

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: P684975

Luminaire Tested: **LX6C35D010 EX6359035 6LCSWLI**

Issue Date: 2/15/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P684975  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P252180)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/15/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: PORTFOLIO  
Catalog Number: LX6C35D010 EX6359035 6LCSWLI  
Description: 6 INCH 3500 LUMEN PORTFOLIO LED DOWNLIGHT WITH, 3500K, 90CRI LEDS  
AND 6LCSW TRIM WITH LI FINISH  
Light Source: -  
Ballast/Driver: -

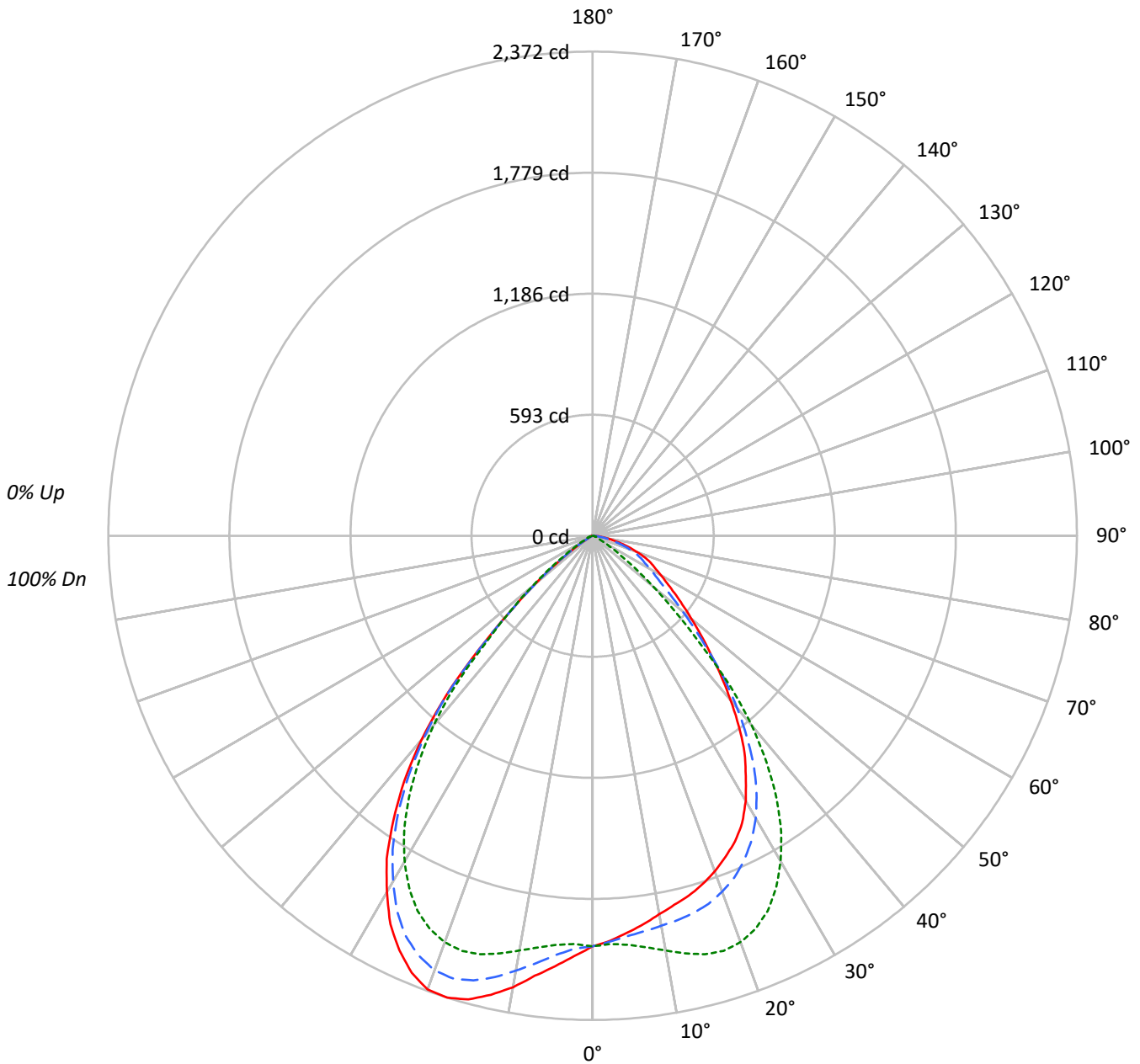
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 3676.0 lumens  
Efficiency: N/A  
Efficacy: 91.0 lumens/watt  
Spacing Criteria (0/90/45): 1.26 / 1.29 / 1.21  
Luminous Opening: Circular (Dia: 0.5' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 40.4  
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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### 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 |    |    | 100 |
| 1   | 112 | 108 | 105 | 103 | 109 | 106 | 103 | 101 | 102 | 100 | 98  | 98  | 96  | 95  | 95  | 93  | 92  | 90  |    |    | 90  |
| 2   | 105 | 98  | 93  | 89  | 102 | 97  | 92  | 88  | 93  | 89  | 86  | 90  | 87  | 84  | 87  | 85  | 82  | 80  |    |    | 80  |
| 3   | 98  | 89  | 83  | 78  | 95  | 88  | 82  | 78  | 85  | 80  | 76  | 83  | 78  | 75  | 80  | 77  | 74  | 72  |    |    | 72  |
| 4   | 91  | 82  | 75  | 69  | 89  | 80  | 74  | 69  | 78  | 72  | 68  | 76  | 71  | 67  | 74  | 70  | 66  | 65  |    |    | 65  |
| 5   | 85  | 75  | 67  | 62  | 83  | 74  | 67  | 62  | 72  | 66  | 61  | 70  | 65  | 61  | 68  | 64  | 60  | 58  |    |    | 58  |
| 6   | 80  | 69  | 61  | 56  | 78  | 68  | 61  | 56  | 66  | 60  | 55  | 64  | 59  | 55  | 63  | 58  | 54  | 53  |    |    | 53  |
| 7   | 74  | 63  | 56  | 51  | 73  | 62  | 55  | 50  | 61  | 55  | 50  | 60  | 54  | 50  | 58  | 53  | 50  | 48  |    |    | 48  |
| 8   | 70  | 58  | 51  | 46  | 69  | 58  | 51  | 46  | 57  | 50  | 46  | 55  | 50  | 46  | 54  | 49  | 45  | 44  |    |    | 44  |
| 9   | 66  | 54  | 47  | 42  | 64  | 54  | 47  | 42  | 53  | 46  | 42  | 52  | 46  | 42  | 51  | 45  | 42  | 40  |    |    | 40  |
| 10  | 62  | 50  | 43  | 39  | 61  | 50  | 43  | 39  | 49  | 43  | 39  | 48  | 43  | 39  | 47  | 42  | 38  | 37  |    |    | 37  |

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

|     | 0°     | 90°    | 180°   |
|-----|--------|--------|--------|
| 0°  | 110249 | 110249 | 110249 |
| 5°  | 107390 | 110670 | 116487 |
| 10° | 104774 | 114839 | 125003 |
| 15° | 103553 | 120466 | 133451 |
| 20° | 102063 | 123602 | 137959 |
| 25° | 99901  | 122687 | 135486 |
| 30° | 94932  | 116594 | 127545 |
| 35° | 86853  | 105123 | 113870 |
| 40° | 75126  | 86813  | 93418  |
| 45° | 63348  | 56944  | 61107  |
| 50° | 53781  | 32963  | 30993  |
| 55° | 46679  | 15799  | 11937  |
| 60° | 42157  | 7379   | 2949   |
| 65° | 40899  | 4242   | 999    |
| 70° | 36673  | 3398   | 930    |
| 75° | 30140  | 2457   | 424    |
| 80° | 22446  | 1200   | 0      |
| 85° | 19373  | 0      | 0      |



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 194.3  | 5.3       |
| 10°-20°   | 592.0  | 16.1      |
| 20°-30°   | 904.5  | 24.6      |
| 30°-40°   | 946.1  | 25.7      |
| 40°-50°   | 613.7  | 16.7      |
| 50°-60°   | 243.7  | 6.6       |
| 60°-70°   | 115.6  | 3.1       |
| 70°-80°   | 55.0   | 1.5       |
| 80°-90°   | 11.2   | 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°    | 1690.8 | 46.0      |
| 0°-40°    | 2636.8 | 71.7      |
| 0°-60°    | 3494.2 | 95.1      |
| 0°-90°    | 3676.0 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 3676.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 45°  | 90°  | 135° | 180° | Flux |
|-----|------|------|------|------|------|------|
| 0°  | 2011 | 2011 | 2011 | 2011 | 2011 |      |
| 5°  | 1952 | 1969 | 2011 | 2061 | 2117 | 184  |
| 15° | 1825 | 1913 | 2123 | 2255 | 2351 | 514  |
| 25° | 1652 | 1755 | 2028 | 2165 | 2240 | 756  |
| 35° | 1298 | 1377 | 1571 | 1663 | 1702 | 803  |
| 45° | 817  | 809  | 734  | 779  | 788  | 636  |
| 55° | 488  | 415  | 165  | 129  | 125  | 442  |
| 65° | 315  | 261  | 33   | 8    | 8    | 308  |
| 75° | 142  | 115  | 12   | 4    | 2    | 153  |
| 85° | 31   | 19   | 0    | 0    | 0    | 36   |
| 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°    | 2011.1 | 2011.1 | 2011.1 | 2011.1 | 2011.1 | 2011.1 | 2011.1 | 2011.1 | 2011.1 | 2011.1 | 2011.1 |
| 2.5°  | 1986.1 | 1989.9 | 1968.8 | 1963.0 | 1978.4 | 1984.1 | 1986.1 | 1980.3 | 1982.2 | 1989.9 | 1989.9 |
| 5°    | 1951.5 | 1955.3 | 1936.1 | 1930.3 | 1945.7 | 1949.6 | 1955.3 | 1953.4 | 1959.2 | 1970.7 | 1968.8 |
| 7.5°  | 1918.8 | 1924.6 | 1903.4 | 1895.7 | 1915.0 | 1924.6 | 1928.4 | 1928.4 | 1936.1 | 1951.5 | 1953.4 |
| 10°   | 1882.2 | 1890.0 | 1870.7 | 1866.8 | 1888.0 | 1897.6 | 1899.6 | 1903.4 | 1915.0 | 1936.1 | 1939.9 |
| 12.5° | 1851.5 | 1859.2 | 1845.7 | 1840.0 | 1863.0 | 1872.6 | 1876.4 | 1884.2 | 1897.6 | 1924.6 | 1928.4 |
| 15°   | 1824.6 | 1830.3 | 1814.9 | 1811.1 | 1834.2 | 1845.7 | 1847.6 | 1859.2 | 1876.4 | 1907.2 | 1913.0 |
| 17.5° | 1789.9 | 1793.8 | 1782.3 | 1778.5 | 1801.5 | 1813.0 | 1814.9 | 1828.4 | 1849.6 | 1880.3 | 1890.0 |
| 20°   | 1749.5 | 1753.5 | 1741.9 | 1738.1 | 1761.1 | 1774.6 | 1776.5 | 1788.1 | 1813.0 | 1845.7 | 1855.3 |
| 22.5° | 1701.5 | 1709.2 | 1695.8 | 1691.9 | 1715.0 | 1726.5 | 1732.3 | 1741.9 | 1766.9 | 1799.6 | 1813.0 |
| 25°   | 1651.6 | 1651.6 | 1642.0 | 1640.0 | 1661.2 | 1674.6 | 1672.7 | 1686.1 | 1711.1 | 1743.8 | 1755.3 |
| 27.5° | 1586.2 | 1584.2 | 1574.6 | 1572.7 | 1595.8 | 1607.3 | 1603.4 | 1616.9 | 1640.0 | 1672.7 | 1684.2 |
| 30°   | 1499.7 | 1503.5 | 1490.1 | 1486.2 | 1505.4 | 1524.7 | 1522.7 | 1536.2 | 1559.2 | 1590.0 | 1597.7 |
| 32.5° | 1395.8 | 1399.7 | 1397.8 | 1392.0 | 1409.3 | 1418.9 | 1424.7 | 1434.3 | 1453.5 | 1486.2 | 1493.9 |
| 35°   | 1297.8 | 1292.0 | 1284.3 | 1284.3 | 1301.6 | 1317.0 | 1311.2 | 1322.8 | 1342.0 | 1374.7 | 1376.6 |
| 37.5° | 1176.7 | 1174.7 | 1170.9 | 1167.0 | 1186.3 | 1190.1 | 1192.0 | 1199.7 | 1217.0 | 1243.9 | 1240.1 |
| 40°   | 1049.8 | 1051.6 | 1049.8 | 1042.0 | 1053.6 | 1069.0 | 1067.0 | 1070.9 | 1086.3 | 1105.5 | 1099.8 |
| 42.5° | 930.5  | 930.5  | 930.5  | 922.9  | 936.3  | 944.0  | 947.9  | 945.9  | 949.7  | 967.1  | 959.4  |
| 45°   | 817.1  | 819.0  | 817.1  | 815.2  | 817.1  | 821.0  | 817.1  | 815.2  | 815.2  | 821.0  | 809.4  |
| 47.5° | 719.1  | 719.1  | 713.3  | 707.5  | 713.3  | 715.2  | 709.5  | 703.7  | 701.7  | 699.9  | 680.6  |
| 50°   | 630.6  | 628.7  | 626.8  | 617.2  | 622.9  | 624.9  | 617.2  | 613.3  | 605.6  | 596.0  | 573.0  |
| 52.5° | 553.7  | 551.8  | 549.8  | 540.2  | 544.1  | 546.0  | 538.4  | 530.6  | 521.0  | 513.4  | 484.5  |
| 55°   | 488.4  | 486.4  | 486.4  | 480.7  | 476.8  | 480.7  | 473.0  | 467.2  | 453.7  | 444.1  | 415.3  |
| 57.5° | 432.6  | 432.6  | 428.7  | 423.0  | 424.9  | 424.9  | 417.2  | 409.5  | 398.0  | 386.5  | 363.4  |
| 60°   | 384.5  | 384.5  | 384.5  | 378.7  | 378.7  | 378.7  | 374.9  | 367.2  | 357.6  | 346.1  | 323.0  |
| 62.5° | 346.1  | 346.1  | 344.1  | 338.4  | 340.3  | 340.3  | 336.5  | 328.8  | 319.2  | 311.5  | 288.4  |
| 65°   | 315.3  | 315.3  | 315.3  | 309.6  | 309.6  | 311.5  | 307.6  | 300.0  | 292.2  | 282.6  | 261.4  |
| 67.5° | 276.8  | 275.0  | 275.0  | 271.1  | 273.0  | 275.0  | 271.1  | 265.3  | 255.7  | 250.0  | 230.7  |
| 70°   | 228.8  | 230.7  | 232.6  | 226.9  | 228.8  | 228.8  | 226.9  | 221.1  | 215.3  | 209.6  | 192.3  |
| 72.5° | 186.5  | 186.5  | 184.6  | 182.7  | 182.7  | 184.6  | 180.7  | 174.9  | 171.1  | 167.3  | 153.8  |
| 75°   | 142.3  | 140.3  | 142.3  | 138.5  | 138.5  | 138.5  | 134.6  | 132.7  | 130.7  | 124.9  | 115.3  |
| 77.5° | 103.8  | 101.9  | 101.9  | 98.1   | 100.0  | 100.0  | 98.1   | 94.2   | 90.3   | 88.4   | 80.7   |
| 80°   | 71.1   | 71.1   | 71.1   | 69.2   | 69.2   | 67.3   | 67.3   | 65.4   | 61.5   | 59.6   | 55.8   |
| 82.5° | 48.1   | 48.1   | 48.1   | 46.2   | 46.2   | 46.2   | 44.2   | 42.3   | 40.4   | 38.4   | 34.6   |
| 85°   | 30.8   | 30.8   | 30.8   | 28.8   | 28.8   | 28.8   | 26.9   | 26.9   | 25.0   | 23.1   | 19.2   |
| 87.5° | 17.3   | 17.3   | 17.3   | 15.4   | 15.4   | 15.4   | 15.4   | 15.4   | 13.4   | 11.6   | 9.6    |
| 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°    | 2011.1 | 2011.1 | 2011.1 | 2011.1 | 2011.1 | 2011.1 | 2011.1 | 2011.1 | 2011.1 | 2011.1 | 2011.1 |
| 2.5°  | 2003.3 | 1976.5 | 1993.7 | 1993.7 | 1988.0 | 2003.3 | 2013.0 | 2020.7 | 2018.7 | 2001.5 | 1999.5 |
| 5°    | 1988.0 | 1964.9 | 1984.1 | 1986.1 | 1980.3 | 2001.5 | 2014.9 | 2024.5 | 2026.5 | 2011.1 | 2013.0 |
| 7.5°  | 1976.5 | 1957.2 | 1982.2 | 1989.9 | 1988.0 | 2007.2 | 2022.6 | 2037.9 | 2045.7 | 2034.1 | 2036.1 |
| 10°   | 1970.7 | 1955.3 | 1982.2 | 1993.7 | 1995.7 | 2016.8 | 2039.9 | 2061.1 | 2070.7 | 2063.0 | 2068.7 |
| 12.5° | 1963.0 | 1953.4 | 1984.1 | 2001.5 | 2009.1 | 2030.3 | 2059.1 | 2084.1 | 2099.5 | 2095.7 | 2107.2 |
| 15°   | 1955.3 | 1947.6 | 1984.1 | 2009.1 | 2018.7 | 2037.9 | 2070.7 | 2107.2 | 2124.5 | 2122.6 | 2138.0 |
| 17.5° | 1936.1 | 1934.2 | 1972.6 | 1999.5 | 2013.0 | 2036.1 | 2066.8 | 2111.0 | 2128.4 | 2132.2 | 2151.4 |
| 20°   | 1905.3 | 1905.3 | 1947.6 | 1976.5 | 1991.8 | 2013.0 | 2051.5 | 2093.7 | 2114.9 | 2118.7 | 2139.9 |
| 22.5° | 1863.0 | 1866.8 | 1907.2 | 1936.1 | 1959.2 | 1974.5 | 2014.9 | 2059.1 | 2078.3 | 2084.1 | 2107.2 |
| 25°   | 1807.3 | 1811.1 | 1849.6 | 1878.4 | 1903.4 | 1920.7 | 1959.2 | 1999.5 | 2022.6 | 2028.3 | 2045.7 |
| 27.5° | 1734.2 | 1741.9 | 1778.5 | 1807.3 | 1828.4 | 1840.0 | 1880.3 | 1922.6 | 1939.9 | 1945.7 | 1963.0 |
| 30°   | 1649.6 | 1651.6 | 1688.1 | 1713.1 | 1734.2 | 1743.8 | 1778.5 | 1822.7 | 1836.1 | 1841.9 | 1866.8 |
| 32.5° | 1545.8 | 1543.9 | 1578.5 | 1601.6 | 1618.8 | 1630.4 | 1666.9 | 1695.8 | 1709.2 | 1718.8 | 1732.3 |
| 35°   | 1420.8 | 1418.9 | 1443.9 | 1470.8 | 1484.3 | 1488.1 | 1524.7 | 1555.4 | 1563.1 | 1570.8 | 1588.1 |
| 37.5° | 1280.5 | 1280.5 | 1301.6 | 1315.1 | 1330.4 | 1336.2 | 1353.6 | 1388.2 | 1401.6 | 1399.7 | 1413.1 |
| 40°   | 1132.4 | 1124.8 | 1140.1 | 1153.6 | 1157.4 | 1159.3 | 1176.7 | 1203.5 | 1213.1 | 1213.1 | 1222.8 |
| 42.5° | 976.7  | 965.1  | 967.1  | 974.8  | 978.6  | 965.1  | 976.7  | 994.0  | 988.2  | 995.9  | 997.9  |
| 45°   | 811.4  | 794.0  | 786.4  | 769.0  | 772.9  | 759.4  | 751.7  | 755.6  | 753.7  | 734.5  | 738.3  |
| 47.5° | 676.7  | 646.0  | 632.5  | 607.6  | 601.8  | 586.4  | 576.8  | 559.5  | 544.1  | 544.1  | 534.5  |
| 50°   | 563.4  | 532.6  | 505.6  | 476.8  | 467.2  | 453.7  | 432.6  | 409.5  | 398.0  | 386.5  | 376.8  |
| 52.5° | 473.0  | 440.3  | 407.6  | 376.8  | 363.4  | 346.1  | 317.2  | 294.2  | 273.0  | 261.4  | 250.0  |
| 55°   | 399.9  | 363.4  | 328.8  | 296.1  | 278.8  | 261.4  | 232.6  | 205.7  | 180.7  | 165.3  | 155.7  |
| 57.5° | 344.1  | 309.6  | 273.0  | 238.4  | 223.0  | 203.8  | 173.1  | 144.2  | 121.1  | 103.8  | 94.2   |
| 60°   | 303.8  | 269.2  | 236.5  | 200.0  | 184.6  | 165.3  | 132.7  | 105.7  | 82.7   | 67.3   | 55.8   |
| 62.5° | 269.2  | 238.4  | 203.8  | 171.1  | 155.7  | 136.5  | 105.7  | 78.8   | 57.7   | 42.3   | 32.7   |
| 65°   | 244.2  | 213.4  | 184.6  | 151.9  | 138.5  | 119.2  | 90.3   | 65.4   | 46.2   | 32.7   | 23.1   |
| 67.5° | 215.3  | 188.4  | 159.6  | 132.7  | 119.2  | 103.8  | 76.9   | 55.8   | 38.4   | 26.9   | 19.2   |
| 70°   | 180.7  | 159.6  | 134.6  | 109.6  | 100.0  | 86.5   | 63.4   | 46.2   | 30.8   | 21.2   | 15.4   |
| 72.5° | 144.2  | 126.9  | 107.7  | 88.4   | 80.7   | 67.3   | 51.9   | 36.6   | 23.1   | 15.4   | 11.6   |
| 75°   | 109.6  | 96.1   | 80.7   | 67.3   | 59.6   | 51.9   | 38.4   | 26.9   | 17.3   | 11.6   | 7.7    |
| 77.5° | 75.0   | 69.2   | 57.7   | 46.2   | 42.3   | 36.6   | 25.0   | 17.3   | 11.6   | 7.7    | 3.8    |
| 80°   | 51.9   | 46.2   | 38.4   | 30.8   | 26.9   | 23.1   | 15.4   | 11.6   | 5.8    | 3.8    | 2.0    |
| 82.5° | 32.7   | 26.9   | 23.1   | 19.2   | 17.3   | 13.4   | 9.6    | 5.8    | 3.8    | 2.0    | 2.0    |
| 85°   | 17.3   | 15.4   | 13.4   | 9.6    | 9.6    | 7.7    | 5.8    | 3.8    | 2.0    | 0.0    | 0.0    |
| 87.5° | 9.6    | 7.7    | 5.8    | 3.8    | 3.8    | 2.0    | 2.0    | 2.0    | 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°    | 2011.1 | 2011.1 | 2011.1 | 2011.1 | 2011.1 | 2011.1 | 2011.1 | 2011.1 | 2011.1 | 2011.1 | 2011.1 |
| 2.5°  | 2022.6 | 2022.6 | 2020.7 | 2043.7 | 2016.8 | 2043.7 | 2030.3 | 2043.7 | 2024.5 | 2022.6 | 2024.5 |
| 5°    | 2037.9 | 2043.7 | 2045.7 | 2066.8 | 2041.9 | 2074.5 | 2063.0 | 2074.5 | 2061.1 | 2064.9 | 2070.7 |
| 7.5°  | 2068.7 | 2078.3 | 2076.5 | 2103.3 | 2078.3 | 2114.9 | 2107.2 | 2124.5 | 2111.0 | 2114.9 | 2122.6 |
| 10°   | 2103.3 | 2114.9 | 2116.8 | 2143.7 | 2120.6 | 2164.8 | 2155.2 | 2174.5 | 2163.0 | 2168.7 | 2178.4 |
| 12.5° | 2143.7 | 2157.2 | 2159.1 | 2189.8 | 2164.8 | 2211.0 | 2205.2 | 2224.5 | 2214.8 | 2220.6 | 2232.2 |
| 15°   | 2174.5 | 2193.7 | 2197.6 | 2228.3 | 2201.4 | 2249.5 | 2245.6 | 2270.6 | 2255.2 | 2264.9 | 2274.5 |
| 17.5° | 2189.8 | 2207.2 | 2214.8 | 2243.7 | 2220.6 | 2268.7 | 2264.9 | 2286.0 | 2274.5 | 2284.1 | 2295.6 |
| 20°   | 2180.2 | 2201.4 | 2207.2 | 2236.0 | 2213.0 | 2261.0 | 2255.2 | 2276.4 | 2264.9 | 2272.5 | 2284.1 |
| 22.5° | 2145.6 | 2166.8 | 2174.5 | 2201.4 | 2180.2 | 2224.5 | 2222.6 | 2241.8 | 2226.4 | 2236.0 | 2245.6 |
| 25°   | 2084.1 | 2107.2 | 2111.0 | 2136.0 | 2113.0 | 2159.1 | 2155.2 | 2176.4 | 2164.8 | 2170.6 | 2184.1 |
| 27.5° | 1995.7 | 2022.6 | 2028.3 | 2049.5 | 2032.2 | 2070.7 | 2070.7 | 2088.0 | 2074.5 | 2074.5 | 2088.0 |
| 30°   | 1890.0 | 1916.8 | 1920.7 | 1938.0 | 1922.6 | 1957.2 | 1959.2 | 1976.5 | 1955.3 | 1966.8 | 1968.8 |
| 32.5° | 1761.1 | 1778.5 | 1789.9 | 1805.3 | 1782.3 | 1826.5 | 1820.7 | 1834.2 | 1822.7 | 1822.7 | 1832.3 |
| 35°   | 1605.4 | 1626.6 | 1632.3 | 1651.6 | 1632.3 | 1666.9 | 1666.9 | 1674.6 | 1663.1 | 1663.1 | 1678.4 |
| 37.5° | 1436.2 | 1451.6 | 1453.5 | 1472.7 | 1457.3 | 1486.2 | 1484.3 | 1490.1 | 1478.5 | 1486.2 | 1486.2 |
| 40°   | 1238.1 | 1249.7 | 1253.5 | 1263.2 | 1261.3 | 1282.4 | 1280.5 | 1284.3 | 1278.5 | 1280.5 | 1284.3 |
| 42.5° | 1007.5 | 1022.8 | 1030.5 | 1038.2 | 1026.7 | 1055.5 | 1049.8 | 1055.5 | 1053.6 | 1055.5 | 1061.3 |
| 45°   | 742.1  | 753.7  | 759.4  | 761.4  | 757.5  | 774.8  | 788.2  | 776.8  | 778.6  | 774.8  | 782.5  |
| 47.5° | 536.4  | 538.4  | 534.5  | 546.0  | 536.4  | 544.1  | 548.0  | 549.8  | 538.4  | 536.4  | 544.1  |
| 50°   | 367.2  | 376.8  | 363.4  | 369.1  | 367.2  | 374.9  | 371.1  | 373.0  | 361.5  | 367.2  | 363.4  |
| 52.5° | 244.2  | 242.2  | 238.4  | 240.3  | 236.5  | 236.5  | 236.5  | 240.3  | 232.6  | 228.8  | 225.0  |
| 55°   | 148.1  | 144.2  | 136.5  | 134.6  | 134.6  | 136.5  | 132.7  | 128.8  | 128.8  | 126.9  | 126.9  |
| 57.5° | 86.5   | 80.7   | 76.9   | 75.0   | 71.1   | 69.2   | 67.3   | 67.3   | 63.4   | 63.4   | 63.4   |
| 60°   | 48.1   | 42.3   | 38.4   | 34.6   | 34.6   | 32.7   | 30.8   | 28.8   | 28.8   | 28.8   | 26.9   |
| 62.5° | 25.0   | 21.2   | 17.3   | 15.4   | 15.4   | 13.4   | 11.6   | 11.6   | 11.6   | 11.6   | 9.6    |
| 65°   | 17.3   | 13.4   | 11.6   | 9.6    | 9.6    | 7.7    | 7.7    | 7.7    | 7.7    | 7.7    | 7.7    |
| 67.5° | 13.4   | 11.6   | 9.6    | 7.7    | 7.7    | 7.7    | 5.8    | 5.8    | 5.8    | 5.8    | 5.8    |
| 70°   | 11.6   | 7.7    | 7.7    | 5.8    | 5.8    | 5.8    | 5.8    | 5.8    | 5.8    | 5.8    | 5.8    |
| 72.5° | 7.7    | 7.7    | 5.8    | 5.8    | 5.8    | 5.8    | 5.8    | 5.8    | 5.8    | 5.8    | 5.8    |
| 75°   | 5.8    | 3.8    | 3.8    | 3.8    | 3.8    | 3.8    | 3.8    | 3.8    | 3.8    | 3.8    | 3.8    |
| 77.5° | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 80°   | 2.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 82.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 85°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 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    |





TEST NUMBER: P684975

CATALOG NUMBER: LX6C35D010 EX6359035 6LCSWLI

**CANDELA DISTRIBUTION (continued):**

|       | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 2011.1 | 2011.1 | 2011.1 | 2011.1 | 2011.1 | 2011.1 | 2011.1 | 2011.1 |
| 2.5°  | 2041.9 | 2039.9 | 2041.9 | 2045.7 | 2037.9 | 2061.1 | 2049.5 | 2061.1 |
| 5°    | 2086.1 | 2088.0 | 2089.9 | 2095.7 | 2086.1 | 2114.9 | 2099.5 | 2116.8 |
| 7.5°  | 2143.7 | 2145.6 | 2147.6 | 2153.4 | 2147.6 | 2176.4 | 2159.1 | 2174.5 |
| 10°   | 2203.4 | 2207.2 | 2207.2 | 2216.8 | 2211.0 | 2237.9 | 2226.4 | 2245.6 |
| 12.5° | 2259.1 | 2262.9 | 2266.8 | 2272.5 | 2268.7 | 2297.5 | 2287.9 | 2303.3 |
| 15°   | 2303.3 | 2311.0 | 2312.9 | 2320.6 | 2316.7 | 2347.5 | 2336.0 | 2351.4 |
| 17.5° | 2324.5 | 2332.1 | 2332.1 | 2341.7 | 2337.9 | 2370.6 | 2355.2 | 2372.5 |
| 20°   | 2312.9 | 2318.7 | 2320.6 | 2330.3 | 2326.3 | 2359.1 | 2343.7 | 2364.8 |
| 22.5° | 2276.4 | 2278.3 | 2280.2 | 2289.9 | 2287.9 | 2316.7 | 2303.3 | 2316.7 |
| 25°   | 2209.1 | 2214.8 | 2213.0 | 2220.6 | 2220.6 | 2243.7 | 2228.3 | 2239.9 |
| 27.5° | 2113.0 | 2118.7 | 2118.7 | 2128.4 | 2120.6 | 2143.7 | 2128.4 | 2145.6 |
| 30°   | 1995.7 | 2001.5 | 1997.6 | 2005.3 | 1997.6 | 2020.7 | 2009.1 | 2014.9 |
| 32.5° | 1855.3 | 1855.3 | 1857.2 | 1859.2 | 1855.3 | 1876.4 | 1865.0 | 1876.4 |
| 35°   | 1688.1 | 1691.9 | 1693.8 | 1695.8 | 1691.9 | 1707.3 | 1693.8 | 1701.5 |
| 37.5° | 1499.7 | 1509.3 | 1507.3 | 1509.3 | 1503.5 | 1522.7 | 1511.2 | 1515.1 |
| 40°   | 1297.8 | 1297.8 | 1295.8 | 1299.7 | 1293.9 | 1309.3 | 1301.6 | 1305.4 |
| 42.5° | 1063.2 | 1069.0 | 1061.3 | 1070.9 | 1055.5 | 1076.6 | 1069.0 | 1063.2 |
| 45°   | 797.9  | 790.2  | 788.2  | 790.2  | 784.4  | 786.4  | 792.1  | 788.2  |
| 47.5° | 544.1  | 544.1  | 540.2  | 534.5  | 542.2  | 544.1  | 536.4  | 536.4  |
| 50°   | 365.3  | 365.3  | 361.5  | 359.5  | 363.4  | 361.5  | 357.6  | 363.4  |
| 52.5° | 232.6  | 225.0  | 225.0  | 228.8  | 225.0  | 221.1  | 226.9  | 223.0  |
| 55°   | 126.9  | 123.1  | 123.1  | 126.9  | 123.1  | 123.1  | 121.1  | 124.9  |
| 57.5° | 61.5   | 63.4   | 61.5   | 61.5   | 61.5   | 61.5   | 59.6   | 61.5   |
| 60°   | 26.9   | 26.9   | 26.9   | 26.9   | 26.9   | 26.9   | 26.9   | 26.9   |
| 62.5° | 11.6   | 11.6   | 9.6    | 9.6    | 9.6    | 9.6    | 9.6    | 9.6    |
| 65°   | 7.7    | 7.7    | 7.7    | 7.7    | 7.7    | 7.7    | 7.7    | 7.7    |
| 67.5° | 5.8    | 5.8    | 5.8    | 5.8    | 5.8    | 7.7    | 5.8    | 5.8    |
| 70°   | 5.8    | 5.8    | 5.8    | 5.8    | 5.8    | 5.8    | 5.8    | 5.8    |
| 72.5° | 5.8    | 5.8    | 7.7    | 7.7    | 7.7    | 7.7    | 7.7    | 7.7    |
| 75°   | 3.8    | 3.8    | 3.8    | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    |
| 77.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 80°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 82.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 85°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 87.5° | 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    |



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















(END OF REPORT)