

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: P684995

Luminaire Tested: **LX6C40D010 EX6409030 6LCSWLI**

Issue Date: 2/15/2022

Test Information

Test Method: LM-79-08
Report Number: P684995
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: LX6C40D010 EX6409030 6LCSWLI
Description: 6 INCH 4000 LUMEN PORTFOLIO LED DOWNLIGHT WITH, 3000K, 90CRI LEDS
AND 6LCSW TRIM WITH LI FINISH
Light Source: -
Ballast/Driver: -

Summary

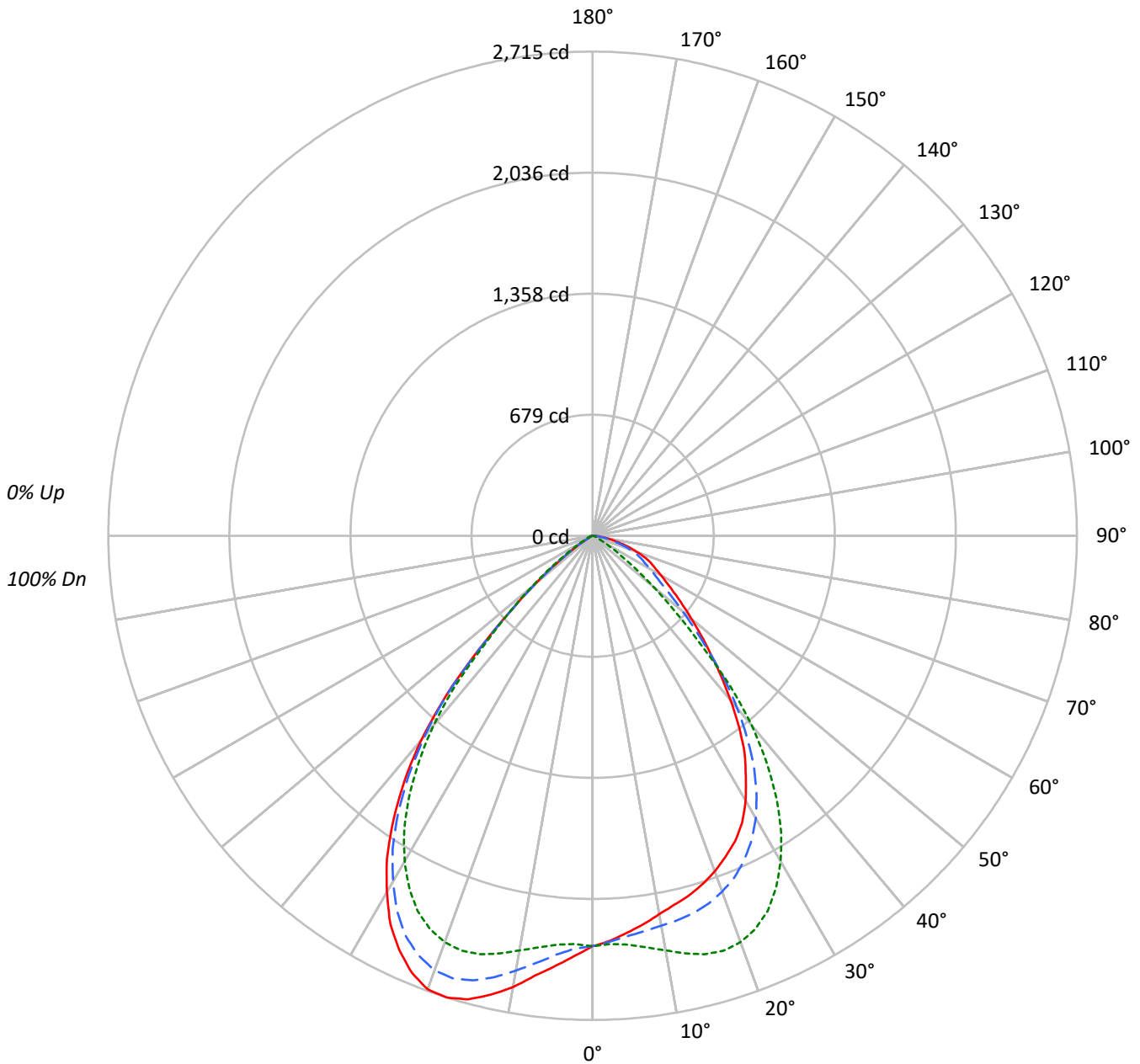
Lumens per Lamp: N/A
Luminaire Lumens: 4207.0 lumens
Efficiency: N/A
Efficacy: 89.5 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.29 / 1.21
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 47
Input Voltage (V):
Input Current (A_{in}): 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: P684995

CATALOG NUMBER: LX6C40D010 EX6409030 6LCSWLI

Luminous Intensity Polar Plot





TEST NUMBER: P684995

CATALOG NUMBER: LX6C40D010 EX6409030 6LCSWLI

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 | 112 | 108 | 105 | 103 | 109 | 106 | 103 | 101 | 102 | 100 | 98 | 98 | 96 | 95 | 95 | 93 | 92 | 90 | | | |
| 2 | 105 | 98 | 93 | 89 | 102 | 97 | 92 | 88 | 93 | 89 | 86 | 90 | 87 | 84 | 87 | 85 | 82 | 80 | | | |
| 3 | 98 | 89 | 83 | 78 | 95 | 88 | 82 | 78 | 85 | 80 | 76 | 83 | 78 | 75 | 80 | 77 | 74 | 72 | | | |
| 4 | 91 | 82 | 75 | 69 | 89 | 80 | 74 | 69 | 78 | 72 | 68 | 76 | 71 | 67 | 74 | 70 | 66 | 65 | | | |
| 5 | 85 | 75 | 67 | 62 | 83 | 74 | 67 | 62 | 72 | 66 | 61 | 70 | 65 | 61 | 68 | 64 | 60 | 58 | | | |
| 6 | 80 | 69 | 61 | 56 | 78 | 68 | 61 | 56 | 66 | 60 | 55 | 64 | 59 | 55 | 63 | 58 | 54 | 53 | | | |
| 7 | 74 | 63 | 56 | 51 | 73 | 62 | 55 | 50 | 61 | 55 | 50 | 60 | 54 | 50 | 58 | 53 | 50 | 48 | | | |
| 8 | 70 | 58 | 51 | 46 | 69 | 58 | 51 | 46 | 57 | 50 | 46 | 55 | 50 | 46 | 54 | 49 | 45 | 44 | | | |
| 9 | 66 | 54 | 47 | 42 | 64 | 54 | 47 | 42 | 53 | 46 | 42 | 52 | 46 | 42 | 51 | 45 | 42 | 40 | | | |
| 10 | 62 | 50 | 43 | 39 | 61 | 50 | 43 | 39 | 49 | 43 | 39 | 48 | 43 | 39 | 47 | 42 | 38 | 37 | | | |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° |
|-----|--------|--------|--------|
| 0° | 126174 | 126174 | 126174 |
| 5° | 122898 | 126656 | 133315 |
| 10° | 119910 | 131422 | 143061 |
| 15° | 118508 | 137867 | 152725 |
| 20° | 116811 | 141459 | 157887 |
| 25° | 114327 | 140409 | 155053 |
| 30° | 108643 | 133438 | 145972 |
| 35° | 99394 | 120308 | 130319 |
| 40° | 85975 | 99358 | 106915 |
| 45° | 72504 | 65170 | 69937 |
| 50° | 61550 | 37722 | 35470 |
| 55° | 53417 | 18083 | 13667 |
| 60° | 48253 | 8442 | 3377 |
| 65° | 46801 | 4851 | 1141 |
| 70° | 41962 | 3879 | 1058 |
| 75° | 34482 | 2796 | 466 |
| 80° | 25698 | 1389 | 0 |
| 85° | 22140 | 0 | 0 |



TEST NUMBER: P684995

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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 222.3 | 5.3 |
| 10°-20° | 677.5 | 16.1 |
| 20°-30° | 1035.2 | 24.6 |
| 30°-40° | 1082.7 | 25.7 |
| 40°-50° | 702.4 | 16.7 |
| 50°-60° | 278.9 | 6.6 |
| 60°-70° | 132.3 | 3.1 |
| 70°-80° | 62.9 | 1.5 |
| 80°-90° | 12.8 | 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° | 1935.0 | 46.0 |
| 0°-40° | 3017.7 | 71.7 |
| 0°-60° | 3999.0 | 95.1 |
| 0°-90° | 4207.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 4207.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 45° | 90° | 135° | 180° | Flux |
|-----|------|------|------|------|------|------|
| 0° | 2302 | 2302 | 2302 | 2302 | 2302 | |
| 5° | 2233 | 2253 | 2302 | 2359 | 2423 | 211 |
| 15° | 2088 | 2189 | 2429 | 2581 | 2691 | 588 |
| 25° | 1890 | 2009 | 2321 | 2478 | 2563 | 866 |
| 35° | 1485 | 1576 | 1798 | 1903 | 1947 | 918 |
| 45° | 935 | 926 | 841 | 891 | 902 | 728 |
| 55° | 559 | 475 | 189 | 148 | 143 | 506 |
| 65° | 361 | 299 | 37 | 9 | 9 | 352 |
| 75° | 163 | 132 | 13 | 4 | 2 | 176 |
| 85° | 35 | 22 | 0 | 0 | 0 | 41 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P684995

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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 22.5° | 25° | 30° | 35° | 40° | 45° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2301.6 | 2301.6 | 2301.6 | 2301.6 | 2301.6 | 2301.6 | 2301.6 | 2301.6 | 2301.6 | 2301.6 | 2301.6 |
| 2.5° | 2273.0 | 2277.3 | 2253.2 | 2246.6 | 2264.2 | 2270.7 | 2273.0 | 2266.3 | 2268.6 | 2277.3 | 2277.3 |
| 5° | 2233.3 | 2237.7 | 2215.7 | 2209.1 | 2226.7 | 2231.2 | 2237.7 | 2235.6 | 2242.2 | 2255.3 | 2253.2 |
| 7.5° | 2196.0 | 2202.6 | 2178.3 | 2169.6 | 2191.6 | 2202.6 | 2207.0 | 2207.0 | 2215.7 | 2233.3 | 2235.6 |
| 10° | 2154.1 | 2163.0 | 2141.0 | 2136.5 | 2160.7 | 2171.7 | 2174.0 | 2178.3 | 2191.6 | 2215.7 | 2220.1 |
| 12.5° | 2119.0 | 2127.7 | 2112.3 | 2105.7 | 2132.1 | 2143.1 | 2147.5 | 2156.3 | 2171.7 | 2202.6 | 2207.0 |
| 15° | 2088.1 | 2094.7 | 2077.1 | 2072.7 | 2099.1 | 2112.3 | 2114.5 | 2127.7 | 2147.5 | 2182.7 | 2189.3 |
| 17.5° | 2048.5 | 2052.9 | 2039.7 | 2035.4 | 2061.7 | 2074.9 | 2077.1 | 2092.5 | 2116.7 | 2152.0 | 2163.0 |
| 20° | 2002.3 | 2006.7 | 1993.5 | 1989.1 | 2015.5 | 2030.9 | 2033.1 | 2046.4 | 2074.9 | 2112.3 | 2123.3 |
| 22.5° | 1947.3 | 1956.1 | 1940.7 | 1936.3 | 1962.7 | 1975.9 | 1982.5 | 1993.5 | 2022.1 | 2059.5 | 2074.9 |
| 25° | 1890.1 | 1890.1 | 1879.1 | 1876.9 | 1901.1 | 1916.5 | 1914.3 | 1929.7 | 1958.3 | 1995.7 | 2008.9 |
| 27.5° | 1815.3 | 1813.1 | 1802.1 | 1799.9 | 1826.3 | 1839.5 | 1835.1 | 1850.5 | 1876.9 | 1914.3 | 1927.5 |
| 30° | 1716.3 | 1720.7 | 1705.3 | 1700.8 | 1722.9 | 1744.9 | 1742.7 | 1758.1 | 1784.4 | 1819.7 | 1828.5 |
| 32.5° | 1597.5 | 1601.8 | 1599.7 | 1593.1 | 1612.8 | 1623.8 | 1630.4 | 1641.4 | 1663.4 | 1700.8 | 1709.7 |
| 35° | 1485.2 | 1478.6 | 1469.8 | 1469.8 | 1489.6 | 1507.2 | 1500.6 | 1513.8 | 1535.8 | 1573.2 | 1575.5 |
| 37.5° | 1346.6 | 1344.4 | 1340.0 | 1335.6 | 1357.6 | 1362.0 | 1364.2 | 1373.0 | 1392.8 | 1423.6 | 1419.2 |
| 40° | 1201.4 | 1203.5 | 1201.4 | 1192.5 | 1205.8 | 1223.4 | 1221.2 | 1225.6 | 1243.2 | 1265.2 | 1258.6 |
| 42.5° | 1064.9 | 1064.9 | 1064.9 | 1056.2 | 1071.6 | 1080.4 | 1084.8 | 1082.6 | 1086.9 | 1106.8 | 1097.9 |
| 45° | 935.2 | 937.3 | 935.2 | 932.9 | 935.2 | 939.6 | 935.2 | 932.9 | 932.9 | 939.6 | 926.3 |
| 47.5° | 823.0 | 823.0 | 816.3 | 809.7 | 816.3 | 818.5 | 812.0 | 805.3 | 803.1 | 801.0 | 779.0 |
| 50° | 721.7 | 719.5 | 717.3 | 706.3 | 712.9 | 715.1 | 706.3 | 701.9 | 693.1 | 682.1 | 655.7 |
| 52.5° | 633.7 | 631.5 | 629.3 | 618.3 | 622.7 | 624.9 | 616.1 | 607.3 | 596.3 | 587.5 | 554.5 |
| 55° | 558.9 | 556.7 | 556.7 | 550.1 | 545.7 | 550.1 | 541.3 | 534.7 | 519.3 | 508.3 | 475.3 |
| 57.5° | 495.0 | 495.0 | 490.7 | 484.0 | 486.3 | 486.3 | 477.5 | 468.7 | 455.4 | 442.3 | 415.9 |
| 60° | 440.1 | 440.1 | 440.1 | 433.4 | 433.4 | 433.4 | 429.1 | 420.3 | 409.3 | 396.1 | 369.7 |
| 62.5° | 396.1 | 396.1 | 393.8 | 387.3 | 389.4 | 389.4 | 385.1 | 376.3 | 365.3 | 356.4 | 330.1 |
| 65° | 360.8 | 360.8 | 360.8 | 354.3 | 354.3 | 356.4 | 352.1 | 343.3 | 334.4 | 323.4 | 299.2 |
| 67.5° | 316.8 | 314.7 | 314.7 | 310.2 | 312.4 | 314.7 | 310.2 | 303.7 | 292.7 | 286.1 | 264.1 |
| 70° | 261.8 | 264.1 | 266.2 | 259.7 | 261.8 | 261.8 | 259.7 | 253.1 | 246.4 | 239.8 | 220.1 |
| 72.5° | 213.5 | 213.5 | 211.2 | 209.1 | 209.1 | 211.2 | 206.8 | 200.2 | 195.8 | 191.5 | 176.0 |
| 75° | 162.8 | 160.6 | 162.8 | 158.5 | 158.5 | 158.5 | 154.0 | 151.8 | 149.6 | 143.0 | 132.0 |
| 77.5° | 118.8 | 116.6 | 116.6 | 112.2 | 114.5 | 114.5 | 112.2 | 107.8 | 103.4 | 101.2 | 92.4 |
| 80° | 81.4 | 81.4 | 81.4 | 79.2 | 79.2 | 77.0 | 77.0 | 74.8 | 70.4 | 68.2 | 63.8 |
| 82.5° | 55.0 | 55.0 | 55.0 | 52.8 | 52.8 | 52.8 | 50.6 | 48.4 | 46.2 | 44.0 | 39.6 |
| 85° | 35.2 | 35.2 | 35.2 | 33.0 | 33.0 | 33.0 | 30.8 | 30.8 | 28.6 | 26.4 | 22.0 |
| 87.5° | 19.8 | 19.8 | 19.8 | 17.6 | 17.6 | 17.6 | 17.6 | 17.6 | 15.4 | 13.2 | 11.0 |
| 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° | 2301.6 | 2301.6 | 2301.6 | 2301.6 | 2301.6 | 2301.6 | 2301.6 | 2301.6 | 2301.6 | 2301.6 | 2301.6 |
| 2.5° | 2292.7 | 2262.0 | 2281.7 | 2281.7 | 2275.2 | 2292.7 | 2303.8 | 2312.6 | 2310.3 | 2290.6 | 2288.3 |
| 5° | 2275.2 | 2248.7 | 2270.7 | 2273.0 | 2266.3 | 2290.6 | 2306.0 | 2317.0 | 2319.2 | 2301.6 | 2303.8 |
| 7.5° | 2262.0 | 2240.0 | 2268.6 | 2277.3 | 2275.2 | 2297.2 | 2314.8 | 2332.3 | 2341.2 | 2327.9 | 2330.2 |
| 10° | 2255.3 | 2237.7 | 2268.6 | 2281.7 | 2284.0 | 2308.2 | 2334.6 | 2358.8 | 2369.8 | 2360.9 | 2367.6 |
| 12.5° | 2246.6 | 2235.6 | 2270.7 | 2290.6 | 2299.3 | 2323.6 | 2356.6 | 2385.2 | 2402.8 | 2398.4 | 2411.6 |
| 15° | 2237.7 | 2229.0 | 2270.7 | 2299.3 | 2310.3 | 2332.3 | 2369.8 | 2411.6 | 2431.4 | 2429.2 | 2446.8 |
| 17.5° | 2215.7 | 2213.6 | 2257.6 | 2288.3 | 2303.8 | 2330.2 | 2365.3 | 2415.9 | 2435.8 | 2440.2 | 2462.2 |
| 20° | 2180.6 | 2180.6 | 2229.0 | 2262.0 | 2279.6 | 2303.8 | 2347.8 | 2396.2 | 2420.4 | 2424.8 | 2449.0 |
| 22.5° | 2132.1 | 2136.5 | 2182.7 | 2215.7 | 2242.2 | 2259.7 | 2306.0 | 2356.6 | 2378.6 | 2385.2 | 2411.6 |
| 25° | 2068.4 | 2072.7 | 2116.7 | 2149.7 | 2178.3 | 2198.1 | 2242.2 | 2288.3 | 2314.8 | 2321.3 | 2341.2 |
| 27.5° | 1984.7 | 1993.5 | 2035.4 | 2068.4 | 2092.5 | 2105.7 | 2152.0 | 2200.3 | 2220.1 | 2226.7 | 2246.6 |
| 30° | 1887.9 | 1890.1 | 1931.9 | 1960.5 | 1984.7 | 1995.7 | 2035.4 | 2086.0 | 2101.3 | 2108.0 | 2136.5 |
| 32.5° | 1769.1 | 1766.9 | 1806.5 | 1832.9 | 1852.7 | 1865.9 | 1907.7 | 1940.7 | 1956.1 | 1967.1 | 1982.5 |
| 35° | 1626.1 | 1623.8 | 1652.4 | 1683.3 | 1698.7 | 1703.1 | 1744.9 | 1780.1 | 1788.9 | 1797.7 | 1817.5 |
| 37.5° | 1465.5 | 1465.5 | 1489.6 | 1505.1 | 1522.6 | 1529.2 | 1549.1 | 1588.7 | 1604.1 | 1601.8 | 1617.2 |
| 40° | 1296.0 | 1287.2 | 1304.8 | 1320.2 | 1324.6 | 1326.8 | 1346.6 | 1377.4 | 1388.4 | 1388.4 | 1399.4 |
| 42.5° | 1117.8 | 1104.6 | 1106.8 | 1115.6 | 1119.9 | 1104.6 | 1117.8 | 1137.6 | 1130.9 | 1139.8 | 1142.0 |
| 45° | 928.6 | 908.7 | 900.0 | 880.1 | 884.6 | 869.1 | 860.3 | 864.7 | 862.6 | 840.6 | 845.0 |
| 47.5° | 774.5 | 739.3 | 723.9 | 695.3 | 688.7 | 671.1 | 660.1 | 640.3 | 622.7 | 622.7 | 611.7 |
| 50° | 644.7 | 609.5 | 578.7 | 545.7 | 534.7 | 519.3 | 495.0 | 468.7 | 455.4 | 442.3 | 431.3 |
| 52.5° | 541.3 | 503.9 | 466.4 | 431.3 | 415.9 | 396.1 | 363.1 | 336.7 | 312.4 | 299.2 | 286.1 |
| 55° | 457.7 | 415.9 | 376.3 | 338.8 | 319.1 | 299.2 | 266.2 | 235.4 | 206.8 | 189.2 | 178.2 |
| 57.5° | 393.8 | 354.3 | 312.4 | 272.8 | 255.2 | 233.2 | 198.1 | 165.0 | 138.6 | 118.8 | 107.8 |
| 60° | 347.7 | 308.1 | 270.7 | 228.8 | 211.2 | 189.2 | 151.8 | 121.0 | 94.6 | 77.0 | 63.8 |
| 62.5° | 308.1 | 272.8 | 233.2 | 195.8 | 178.2 | 156.2 | 121.0 | 90.2 | 66.0 | 48.4 | 37.4 |
| 65° | 279.4 | 244.2 | 211.2 | 173.8 | 158.5 | 136.5 | 103.4 | 74.8 | 52.8 | 37.4 | 26.4 |
| 67.5° | 246.4 | 215.6 | 182.6 | 151.8 | 136.5 | 118.8 | 88.0 | 63.8 | 44.0 | 30.8 | 22.0 |
| 70° | 206.8 | 182.6 | 154.0 | 125.5 | 114.5 | 99.0 | 72.6 | 52.8 | 35.2 | 24.2 | 17.6 |
| 72.5° | 165.0 | 145.2 | 123.2 | 101.2 | 92.4 | 77.0 | 59.4 | 41.8 | 26.4 | 17.6 | 13.2 |
| 75° | 125.5 | 110.0 | 92.4 | 77.0 | 68.2 | 59.4 | 44.0 | 30.8 | 19.8 | 13.2 | 8.8 |
| 77.5° | 85.8 | 79.2 | 66.0 | 52.8 | 48.4 | 41.8 | 28.6 | 19.8 | 13.2 | 8.8 | 4.4 |
| 80° | 59.4 | 52.8 | 44.0 | 35.2 | 30.8 | 26.4 | 17.6 | 13.2 | 6.6 | 4.4 | 2.2 |
| 82.5° | 37.4 | 30.8 | 26.4 | 22.0 | 19.8 | 15.4 | 11.0 | 6.6 | 4.4 | 2.2 | 2.2 |
| 85° | 19.8 | 17.6 | 15.4 | 11.0 | 11.0 | 8.8 | 6.6 | 4.4 | 2.2 | 0.0 | 0.0 |
| 87.5° | 11.0 | 8.8 | 6.6 | 4.4 | 4.4 | 2.2 | 2.2 | 2.2 | 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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CATALOG NUMBER: LX6C40D010 EX6409030 6LCSWLI

CANDELA DISTRIBUTION (continued):

| | 100° | 105° | 110° | 112.5° | 115° | 120° | 125° | 130° | 135° | 140° | 145° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2301.6 | 2301.6 | 2301.6 | 2301.6 | 2301.6 | 2301.6 | 2301.6 | 2301.6 | 2301.6 | 2301.6 | 2301.6 |
| 2.5° | 2314.8 | 2314.8 | 2312.6 | 2338.9 | 2308.2 | 2338.9 | 2323.6 | 2338.9 | 2317.0 | 2314.8 | 2317.0 |
| 5° | 2332.3 | 2338.9 | 2341.2 | 2365.3 | 2336.8 | 2374.2 | 2360.9 | 2374.2 | 2358.8 | 2363.2 | 2369.8 |
| 7.5° | 2367.6 | 2378.6 | 2376.4 | 2407.2 | 2378.6 | 2420.4 | 2411.6 | 2431.4 | 2415.9 | 2420.4 | 2429.2 |
| 10° | 2407.2 | 2420.4 | 2422.6 | 2453.4 | 2426.9 | 2477.6 | 2466.6 | 2488.6 | 2475.4 | 2482.0 | 2493.0 |
| 12.5° | 2453.4 | 2468.8 | 2471.0 | 2506.2 | 2477.6 | 2530.4 | 2523.8 | 2545.8 | 2534.8 | 2541.4 | 2554.6 |
| 15° | 2488.6 | 2510.6 | 2515.0 | 2550.2 | 2519.4 | 2574.4 | 2570.0 | 2598.6 | 2581.0 | 2592.0 | 2603.0 |
| 17.5° | 2506.2 | 2526.0 | 2534.8 | 2567.8 | 2541.4 | 2596.4 | 2592.0 | 2616.2 | 2603.0 | 2614.0 | 2627.2 |
| 20° | 2495.2 | 2519.4 | 2526.0 | 2559.0 | 2532.6 | 2587.6 | 2581.0 | 2605.2 | 2592.0 | 2600.8 | 2614.0 |
| 22.5° | 2455.6 | 2479.8 | 2488.6 | 2519.4 | 2495.2 | 2545.8 | 2543.6 | 2565.6 | 2548.0 | 2559.0 | 2570.0 |
| 25° | 2385.2 | 2411.6 | 2415.9 | 2444.6 | 2418.2 | 2471.0 | 2466.6 | 2490.8 | 2477.6 | 2484.2 | 2499.6 |
| 27.5° | 2284.0 | 2314.8 | 2321.3 | 2345.6 | 2325.8 | 2369.8 | 2369.8 | 2389.6 | 2374.2 | 2374.2 | 2389.6 |
| 30° | 2163.0 | 2193.7 | 2198.1 | 2218.0 | 2200.3 | 2240.0 | 2242.2 | 2262.0 | 2237.7 | 2251.0 | 2253.2 |
| 32.5° | 2015.5 | 2035.4 | 2048.5 | 2066.1 | 2039.7 | 2090.3 | 2083.7 | 2099.1 | 2086.0 | 2086.0 | 2097.0 |
| 35° | 1837.3 | 1861.5 | 1868.1 | 1890.1 | 1868.1 | 1907.7 | 1907.7 | 1916.5 | 1903.3 | 1903.3 | 1920.9 |
| 37.5° | 1643.7 | 1661.3 | 1663.4 | 1685.4 | 1667.8 | 1700.8 | 1698.7 | 1705.3 | 1692.1 | 1700.8 | 1700.8 |
| 40° | 1417.0 | 1430.2 | 1434.6 | 1445.6 | 1443.5 | 1467.6 | 1465.5 | 1469.8 | 1463.2 | 1465.5 | 1469.8 |
| 42.5° | 1153.0 | 1170.5 | 1179.4 | 1188.2 | 1175.0 | 1208.0 | 1201.4 | 1208.0 | 1205.8 | 1208.0 | 1214.6 |
| 45° | 849.3 | 862.6 | 869.1 | 871.3 | 867.0 | 886.7 | 902.1 | 889.0 | 891.1 | 886.7 | 895.6 |
| 47.5° | 613.9 | 616.1 | 611.7 | 624.9 | 613.9 | 622.7 | 627.1 | 629.3 | 616.1 | 613.9 | 622.7 |
| 50° | 420.3 | 431.3 | 415.9 | 422.4 | 420.3 | 429.1 | 424.7 | 426.9 | 413.7 | 420.3 | 415.9 |
| 52.5° | 279.4 | 277.2 | 272.8 | 275.1 | 270.7 | 270.7 | 270.7 | 275.1 | 266.2 | 261.8 | 257.4 |
| 55° | 169.5 | 165.0 | 156.2 | 154.0 | 154.0 | 156.2 | 151.8 | 147.5 | 147.5 | 145.2 | 145.2 |
| 57.5° | 99.0 | 92.4 | 88.0 | 85.8 | 81.4 | 79.2 | 77.0 | 77.0 | 72.6 | 72.6 | 72.6 |
| 60° | 55.0 | 48.4 | 44.0 | 39.6 | 39.6 | 37.4 | 35.2 | 33.0 | 33.0 | 33.0 | 30.8 |
| 62.5° | 28.6 | 24.2 | 19.8 | 17.6 | 17.6 | 15.4 | 13.2 | 13.2 | 13.2 | 13.2 | 11.0 |
| 65° | 19.8 | 15.4 | 13.2 | 11.0 | 11.0 | 8.8 | 8.8 | 8.8 | 8.8 | 8.8 | 8.8 |
| 67.5° | 15.4 | 13.2 | 11.0 | 8.8 | 8.8 | 8.8 | 6.6 | 6.6 | 6.6 | 6.6 | 6.6 |
| 70° | 13.2 | 8.8 | 8.8 | 6.6 | 6.6 | 6.6 | 6.6 | 6.6 | 6.6 | 6.6 | 6.6 |
| 72.5° | 8.8 | 8.8 | 6.6 | 6.6 | 6.6 | 6.6 | 6.6 | 6.6 | 6.6 | 6.6 | 6.6 |
| 75° | 6.6 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 |
| 77.5° | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 80° | 2.2 | 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: P684995

CATALOG NUMBER: LX6C40D010 EX6409030 6LCSWLI

CANDELA DISTRIBUTION (continued):

| | 150° | 155° | 157.5° | 160° | 165° | 170° | 175° | 180° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2301.6 | 2301.6 | 2301.6 | 2301.6 | 2301.6 | 2301.6 | 2301.6 | 2301.6 |
| 2.5° | 2336.8 | 2334.6 | 2336.8 | 2341.2 | 2332.3 | 2358.8 | 2345.6 | 2358.8 |
| 5° | 2387.4 | 2389.6 | 2391.8 | 2398.4 | 2387.4 | 2420.4 | 2402.8 | 2422.6 |
| 7.5° | 2453.4 | 2455.6 | 2457.8 | 2464.4 | 2457.8 | 2490.8 | 2471.0 | 2488.6 |
| 10° | 2521.6 | 2526.0 | 2526.0 | 2537.0 | 2530.4 | 2561.2 | 2548.0 | 2570.0 |
| 12.5° | 2585.4 | 2589.8 | 2594.2 | 2600.8 | 2596.4 | 2629.4 | 2618.4 | 2636.0 |
| 15° | 2636.0 | 2644.8 | 2647.0 | 2655.8 | 2651.4 | 2686.6 | 2673.4 | 2691.0 |
| 17.5° | 2660.2 | 2669.0 | 2669.0 | 2680.0 | 2675.6 | 2713.0 | 2695.4 | 2715.2 |
| 20° | 2647.0 | 2653.6 | 2655.8 | 2666.9 | 2662.4 | 2699.9 | 2682.2 | 2706.4 |
| 22.5° | 2605.2 | 2607.4 | 2609.6 | 2620.6 | 2618.4 | 2651.4 | 2636.0 | 2651.4 |
| 25° | 2528.2 | 2534.8 | 2532.6 | 2541.4 | 2541.4 | 2567.8 | 2550.2 | 2563.4 |
| 27.5° | 2418.2 | 2424.8 | 2424.8 | 2435.8 | 2426.9 | 2453.4 | 2435.8 | 2455.6 |
| 30° | 2284.0 | 2290.6 | 2286.2 | 2295.0 | 2286.2 | 2312.6 | 2299.3 | 2306.0 |
| 32.5° | 2123.3 | 2123.3 | 2125.5 | 2127.7 | 2123.3 | 2147.5 | 2134.3 | 2147.5 |
| 35° | 1931.9 | 1936.3 | 1938.5 | 1940.7 | 1936.3 | 1953.9 | 1938.5 | 1947.3 |
| 37.5° | 1716.3 | 1727.3 | 1725.1 | 1727.3 | 1720.7 | 1742.7 | 1729.4 | 1733.9 |
| 40° | 1485.2 | 1485.2 | 1483.0 | 1487.5 | 1480.8 | 1498.5 | 1489.6 | 1494.0 |
| 42.5° | 1216.8 | 1223.4 | 1214.6 | 1225.6 | 1208.0 | 1232.2 | 1223.4 | 1216.8 |
| 45° | 913.2 | 904.3 | 902.1 | 904.3 | 897.7 | 900.0 | 906.6 | 902.1 |
| 47.5° | 622.7 | 622.7 | 618.3 | 611.7 | 620.5 | 622.7 | 613.9 | 613.9 |
| 50° | 418.1 | 418.1 | 413.7 | 411.4 | 415.9 | 413.7 | 409.3 | 415.9 |
| 52.5° | 266.2 | 257.4 | 257.4 | 261.8 | 257.4 | 253.1 | 259.7 | 255.2 |
| 55° | 145.2 | 140.8 | 140.8 | 145.2 | 140.8 | 140.8 | 138.6 | 143.0 |
| 57.5° | 70.4 | 72.6 | 70.4 | 70.4 | 70.4 | 70.4 | 68.2 | 70.4 |
| 60° | 30.8 | 30.8 | 30.8 | 30.8 | 30.8 | 30.8 | 30.8 | 30.8 |
| 62.5° | 13.2 | 13.2 | 11.0 | 11.0 | 11.0 | 11.0 | 11.0 | 11.0 |
| 65° | 8.8 | 8.8 | 8.8 | 8.8 | 8.8 | 8.8 | 8.8 | 8.8 |
| 67.5° | 6.6 | 6.6 | 6.6 | 6.6 | 6.6 | 8.8 | 6.6 | 6.6 |
| 70° | 6.6 | 6.6 | 6.6 | 6.6 | 6.6 | 6.6 | 6.6 | 6.6 |
| 72.5° | 6.6 | 6.6 | 8.8 | 8.8 | 8.8 | 8.8 | 8.8 | 8.8 |
| 75° | 4.4 | 4.4 | 4.4 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 |
| 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 |



Report Generated By 670246072 / DESKTOP-50001EG





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













(END OF REPORT)