

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: PORTFOLIO

Report Number: P252274

Luminaire Tested: **LE_6B30D010 EC6B30508040 6LBSW1H**

Issue Date: 3/3/2020

Test Information

Test Method: LM-41-14
Report Number: P252274
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-1712-453-7)
Test Lab: INNOVATION CENTER(G1)
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LE_6B30D010 EC6B30508040 6LBSW1H
Description: PORTFOLIO 6 INCH SINGLE WALLWASH RECESSED DOWNLIGHT, WITH HAZE TRIM
Light Source: (1) HIGH LUMEN LED 80CRI / 4000K CCT
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3536.3 lumens
Efficiency: N/A
Efficacy: 126.3 lumens/watt
Spacing Criteria (0/90/45): 1.17 / 1.18 / 1.16
Luminous Opening: Circular (Dia: 0.46' x H: 0')
CIE Type: Direct

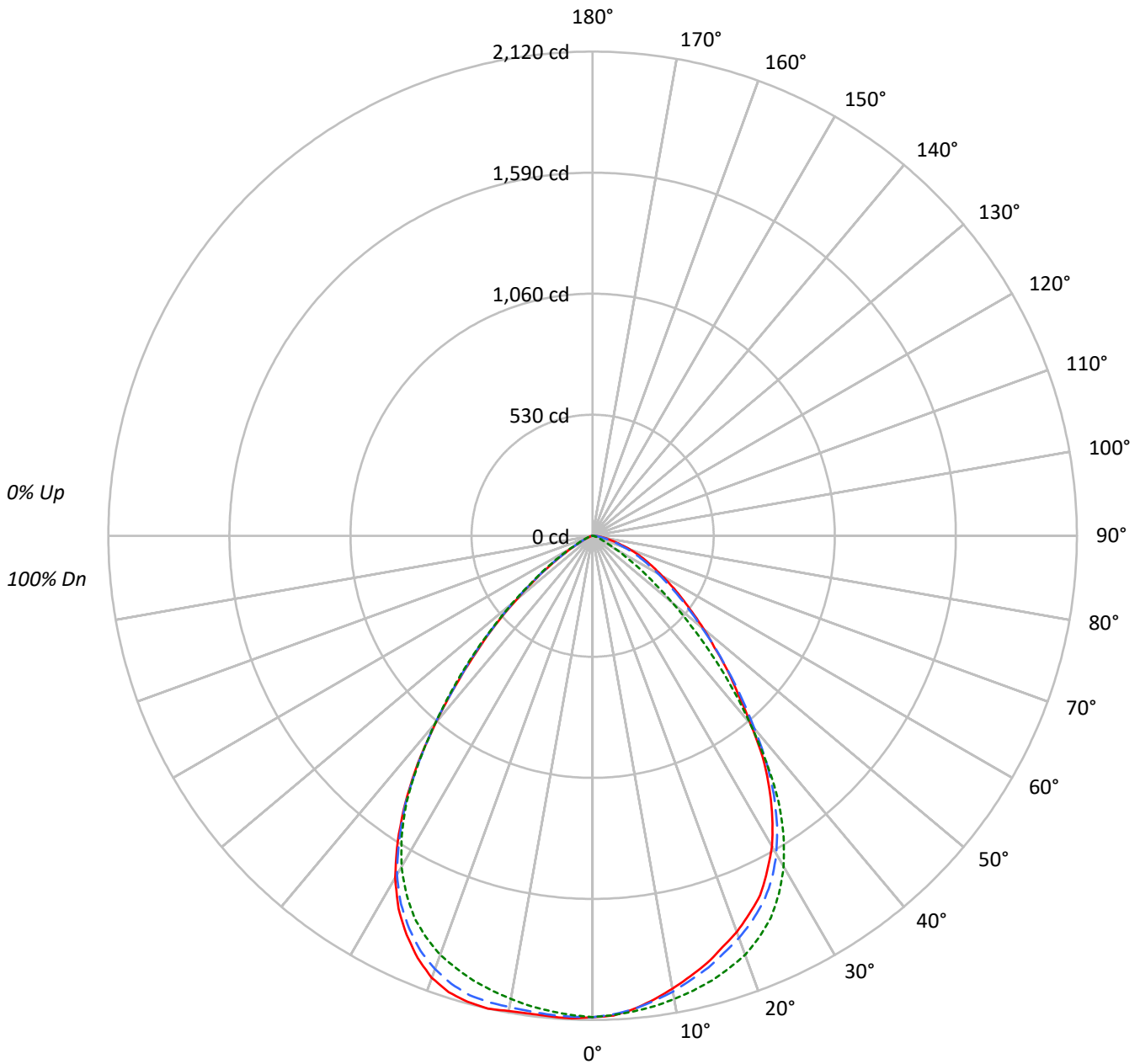
Input Watts (W): 28
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P252274

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Luminous Intensity Polar Plot





TEST NUMBER: P252274

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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 | 112 | 108 | 105 | 102 | 109 | 106 | 103 | 101 | 102 | 100 | 98 | 98 | 96 | 95 | 95 | 93 | 92 | 90 | | | | | | | | | | | | | | | | | | | |
| 2 | 104 | 98 | 93 | 89 | 102 | 96 | 92 | 88 | 93 | 89 | 86 | 90 | 87 | 84 | 87 | 85 | 82 | 80 | | | | | | | | | | | | | | | | | | | |
| 3 | 97 | 89 | 83 | 78 | 95 | 88 | 82 | 77 | 85 | 80 | 76 | 82 | 78 | 75 | 80 | 77 | 74 | 72 | | | | | | | | | | | | | | | | | | | |
| 4 | 91 | 81 | 74 | 69 | 89 | 80 | 74 | 69 | 78 | 72 | 68 | 76 | 71 | 67 | 74 | 69 | 66 | 64 | | | | | | | | | | | | | | | | | | | |
| 5 | 85 | 74 | 67 | 62 | 83 | 73 | 66 | 61 | 71 | 65 | 61 | 70 | 64 | 60 | 68 | 63 | 60 | 58 | | | | | | | | | | | | | | | | | | | |
| 6 | 79 | 68 | 61 | 55 | 78 | 67 | 60 | 55 | 66 | 59 | 55 | 64 | 59 | 54 | 63 | 58 | 54 | 52 | | | | | | | | | | | | | | | | | | | |
| 7 | 74 | 63 | 55 | 50 | 73 | 62 | 55 | 50 | 61 | 54 | 50 | 59 | 54 | 49 | 58 | 53 | 49 | 47 | | | | | | | | | | | | | | | | | | | |
| 8 | 70 | 58 | 51 | 46 | 68 | 57 | 50 | 46 | 56 | 50 | 45 | 55 | 49 | 45 | 54 | 49 | 45 | 43 | | | | | | | | | | | | | | | | | | | |
| 9 | 65 | 54 | 47 | 42 | 64 | 53 | 46 | 42 | 52 | 46 | 42 | 51 | 46 | 41 | 50 | 45 | 41 | 40 | | | | | | | | | | | | | | | | | | | |
| 10 | 62 | 50 | 43 | 39 | 61 | 50 | 43 | 38 | 49 | 43 | 38 | 48 | 42 | 38 | 47 | 42 | 38 | 37 | | | | | | | | | | | | | | | | | | | |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° |
|-----|--------|--------|--------|
| 0° | 137521 | 137521 | 137521 |
| 5° | 136212 | 136874 | 138373 |
| 10° | 133395 | 136436 | 139973 |
| 15° | 130842 | 136172 | 142710 |
| 20° | 128136 | 135557 | 142986 |
| 25° | 124973 | 132856 | 138722 |
| 30° | 118319 | 125995 | 130214 |
| 35° | 107456 | 112935 | 113939 |
| 40° | 91715 | 91280 | 90838 |
| 45° | 77041 | 68349 | 66236 |
| 50° | 64339 | 46242 | 43928 |
| 55° | 54142 | 28379 | 25774 |
| 60° | 45825 | 14940 | 12944 |
| 65° | 39689 | 7858 | 6298 |
| 70° | 33019 | 4864 | 3414 |
| 75° | 24400 | 3227 | 1916 |
| 80° | 19123 | 1916 | 939 |
| 85° | 15270 | 1871 | 0 |



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 198.6 | 5.6 |
| 10°-20° | 568.8 | 16.1 |
| 20°-30° | 839.9 | 23.8 |
| 30°-40° | 865.6 | 24.5 |
| 40°-50° | 597.9 | 16.9 |
| 50°-60° | 294.7 | 8.3 |
| 60°-70° | 119.4 | 3.4 |
| 70°-80° | 42.6 | 1.2 |
| 80°-90° | 8.8 | 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° | 1607.4 | 45.5 |
| 0°-40° | 2472.9 | 69.9 |
| 0°-60° | 3365.5 | 95.2 |
| 0°-90° | 3536.3 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 3536.3 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 45° | 90° | 135° | 180° | Flux |
|-----|------|------|------|------|------|------|
| 0° | 2108 | 2108 | 2108 | 2108 | 2108 | |
| 5° | 2080 | 2080 | 2090 | 2105 | 2113 | 196 |
| 15° | 1937 | 1958 | 2016 | 2082 | 2113 | 545 |
| 25° | 1736 | 1769 | 1846 | 1899 | 1927 | 794 |
| 35° | 1349 | 1382 | 1418 | 1426 | 1431 | 836 |
| 45° | 835 | 840 | 741 | 731 | 718 | 645 |
| 55° | 476 | 458 | 250 | 234 | 227 | 430 |
| 65° | 257 | 232 | 51 | 41 | 41 | 255 |
| 75° | 97 | 82 | 13 | 8 | 8 | 109 |
| 85° | 20 | 15 | 2 | 0 | 0 | 25 |
| 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° | 2107.9 | 2107.9 | 2107.9 | 2107.9 | 2107.9 | 2107.9 | 2107.9 | 2107.9 | 2107.9 | 2107.9 | 2107.9 |
| 2.5° | 2102.8 | 2095.1 | 2100.1 | 2090.0 | 2102.8 | 2090.0 | 2092.5 | 2095.1 | 2092.5 | 2095.1 | 2097.6 |
| 5° | 2079.9 | 2072.1 | 2079.9 | 2067.1 | 2079.9 | 2072.1 | 2072.1 | 2074.8 | 2074.8 | 2077.2 | 2079.9 |
| 7.5° | 2049.2 | 2041.6 | 2049.2 | 2036.5 | 2051.9 | 2044.1 | 2044.1 | 2049.2 | 2046.8 | 2049.2 | 2054.4 |
| 10° | 2013.6 | 2003.5 | 2011.1 | 2003.5 | 2018.8 | 2008.5 | 2013.6 | 2013.6 | 2013.6 | 2021.2 | 2026.4 |
| 12.5° | 1975.5 | 1965.2 | 1975.5 | 1962.8 | 1978.0 | 1970.4 | 1972.9 | 1980.5 | 1983.1 | 1988.1 | 1990.8 |
| 15° | 1937.2 | 1924.5 | 1929.6 | 1922.0 | 1937.2 | 1929.6 | 1932.1 | 1942.4 | 1942.4 | 1950.0 | 1957.6 |
| 17.5° | 1888.9 | 1878.8 | 1888.9 | 1878.8 | 1891.5 | 1886.4 | 1891.5 | 1899.1 | 1899.1 | 1906.8 | 1914.4 |
| 20° | 1845.6 | 1835.4 | 1843.1 | 1835.4 | 1850.8 | 1843.1 | 1845.6 | 1855.8 | 1858.4 | 1866.0 | 1873.6 |
| 22.5° | 1792.1 | 1784.5 | 1789.6 | 1782.0 | 1797.2 | 1792.1 | 1794.8 | 1804.9 | 1807.4 | 1812.5 | 1825.2 |
| 25° | 1736.1 | 1720.9 | 1728.5 | 1723.4 | 1738.8 | 1731.0 | 1736.1 | 1746.4 | 1751.4 | 1759.1 | 1769.2 |
| 27.5° | 1654.8 | 1647.0 | 1652.1 | 1652.1 | 1664.9 | 1657.2 | 1659.8 | 1670.0 | 1677.6 | 1685.2 | 1698.0 |
| 30° | 1570.6 | 1558.0 | 1563.0 | 1565.6 | 1575.8 | 1570.6 | 1575.8 | 1586.0 | 1588.5 | 1598.6 | 1608.9 |
| 32.5° | 1463.8 | 1458.6 | 1468.9 | 1463.8 | 1468.9 | 1468.9 | 1471.4 | 1479.0 | 1484.1 | 1489.2 | 1502.0 |
| 35° | 1349.2 | 1339.0 | 1349.2 | 1344.1 | 1356.9 | 1349.2 | 1356.9 | 1364.5 | 1364.5 | 1374.6 | 1382.2 |
| 37.5° | 1224.5 | 1211.8 | 1216.9 | 1216.9 | 1221.9 | 1219.4 | 1219.4 | 1232.1 | 1234.6 | 1242.2 | 1249.9 |
| 40° | 1076.9 | 1071.8 | 1081.9 | 1079.4 | 1081.9 | 1081.9 | 1084.5 | 1092.1 | 1097.2 | 1099.8 | 1102.2 |
| 42.5° | 944.5 | 947.0 | 949.5 | 949.5 | 949.5 | 949.5 | 949.5 | 959.8 | 957.1 | 964.9 | 967.4 |
| 45° | 835.0 | 824.8 | 829.9 | 827.4 | 835.0 | 827.4 | 835.0 | 842.6 | 837.5 | 845.1 | 840.1 |
| 47.5° | 723.0 | 723.0 | 723.0 | 720.4 | 725.5 | 723.0 | 728.1 | 730.6 | 730.6 | 730.6 | 728.1 |
| 50° | 633.9 | 626.2 | 628.8 | 628.8 | 631.4 | 628.8 | 633.9 | 636.4 | 636.4 | 631.4 | 621.1 |
| 52.5° | 547.4 | 544.8 | 544.8 | 549.9 | 549.9 | 547.4 | 547.4 | 547.4 | 547.4 | 539.6 | 534.6 |
| 55° | 476.0 | 471.0 | 473.5 | 473.5 | 473.5 | 473.5 | 476.0 | 473.5 | 473.5 | 465.9 | 458.2 |
| 57.5° | 412.4 | 407.2 | 407.2 | 407.2 | 409.9 | 407.2 | 407.2 | 407.2 | 404.8 | 397.1 | 387.0 |
| 60° | 351.2 | 348.8 | 351.2 | 351.2 | 353.9 | 351.2 | 351.2 | 351.2 | 346.2 | 338.6 | 328.4 |
| 62.5° | 300.4 | 300.4 | 300.4 | 302.9 | 302.9 | 300.4 | 300.4 | 297.9 | 295.2 | 285.1 | 274.9 |
| 65° | 257.1 | 254.6 | 257.1 | 257.1 | 259.6 | 259.6 | 257.1 | 254.6 | 252.0 | 241.9 | 231.6 |
| 67.5° | 213.9 | 211.2 | 213.9 | 213.9 | 216.4 | 213.9 | 213.9 | 213.9 | 206.2 | 201.1 | 190.9 |
| 70° | 173.1 | 170.5 | 170.5 | 170.5 | 173.1 | 168.0 | 170.5 | 170.5 | 165.5 | 157.9 | 147.6 |
| 72.5° | 132.4 | 132.4 | 132.4 | 132.4 | 132.4 | 132.4 | 129.9 | 129.9 | 124.8 | 117.1 | 112.0 |
| 75° | 96.8 | 96.8 | 99.2 | 99.2 | 96.8 | 96.8 | 96.8 | 94.2 | 91.6 | 86.5 | 81.5 |
| 77.5° | 71.2 | 71.2 | 71.2 | 71.2 | 68.8 | 68.8 | 68.8 | 66.2 | 63.6 | 61.1 | 56.0 |
| 80° | 50.9 | 50.9 | 50.9 | 48.4 | 50.9 | 48.4 | 48.4 | 48.4 | 43.2 | 40.8 | 38.1 |
| 82.5° | 35.6 | 33.1 | 33.1 | 33.1 | 33.1 | 33.1 | 33.1 | 30.5 | 30.5 | 28.0 | 25.5 |
| 85° | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 17.9 | 15.2 | 15.2 |
| 87.5° | 10.1 | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 | 10.1 | 10.1 | 10.1 | 7.6 |
| 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° | 2107.9 | 2107.9 | 2107.9 | 2107.9 | 2107.9 | 2107.9 | 2107.9 | 2107.9 | 2107.9 | 2107.9 | 2107.9 |
| 2.5° | 2097.6 | 2097.6 | 2102.8 | 2095.1 | 2107.9 | 2100.1 | 2097.6 | 2110.4 | 2102.8 | 2100.1 | 2105.2 |
| 5° | 2079.9 | 2082.4 | 2084.9 | 2079.9 | 2092.5 | 2084.9 | 2084.9 | 2097.6 | 2092.5 | 2090.0 | 2097.6 |
| 7.5° | 2056.9 | 2059.5 | 2064.5 | 2062.0 | 2072.1 | 2067.1 | 2069.6 | 2082.4 | 2077.2 | 2077.2 | 2084.9 |
| 10° | 2028.9 | 2034.0 | 2039.1 | 2039.1 | 2051.9 | 2046.8 | 2046.8 | 2062.0 | 2056.9 | 2059.5 | 2069.6 |
| 12.5° | 1995.9 | 2003.5 | 2011.1 | 2013.6 | 2026.4 | 2018.8 | 2021.2 | 2039.1 | 2036.5 | 2039.1 | 2049.2 |
| 15° | 1960.1 | 1970.4 | 1978.0 | 1978.0 | 1993.2 | 1985.6 | 1993.2 | 2011.1 | 2006.0 | 2016.1 | 2028.9 |
| 17.5° | 1919.5 | 1929.6 | 1939.8 | 1942.4 | 1957.6 | 1952.5 | 1962.8 | 1980.5 | 1980.5 | 1985.6 | 2000.9 |
| 20° | 1881.2 | 1894.0 | 1899.1 | 1906.8 | 1922.0 | 1919.5 | 1924.5 | 1944.9 | 1944.9 | 1952.5 | 1967.8 |
| 22.5° | 1830.4 | 1843.1 | 1853.2 | 1860.9 | 1873.6 | 1873.6 | 1881.2 | 1899.1 | 1899.1 | 1904.1 | 1919.5 |
| 25° | 1774.4 | 1789.6 | 1797.2 | 1804.9 | 1817.6 | 1815.1 | 1822.8 | 1838.0 | 1840.5 | 1845.6 | 1860.9 |
| 27.5° | 1703.0 | 1715.8 | 1726.0 | 1731.0 | 1748.9 | 1738.8 | 1746.4 | 1764.1 | 1761.6 | 1766.8 | 1779.4 |
| 30° | 1614.0 | 1626.8 | 1636.9 | 1636.9 | 1652.1 | 1652.1 | 1659.8 | 1667.4 | 1667.4 | 1672.5 | 1682.8 |
| 32.5° | 1509.6 | 1524.9 | 1524.9 | 1532.5 | 1542.6 | 1532.5 | 1542.6 | 1552.9 | 1547.8 | 1555.4 | 1563.0 |
| 35° | 1390.0 | 1397.6 | 1400.1 | 1400.1 | 1407.8 | 1405.2 | 1402.6 | 1410.2 | 1405.2 | 1418.0 | 1425.6 |
| 37.5° | 1244.9 | 1255.0 | 1249.9 | 1255.0 | 1252.5 | 1244.9 | 1244.9 | 1257.6 | 1247.4 | 1249.9 | 1257.6 |
| 40° | 1104.9 | 1104.9 | 1102.2 | 1089.5 | 1092.1 | 1084.5 | 1081.9 | 1084.5 | 1074.2 | 1071.8 | 1081.9 |
| 42.5° | 959.8 | 957.1 | 949.5 | 931.8 | 934.2 | 921.5 | 911.4 | 911.4 | 906.2 | 903.8 | 906.2 |
| 45° | 829.9 | 822.2 | 809.5 | 789.1 | 784.1 | 773.9 | 753.5 | 748.4 | 740.8 | 740.8 | 743.4 |
| 47.5° | 710.2 | 700.0 | 679.8 | 656.8 | 644.0 | 631.4 | 611.0 | 603.4 | 590.6 | 585.5 | 590.6 |
| 50° | 611.0 | 593.1 | 567.6 | 534.6 | 521.9 | 506.6 | 486.2 | 473.5 | 460.8 | 455.6 | 453.1 |
| 52.5° | 519.4 | 493.9 | 468.4 | 427.6 | 417.5 | 402.2 | 374.2 | 361.5 | 348.8 | 338.6 | 338.6 |
| 55° | 440.4 | 417.5 | 381.9 | 343.6 | 328.4 | 313.1 | 285.1 | 267.2 | 254.6 | 249.5 | 244.4 |
| 57.5° | 369.1 | 343.6 | 310.6 | 269.9 | 254.6 | 239.2 | 211.2 | 193.5 | 180.8 | 173.1 | 168.0 |
| 60° | 310.6 | 282.6 | 249.5 | 213.9 | 196.0 | 180.8 | 152.8 | 134.9 | 122.2 | 114.5 | 109.5 |
| 62.5° | 254.6 | 231.6 | 198.6 | 165.5 | 150.2 | 134.9 | 112.0 | 94.2 | 81.5 | 76.4 | 68.8 |
| 65° | 213.9 | 190.9 | 160.4 | 132.4 | 119.6 | 104.4 | 84.0 | 68.8 | 58.5 | 50.9 | 45.9 |
| 67.5° | 173.1 | 155.2 | 129.9 | 104.4 | 91.6 | 81.5 | 63.6 | 50.9 | 40.8 | 35.6 | 33.1 |
| 70° | 137.5 | 119.6 | 99.2 | 78.9 | 71.2 | 61.1 | 48.4 | 35.6 | 30.5 | 25.5 | 22.9 |
| 72.5° | 101.9 | 89.1 | 73.9 | 58.5 | 50.9 | 45.9 | 33.1 | 28.0 | 20.4 | 17.9 | 15.2 |
| 75° | 73.9 | 63.6 | 53.5 | 40.8 | 35.6 | 33.1 | 25.5 | 17.9 | 15.2 | 12.8 | 10.1 |
| 77.5° | 50.9 | 45.9 | 35.6 | 28.0 | 25.5 | 22.9 | 17.9 | 12.8 | 10.1 | 7.6 | 7.6 |
| 80° | 33.1 | 28.0 | 22.9 | 17.9 | 17.9 | 15.2 | 10.1 | 7.6 | 7.6 | 5.1 | 5.1 |
| 82.5° | 20.4 | 17.9 | 15.2 | 12.8 | 10.1 | 10.1 | 7.6 | 5.1 | 5.1 | 2.5 | 2.5 |
| 85° | 12.8 | 10.1 | 7.6 | 7.6 | 5.1 | 5.1 | 5.1 | 2.5 | 2.5 | 2.5 | 2.5 |
| 87.5° | 5.1 | 5.1 | 5.1 | 2.5 | 2.5 | 2.5 | 2.5 | 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° | 2107.9 | 2107.9 | 2107.9 | 2107.9 | 2107.9 | 2107.9 | 2107.9 | 2107.9 | 2107.9 | 2107.9 | 2107.9 |
| 2.5° | 2105.2 | 2105.2 | 2110.4 | 2102.8 | 2107.9 | 2107.9 | 2112.9 | 2102.8 | 2107.9 | 2110.4 | 2115.5 |
| 5° | 2095.1 | 2097.6 | 2102.8 | 2100.1 | 2102.8 | 2102.8 | 2107.9 | 2095.1 | 2105.2 | 2105.2 | 2112.9 |
| 7.5° | 2084.9 | 2084.9 | 2090.0 | 2087.5 | 2092.5 | 2095.1 | 2100.1 | 2090.0 | 2100.1 | 2100.1 | 2107.9 |
| 10° | 2072.1 | 2072.1 | 2079.9 | 2077.2 | 2084.9 | 2087.5 | 2095.1 | 2084.9 | 2095.1 | 2097.6 | 2105.2 |
| 12.5° | 2054.4 | 2056.9 | 2064.5 | 2064.5 | 2072.1 | 2077.2 | 2084.9 | 2079.9 | 2092.5 | 2095.1 | 2105.2 |
| 15° | 2034.0 | 2039.1 | 2049.2 | 2046.8 | 2054.4 | 2062.0 | 2072.1 | 2064.5 | 2082.4 | 2087.5 | 2097.6 |
| 17.5° | 2008.5 | 2013.6 | 2021.2 | 2021.2 | 2028.9 | 2034.0 | 2046.8 | 2041.6 | 2056.9 | 2059.5 | 2072.1 |
| 20° | 1970.4 | 1978.0 | 1988.1 | 1985.6 | 1993.2 | 1998.4 | 2008.5 | 2003.5 | 2018.8 | 2023.9 | 2036.5 |
| 22.5° | 1924.5 | 1929.6 | 1937.2 | 1937.2 | 1944.9 | 1950.0 | 1960.1 | 1952.5 | 1967.8 | 1970.4 | 1980.5 |
| 25° | 1863.4 | 1868.5 | 1873.6 | 1876.1 | 1883.8 | 1886.4 | 1891.5 | 1886.4 | 1899.1 | 1901.6 | 1914.4 |
| 27.5° | 1784.5 | 1787.1 | 1794.8 | 1794.8 | 1799.8 | 1802.4 | 1810.0 | 1799.8 | 1817.6 | 1817.6 | 1825.2 |
| 30° | 1690.4 | 1687.8 | 1698.0 | 1692.9 | 1698.0 | 1698.0 | 1705.6 | 1700.5 | 1713.2 | 1708.1 | 1715.8 |
| 32.5° | 1565.6 | 1570.6 | 1570.6 | 1565.6 | 1575.8 | 1573.2 | 1573.2 | 1568.1 | 1575.8 | 1578.4 | 1583.4 |
| 35° | 1420.5 | 1428.1 | 1428.1 | 1430.6 | 1433.2 | 1425.6 | 1428.1 | 1412.9 | 1425.6 | 1428.1 | 1430.6 |
| 37.5° | 1262.6 | 1255.0 | 1260.1 | 1252.5 | 1265.2 | 1249.9 | 1249.9 | 1239.8 | 1249.9 | 1249.9 | 1252.5 |
| 40° | 1081.9 | 1079.4 | 1084.5 | 1079.4 | 1076.9 | 1074.2 | 1069.1 | 1061.5 | 1071.8 | 1066.6 | 1074.2 |
| 42.5° | 911.4 | 908.8 | 908.8 | 903.8 | 901.1 | 901.1 | 896.1 | 891.0 | 888.5 | 888.5 | 901.1 |
| 45° | 735.8 | 740.8 | 735.8 | 733.1 | 738.2 | 733.1 | 735.8 | 725.5 | 730.6 | 725.5 | 730.6 |
| 47.5° | 588.0 | 590.6 | 585.5 | 580.4 | 588.0 | 580.4 | 580.4 | 572.8 | 583.0 | 583.0 | 577.9 |
| 50° | 455.6 | 453.1 | 448.0 | 453.1 | 450.6 | 450.6 | 450.6 | 443.0 | 448.0 | 440.4 | 445.5 |
| 52.5° | 336.0 | 333.5 | 333.5 | 331.0 | 333.5 | 331.0 | 331.0 | 328.4 | 328.4 | 325.9 | 328.4 |
| 55° | 244.4 | 241.9 | 236.8 | 236.8 | 236.8 | 239.2 | 236.8 | 234.2 | 234.2 | 231.6 | 234.2 |
| 57.5° | 165.5 | 160.4 | 160.4 | 160.4 | 160.4 | 157.9 | 157.9 | 155.2 | 157.9 | 155.2 | 157.9 |
| 60° | 106.9 | 106.9 | 101.9 | 101.9 | 101.9 | 101.9 | 101.9 | 99.2 | 101.9 | 101.9 | 101.9 |
| 62.5° | 66.2 | 66.2 | 63.6 | 61.1 | 63.6 | 61.1 | 61.1 | 61.1 | 63.6 | 61.1 | 63.6 |
| 65° | 43.2 | 40.8 | 40.8 | 40.8 | 40.8 | 40.8 | 40.8 | 40.8 | 40.8 | 40.8 | 40.8 |
| 67.5° | 30.5 | 28.0 | 28.0 | 28.0 | 28.0 | 28.0 | 28.0 | 25.5 | 28.0 | 28.0 | 28.0 |
| 70° | 20.4 | 20.4 | 17.9 | 17.9 | 17.9 | 17.9 | 17.9 | 17.9 | 17.9 | 17.9 | 17.9 |
| 72.5° | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 |
| 75° | 10.1 | 7.6 | 7.6 | 7.6 | 7.6 | 7.6 | 7.6 | 7.6 | 7.6 | 7.6 | 7.6 |
| 77.5° | 7.6 | 5.1 | 5.1 | 5.1 | 5.1 | 5.1 | 5.1 | 5.1 | 5.1 | 5.1 | 5.1 |
| 80° | 5.1 | 5.1 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 |
| 82.5° | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 |
| 85° | 2.5 | 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 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 |
| 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: P252274

CATALOG NUMBER: LE_6B30D010 EC6B30508040 6LBSW1H

CANDELA DISTRIBUTION (continued):

| | 150° | 155° | 157.5° | 160° | 165° | 170° | 175° | 180° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2107.9 | 2107.9 | 2107.9 | 2107.9 | 2107.9 | 2107.9 | 2107.9 | 2107.9 |
| 2.5° | 2107.9 | 2110.4 | 2105.2 | 2107.9 | 2102.8 | 2107.9 | 2110.4 | 2115.5 |
| 5° | 2102.8 | 2105.2 | 2100.1 | 2105.2 | 2100.1 | 2105.2 | 2107.9 | 2112.9 |
| 7.5° | 2097.6 | 2102.8 | 2097.6 | 2102.8 | 2097.6 | 2102.8 | 2105.2 | 2110.4 |
| 10° | 2097.6 | 2105.2 | 2100.1 | 2107.9 | 2100.1 | 2105.2 | 2110.4 | 2112.9 |
| 12.5° | 2097.6 | 2105.2 | 2102.8 | 2107.9 | 2105.2 | 2110.4 | 2115.5 | 2120.5 |
| 15° | 2092.5 | 2100.1 | 2095.1 | 2102.8 | 2100.1 | 2102.8 | 2112.9 | 2112.9 |
| 17.5° | 2064.5 | 2072.1 | 2072.1 | 2077.2 | 2077.2 | 2084.9 | 2090.0 | 2095.1 |
| 20° | 2028.9 | 2036.5 | 2034.0 | 2041.6 | 2041.6 | 2049.2 | 2054.4 | 2059.5 |
| 22.5° | 1975.5 | 1985.6 | 1983.1 | 1990.8 | 1988.1 | 1993.2 | 2003.5 | 2000.9 |
| 25° | 1906.8 | 1919.5 | 1916.9 | 1922.0 | 1919.5 | 1919.5 | 1924.5 | 1927.1 |
| 27.5° | 1822.8 | 1830.4 | 1827.8 | 1832.9 | 1827.8 | 1832.9 | 1838.0 | 1840.5 |
| 30° | 1713.2 | 1718.4 | 1715.8 | 1718.4 | 1715.8 | 1720.9 | 1723.4 | 1728.5 |
| 32.5° | 1580.9 | 1588.5 | 1580.9 | 1586.0 | 1583.4 | 1583.4 | 1593.6 | 1588.5 |
| 35° | 1423.0 | 1425.6 | 1428.1 | 1428.1 | 1423.0 | 1425.6 | 1430.6 | 1430.6 |
| 37.5° | 1247.4 | 1260.1 | 1244.9 | 1252.5 | 1249.9 | 1249.9 | 1249.9 | 1257.6 |
| 40° | 1064.1 | 1066.6 | 1061.5 | 1061.5 | 1061.5 | 1059.0 | 1069.1 | 1066.6 |
| 42.5° | 891.0 | 893.5 | 891.0 | 883.4 | 885.9 | 885.9 | 893.5 | 883.4 |
| 45° | 723.0 | 728.1 | 725.5 | 725.5 | 720.4 | 720.4 | 723.0 | 717.9 |
| 47.5° | 572.8 | 577.9 | 570.2 | 572.8 | 567.6 | 572.8 | 570.2 | 575.4 |
| 50° | 435.2 | 440.4 | 437.9 | 440.4 | 440.4 | 435.2 | 443.0 | 432.8 |
| 52.5° | 325.9 | 328.4 | 325.9 | 323.2 | 320.8 | 320.8 | 325.9 | 323.2 |
| 55° | 231.6 | 229.1 | 229.1 | 229.1 | 231.6 | 231.6 | 229.1 | 226.6 |
| 57.5° | 155.2 | 155.2 | 152.8 | 152.8 | 155.2 | 150.2 | 152.8 | 150.2 |
| 60° | 99.2 | 99.2 | 99.2 | 99.2 | 96.8 | 99.2 | 99.2 | 99.2 |
| 62.5° | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 |
| 65° | 40.8 | 40.8 | 40.8 | 40.8 | 40.8 | 40.8 | 40.8 | 40.8 |
| 67.5° | 25.5 | 28.0 | 28.0 | 28.0 | 25.5 | 25.5 | 25.5 | 25.5 |
| 70° | 17.9 | 17.9 | 17.9 | 17.9 | 17.9 | 17.9 | 17.9 | 17.9 |
| 72.5° | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 |
| 75° | 7.6 | 7.6 | 7.6 | 7.6 | 7.6 | 7.6 | 7.6 | 7.6 |
| 77.5° | 5.1 | 5.1 | 5.1 | 5.1 | 5.1 | 5.1 | 5.1 | 5.1 |
| 80° | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 |
| 82.5° | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 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)