

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: P245945

Luminaire Tested: **LSR8B50D010 EC8B50950 8LBSW0B**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P245945
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P13958)
Test Lab: INNOVATION CENTER-P1
Issue Date: 03/03/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LSR8B50D010 EC8B50950 8LBSW0B
Description: PORTFOLIO 8 INCH SINGLE WALL WASH DISTRIBUTION 60 DEGREE CUTOFF
RECESSED DOWNLIGHT- CYLINDEC
90 CRI 5000 CCT WITH SPECULAR BLACK TRIM
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3879.0 lumens
Efficiency: N/A
Efficacy: 73.2 lumens/watt
Spacing Criteria (0/90/45): 1.2 / 1.23 / 1.15
Luminous Opening: Circular (Dia: 0.67' x H: 0')
CIE Type: Direct

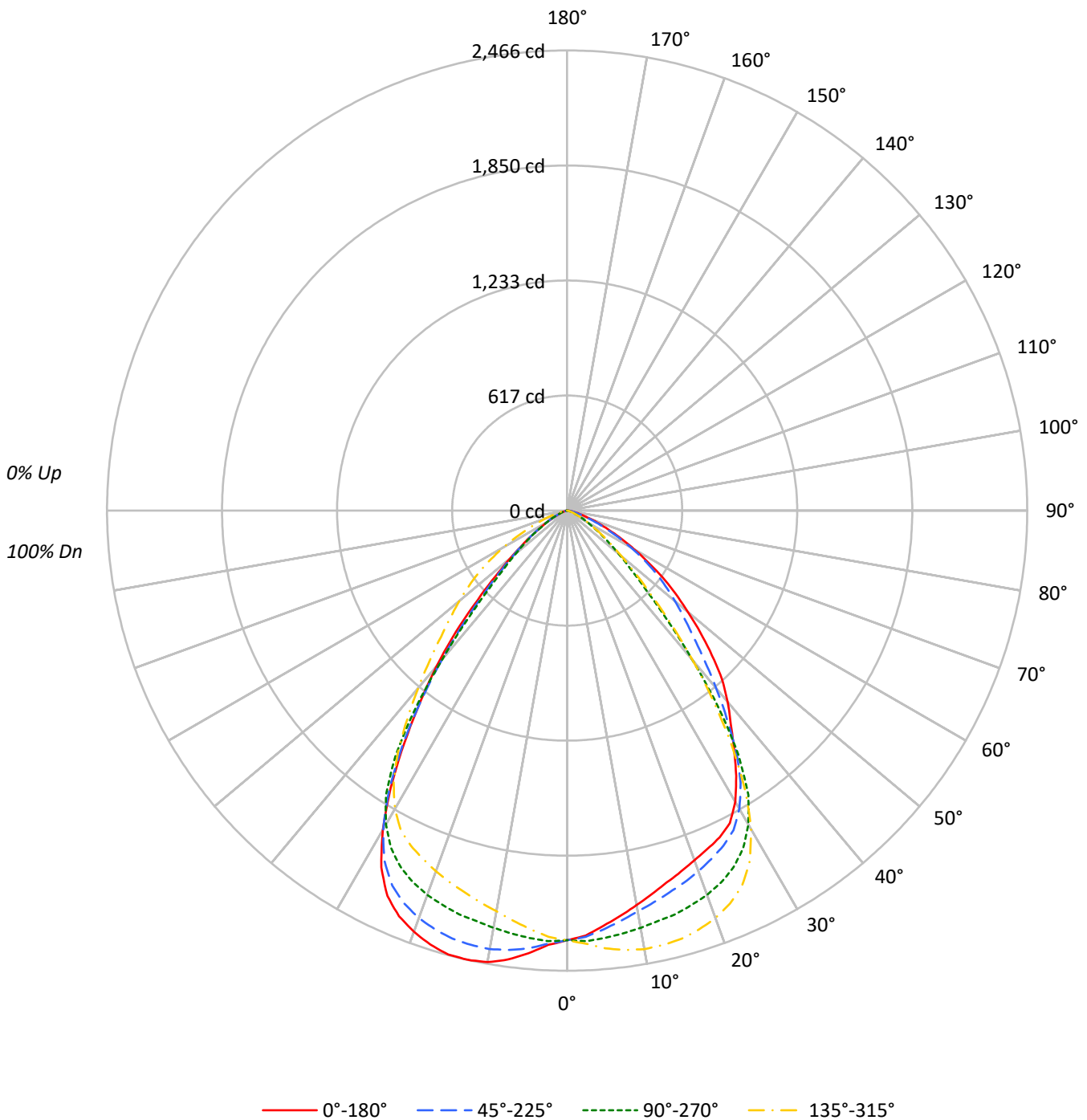
Input Watts (W): 53
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P245945

CATALOG NUMBER: LSR8B50D010 EC8B50950 8LBSW0B

Luminous Intensity Polar Plot





TEST NUMBER: P245945

CATALOG NUMBER: LSR8B50D010 EC8B50950 8LBSW0B

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 | 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 | 109 | 106 | 103 | 109 | 106 | 104 | 101 | 102 | 100 | 98 | 99 | 97 | 95 | 95 | 94 | 92 | 90 | | | | | 90 | | | |
| 2 | 105 | 99 | 94 | 89 | 102 | 97 | 92 | 88 | 93 | 90 | 86 | 90 | 87 | 84 | 87 | 85 | 83 | 81 | | | | | 81 | | | |
| 3 | 98 | 90 | 83 | 78 | 95 | 88 | 82 | 78 | 85 | 80 | 76 | 83 | 79 | 75 | 80 | 77 | 74 | 72 | | | | | 72 | | | |
| 4 | 91 | 82 | 75 | 70 | 89 | 80 | 74 | 69 | 78 | 73 | 68 | 76 | 71 | 67 | 74 | 70 | 67 | 65 | | | | | 65 | | | |
| 5 | 85 | 75 | 68 | 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 | 65 | 59 | 55 | 63 | 58 | 55 | 53 | | | | | 53 | | | |
| 7 | 75 | 63 | 56 | 51 | 73 | 63 | 56 | 51 | 61 | 55 | 50 | 60 | 54 | 50 | 59 | 54 | 50 | 48 | | | | | 48 | | | |
| 8 | 70 | 59 | 51 | 46 | 69 | 58 | 51 | 46 | 57 | 50 | 46 | 56 | 50 | 46 | 55 | 49 | 46 | 44 | | | | | 44 | | | |
| 9 | 66 | 54 | 47 | 42 | 65 | 54 | 47 | 42 | 53 | 47 | 42 | 52 | 46 | 42 | 51 | 46 | 42 | 40 | | | | | 40 | | | |
| 10 | 62 | 51 | 44 | 39 | 61 | 50 | 44 | 39 | 49 | 43 | 39 | 48 | 43 | 39 | 48 | 42 | 39 | 37 | | | | | 37 | | | |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 71010 | 71010 | 71010 | 71010 |
| 5° | 69124 | 71179 | 73720 | 71179 |
| 10° | 67211 | 71085 | 76930 | 71085 |
| 15° | 65869 | 71507 | 78613 | 71507 |
| 20° | 65421 | 71915 | 78816 | 71915 |
| 25° | 65765 | 71770 | 77548 | 71770 |
| 30° | 64138 | 69145 | 70387 | 69145 |
| 35° | 58668 | 60317 | 57227 | 60317 |
| 40° | 53864 | 41957 | 43816 | 41957 |
| 45° | 47861 | 25599 | 29619 | 25599 |
| 50° | 40508 | 17098 | 18988 | 17098 |
| 55° | 33553 | 11666 | 12333 | 11666 |
| 60° | 25588 | 7765 | 7832 | 7765 |
| 65° | 18132 | 4838 | 4429 | 4838 |
| 70° | 13073 | 3246 | 2939 | 3246 |
| 75° | 8304 | 1608 | 1334 | 1608 |
| 80° | 5789 | 1208 | 994 | 1208 |
| 85° | 5166 | 0 | 389 | 0 |



TEST NUMBER: P245945

CATALOG NUMBER: LSR8B50D010 EC8B50950 8LBSW0B

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 219.2 | 5.7 |
| 10°-20° | 634.7 | 16.4 |
| 20°-30° | 961.1 | 24.8 |
| 30°-40° | 963.3 | 24.8 |
| 40°-50° | 604.9 | 15.6 |
| 50°-60° | 322.3 | 8.3 |
| 60°-70° | 132.6 | 3.4 |
| 70°-80° | 35.0 | 0.9 |
| 80°-90° | 5.9 | 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° | 1815.0 | 46.8 |
| 0°-40° | 2778.3 | 71.6 |
| 0°-60° | 3705.5 | 95.5 |
| 0°-90° | 3879.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 3879.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0° | 2303 | 2303 | 2303 | 2303 | 2303 | |
| 5° | 2233 | 2300 | 2382 | 2300 | 2233 | 211 |
| 15° | 2063 | 2240 | 2462 | 2240 | 2063 | 584 |
| 25° | 1933 | 2109 | 2279 | 2109 | 1933 | 887 |
| 35° | 1558 | 1602 | 1520 | 1602 | 1558 | 976 |
| 45° | 1098 | 587 | 679 | 587 | 1098 | 844 |
| 55° | 624 | 217 | 229 | 217 | 624 | 556 |
| 65° | 248 | 66 | 61 | 66 | 248 | 258 |
| 75° | 70 | 14 | 11 | 14 | 70 | 79 |
| 85° | 15 | 0 | 1 | 0 | 15 | 16 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P245945

CATALOG NUMBER: LSR8B50D010 EC8B50950 8LBSW0B

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2302.8 | 2302.8 | 2302.8 | 2302.8 | 2302.8 | 2302.8 | 2302.8 | 2302.8 | 2302.8 | 2302.8 | 2302.8 |
| 2.5° | 2279.2 | 2277.0 | 2275.9 | 2278.1 | 2279.2 | 2283.7 | 2282.6 | 2284.8 | 2284.8 | 2286.0 | 2288.2 |
| 5° | 2233.1 | 2232.0 | 2233.1 | 2233.1 | 2237.6 | 2242.1 | 2241.0 | 2244.4 | 2246.6 | 2252.3 | 2254.5 |
| 7.5° | 2190.4 | 2190.4 | 2189.3 | 2193.8 | 2196.0 | 2202.8 | 2201.6 | 2207.3 | 2210.6 | 2216.2 | 2224.1 |
| 10° | 2146.5 | 2146.5 | 2147.7 | 2151.0 | 2152.2 | 2162.3 | 2162.3 | 2170.1 | 2174.6 | 2180.3 | 2190.4 |
| 12.5° | 2103.8 | 2103.8 | 2110.6 | 2108.3 | 2112.8 | 2120.7 | 2124.0 | 2131.9 | 2138.7 | 2149.9 | 2160.1 |
| 15° | 2063.3 | 2063.3 | 2065.6 | 2071.2 | 2074.6 | 2084.7 | 2090.3 | 2099.3 | 2107.2 | 2118.4 | 2133.1 |
| 17.5° | 2028.5 | 2027.4 | 2028.5 | 2035.2 | 2042.0 | 2051.0 | 2055.5 | 2066.7 | 2074.6 | 2089.2 | 2102.7 |
| 20° | 1993.6 | 1995.9 | 1995.9 | 2001.5 | 2006.0 | 2017.2 | 2021.7 | 2034.1 | 2043.1 | 2056.6 | 2072.4 |
| 22.5° | 1963.3 | 1962.2 | 1962.2 | 1970.0 | 1973.4 | 1983.5 | 1988.0 | 1999.2 | 2009.4 | 2020.6 | 2035.2 |
| 25° | 1932.9 | 1930.6 | 1935.2 | 1936.3 | 1938.5 | 1949.7 | 1953.1 | 1961.0 | 1971.1 | 1981.3 | 1995.9 |
| 27.5° | 1887.9 | 1885.7 | 1886.8 | 1891.3 | 1894.7 | 1903.7 | 1905.9 | 1913.8 | 1921.7 | 1930.6 | 1943.0 |
| 30° | 1801.3 | 1799.1 | 1798.0 | 1805.9 | 1809.2 | 1815.9 | 1819.3 | 1832.8 | 1835.1 | 1845.2 | 1854.2 |
| 32.5° | 1686.6 | 1685.5 | 1687.8 | 1694.5 | 1697.9 | 1706.9 | 1711.4 | 1719.3 | 1724.9 | 1730.5 | 1739.5 |
| 35° | 1558.5 | 1556.2 | 1558.5 | 1565.2 | 1565.2 | 1573.1 | 1576.5 | 1579.8 | 1578.7 | 1579.8 | 1577.6 |
| 37.5° | 1439.3 | 1438.1 | 1439.3 | 1442.6 | 1439.3 | 1442.6 | 1439.3 | 1432.5 | 1420.2 | 1406.7 | 1393.2 |
| 40° | 1338.1 | 1339.2 | 1332.5 | 1337.0 | 1324.6 | 1322.3 | 1310.0 | 1293.1 | 1268.4 | 1241.4 | 1203.2 |
| 42.5° | 1230.1 | 1226.8 | 1222.3 | 1224.5 | 1214.4 | 1206.5 | 1186.3 | 1164.9 | 1133.4 | 1088.5 | 1042.3 |
| 45° | 1097.5 | 1096.3 | 1094.1 | 1093.0 | 1086.2 | 1078.3 | 1061.4 | 1036.7 | 1001.9 | 955.8 | 900.7 |
| 47.5° | 968.1 | 964.8 | 964.8 | 965.9 | 958.0 | 956.9 | 943.4 | 922.0 | 891.7 | 846.7 | 789.4 |
| 50° | 844.4 | 843.3 | 845.6 | 850.1 | 844.4 | 842.2 | 833.2 | 818.6 | 791.6 | 753.4 | 699.4 |
| 52.5° | 733.1 | 732.0 | 734.3 | 739.9 | 737.6 | 739.9 | 730.9 | 719.6 | 701.6 | 664.5 | 617.3 |
| 55° | 624.1 | 624.1 | 624.1 | 630.8 | 630.8 | 630.8 | 626.3 | 619.6 | 602.7 | 575.7 | 531.9 |
| 57.5° | 510.5 | 511.6 | 518.4 | 519.5 | 518.4 | 520.6 | 519.5 | 512.7 | 501.5 | 482.4 | 448.7 |
| 60° | 414.9 | 414.9 | 418.3 | 421.7 | 420.5 | 421.7 | 421.7 | 418.3 | 407.1 | 391.3 | 364.3 |
| 62.5° | 328.3 | 331.7 | 329.4 | 331.7 | 336.2 | 331.7 | 329.4 | 327.2 | 319.4 | 309.2 | 286.7 |
| 65° | 248.5 | 250.8 | 250.8 | 251.9 | 249.6 | 250.8 | 246.3 | 242.9 | 238.4 | 227.2 | 212.5 |
| 67.5° | 188.9 | 188.9 | 188.9 | 188.9 | 187.8 | 186.7 | 185.5 | 182.2 | 174.3 | 169.8 | 154.0 |
| 70° | 145.0 | 138.3 | 138.3 | 138.3 | 138.3 | 139.4 | 136.1 | 131.6 | 129.3 | 121.4 | 110.2 |
| 72.5° | 96.7 | 99.0 | 96.7 | 96.7 | 94.5 | 95.6 | 91.1 | 88.8 | 86.6 | 82.1 | 75.3 |
| 75° | 69.7 | 64.1 | 66.3 | 67.5 | 64.1 | 66.3 | 61.8 | 57.3 | 57.3 | 54.0 | 50.6 |
| 77.5° | 45.0 | 43.9 | 45.0 | 46.1 | 45.0 | 43.9 | 41.6 | 39.3 | 39.3 | 38.2 | 34.9 |
| 80° | 32.6 | 31.5 | 31.5 | 31.5 | 30.4 | 31.5 | 29.3 | 29.3 | 27.0 | 25.9 | 23.6 |
| 82.5° | 21.4 | 21.4 | 20.2 | 21.4 | 20.2 | 21.4 | 18.0 | 18.0 | 18.0 | 16.8 | 14.6 |
| 85° | 14.6 | 12.4 | 12.4 | 13.5 | 11.2 | 13.5 | 12.4 | 11.2 | 10.1 | 10.1 | 9.0 |
| 87.5° | 6.8 | 7.9 | 6.8 | 7.9 | 6.8 | 6.8 | 7.9 | 6.8 | 6.8 | 4.5 | 4.5 |
| 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: P245945

CATALOG NUMBER: LSR8B50D010 EC8B50950 8LBSW0B

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2302.8 | 2302.8 | 2302.8 | 2302.8 | 2302.8 | 2302.8 | 2302.8 | 2302.8 | 2302.8 | 2302.8 | 2302.8 |
| 2.5° | 2291.6 | 2292.7 | 2292.7 | 2297.2 | 2299.5 | 2300.6 | 2300.6 | 2309.6 | 2306.2 | 2308.5 | 2310.7 |
| 5° | 2259.0 | 2265.7 | 2268.0 | 2268.0 | 2280.3 | 2284.8 | 2289.3 | 2299.5 | 2300.6 | 2307.3 | 2315.2 |
| 7.5° | 2227.5 | 2235.4 | 2239.9 | 2250.0 | 2257.9 | 2265.7 | 2279.2 | 2286.0 | 2292.7 | 2301.7 | 2311.8 |
| 10° | 2197.1 | 2206.2 | 2215.1 | 2223.0 | 2235.4 | 2245.5 | 2254.5 | 2270.2 | 2278.1 | 2290.5 | 2304.0 |
| 12.5° | 2167.9 | 2180.3 | 2188.2 | 2201.6 | 2215.1 | 2224.1 | 2237.6 | 2252.3 | 2264.6 | 2277.0 | 2292.7 |
| 15° | 2142.1 | 2156.7 | 2165.7 | 2180.3 | 2194.9 | 2207.3 | 2221.9 | 2239.9 | 2248.9 | 2263.5 | 2278.1 |
| 17.5° | 2113.9 | 2129.7 | 2140.9 | 2154.4 | 2172.4 | 2185.9 | 2198.3 | 2216.2 | 2227.5 | 2243.2 | 2260.1 |
| 20° | 2084.7 | 2100.4 | 2113.9 | 2127.4 | 2145.4 | 2158.9 | 2173.5 | 2191.5 | 2203.9 | 2219.6 | 2233.1 |
| 22.5° | 2049.9 | 2064.5 | 2079.1 | 2094.8 | 2112.8 | 2124.0 | 2140.9 | 2156.7 | 2170.1 | 2184.8 | 2198.3 |
| 25° | 2004.9 | 2022.9 | 2034.1 | 2048.7 | 2063.3 | 2075.7 | 2093.7 | 2109.4 | 2120.7 | 2134.2 | 2146.5 |
| 27.5° | 1952.0 | 1965.5 | 1974.5 | 1986.9 | 2001.5 | 2012.7 | 2026.2 | 2042.0 | 2053.2 | 2065.6 | 2074.6 |
| 30° | 1862.0 | 1874.4 | 1882.3 | 1891.3 | 1905.9 | 1916.1 | 1927.3 | 1941.9 | 1949.7 | 1958.8 | 1966.6 |
| 32.5° | 1744.0 | 1754.1 | 1758.6 | 1765.4 | 1775.5 | 1785.6 | 1794.6 | 1807.0 | 1810.3 | 1815.9 | 1815.9 |
| 35° | 1573.1 | 1575.3 | 1574.2 | 1576.5 | 1581.0 | 1586.6 | 1594.4 | 1602.3 | 1606.8 | 1606.8 | 1603.5 |
| 37.5° | 1372.9 | 1359.5 | 1344.8 | 1333.6 | 1330.2 | 1327.9 | 1332.5 | 1335.8 | 1340.3 | 1342.6 | 1337.0 |
| 40° | 1164.9 | 1134.6 | 1101.9 | 1072.7 | 1052.5 | 1043.5 | 1040.1 | 1042.3 | 1042.3 | 1050.2 | 1050.2 |
| 42.5° | 986.1 | 938.9 | 890.6 | 846.7 | 817.4 | 795.0 | 784.9 | 784.9 | 786.0 | 791.6 | 795.0 |
| 45° | 837.7 | 778.1 | 721.9 | 673.6 | 633.1 | 603.8 | 590.3 | 587.0 | 585.8 | 588.1 | 595.9 |
| 47.5° | 724.1 | 662.3 | 603.8 | 544.2 | 501.5 | 472.3 | 459.9 | 455.4 | 450.9 | 455.4 | 456.5 |
| 50° | 635.3 | 571.2 | 509.4 | 449.8 | 404.8 | 378.9 | 363.2 | 356.4 | 355.3 | 355.3 | 357.6 |
| 52.5° | 554.3 | 494.8 | 432.9 | 372.2 | 325.0 | 300.2 | 285.6 | 282.2 | 277.7 | 282.2 | 282.2 |
| 55° | 477.9 | 418.3 | 357.6 | 300.2 | 260.8 | 235.0 | 221.5 | 217.0 | 214.8 | 218.1 | 218.1 |
| 57.5° | 394.7 | 344.1 | 287.9 | 236.1 | 196.8 | 178.8 | 168.7 | 163.1 | 161.9 | 164.2 | 161.9 |
| 60° | 323.8 | 281.1 | 232.8 | 185.5 | 155.2 | 136.1 | 128.2 | 125.9 | 123.7 | 125.9 | 125.9 |
| 62.5° | 256.4 | 220.4 | 181.0 | 145.0 | 119.2 | 105.7 | 96.7 | 96.7 | 95.6 | 95.6 | 96.7 |
| 65° | 190.0 | 161.9 | 133.8 | 103.4 | 83.2 | 73.1 | 66.3 | 66.3 | 65.2 | 66.3 | 65.2 |
| 67.5° | 138.3 | 119.2 | 96.7 | 75.3 | 59.6 | 54.0 | 49.5 | 46.1 | 48.4 | 46.1 | 45.0 |
| 70° | 101.2 | 85.4 | 69.7 | 57.3 | 46.1 | 40.5 | 37.1 | 36.0 | 33.7 | 33.7 | 33.7 |
| 72.5° | 67.5 | 57.3 | 47.2 | 37.1 | 30.4 | 24.7 | 23.6 | 21.4 | 19.1 | 20.2 | 22.5 |
| 75° | 45.0 | 38.2 | 33.7 | 27.0 | 20.2 | 20.2 | 13.5 | 13.5 | 11.2 | 13.5 | 10.1 |
| 77.5° | 31.5 | 25.9 | 20.2 | 16.8 | 13.5 | 12.4 | 9.0 | 9.0 | 7.9 | 7.9 | 7.9 |
| 80° | 22.5 | 19.1 | 14.6 | 12.4 | 9.0 | 9.0 | 7.9 | 6.8 | 5.6 | 5.6 | 6.8 |
| 82.5° | 13.5 | 10.1 | 10.1 | 9.0 | 5.6 | 4.5 | 3.4 | 4.5 | 2.3 | 2.3 | 2.3 |
| 85° | 7.9 | 6.8 | 5.6 | 3.4 | 2.3 | 2.3 | 1.1 | 0.0 | 1.1 | 1.1 | 0.0 |
| 87.5° | 4.5 | 2.3 | 2.3 | 1.1 | 0.0 | 1.1 | 1.1 | 0.0 | 0.0 | 0.0 | 2.3 |
| 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: P245945

CATALOG NUMBER: LSR8B50D010 EC8B50950 8LBSW0B

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2302.8 | 2302.8 | 2302.8 | 2302.8 | 2302.8 | 2302.8 | 2302.8 | 2302.8 | 2302.8 | 2302.8 | 2302.8 |
| 2.5° | 2316.4 | 2315.2 | 2317.5 | 2317.5 | 2324.2 | 2323.1 | 2326.4 | 2326.4 | 2324.2 | 2325.3 | 2329.8 |
| 5° | 2324.2 | 2327.6 | 2334.3 | 2340.0 | 2350.0 | 2354.6 | 2360.2 | 2365.8 | 2366.9 | 2370.3 | 2373.7 |
| 7.5° | 2324.2 | 2335.5 | 2343.3 | 2353.4 | 2366.9 | 2374.8 | 2387.2 | 2397.3 | 2401.8 | 2407.4 | 2414.1 |
| 10° | 2319.7 | 2330.9 | 2345.6 | 2356.8 | 2373.7 | 2386.1 | 2398.4 | 2414.1 | 2420.9 | 2429.9 | 2438.9 |
| 12.5° | 2310.7 | 2323.1 | 2338.8 | 2353.4 | 2372.5 | 2383.8 | 2399.5 | 2414.1 | 2424.3 | 2436.6 | 2446.8 |
| 15° | 2297.2 | 2311.8 | 2326.4 | 2341.1 | 2361.3 | 2374.8 | 2389.4 | 2406.3 | 2416.4 | 2429.9 | 2438.9 |
| 17.5° | 2275.9 | 2291.6 | 2305.1 | 2318.6 | 2337.7 | 2353.4 | 2366.9 | 2382.7 | 2392.8 | 2404.1 | 2416.4 |
| 20° | 2250.0 | 2264.6 | 2279.2 | 2290.5 | 2309.6 | 2323.1 | 2337.7 | 2352.3 | 2360.2 | 2362.5 | 2381.6 |
| 22.5° | 2217.4 | 2227.5 | 2238.7 | 2256.7 | 2268.0 | 2280.3 | 2293.9 | 2307.3 | 2315.2 | 2327.6 | 2334.3 |
| 25° | 2163.4 | 2173.5 | 2185.9 | 2193.8 | 2207.3 | 2217.4 | 2230.9 | 2245.5 | 2250.0 | 2259.0 | 2265.7 |
| 27.5° | 2088.1 | 2093.7 | 2099.3 | 2106.0 | 2113.9 | 2119.6 | 2127.4 | 2134.2 | 2138.7 | 2143.2 | 2147.7 |
| 30° | 1968.9 | 1968.9 | 1968.9 | 1964.4 | 1967.8 | 1971.1 | 1972.2 | 1971.1 | 1971.1 | 1970.0 | 1970.0 |
| 32.5° | 1811.5 | 1802.5 | 1792.3 | 1783.4 | 1780.0 | 1775.5 | 1773.2 | 1769.8 | 1764.2 | 1760.9 | 1762.0 |
| 35° | 1598.9 | 1578.7 | 1566.3 | 1555.1 | 1546.1 | 1539.4 | 1536.0 | 1532.6 | 1531.5 | 1527.0 | 1522.5 |
| 37.5° | 1333.6 | 1319.0 | 1310.0 | 1303.2 | 1295.4 | 1288.6 | 1289.7 | 1290.9 | 1294.2 | 1292.0 | 1293.1 |
| 40° | 1052.5 | 1049.1 | 1052.5 | 1044.6 | 1042.3 | 1044.6 | 1050.2 | 1058.1 | 1062.6 | 1067.1 | 1075.0 |
| 42.5° | 800.6 | 806.2 | 814.1 | 814.1 | 817.4 | 822.0 | 828.7 | 841.1 | 847.8 | 855.7 | 864.7 |
| 45° | 602.7 | 609.4 | 619.6 | 622.9 | 625.2 | 630.8 | 638.7 | 648.8 | 653.3 | 660.0 | 667.9 |
| 47.5° | 464.4 | 468.9 | 474.5 | 480.1 | 485.7 | 488.0 | 495.9 | 495.9 | 501.5 | 506.0 | 508.2 |
| 50° | 362.1 | 366.6 | 371.0 | 374.4 | 376.7 | 380.1 | 382.3 | 385.7 | 386.8 | 389.1 | 390.2 |
| 52.5° | 283.3 | 289.0 | 289.0 | 291.2 | 294.6 | 298.0 | 296.9 | 298.0 | 299.1 | 299.1 | 302.5 |
| 55° | 221.5 | 221.5 | 224.9 | 224.9 | 227.2 | 226.0 | 227.2 | 227.2 | 227.2 | 227.2 | 228.3 |
| 57.5° | 165.3 | 166.4 | 169.8 | 167.5 | 166.4 | 168.7 | 166.4 | 168.7 | 167.5 | 169.8 | 166.4 |
| 60° | 127.0 | 127.0 | 128.2 | 128.2 | 129.3 | 129.3 | 129.3 | 128.2 | 128.2 | 127.0 | 127.0 |
| 62.5° | 95.6 | 96.7 | 97.8 | 96.7 | 96.7 | 96.7 | 95.6 | 95.6 | 94.5 | 93.3 | 93.3 |
| 65° | 64.1 | 63.0 | 65.2 | 63.0 | 64.1 | 64.1 | 63.0 | 64.1 | 60.7 | 61.8 | 60.7 |
| 67.5° | 46.1 | 45.0 | 43.9 | 45.0 | 43.9 | 42.7 | 42.7 | 43.9 | 45.0 | 41.6 | 41.6 |
| 70° | 30.4 | 31.5 | 30.4 | 31.5 | 32.6 | 32.6 | 31.5 | 30.4 | 31.5 | 29.3 | 30.4 |
| 72.5° | 19.1 | 19.1 | 19.1 | 19.1 | 19.1 | 20.2 | 20.2 | 20.2 | 18.0 | 18.0 | 16.8 |
| 75° | 9.0 | 12.4 | 10.1 | 9.0 | 12.4 | 12.4 | 11.2 | 11.2 | 10.1 | 10.1 | 10.1 |
| 77.5° | 9.0 | 6.8 | 6.8 | 6.8 | 6.8 | 6.8 | 6.8 | 6.8 | 5.6 | 6.8 | 5.6 |
| 80° | 4.5 | 4.5 | 4.5 | 3.4 | 4.5 | 4.5 | 5.6 | 4.5 | 4.5 | 3.4 | 5.6 |
| 82.5° | 2.3 | 2.3 | 2.3 | 0.0 | 1.1 | 2.3 | 2.3 | 1.1 | 2.3 | 2.3 | 1.1 |
| 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: P245945

CATALOG NUMBER: LSR8B50D010 EC8B50950 8LBSW0B

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2302.8 | 2302.8 | 2302.8 | 2302.8 | 2302.8 | 2302.8 | 2302.8 | 2302.8 | 2302.8 | 2302.8 | 2302.8 |
| 2.5° | 2328.7 | 2327.6 | 2328.7 | 2329.8 | 2328.7 | 2327.6 | 2328.7 | 2329.8 | 2325.3 | 2324.2 | 2326.4 |
| 5° | 2378.2 | 2378.2 | 2380.4 | 2381.6 | 2380.4 | 2378.2 | 2378.2 | 2373.7 | 2370.3 | 2366.9 | 2365.8 |
| 7.5° | 2420.9 | 2423.2 | 2425.4 | 2426.5 | 2425.4 | 2423.2 | 2420.9 | 2414.1 | 2407.4 | 2401.8 | 2397.3 |
| 10° | 2446.8 | 2450.2 | 2454.6 | 2456.9 | 2454.6 | 2450.2 | 2446.8 | 2438.9 | 2429.9 | 2420.9 | 2414.1 |
| 12.5° | 2458.0 | 2461.4 | 2467.0 | 2465.9 | 2467.0 | 2461.4 | 2458.0 | 2446.8 | 2436.6 | 2424.3 | 2414.1 |
| 15° | 2450.2 | 2454.6 | 2460.2 | 2462.5 | 2460.2 | 2454.6 | 2450.2 | 2438.9 | 2429.9 | 2416.4 | 2406.3 |
| 17.5° | 2425.4 | 2432.2 | 2435.5 | 2438.9 | 2435.5 | 2432.2 | 2425.4 | 2416.4 | 2404.1 | 2392.8 | 2382.7 |
| 20° | 2391.7 | 2396.2 | 2400.7 | 2401.8 | 2400.7 | 2396.2 | 2391.7 | 2381.6 | 2362.5 | 2360.2 | 2352.3 |
| 22.5° | 2343.3 | 2346.7 | 2356.8 | 2353.4 | 2356.8 | 2346.7 | 2343.3 | 2334.3 | 2327.6 | 2315.2 | 2307.3 |
| 25° | 2273.6 | 2277.0 | 2278.1 | 2279.2 | 2278.1 | 2277.0 | 2273.6 | 2265.7 | 2259.0 | 2250.0 | 2245.5 |
| 27.5° | 2153.3 | 2153.3 | 2155.5 | 2156.7 | 2155.5 | 2153.3 | 2153.3 | 2147.7 | 2143.2 | 2138.7 | 2134.2 |
| 30° | 1971.1 | 1971.1 | 1971.1 | 1976.8 | 1971.1 | 1971.1 | 1971.1 | 1970.0 | 1970.0 | 1971.1 | 1971.1 |
| 32.5° | 1760.9 | 1758.6 | 1756.4 | 1758.6 | 1756.4 | 1758.6 | 1760.9 | 1762.0 | 1760.9 | 1764.2 | 1769.8 |
| 35° | 1522.5 | 1521.4 | 1524.7 | 1520.2 | 1524.7 | 1521.4 | 1522.5 | 1522.5 | 1527.0 | 1531.5 | 1532.6 |
| 37.5° | 1294.2 | 1292.0 | 1296.5 | 1292.0 | 1296.5 | 1292.0 | 1294.2 | 1293.1 | 1292.0 | 1294.2 | 1290.9 |
| 40° | 1077.2 | 1079.5 | 1079.5 | 1088.5 | 1079.5 | 1079.5 | 1077.2 | 1075.0 | 1067.1 | 1062.6 | 1058.1 |
| 42.5° | 869.2 | 875.9 | 873.7 | 880.4 | 873.7 | 875.9 | 869.2 | 864.7 | 855.7 | 847.8 | 841.1 |
| 45° | 672.4 | 676.9 | 676.9 | 679.2 | 676.9 | 676.9 | 672.4 | 667.9 | 660.0 | 653.3 | 648.8 |
| 47.5° | 516.1 | 516.1 | 516.1 | 517.3 | 516.1 | 516.1 | 516.1 | 508.2 | 506.0 | 501.5 | 495.9 |
| 50° | 392.4 | 393.5 | 394.7 | 395.8 | 394.7 | 393.5 | 392.4 | 390.2 | 389.1 | 386.8 | 385.7 |
| 52.5° | 301.3 | 302.5 | 300.2 | 302.5 | 300.2 | 302.5 | 301.3 | 302.5 | 299.1 | 299.1 | 298.0 |
| 55° | 228.3 | 227.2 | 228.3 | 229.4 | 228.3 | 227.2 | 228.3 | 228.3 | 227.2 | 227.2 | 227.2 |
| 57.5° | 167.5 | 165.3 | 165.3 | 165.3 | 165.3 | 165.3 | 167.5 | 166.4 | 169.8 | 167.5 | 168.7 |
| 60° | 124.8 | 125.9 | 125.9 | 127.0 | 125.9 | 125.9 | 124.8 | 127.0 | 127.0 | 128.2 | 128.2 |
| 62.5° | 92.2 | 95.6 | 93.3 | 95.6 | 93.3 | 95.6 | 92.2 | 93.3 | 93.3 | 94.5 | 95.6 |
| 65° | 59.6 | 59.6 | 59.6 | 60.7 | 59.6 | 59.6 | 59.6 | 60.7 | 61.8 | 60.7 | 64.1 |
| 67.5° | 40.5 | 41.6 | 43.9 | 42.7 | 43.9 | 41.6 | 40.5 | 41.6 | 41.6 | 45.0 | 43.9 |
| 70° | 32.6 | 29.3 | 29.3 | 32.6 | 29.3 | 29.3 | 32.6 | 30.4 | 29.3 | 31.5 | 30.4 |
| 72.5° | 19.1 | 16.8 | 19.1 | 19.1 | 19.1 | 16.8 | 19.1 | 16.8 | 18.0 | 18.0 | 20.2 |
| 75° | 10.1 | 9.0 | 7.9 | 11.2 | 7.9 | 9.0 | 10.1 | 10.1 | 10.1 | 10.1 | 11.2 |
| 77.5° | 6.8 | 5.6 | 7.9 | 7.9 | 7.9 | 5.6 | 6.8 | 5.6 | 6.8 | 5.6 | 6.8 |
| 80° | 3.4 | 4.5 | 3.4 | 5.6 | 3.4 | 4.5 | 3.4 | 5.6 | 3.4 | 4.5 | 4.5 |
| 82.5° | 1.1 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 1.1 | 1.1 | 2.3 | 2.3 | 1.1 |
| 85° | 0.0 | 2.3 | 1.1 | 1.1 | 1.1 | 2.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 1.1 | 0.0 | 0.0 | 1.1 | 0.0 | 0.0 | 1.1 | 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: P245945

CATALOG NUMBER: LSR8B50D010 EC8B50950 8LBSW0B

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2302.8 | 2302.8 | 2302.8 | 2302.8 | 2302.8 | 2302.8 | 2302.8 | 2302.8 | 2302.8 | 2302.8 | 2302.8 |
| 2.5° | 2326.4 | 2323.1 | 2324.2 | 2317.5 | 2317.5 | 2315.2 | 2316.4 | 2310.7 | 2308.5 | 2306.2 | 2309.6 |
| 5° | 2360.2 | 2354.6 | 2350.0 | 2340.0 | 2334.3 | 2327.6 | 2324.2 | 2315.2 | 2307.3 | 2300.6 | 2299.5 |
| 7.5° | 2387.2 | 2374.8 | 2366.9 | 2353.4 | 2343.3 | 2335.5 | 2324.2 | 2311.8 | 2301.7 | 2292.7 | 2286.0 |
| 10° | 2398.4 | 2386.1 | 2373.7 | 2356.8 | 2345.6 | 2330.9 | 2319.7 | 2304.0 | 2290.5 | 2278.1 | 2270.2 |
| 12.5° | 2399.5 | 2383.8 | 2372.5 | 2353.4 | 2338.8 | 2323.1 | 2310.7 | 2292.7 | 2277.0 | 2264.6 | 2252.3 |
| 15° | 2389.4 | 2374.8 | 2361.3 | 2341.1 | 2326.4 | 2311.8 | 2297.2 | 2278.1 | 2263.5 | 2248.9 | 2239.9 |
| 17.5° | 2366.9 | 2353.4 | 2337.7 | 2318.6 | 2305.1 | 2291.6 | 2275.9 | 2260.1 | 2243.2 | 2227.5 | 2216.2 |
| 20° | 2337.7 | 2323.1 | 2309.6 | 2290.5 | 2279.2 | 2264.6 | 2250.0 | 2233.1 | 2219.6 | 2203.9 | 2191.5 |
| 22.5° | 2293.9 | 2280.3 | 2268.0 | 2256.7 | 2238.7 | 2227.5 | 2217.4 | 2198.3 | 2184.8 | 2170.1 | 2156.7 |
| 25° | 2230.9 | 2217.4 | 2207.3 | 2193.8 | 2185.9 | 2173.5 | 2163.4 | 2146.5 | 2134.2 | 2120.7 | 2109.4 |
| 27.5° | 2127.4 | 2119.6 | 2113.9 | 2106.0 | 2099.3 | 2093.7 | 2088.1 | 2074.6 | 2065.6 | 2053.2 | 2042.0 |
| 30° | 1972.2 | 1971.1 | 1967.8 | 1964.4 | 1968.9 | 1968.9 | 1968.9 | 1966.6 | 1958.8 | 1949.7 | 1941.9 |
| 32.5° | 1773.2 | 1775.5 | 1780.0 | 1783.4 | 1792.3 | 1802.5 | 1811.5 | 1815.9 | 1815.9 | 1810.3 | 1807.0 |
| 35° | 1536.0 | 1539.4 | 1546.1 | 1555.1 | 1566.3 | 1578.7 | 1598.9 | 1603.5 | 1606.8 | 1606.8 | 1602.3 |
| 37.5° | 1289.7 | 1288.6 | 1295.4 | 1303.2 | 1310.0 | 1319.0 | 1333.6 | 1337.0 | 1342.6 | 1340.3 | 1335.8 |
| 40° | 1050.2 | 1044.6 | 1042.3 | 1044.6 | 1052.5 | 1049.1 | 1052.5 | 1050.2 | 1050.2 | 1042.3 | 1042.3 |
| 42.5° | 828.7 | 822.0 | 817.4 | 814.1 | 814.1 | 806.2 | 800.6 | 795.0 | 791.6 | 786.0 | 784.9 |
| 45° | 638.7 | 630.8 | 625.2 | 622.9 | 619.6 | 609.4 | 602.7 | 595.9 | 588.1 | 585.8 | 587.0 |
| 47.5° | 495.9 | 488.0 | 485.7 | 480.1 | 474.5 | 468.9 | 464.4 | 456.5 | 455.4 | 450.9 | 455.4 |
| 50° | 382.3 | 380.1 | 376.7 | 374.4 | 371.0 | 366.6 | 362.1 | 357.6 | 355.3 | 355.3 | 356.4 |
| 52.5° | 296.9 | 298.0 | 294.6 | 291.2 | 289.0 | 289.0 | 283.3 | 282.2 | 282.2 | 277.7 | 282.2 |
| 55° | 227.2 | 226.0 | 227.2 | 224.9 | 224.9 | 221.5 | 221.5 | 218.1 | 218.1 | 214.8 | 217.0 |
| 57.5° | 166.4 | 168.7 | 166.4 | 167.5 | 169.8 | 166.4 | 165.3 | 161.9 | 164.2 | 161.9 | 163.1 |
| 60° | 129.3 | 129.3 | 129.3 | 128.2 | 128.2 | 127.0 | 127.0 | 125.9 | 125.9 | 123.7 | 125.9 |
| 62.5° | 95.6 | 96.7 | 96.7 | 96.7 | 97.8 | 96.7 | 95.6 | 96.7 | 95.6 | 95.6 | 96.7 |
| 65° | 63.0 | 64.1 | 64.1 | 63.0 | 65.2 | 63.0 | 64.1 | 65.2 | 66.3 | 65.2 | 66.3 |
| 67.5° | 42.7 | 42.7 | 43.9 | 45.0 | 43.9 | 45.0 | 46.1 | 45.0 | 46.1 | 48.4 | 46.1 |
| 70° | 31.5 | 32.6 | 32.6 | 31.5 | 30.4 | 31.5 | 30.4 | 33.7 | 33.7 | 33.7 | 36.0 |
| 72.5° | 20.2 | 20.2 | 19.1 | 19.1 | 19.1 | 19.1 | 19.1 | 22.5 | 20.2 | 19.1 | 21.4 |
| 75° | 11.2 | 12.4 | 12.4 | 9.0 | 10.1 | 12.4 | 9.0 | 10.1 | 13.5 | 11.2 | 13.5 |
| 77.5° | 6.8 | 6.8 | 6.8 | 6.8 | 6.8 | 6.8 | 9.0 | 7.9 | 7.9 | 7.9 | 9.0 |
| 80° | 5.6 | 4.5 | 4.5 | 3.4 | 4.5 | 4.5 | 4.5 | 6.8 | 5.6 | 5.6 | 6.8 |
| 82.5° | 2.3 | 2.3 | 1.1 | 0.0 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 4.5 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.1 | 1.1 | 0.0 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.3 | 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: P245945

CATALOG NUMBER: LSR8B50D010 EC8B50950 8LBSW0B

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2302.8 | 2302.8 | 2302.8 | 2302.8 | 2302.8 | 2302.8 | 2302.8 | 2302.8 | 2302.8 | 2302.8 | 2302.8 |
| 2.5° | 2300.6 | 2300.6 | 2299.5 | 2297.2 | 2292.7 | 2292.7 | 2291.6 | 2288.2 | 2286.0 | 2284.8 | 2284.8 |
| 5° | 2289.3 | 2284.8 | 2280.3 | 2268.0 | 2268.0 | 2265.7 | 2259.0 | 2254.5 | 2252.3 | 2246.6 | 2244.4 |
| 7.5° | 2279.2 | 2265.7 | 2257.9 | 2250.0 | 2239.9 | 2235.4 | 2227.5 | 2224.1 | 2216.2 | 2210.6 | 2207.3 |
| 10° | 2254.5 | 2245.5 | 2235.4 | 2223.0 | 2215.1 | 2206.2 | 2197.1 | 2190.4 | 2180.3 | 2174.6 | 2170.1 |
| 12.5° | 2237.6 | 2224.1 | 2215.1 | 2201.6 | 2188.2 | 2180.3 | 2167.9 | 2160.1 | 2149.9 | 2138.7 | 2131.9 |
| 15° | 2221.9 | 2207.3 | 2194.9 | 2180.3 | 2165.7 | 2156.7 | 2142.1 | 2133.1 | 2118.4 | 2107.2 | 2099.3 |
| 17.5° | 2198.3 | 2185.9 | 2172.4 | 2154.4 | 2140.9 | 2129.7 | 2113.9 | 2102.7 | 2089.2 | 2074.6 | 2066.7 |
| 20° | 2173.5 | 2158.9 | 2145.4 | 2127.4 | 2113.9 | 2100.4 | 2084.7 | 2072.4 | 2056.6 | 2043.1 | 2034.1 |
| 22.5° | 2140.9 | 2124.0 | 2112.8 | 2094.8 | 2079.1 | 2064.5 | 2049.9 | 2035.2 | 2020.6 | 2009.4 | 1999.2 |
| 25° | 2093.7 | 2075.7 | 2063.3 | 2048.7 | 2034.1 | 2022.9 | 2004.9 | 1995.9 | 1981.3 | 1971.1 | 1961.0 |
| 27.5° | 2026.2 | 2012.7 | 2001.5 | 1986.9 | 1974.5 | 1965.5 | 1952.0 | 1943.0 | 1930.6 | 1921.7 | 1913.8 |
| 30° | 1927.3 | 1916.1 | 1905.9 | 1891.3 | 1882.3 | 1874.4 | 1862.0 | 1854.2 | 1845.2 | 1835.1 | 1832.8 |
| 32.5° | 1794.6 | 1785.6 | 1775.5 | 1765.4 | 1758.6 | 1754.1 | 1744.0 | 1739.5 | 1730.5 | 1724.9 | 1719.3 |
| 35° | 1594.4 | 1586.6 | 1581.0 | 1576.5 | 1574.2 | 1575.3 | 1573.1 | 1577.6 | 1579.8 | 1578.7 | 1579.8 |
| 37.5° | 1332.5 | 1327.9 | 1330.2 | 1333.6 | 1344.8 | 1359.5 | 1372.9 | 1393.2 | 1406.7 | 1420.2 | 1432.5 |
| 40° | 1040.1 | 1043.5 | 1052.5 | 1072.7 | 1101.9 | 1134.6 | 1164.9 | 1203.2 | 1241.4 | 1268.4 | 1293.1 |
| 42.5° | 784.9 | 795.0 | 817.4 | 846.7 | 890.6 | 938.9 | 986.1 | 1042.3 | 1088.5 | 1133.4 | 1164.9 |
| 45° | 590.3 | 603.8 | 633.1 | 673.6 | 721.9 | 778.1 | 837.7 | 900.7 | 955.8 | 1001.9 | 1036.7 |
| 47.5° | 459.9 | 472.3 | 501.5 | 544.2 | 603.8 | 662.3 | 724.1 | 789.4 | 846.7 | 891.7 | 922.0 |
| 50° | 363.2 | 378.9 | 404.8 | 449.8 | 509.4 | 571.2 | 635.3 | 699.4 | 753.4 | 791.6 | 818.6 |
| 52.5° | 285.6 | 300.2 | 325.0 | 372.2 | 432.9 | 494.8 | 554.3 | 617.3 | 664.5 | 701.6 | 719.6 |
| 55° | 221.5 | 235.0 | 260.8 | 300.2 | 357.6 | 418.3 | 477.9 | 531.9 | 575.7 | 602.7 | 619.6 |
| 57.5° | 168.7 | 178.8 | 196.8 | 236.1 | 287.9 | 344.1 | 394.7 | 448.7 | 482.4 | 501.5 | 512.7 |
| 60° | 128.2 | 136.1 | 155.2 | 185.5 | 232.8 | 281.1 | 323.8 | 364.3 | 391.3 | 407.1 | 418.3 |
| 62.5° | 96.7 | 105.7 | 119.2 | 145.0 | 181.0 | 220.4 | 256.4 | 286.7 | 309.2 | 319.4 | 327.2 |
| 65° | 66.3 | 73.1 | 83.2 | 103.4 | 133.8 | 161.9 | 190.0 | 212.5 | 227.2 | 238.4 | 242.9 |
| 67.5° | 49.5 | 54.0 | 59.6 | 75.3 | 96.7 | 119.2 | 138.3 | 154.0 | 169.8 | 174.3 | 182.2 |
| 70° | 37.1 | 40.5 | 46.1 | 57.3 | 69.7 | 85.4 | 101.2 | 110.2 | 121.4 | 129.3 | 131.6 |
| 72.5° | 23.6 | 24.7 | 30.4 | 37.1 | 47.2 | 57.3 | 67.5 | 75.3 | 82.1 | 86.6 | 88.8 |
| 75° | 13.5 | 20.2 | 20.2 | 27.0 | 33.7 | 38.2 | 45.0 | 50.6 | 54.0 | 57.3 | 57.3 |
| 77.5° | 9.0 | 12.4 | 13.5 | 16.8 | 20.2 | 25.9 | 31.5 | 34.9 | 38.2 | 39.3 | 39.3 |
| 80° | 7.9 | 9.0 | 9.0 | 12.4 | 14.6 | 19.1 | 22.5 | 23.6 | 25.9 | 27.0 | 29.3 |
| 82.5° | 3.4 | 4.5 | 5.6 | 9.0 | 10.1 | 10.1 | 13.5 | 14.6 | 16.8 | 18.0 | 18.0 |
| 85° | 1.1 | 2.3 | 2.3 | 3.4 | 5.6 | 6.8 | 7.9 | 9.0 | 10.1 | 10.1 | 11.2 |
| 87.5° | 1.1 | 1.1 | 0.0 | 1.1 | 2.3 | 2.3 | 4.5 | 4.5 | 4.5 | 6.8 | 6.8 |
| 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: P245945

CATALOG NUMBER: LSR8B50D010 EC8B50950 8LBSW0B

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|-------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2302.8 | 2302.8 | 2302.8 | 2302.8 | 2302.8 | 2302.8 | 2302.8 |
| 2.5° | 2282.6 | 2283.7 | 2279.2 | 2278.1 | 2275.9 | 2277.0 | 2279.2 |
| 5° | 2241.0 | 2242.1 | 2237.6 | 2233.1 | 2233.1 | 2232.0 | 2233.1 |
| 7.5° | 2201.6 | 2202.8 | 2196.0 | 2193.8 | 2189.3 | 2190.4 | 2190.4 |
| 10° | 2162.3 | 2162.3 | 2152.2 | 2151.0 | 2147.7 | 2146.5 | 2146.5 |
| 12.5° | 2124.0 | 2120.7 | 2112.8 | 2108.3 | 2110.6 | 2103.8 | 2103.8 |
| 15° | 2090.3 | 2084.7 | 2074.6 | 2071.2 | 2065.6 | 2063.3 | 2063.3 |
| 17.5° | 2055.5 | 2051.0 | 2042.0 | 2035.2 | 2028.5 | 2027.4 | 2028.5 |
| 20° | 2021.7 | 2017.2 | 2006.0 | 2001.5 | 1995.9 | 1995.9 | 1993.6 |
| 22.5° | 1988.0 | 1983.5 | 1973.4 | 1970.0 | 1962.2 | 1962.2 | 1963.3 |
| 25° | 1953.1 | 1949.7 | 1938.5 | 1936.3 | 1935.2 | 1930.6 | 1932.9 |
| 27.5° | 1905.9 | 1903.7 | 1894.7 | 1891.3 | 1886.8 | 1885.7 | 1887.9 |
| 30° | 1819.3 | 1815.9 | 1809.2 | 1805.9 | 1798.0 | 1799.1 | 1801.3 |
| 32.5° | 1711.4 | 1706.9 | 1697.9 | 1694.5 | 1687.8 | 1685.5 | 1686.6 |
| 35° | 1576.5 | 1573.1 | 1565.2 | 1565.2 | 1558.5 | 1556.2 | 1558.5 |
| 37.5° | 1439.3 | 1442.6 | 1439.3 | 1442.6 | 1439.3 | 1438.1 | 1439.3 |
| 40° | 1310.0 | 1322.3 | 1324.6 | 1337.0 | 1332.5 | 1339.2 | 1338.1 |
| 42.5° | 1186.3 | 1206.5 | 1214.4 | 1224.5 | 1222.3 | 1226.8 | 1230.1 |
| 45° | 1061.4 | 1078.3 | 1086.2 | 1093.0 | 1094.1 | 1096.3 | 1097.5 |
| 47.5° | 943.4 | 956.9 | 958.0 | 965.9 | 964.8 | 964.8 | 968.1 |
| 50° | 833.2 | 842.2 | 844.4 | 850.1 | 845.6 | 843.3 | 844.4 |
| 52.5° | 730.9 | 739.9 | 737.6 | 739.9 | 734.3 | 732.0 | 733.1 |
| 55° | 626.3 | 630.8 | 630.8 | 630.8 | 624.1 | 624.1 | 624.1 |
| 57.5° | 519.5 | 520.6 | 518.4 | 519.5 | 518.4 | 511.6 | 510.5 |
| 60° | 421.7 | 421.7 | 420.5 | 421.7 | 418.3 | 414.9 | 414.9 |
| 62.5° | 329.4 | 331.7 | 336.2 | 331.7 | 329.4 | 331.7 | 328.3 |
| 65° | 246.3 | 250.8 | 249.6 | 251.9 | 250.8 | 250.8 | 248.5 |
| 67.5° | 185.5 | 186.7 | 187.8 | 188.9 | 188.9 | 188.9 | 188.9 |
| 70° | 136.1 | 139.4 | 138.3 | 138.3 | 138.3 | 138.3 | 145.0 |
| 72.5° | 91.1 | 95.6 | 94.5 | 96.7 | 96.7 | 99.0 | 96.7 |
| 75° | 61.8 | 66.3 | 64.1 | 67.5 | 66.3 | 64.1 | 69.7 |
| 77.5° | 41.6 | 43.9 | 45.0 | 46.1 | 45.0 | 43.9 | 45.0 |
| 80° | 29.3 | 31.5 | 30.4 | 31.5 | 31.5 | 31.5 | 32.6 |
| 82.5° | 18.0 | 21.4 | 20.2 | 21.4 | 20.2 | 21.4 | 21.4 |
| 85° | 12.4 | 13.5 | 11.2 | 13.5 | 12.4 | 12.4 | 14.6 |
| 87.5° | 7.9 | 6.8 | 6.8 | 7.9 | 6.8 | 7.9 | 6.8 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)