  | 191.1  | 186.6  | 185.4  | 178.4  | 173.9  | 169.4  | 161.8  | 154.8  |
| 70°   | 166.3  | 159.9  | 154.8  | 147.8  | 145.9  | 140.8  | 135.7  | 131.2  | 123.6  | 116.6  | 110.8  |
| 72.5° | 126.8  | 119.8  | 114.0  | 108.9  | 105.7  | 101.3  | 96.2   | 91.1   | 83.4   | 76.4   | 71.3   |
| 75°   | 90.5   | 85.4   | 79.6   | 74.5   | 72.0   | 69.4   | 63.7   | 58.0   | 52.9   | 45.9   | 41.4   |
| 77.5° | 61.2   | 56.1   | 51.0   | 46.5   | 43.3   | 41.4   | 37.6   | 33.1   | 28.7   | 24.8   | 21.7   |
| 80°   | 35.7   | 32.5   | 28.7   | 24.8   | 24.2   | 22.3   | 19.1   | 16.6   | 14.0   | 12.1   | 9.6    |
| 82.5° | 17.2   | 15.3   | 12.7   | 10.8   | 9.6    | 8.9    | 7.6    | 6.4    | 5.1    | 4.5    | 4.5    |
| 85°   | 5.1    | 4.5    | 3.8    | 3.2    | 2.5    | 2.5    | 1.9    | 1.9    | 1.9    | 1.9    | 1.9    |
| 87.5° | 0.6    | 0.6    | 0.6    | 0.6    | 0.6    | 0.6    | 0.6    | 0.6    | 0.6    | 0.6    | 0.6    |
| 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: P684269

CATALOG NUMBER: LX6C40D010 EX6C409040 6LBLWWH

**CANDELA DISTRIBUTION (continued):**

|       | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1895.0 | 1895.0 | 1895.0 | 1895.0 | 1895.0 | 1895.0 | 1895.0 | 1895.0 | 1895.0 | 1895.0 | 1895.0 |
| 2.5°  | 1889.9 | 1889.3 | 1888.7 | 1888.0 | 1886.8 | 1886.8 | 1884.8 | 1883.6 | 1883.6 | 1882.3 | 1881.7 |
| 5°    | 1873.4 | 1871.5 | 1870.8 | 1869.6 | 1868.3 | 1867.6 | 1865.1 | 1864.5 | 1863.2 | 1861.9 | 1861.9 |
| 7.5°  | 1849.8 | 1847.3 | 1844.7 | 1843.4 | 1842.8 | 1840.9 | 1839.6 | 1839.0 | 1837.1 | 1835.8 | 1833.2 |
| 10°   | 1818.6 | 1816.7 | 1813.5 | 1812.2 | 1810.9 | 1809.7 | 1806.5 | 1804.6 | 1803.9 | 1802.7 | 1801.4 |
| 12.5° | 1782.3 | 1779.7 | 1776.6 | 1774.0 | 1772.7 | 1770.8 | 1767.6 | 1765.7 | 1765.7 | 1763.2 | 1763.2 |
| 15°   | 1743.4 | 1739.6 | 1733.9 | 1731.3 | 1730.7 | 1726.9 | 1724.3 | 1721.8 | 1718.6 | 1717.3 | 1717.3 |
| 17.5° | 1693.7 | 1687.4 | 1682.3 | 1682.3 | 1679.7 | 1675.9 | 1672.1 | 1670.2 | 1668.3 | 1665.7 | 1664.4 |
| 20°   | 1635.1 | 1630.7 | 1624.9 | 1624.9 | 1619.2 | 1617.9 | 1614.1 | 1613.5 | 1609.0 | 1609.7 | 1607.8 |
| 22.5° | 1564.4 | 1561.9 | 1558.7 | 1556.2 | 1553.0 | 1549.1 | 1547.2 | 1547.9 | 1546.0 | 1545.3 | 1544.7 |
| 25°   | 1493.1 | 1486.1 | 1482.3 | 1481.0 | 1479.7 | 1476.5 | 1475.3 | 1474.6 | 1474.6 | 1472.7 | 1473.3 |
| 27.5° | 1410.9 | 1405.8 | 1400.7 | 1402.6 | 1400.1 | 1398.2 | 1396.9 | 1395.0 | 1396.3 | 1395.6 | 1396.3 |
| 30°   | 1326.8 | 1320.5 | 1317.3 | 1318.6 | 1317.9 | 1312.8 | 1315.4 | 1314.7 | 1315.4 | 1315.4 | 1316.6 |
| 32.5° | 1238.3 | 1233.8 | 1233.2 | 1233.8 | 1228.1 | 1228.7 | 1226.2 | 1230.0 | 1230.7 | 1234.5 | 1231.3 |
| 35°   | 1148.5 | 1145.9 | 1141.5 | 1140.8 | 1141.5 | 1140.8 | 1140.8 | 1143.4 | 1142.8 | 1146.6 | 1145.3 |
| 37.5° | 1056.1 | 1054.8 | 1050.4 | 1051.7 | 1049.1 | 1053.6 | 1054.8 | 1053.6 | 1058.0 | 1056.8 | 1056.1 |
| 40°   | 965.7  | 963.8  | 961.2  | 966.3  | 963.1  | 960.6  | 965.0  | 961.2  | 962.5  | 966.3  | 966.3  |
| 42.5° | 873.9  | 870.8  | 870.8  | 870.8  | 870.1  | 870.1  | 872.0  | 873.9  | 872.7  | 873.3  | 878.4  |
| 45°   | 781.6  | 780.9  | 779.0  | 780.3  | 779.7  | 782.9  | 782.9  | 784.1  | 786.7  | 789.2  | 788.0  |
| 47.5° | 692.4  | 691.1  | 693.0  | 691.8  | 692.4  | 690.5  | 691.8  | 695.6  | 698.8  | 694.3  | 698.8  |
| 50°   | 609.0  | 606.4  | 605.8  | 607.7  | 607.0  | 606.4  | 607.7  | 607.7  | 606.4  | 606.4  | 610.9  |
| 52.5° | 529.3  | 526.8  | 524.9  | 528.1  | 526.1  | 526.8  | 524.2  | 524.2  | 525.5  | 524.2  | 522.3  |
| 55°   | 454.8  | 452.9  | 450.3  | 451.6  | 448.4  | 447.8  | 445.3  | 445.3  | 443.3  | 442.1  | 438.2  |
| 57.5° | 383.5  | 382.2  | 376.5  | 375.8  | 376.5  | 372.0  | 367.5  | 365.6  | 360.5  | 359.3  | 358.6  |
| 60°   | 320.4  | 313.4  | 310.2  | 306.4  | 303.8  | 301.9  | 296.8  | 293.7  | 286.0  | 281.5  | 280.9  |
| 62.5° | 254.8  | 251.6  | 247.8  | 242.1  | 240.8  | 234.4  | 229.3  | 221.0  | 217.2  | 211.5  | 205.7  |
| 65°   | 201.9  | 193.6  | 187.9  | 184.7  | 179.6  | 173.9  | 168.2  | 159.2  | 154.8  | 147.8  | 142.0  |
| 67.5° | 147.8  | 140.8  | 133.1  | 130.6  | 126.1  | 119.1  | 113.4  | 105.7  | 101.9  | 95.5   | 93.6   |
| 70°   | 101.3  | 94.9   | 89.2   | 85.4   | 82.2   | 75.2   | 69.4   | 66.9   | 63.1   | 61.8   | 61.8   |
| 72.5° | 65.0   | 59.2   | 52.9   | 51.0   | 48.4   | 44.6   | 40.8   | 39.5   | 40.8   | 40.1   | 40.1   |
| 75°   | 36.3   | 33.1   | 28.7   | 26.8   | 26.8   | 25.5   | 24.8   | 24.8   | 24.8   | 24.8   | 24.8   |
| 77.5° | 18.5   | 16.6   | 15.3   | 14.7   | 14.7   | 14.7   | 15.3   | 15.3   | 15.3   | 15.9   | 15.3   |
| 80°   | 8.9    | 8.3    | 8.3    | 8.3    | 8.9    | 8.9    | 8.9    | 8.9    | 8.9    | 9.6    | 8.9    |
| 82.5° | 4.5    | 4.5    | 4.5    | 4.5    | 4.5    | 4.5    | 5.1    | 5.1    | 5.1    | 5.1    | 5.1    |
| 85°   | 1.9    | 1.9    | 1.9    | 1.9    | 2.5    | 2.5    | 2.5    | 2.5    | 2.5    | 2.5    | 2.5    |
| 87.5° | 0.6    | 0.6    | 0.6    | 0.6    | 0.6    | 0.6    | 0.6    | 0.6    | 0.6    | 0.6    | 0.6    |
| 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: P684269

CATALOG NUMBER: LX6C40D010 EX6C409040 6LBLWWH

**CANDELA DISTRIBUTION (continued):**

|       | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1895.0 | 1895.0 | 1895.0 | 1895.0 | 1895.0 | 1895.0 | 1895.0 | 1895.0 |
| 2.5°  | 1881.0 | 1879.7 | 1879.7 | 1879.1 | 1879.1 | 1879.1 | 1879.1 | 1879.7 |
| 5°    | 1860.6 | 1860.0 | 1860.0 | 1858.7 | 1858.7 | 1858.7 | 1858.7 | 1858.7 |
| 7.5°  | 1833.2 | 1832.0 | 1832.6 | 1831.3 | 1831.3 | 1832.0 | 1831.3 | 1830.7 |
| 10°   | 1799.5 | 1798.8 | 1799.5 | 1799.5 | 1798.2 | 1797.6 | 1798.2 | 1798.8 |
| 12.5° | 1761.3 | 1760.6 | 1759.4 | 1760.0 | 1760.0 | 1759.4 | 1758.7 | 1757.4 |
| 15°   | 1716.7 | 1716.0 | 1715.4 | 1714.8 | 1714.1 | 1714.8 | 1714.1 | 1712.9 |
| 17.5° | 1664.4 | 1664.4 | 1663.8 | 1663.2 | 1662.5 | 1661.3 | 1661.9 | 1663.8 |
| 20°   | 1608.4 | 1607.8 | 1606.5 | 1607.1 | 1604.6 | 1603.3 | 1603.9 | 1605.8 |
| 22.5° | 1544.1 | 1542.1 | 1543.4 | 1541.5 | 1541.5 | 1542.1 | 1541.5 | 1540.2 |
| 25°   | 1474.0 | 1471.4 | 1472.7 | 1473.3 | 1473.3 | 1472.7 | 1472.1 | 1472.7 |
| 27.5° | 1396.3 | 1398.2 | 1398.2 | 1396.9 | 1398.8 | 1396.3 | 1397.5 | 1398.2 |
| 30°   | 1316.6 | 1314.7 | 1314.1 | 1316.6 | 1320.5 | 1317.3 | 1317.3 | 1317.9 |
| 32.5° | 1234.5 | 1231.9 | 1231.9 | 1233.2 | 1232.6 | 1232.6 | 1235.1 | 1231.9 |
| 35°   | 1146.6 | 1147.8 | 1142.8 | 1145.9 | 1147.2 | 1145.9 | 1146.6 | 1146.6 |
| 37.5° | 1058.0 | 1056.8 | 1056.8 | 1056.8 | 1058.7 | 1058.7 | 1059.9 | 1059.3 |
| 40°   | 970.8  | 968.2  | 967.6  | 968.9  | 966.3  | 968.2  | 968.2  | 966.3  |
| 42.5° | 876.5  | 877.1  | 880.3  | 877.1  | 877.8  | 877.1  | 875.9  | 875.2  |
| 45°   | 789.2  | 791.1  | 789.9  | 789.2  | 789.9  | 787.3  | 788.0  | 789.9  |
| 47.5° | 696.9  | 700.7  | 696.9  | 699.4  | 698.8  | 697.5  | 696.2  | 693.7  |
| 50°   | 610.2  | 611.5  | 610.9  | 610.2  | 609.6  | 609.0  | 605.8  | 603.9  |
| 52.5° | 521.7  | 521.7  | 521.7  | 521.7  | 515.3  | 518.5  | 517.2  | 513.4  |
| 55°   | 435.1  | 437.0  | 434.4  | 434.4  | 430.0  | 430.0  | 428.7  | 429.3  |
| 57.5° | 351.6  | 349.7  | 347.8  | 347.8  | 343.3  | 341.4  | 339.5  | 337.0  |
| 60°   | 273.9  | 272.0  | 269.4  | 266.3  | 261.8  | 261.8  | 260.5  | 255.4  |
| 62.5° | 200.7  | 197.5  | 195.6  | 193.0  | 189.2  | 186.6  | 184.7  | 186.0  |
| 65°   | 137.6  | 134.4  | 131.9  | 131.9  | 131.9  | 130.6  | 129.9  | 129.9  |
| 67.5° | 90.5   | 92.4   | 91.1   | 92.4   | 92.4   | 91.1   | 90.5   | 91.7   |
| 70°   | 62.4   | 62.4   | 61.8   | 61.8   | 61.8   | 61.8   | 61.2   | 61.8   |
| 72.5° | 40.1   | 40.1   | 40.1   | 40.8   | 40.1   | 40.1   | 40.8   | 40.8   |
| 75°   | 25.5   | 25.5   | 25.5   | 26.1   | 25.5   | 25.5   | 26.1   | 25.5   |
| 77.5° | 15.3   | 15.9   | 15.9   | 15.9   | 15.9   | 15.3   | 15.9   | 15.9   |
| 80°   | 9.6    | 9.6    | 9.6    | 9.6    | 9.6    | 9.6    | 9.6    | 9.6    |
| 82.5° | 5.1    | 5.1    | 5.1    | 5.1    | 5.1    | 5.1    | 5.1    | 5.1    |
| 85°   | 2.5    | 2.5    | 2.5    | 2.5    | 2.5    | 2.5    | 2.5    | 2.5    |
| 87.5° | 0.6    | 0.6    | 0.6    | 0.6    | 0.6    | 0.6    | 0.6    | 0.6    |
| 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)