

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: P245897

Luminaire Tested: **LD8B50D010 ER8B50830 8LBSW0B**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P245897
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: LD8B50D010 ER8B50830 8LBSW0B
Description: PORTFOLIO 8 INCH SINGLE WALL WASH DISTRIBUTION 60 DEGREE CUTOFF
RECESSED DOWNLIGHT
80 CRI 3000 CCT WITH SPECULAR BLACK TRIM
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4045.0 lumens
Efficiency: N/A
Efficacy: 76.3 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

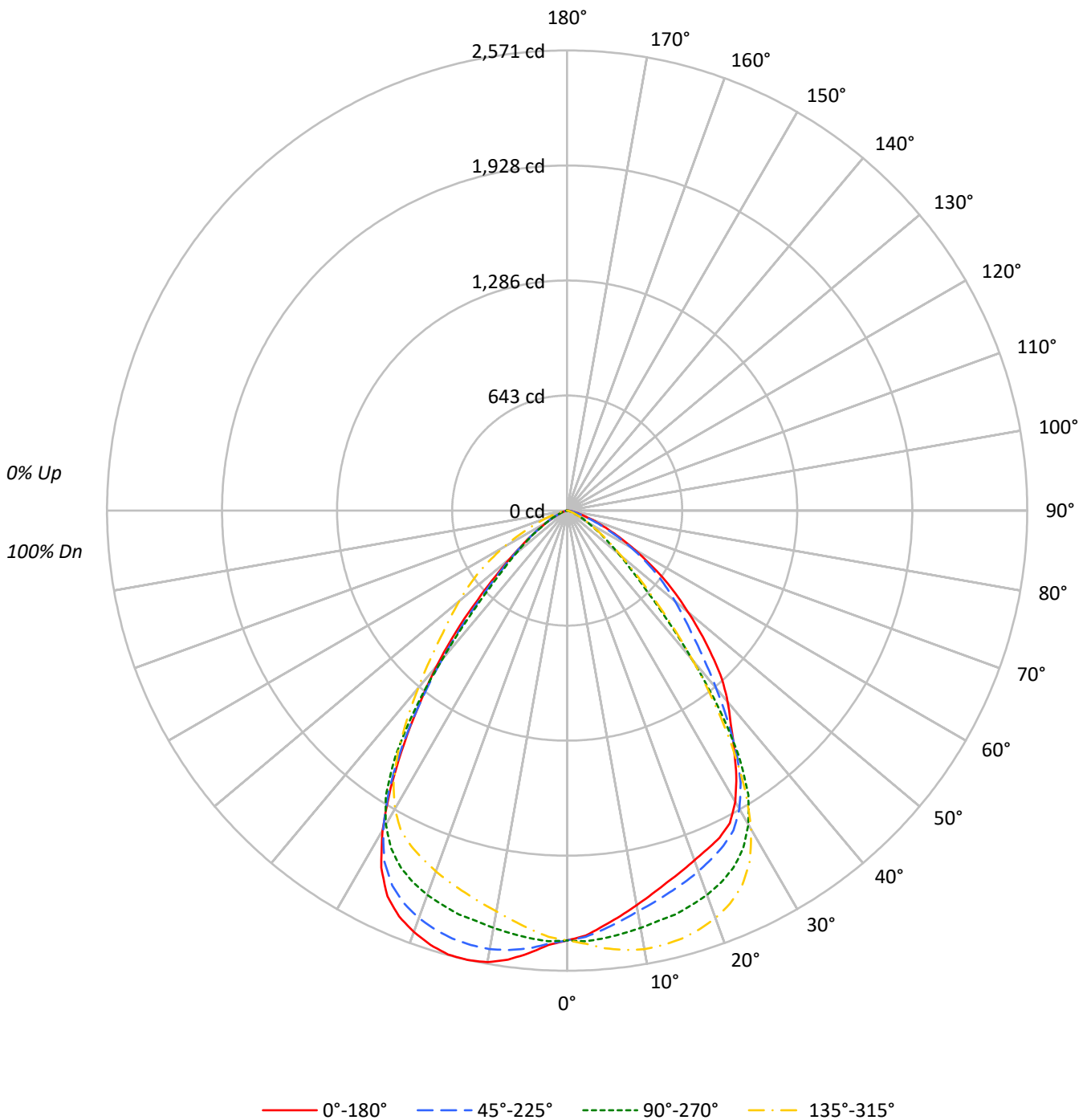
Input Watts (W): 53
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P245897

CATALOG NUMBER: LD8B50D010 ER8B50830 8LBSW0B

Luminous Intensity Polar Plot





TEST NUMBER: P245897

CATALOG NUMBER: LD8B50D010 ER8B50830 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° | 74050 | 74050 | 74050 | 74050 |
| 5° | 72083 | 74225 | 76875 | 74225 |
| 10° | 70089 | 74128 | 80221 | 74128 |
| 15° | 68688 | 74568 | 81978 | 74568 |
| 20° | 68220 | 74993 | 82189 | 74993 |
| 25° | 68579 | 74843 | 80869 | 74843 |
| 30° | 66884 | 72104 | 73400 | 72104 |
| 35° | 61179 | 62900 | 59677 | 62900 |
| 40° | 56166 | 43752 | 45692 | 43752 |
| 45° | 49906 | 26693 | 30884 | 26693 |
| 50° | 42245 | 17831 | 19798 | 17831 |
| 55° | 34988 | 12166 | 12860 | 12166 |
| 60° | 26686 | 8098 | 8172 | 8098 |
| 65° | 18905 | 5049 | 4619 | 5049 |
| 70° | 13641 | 3381 | 3065 | 3381 |
| 75° | 8662 | 1680 | 1394 | 1680 |
| 80° | 6038 | 1243 | 1030 | 1243 |
| 85° | 5413 | 0 | 425 | 0 |



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 228.6 | 5.7 |
| 10°-20° | 661.9 | 16.4 |
| 20°-30° | 1002.2 | 24.8 |
| 30°-40° | 1004.5 | 24.8 |
| 40°-50° | 630.8 | 15.6 |
| 50°-60° | 336.1 | 8.3 |
| 60°-70° | 138.2 | 3.4 |
| 70°-80° | 36.5 | 0.9 |
| 80°-90° | 6.2 | 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° | 1892.7 | 46.8 |
| 0°-40° | 2897.2 | 71.6 |
| 0°-60° | 3864.1 | 95.5 |
| 0°-90° | 4045.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 4045.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0° | 2401 | 2401 | 2401 | 2401 | 2401 | |
| 5° | 2329 | 2398 | 2484 | 2398 | 2329 | 220 |
| 15° | 2152 | 2336 | 2568 | 2336 | 2152 | 609 |
| 25° | 2016 | 2200 | 2377 | 2200 | 2016 | 924 |
| 35° | 1625 | 1671 | 1585 | 1671 | 1625 | 1018 |
| 45° | 1144 | 612 | 708 | 612 | 1144 | 880 |
| 55° | 651 | 226 | 239 | 226 | 651 | 580 |
| 65° | 259 | 69 | 63 | 69 | 259 | 269 |
| 75° | 73 | 14 | 12 | 14 | 73 | 82 |
| 85° | 15 | 0 | 1 | 0 | 15 | 17 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P245897

CATALOG NUMBER: LD8B50D010 ER8B50830 8LBSW0B

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2401.4 | 2401.4 | 2401.4 | 2401.4 | 2401.4 | 2401.4 | 2401.4 | 2401.4 | 2401.4 | 2401.4 | 2401.4 |
| 2.5° | 2376.8 | 2374.4 | 2373.3 | 2375.6 | 2376.8 | 2381.5 | 2380.3 | 2382.6 | 2382.6 | 2383.8 | 2386.1 |
| 5° | 2328.7 | 2327.5 | 2328.7 | 2328.7 | 2333.4 | 2338.1 | 2336.9 | 2340.4 | 2342.7 | 2348.6 | 2351.0 |
| 7.5° | 2284.2 | 2284.2 | 2283.0 | 2287.6 | 2290.0 | 2297.0 | 2295.8 | 2301.7 | 2305.2 | 2311.1 | 2319.3 |
| 10° | 2238.4 | 2238.4 | 2239.6 | 2243.1 | 2244.3 | 2254.8 | 2254.8 | 2263.0 | 2267.7 | 2273.6 | 2284.2 |
| 12.5° | 2193.9 | 2193.9 | 2200.9 | 2198.5 | 2203.2 | 2211.4 | 2214.9 | 2223.2 | 2230.2 | 2241.9 | 2252.5 |
| 15° | 2151.6 | 2151.6 | 2154.0 | 2159.8 | 2163.4 | 2173.9 | 2179.8 | 2189.2 | 2197.4 | 2209.1 | 2224.4 |
| 17.5° | 2115.3 | 2114.1 | 2115.3 | 2122.3 | 2129.4 | 2138.7 | 2143.4 | 2155.1 | 2163.4 | 2178.6 | 2192.7 |
| 20° | 2078.9 | 2081.3 | 2081.3 | 2087.1 | 2091.8 | 2103.6 | 2108.2 | 2121.2 | 2130.5 | 2144.6 | 2161.0 |
| 22.5° | 2047.3 | 2046.1 | 2046.1 | 2054.3 | 2057.9 | 2068.4 | 2073.1 | 2084.8 | 2095.4 | 2107.1 | 2122.3 |
| 25° | 2015.6 | 2013.3 | 2018.0 | 2019.1 | 2021.5 | 2033.2 | 2036.7 | 2044.9 | 2055.5 | 2066.1 | 2081.3 |
| 27.5° | 1968.7 | 1966.4 | 1967.5 | 1972.2 | 1975.8 | 1985.1 | 1987.5 | 1995.7 | 2003.9 | 2013.3 | 2026.2 |
| 30° | 1878.4 | 1876.1 | 1874.9 | 1883.1 | 1886.7 | 1893.7 | 1897.2 | 1911.3 | 1913.6 | 1924.2 | 1933.5 |
| 32.5° | 1758.8 | 1757.7 | 1760.0 | 1767.0 | 1770.5 | 1780.0 | 1784.6 | 1792.8 | 1798.7 | 1804.6 | 1813.9 |
| 35° | 1625.2 | 1622.8 | 1625.2 | 1632.2 | 1632.2 | 1640.4 | 1643.9 | 1647.4 | 1646.3 | 1647.4 | 1645.1 |
| 37.5° | 1500.9 | 1499.7 | 1500.9 | 1504.4 | 1500.9 | 1504.4 | 1500.9 | 1493.8 | 1481.0 | 1466.9 | 1452.8 |
| 40° | 1395.3 | 1396.5 | 1389.5 | 1394.2 | 1381.2 | 1378.9 | 1366.0 | 1348.4 | 1322.7 | 1294.5 | 1254.7 |
| 42.5° | 1282.8 | 1279.3 | 1274.6 | 1276.9 | 1266.4 | 1258.1 | 1237.0 | 1214.8 | 1181.9 | 1135.1 | 1086.9 |
| 45° | 1144.4 | 1143.3 | 1140.9 | 1139.7 | 1132.7 | 1124.5 | 1106.9 | 1081.1 | 1044.8 | 996.7 | 939.2 |
| 47.5° | 1009.6 | 1006.0 | 1006.0 | 1007.2 | 999.0 | 997.8 | 983.8 | 961.5 | 929.8 | 882.9 | 823.1 |
| 50° | 880.6 | 879.4 | 881.8 | 886.5 | 880.6 | 878.2 | 868.9 | 853.6 | 825.5 | 785.6 | 729.3 |
| 52.5° | 764.5 | 763.3 | 765.7 | 771.5 | 769.2 | 771.5 | 762.2 | 750.4 | 731.7 | 693.0 | 643.7 |
| 55° | 650.8 | 650.8 | 650.8 | 657.8 | 657.8 | 657.8 | 653.1 | 646.1 | 628.5 | 600.3 | 554.6 |
| 57.5° | 532.3 | 533.5 | 540.5 | 541.7 | 540.5 | 542.9 | 541.7 | 534.7 | 523.0 | 503.0 | 467.9 |
| 60° | 432.7 | 432.7 | 436.2 | 439.7 | 438.5 | 439.7 | 439.7 | 436.2 | 424.5 | 408.1 | 379.9 |
| 62.5° | 342.4 | 345.9 | 343.5 | 345.9 | 350.6 | 345.9 | 343.5 | 341.2 | 333.0 | 322.4 | 299.0 |
| 65° | 259.1 | 261.5 | 261.5 | 262.6 | 260.3 | 261.5 | 256.8 | 253.3 | 248.6 | 236.9 | 221.6 |
| 67.5° | 197.0 | 197.0 | 197.0 | 197.0 | 195.8 | 194.6 | 193.5 | 190.0 | 181.8 | 177.1 | 160.6 |
| 70° | 151.3 | 144.2 | 144.2 | 144.2 | 144.2 | 145.4 | 141.9 | 137.2 | 134.8 | 126.6 | 114.9 |
| 72.5° | 100.8 | 103.2 | 100.8 | 100.8 | 98.5 | 99.7 | 95.0 | 92.6 | 90.3 | 85.6 | 78.6 |
| 75° | 72.7 | 66.8 | 69.2 | 70.4 | 66.8 | 69.2 | 64.5 | 59.8 | 59.8 | 56.3 | 52.8 |
| 77.5° | 46.9 | 45.8 | 46.9 | 48.1 | 46.9 | 45.8 | 43.4 | 41.0 | 41.0 | 39.9 | 36.3 |
| 80° | 34.0 | 32.8 | 32.8 | 32.8 | 31.7 | 32.8 | 30.5 | 30.5 | 28.1 | 27.0 | 24.6 |
| 82.5° | 22.3 | 22.3 | 21.1 | 22.3 | 21.1 | 22.3 | 18.8 | 18.8 | 18.8 | 17.6 | 15.3 |
| 85° | 15.3 | 12.9 | 12.9 | 14.1 | 11.7 | 14.1 | 12.9 | 11.7 | 10.6 | 10.6 | 9.4 |
| 87.5° | 7.0 | 8.2 | 7.0 | 8.2 | 7.0 | 7.0 | 8.2 | 7.0 | 7.0 | 4.7 | 4.7 |
| 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: P245897

CATALOG NUMBER: LD8B50D010 ER8B50830 8LBSW0B

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2401.4 | 2401.4 | 2401.4 | 2401.4 | 2401.4 | 2401.4 | 2401.4 | 2401.4 | 2401.4 | 2401.4 | 2401.4 |
| 2.5° | 2389.7 | 2390.8 | 2390.8 | 2395.5 | 2397.9 | 2399.0 | 2399.0 | 2408.4 | 2404.9 | 2407.3 | 2409.6 |
| 5° | 2355.7 | 2362.7 | 2365.0 | 2365.0 | 2377.9 | 2382.6 | 2387.3 | 2397.9 | 2399.0 | 2406.1 | 2414.3 |
| 7.5° | 2322.8 | 2331.0 | 2335.8 | 2346.3 | 2354.5 | 2362.7 | 2376.8 | 2383.8 | 2390.8 | 2400.2 | 2410.8 |
| 10° | 2291.2 | 2300.6 | 2309.9 | 2318.1 | 2331.0 | 2341.6 | 2351.0 | 2367.4 | 2375.6 | 2388.5 | 2402.5 |
| 12.5° | 2260.7 | 2273.6 | 2281.8 | 2295.8 | 2309.9 | 2319.3 | 2333.4 | 2348.6 | 2361.5 | 2374.4 | 2390.8 |
| 15° | 2233.7 | 2249.0 | 2258.3 | 2273.6 | 2288.8 | 2301.7 | 2317.0 | 2335.8 | 2345.1 | 2360.4 | 2375.6 |
| 17.5° | 2204.4 | 2220.8 | 2232.6 | 2246.6 | 2265.4 | 2279.4 | 2292.4 | 2311.1 | 2322.8 | 2339.2 | 2356.8 |
| 20° | 2173.9 | 2190.3 | 2204.4 | 2218.5 | 2237.2 | 2251.3 | 2266.5 | 2285.3 | 2298.2 | 2314.6 | 2328.7 |
| 22.5° | 2137.6 | 2152.8 | 2168.0 | 2184.4 | 2203.2 | 2214.9 | 2232.6 | 2249.0 | 2263.0 | 2278.3 | 2292.4 |
| 25° | 2090.7 | 2109.4 | 2121.2 | 2136.4 | 2151.6 | 2164.5 | 2183.3 | 2199.7 | 2211.4 | 2225.5 | 2238.4 |
| 27.5° | 2035.6 | 2049.6 | 2059.0 | 2071.9 | 2087.1 | 2098.9 | 2112.9 | 2129.4 | 2141.1 | 2154.0 | 2163.4 |
| 30° | 1941.7 | 1954.7 | 1962.9 | 1972.2 | 1987.5 | 1998.1 | 2009.8 | 2025.0 | 2033.2 | 2042.6 | 2050.8 |
| 32.5° | 1818.6 | 1829.2 | 1833.9 | 1840.9 | 1851.5 | 1862.0 | 1871.4 | 1884.3 | 1887.8 | 1893.7 | 1893.7 |
| 35° | 1640.4 | 1642.7 | 1641.6 | 1643.9 | 1648.6 | 1654.5 | 1662.7 | 1670.9 | 1675.6 | 1675.6 | 1672.1 |
| 37.5° | 1431.7 | 1417.6 | 1402.4 | 1390.7 | 1387.1 | 1384.8 | 1389.5 | 1393.0 | 1397.7 | 1400.0 | 1394.2 |
| 40° | 1214.8 | 1183.1 | 1149.1 | 1118.6 | 1097.5 | 1088.1 | 1084.6 | 1086.9 | 1086.9 | 1095.1 | 1095.1 |
| 42.5° | 1028.3 | 979.1 | 928.7 | 882.9 | 852.4 | 829.0 | 818.4 | 818.4 | 819.6 | 825.5 | 829.0 |
| 45° | 873.6 | 811.4 | 752.8 | 702.4 | 660.1 | 629.6 | 615.6 | 612.1 | 610.9 | 613.2 | 621.4 |
| 47.5° | 755.1 | 690.6 | 629.6 | 567.5 | 523.0 | 492.5 | 479.6 | 474.9 | 470.2 | 474.9 | 476.1 |
| 50° | 662.5 | 595.7 | 531.2 | 469.0 | 422.1 | 395.1 | 378.7 | 371.7 | 370.5 | 370.5 | 372.9 |
| 52.5° | 578.0 | 515.9 | 451.5 | 388.1 | 338.9 | 313.1 | 297.8 | 294.3 | 289.6 | 294.3 | 294.3 |
| 55° | 498.3 | 436.2 | 372.9 | 313.1 | 272.0 | 245.1 | 231.0 | 226.3 | 223.9 | 227.5 | 227.5 |
| 57.5° | 411.6 | 358.8 | 300.2 | 246.2 | 205.2 | 186.4 | 175.9 | 170.0 | 168.8 | 171.2 | 168.8 |
| 60° | 337.7 | 293.2 | 242.7 | 193.5 | 161.8 | 141.9 | 133.7 | 131.3 | 129.0 | 131.3 | 131.3 |
| 62.5° | 267.3 | 229.8 | 188.8 | 151.3 | 124.3 | 110.2 | 100.8 | 100.8 | 99.7 | 99.7 | 100.8 |
| 65° | 198.2 | 168.8 | 139.5 | 107.9 | 86.8 | 76.2 | 69.2 | 69.2 | 68.0 | 69.2 | 68.0 |
| 67.5° | 144.2 | 124.3 | 100.8 | 78.6 | 62.2 | 56.3 | 51.6 | 48.1 | 50.4 | 48.1 | 46.9 |
| 70° | 105.6 | 89.1 | 72.7 | 59.8 | 48.1 | 42.2 | 38.7 | 37.5 | 35.2 | 35.2 | 35.2 |
| 72.5° | 70.4 | 59.8 | 49.2 | 38.7 | 31.7 | 25.8 | 24.6 | 22.3 | 19.9 | 21.1 | 23.5 |
| 75° | 46.9 | 39.9 | 35.2 | 28.1 | 21.1 | 21.1 | 14.1 | 14.1 | 11.7 | 14.1 | 10.6 |
| 77.5° | 32.8 | 27.0 | 21.1 | 17.6 | 14.1 | 12.9 | 9.4 | 9.4 | 8.2 | 8.2 | 8.2 |
| 80° | 23.5 | 19.9 | 15.3 | 12.9 | 9.4 | 9.4 | 8.2 | 7.0 | 5.8 | 5.8 | 7.0 |
| 82.5° | 14.1 | 10.6 | 10.6 | 9.4 | 5.8 | 4.7 | 3.5 | 4.7 | 2.4 | 2.4 | 2.4 |
| 85° | 8.2 | 7.0 | 5.8 | 3.5 | 2.4 | 2.4 | 1.2 | 0.0 | 1.2 | 1.2 | 0.0 |
| 87.5° | 4.7 | 2.4 | 2.4 | 1.2 | 0.0 | 1.2 | 1.2 | 0.0 | 0.0 | 0.0 | 2.4 |
| 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: LD8B50D010 ER8B50830 8LBSW0B

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2401.4 | 2401.4 | 2401.4 | 2401.4 | 2401.4 | 2401.4 | 2401.4 | 2401.4 | 2401.4 | 2401.4 | 2401.4 |
| 2.5° | 2415.5 | 2414.3 | 2416.6 | 2416.6 | 2423.7 | 2422.5 | 2426.0 | 2426.0 | 2423.7 | 2424.8 | 2429.5 |
| 5° | 2423.7 | 2427.2 | 2434.2 | 2440.1 | 2450.6 | 2455.3 | 2461.2 | 2467.1 | 2468.2 | 2471.8 | 2475.3 |
| 7.5° | 2423.7 | 2435.4 | 2443.6 | 2454.1 | 2468.2 | 2476.4 | 2489.3 | 2499.9 | 2504.6 | 2510.4 | 2517.5 |
| 10° | 2419.0 | 2430.7 | 2445.9 | 2457.7 | 2475.3 | 2488.2 | 2501.1 | 2517.5 | 2524.5 | 2533.9 | 2543.3 |
| 12.5° | 2409.6 | 2422.5 | 2438.9 | 2454.1 | 2474.1 | 2485.8 | 2502.2 | 2517.5 | 2528.0 | 2540.9 | 2551.5 |
| 15° | 2395.5 | 2410.8 | 2426.0 | 2441.3 | 2462.3 | 2476.4 | 2491.7 | 2509.3 | 2519.8 | 2533.9 | 2543.3 |
| 17.5° | 2373.3 | 2389.7 | 2403.8 | 2417.8 | 2437.7 | 2454.1 | 2468.2 | 2484.6 | 2495.2 | 2506.9 | 2519.8 |
| 20° | 2346.3 | 2361.5 | 2376.8 | 2388.5 | 2408.4 | 2422.5 | 2437.7 | 2453.0 | 2461.2 | 2463.6 | 2483.5 |
| 22.5° | 2312.3 | 2322.8 | 2334.5 | 2353.3 | 2365.0 | 2377.9 | 2392.0 | 2406.1 | 2414.3 | 2427.2 | 2434.2 |
| 25° | 2256.0 | 2266.5 | 2279.4 | 2287.6 | 2301.7 | 2312.3 | 2326.3 | 2341.6 | 2346.3 | 2355.7 | 2362.7 |
| 27.5° | 2177.4 | 2183.3 | 2189.2 | 2196.2 | 2204.4 | 2210.3 | 2218.5 | 2225.5 | 2230.2 | 2234.9 | 2239.6 |
| 30° | 2053.1 | 2053.1 | 2053.1 | 2048.4 | 2052.0 | 2055.5 | 2056.6 | 2055.5 | 2055.5 | 2054.3 | 2054.3 |
| 32.5° | 1889.0 | 1879.6 | 1869.0 | 1859.7 | 1856.2 | 1851.5 | 1849.1 | 1845.6 | 1839.7 | 1836.2 | 1837.4 |
| 35° | 1667.4 | 1646.3 | 1633.4 | 1621.6 | 1612.3 | 1605.2 | 1601.7 | 1598.2 | 1597.0 | 1592.4 | 1587.6 |
| 37.5° | 1390.7 | 1375.4 | 1366.0 | 1359.0 | 1350.8 | 1343.7 | 1344.9 | 1346.1 | 1349.6 | 1347.3 | 1348.4 |
| 40° | 1097.5 | 1094.0 | 1097.5 | 1089.3 | 1086.9 | 1089.3 | 1095.1 | 1103.4 | 1108.1 | 1112.8 | 1121.0 |
| 42.5° | 834.9 | 840.7 | 849.0 | 849.0 | 852.4 | 857.2 | 864.2 | 877.1 | 884.1 | 892.3 | 901.7 |
| 45° | 628.5 | 635.5 | 646.1 | 649.6 | 651.9 | 657.8 | 666.0 | 676.6 | 681.2 | 688.3 | 696.5 |
| 47.5° | 484.3 | 489.0 | 494.8 | 500.7 | 506.5 | 508.9 | 517.1 | 517.1 | 523.0 | 527.7 | 530.0 |
| 50° | 377.6 | 382.2 | 386.9 | 390.5 | 392.8 | 396.3 | 398.7 | 402.2 | 403.3 | 405.7 | 406.9 |
| 52.5° | 295.5 | 301.4 | 301.4 | 303.7 | 307.2 | 310.7 | 309.6 | 310.7 | 311.9 | 311.9 | 315.4 |
| 55° | 231.0 | 231.0 | 234.5 | 234.5 | 236.9 | 235.7 | 236.9 | 236.9 | 236.9 | 236.9 | 238.0 |
| 57.5° | 172.3 | 173.6 | 177.1 | 174.7 | 173.6 | 175.9 | 173.6 | 175.9 | 174.7 | 177.1 | 173.6 |
| 60° | 132.5 | 132.5 | 133.7 | 133.7 | 134.8 | 134.8 | 134.8 | 133.7 | 133.7 | 132.5 | 132.5 |
| 62.5° | 99.7 | 100.8 | 102.0 | 100.8 | 100.8 | 100.8 | 99.7 | 99.7 | 98.5 | 97.3 | 97.3 |
| 65° | 66.8 | 65.7 | 68.0 | 65.7 | 66.8 | 66.8 | 65.7 | 66.8 | 63.3 | 64.5 | 63.3 |
| 67.5° | 48.1 | 46.9 | 45.8 | 46.9 | 45.8 | 44.5 | 44.5 | 45.8 | 46.9 | 43.4 | 43.4 |
| 70° | 31.7 | 32.8 | 31.7 | 32.8 | 34.0 | 34.0 | 32.8 | 31.7 | 32.8 | 30.5 | 31.7 |
| 72.5° | 19.9 | 19.9 | 19.9 | 19.9 | 19.9 | 21.1 | 21.1 | 21.1 | 18.8 | 18.8 | 17.6 |
| 75° | 9.4 | 12.9 | 10.6 | 9.4 | 12.9 | 12.9 | 11.7 | 11.7 | 10.6 | 10.6 | 10.6 |
| 77.5° | 9.4 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 5.8 | 7.0 | 5.8 |
| 80° | 4.7 | 4.7 | 4.7 | 3.5 | 4.7 | 4.7 | 5.8 | 4.7 | 4.7 | 3.5 | 5.8 |
| 82.5° | 2.4 | 2.4 | 2.4 | 0.0 | 1.2 | 2.4 | 2.4 | 1.2 | 2.4 | 2.4 | 1.2 |
| 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: P245897

CATALOG NUMBER: LD8B50D010 ER8B50830 8LBSW0B

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2401.4 | 2401.4 | 2401.4 | 2401.4 | 2401.4 | 2401.4 | 2401.4 | 2401.4 | 2401.4 | 2401.4 | 2401.4 |
| 2.5° | 2428.4 | 2427.2 | 2428.4 | 2429.5 | 2428.4 | 2427.2 | 2428.4 | 2429.5 | 2424.8 | 2423.7 | 2426.0 |
| 5° | 2480.0 | 2480.0 | 2482.3 | 2483.5 | 2482.3 | 2480.0 | 2480.0 | 2475.3 | 2471.8 | 2468.2 | 2467.1 |
| 7.5° | 2524.5 | 2526.9 | 2529.2 | 2530.3 | 2529.2 | 2526.9 | 2524.5 | 2517.5 | 2510.4 | 2504.6 | 2499.9 |
| 10° | 2551.5 | 2555.0 | 2559.7 | 2562.0 | 2559.7 | 2555.0 | 2551.5 | 2543.3 | 2533.9 | 2524.5 | 2517.5 |
| 12.5° | 2563.2 | 2566.7 | 2572.6 | 2571.4 | 2572.6 | 2566.7 | 2563.2 | 2551.5 | 2540.9 | 2528.0 | 2517.5 |
| 15° | 2555.0 | 2559.7 | 2565.5 | 2567.9 | 2565.5 | 2559.7 | 2555.0 | 2543.3 | 2533.9 | 2519.8 | 2509.3 |
| 17.5° | 2529.2 | 2536.2 | 2539.8 | 2543.3 | 2539.8 | 2536.2 | 2529.2 | 2519.8 | 2506.9 | 2495.2 | 2484.6 |
| 20° | 2494.0 | 2498.7 | 2503.4 | 2504.6 | 2503.4 | 2498.7 | 2494.0 | 2483.5 | 2463.6 | 2461.2 | 2453.0 |
| 22.5° | 2443.6 | 2447.1 | 2457.7 | 2454.1 | 2457.7 | 2447.1 | 2443.6 | 2434.2 | 2427.2 | 2414.3 | 2406.1 |
| 25° | 2370.9 | 2374.4 | 2375.6 | 2376.8 | 2375.6 | 2374.4 | 2370.9 | 2362.7 | 2355.7 | 2346.3 | 2341.6 |
| 27.5° | 2245.4 | 2245.4 | 2247.8 | 2249.0 | 2247.8 | 2245.4 | 2245.4 | 2239.6 | 2234.9 | 2230.2 | 2225.5 |
| 30° | 2055.5 | 2055.5 | 2055.5 | 2061.4 | 2055.5 | 2055.5 | 2055.5 | 2054.3 | 2054.3 | 2055.5 | 2055.5 |
| 32.5° | 1836.2 | 1833.9 | 1831.5 | 1833.9 | 1831.5 | 1833.9 | 1836.2 | 1837.4 | 1836.2 | 1839.7 | 1845.6 |
| 35° | 1587.6 | 1586.5 | 1590.0 | 1585.3 | 1590.0 | 1586.5 | 1587.6 | 1587.6 | 1592.4 | 1597.0 | 1598.2 |
| 37.5° | 1349.6 | 1347.3 | 1352.0 | 1347.3 | 1352.0 | 1347.3 | 1349.6 | 1348.4 | 1347.3 | 1349.6 | 1346.1 |
| 40° | 1123.3 | 1125.6 | 1125.6 | 1135.1 | 1125.6 | 1125.6 | 1123.3 | 1121.0 | 1112.8 | 1108.1 | 1103.4 |
| 42.5° | 906.4 | 913.4 | 911.1 | 918.1 | 911.1 | 913.4 | 906.4 | 901.7 | 892.3 | 884.1 | 877.1 |
| 45° | 701.2 | 705.9 | 705.9 | 708.2 | 705.9 | 705.9 | 701.2 | 696.5 | 688.3 | 681.2 | 676.6 |
| 47.5° | 538.2 | 538.2 | 538.2 | 539.4 | 538.2 | 538.2 | 538.2 | 530.0 | 527.7 | 523.0 | 517.1 |
| 50° | 409.2 | 410.4 | 411.6 | 412.7 | 411.6 | 410.4 | 409.2 | 406.9 | 405.7 | 403.3 | 402.2 |
| 52.5° | 314.2 | 315.4 | 313.1 | 315.4 | 313.1 | 315.4 | 314.2 | 315.4 | 311.9 | 311.9 | 310.7 |
| 55° | 238.0 | 236.9 | 238.0 | 239.2 | 238.0 | 236.9 | 238.0 | 238.0 | 236.9 | 236.9 | 236.9 |
| 57.5° | 174.7 | 172.3 | 172.3 | 172.3 | 172.3 | 172.3 | 174.7 | 173.6 | 177.1 | 174.7 | 175.9 |
| 60° | 130.2 | 131.3 | 131.3 | 132.5 | 131.3 | 131.3 | 130.2 | 132.5 | 132.5 | 133.7 | 133.7 |
| 62.5° | 96.1 | 99.7 | 97.3 | 99.7 | 97.3 | 99.7 | 96.1 | 97.3 | 97.3 | 98.5 | 99.7 |
| 65° | 62.2 | 62.2 | 62.2 | 63.3 | 62.2 | 62.2 | 62.2 | 63.3 | 64.5 | 63.3 | 66.8 |
| 67.5° | 42.2 | 43.4 | 45.8 | 44.5 | 45.8 | 43.4 | 42.2 | 43.4 | 43.4 | 46.9 | 45.8 |
| 70° | 34.0 | 30.5 | 30.5 | 34.0 | 30.5 | 30.5 | 34.0 | 31.7 | 30.5 | 32.8 | 31.7 |
| 72.5° | 19.9 | 17.6 | 19.9 | 19.9 | 19.9 | 17.6 | 19.9 | 17.6 | 18.8 | 18.8 | 21.1 |
| 75° | 10.6 | 9.4 | 8.2 | 11.7 | 8.2 | 9.4 | 10.6 | 10.6 | 10.6 | 10.6 | 11.7 |
| 77.5° | 7.0 | 5.8 | 8.2 | 8.2 | 8.2 | 5.8 | 7.0 | 5.8 | 7.0 | 5.8 | 7.0 |
| 80° | 3.5 | 4.7 | 3.5 | 5.8 | 3.5 | 4.7 | 3.5 | 5.8 | 3.5 | 4.7 | 4.7 |
| 82.5° | 1.2 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 1.2 | 1.2 | 2.4 | 2.4 | 1.2 |
| 85° | 0.0 | 2.4 | 1.2 | 1.2 | 1.2 | 2.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 1.2 | 0.0 | 0.0 | 1.2 | 0.0 | 0.0 | 1.2 | 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: P245897

CATALOG NUMBER: LD8B50D010 ER8B50830 8LBSW0B

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2401.4 | 2401.4 | 2401.4 | 2401.4 | 2401.4 | 2401.4 | 2401.4 | 2401.4 | 2401.4 | 2401.4 | 2401.4 |
| 2.5° | 2426.0 | 2422.5 | 2423.7 | 2416.6 | 2416.6 | 2414.3 | 2415.5 | 2409.6 | 2407.3 | 2404.9 | 2408.4 |
| 5° | 2461.2 | 2455.3 | 2450.6 | 2440.1 | 2434.2 | 2427.2 | 2423.7 | 2414.3 | 2406.1 | 2399.0 | 2397.9 |
| 7.5° | 2489.3 | 2476.4 | 2468.2 | 2454.1 | 2443.6 | 2435.4 | 2423.7 | 2410.8 | 2400.2 | 2390.8 | 2383.8 |
| 10° | 2501.1 | 2488.2 | 2475.3 | 2457.7 | 2445.9 | 2430.7 | 2419.0 | 2402.5 | 2388.5 | 2375.6 | 2367.4 |
| 12.5° | 2502.2 | 2485.8 | 2474.1 | 2454.1 | 2438.9 | 2422.5 | 2409.6 | 2390.8 | 2374.4 | 2361.5 | 2348.6 |
| 15° | 2491.7 | 2476.4 | 2462.3 | 2441.3 | 2426.0 | 2410.8 | 2395.5 | 2375.6 | 2360.4 | 2345.1 | 2335.8 |
| 17.5° | 2468.2 | 2454.1 | 2437.7 | 2417.8 | 2403.8 | 2389.7 | 2373.3 | 2356.8 | 2339.2 | 2322.8 | 2311.1 |
| 20° | 2437.7 | 2422.5 | 2408.4 | 2388.5 | 2376.8 | 2361.5 | 2346.3 | 2328.7 | 2314.6 | 2298.2 | 2285.3 |
| 22.5° | 2392.0 | 2377.9 | 2365.0 | 2353.3 | 2334.5 | 2322.8 | 2312.3 | 2292.4 | 2278.3 | 2263.0 | 2249.0 |
| 25° | 2326.3 | 2312.3 | 2301.7 | 2287.6 | 2279.4 | 2266.5 | 2256.0 | 2238.4 | 2225.5 | 2211.4 | 2199.7 |
| 27.5° | 2218.5 | 2210.3 | 2204.4 | 2196.2 | 2189.2 | 2183.3 | 2177.4 | 2163.4 | 2154.0 | 2141.1 | 2129.4 |
| 30° | 2056.6 | 2055.5 | 2052.0 | 2048.4 | 2053.1 | 2053.1 | 2053.1 | 2050.8 | 2042.6 | 2033.2 | 2025.0 |
| 32.5° | 1849.1 | 1851.5 | 1856.2 | 1859.7 | 1869.0 | 1879.6 | 1889.0 | 1893.7 | 1893.7 | 1887.8 | 1884.3 |
| 35° | 1601.7 | 1605.2 | 1612.3 | 1621.6 | 1633.4 | 1646.3 | 1667.4 | 1672.1 | 1675.6 | 1675.6 | 1670.9 |
| 37.5° | 1344.9 | 1343.7 | 1350.8 | 1359.0 | 1366.0 | 1375.4 | 1390.7 | 1394.2 | 1400.0 | 1397.7 | 1393.0 |
| 40° | 1095.1 | 1089.3 | 1086.9 | 1089.3 | 1097.5 | 1094.0 | 1097.5 | 1095.1 | 1095.1 | 1086.9 | 1086.9 |
| 42.5° | 864.2 | 857.2 | 852.4 | 849.0 | 849.0 | 840.7 | 834.9 | 829.0 | 825.5 | 819.6 | 818.4 |
| 45° | 666.0 | 657.8 | 651.9 | 649.6 | 646.1 | 635.5 | 628.5 | 621.4 | 613.2 | 610.9 | 612.1 |
| 47.5° | 517.1 | 508.9 | 506.5 | 500.7 | 494.8 | 489.0 | 484.3 | 476.1 | 474.9 | 470.2 | 474.9 |
| 50° | 398.7 | 396.3 | 392.8 | 390.5 | 386.9 | 382.2 | 377.6 | 372.9 | 370.5 | 370.5 | 371.7 |
| 52.5° | 309.6 | 310.7 | 307.2 | 303.7 | 301.4 | 301.4 | 295.5 | 294.3 | 294.3 | 289.6 | 294.3 |
| 55° | 236.9 | 235.7 | 236.9 | 234.5 | 234.5 | 231.0 | 231.0 | 227.5 | 227.5 | 223.9 | 226.3 |
| 57.5° | 173.6 | 175.9 | 173.6 | 174.7 | 177.1 | 173.6 | 172.3 | 168.8 | 171.2 | 168.8 | 170.0 |
| 60° | 134.8 | 134.8 | 134.8 | 133.7 | 133.7 | 132.5 | 132.5 | 131.3 | 131.3 | 129.0 | 131.3 |
| 62.5° | 99.7 | 100.8 | 100.8 | 100.8 | 102.0 | 100.8 | 99.7 | 100.8 | 99.7 | 99.7 | 100.8 |
| 65° | 65.7 | 66.8 | 66.8 | 65.7 | 68.0 | 65.7 | 66.8 | 68.0 | 69.2 | 68.0 | 69.2 |
| 67.5° | 44.5 | 44.5 | 45.8 | 46.9 | 45.8 | 46.9 | 48.1 | 46.9 | 48.1 | 50.4 | 48.1 |
| 70° | 32.8 | 34.0 | 34.0 | 32.8 | 31.7 | 32.8 | 31.7 | 35.2 | 35.2 | 35.2 | 37.5 |
| 72.5° | 21.1 | 21.1 | 19.9 | 19.9 | 19.9 | 19.9 | 19.9 | 23.5 | 21.1 | 19.9 | 22.3 |
| 75° | 11.7 | 12.9 | 12.9 | 9.4 | 10.6 | 12.9 | 9.4 | 10.6 | 14.1 | 11.7 | 14.1 |
| 77.5° | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 9.4 | 8.2 | 8.2 | 8.2 | 9.4 |
| 80° | 5.8 | 4.7 | 4.7 | 3.5 | 4.7 | 4.7 | 4.7 | 7.0 | 5.8 | 5.8 | 7.0 |
| 82.5° | 2.4 | 2.4 | 1.2 | 0.0 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 4.7 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.2 | 1.2 | 0.0 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.4 | 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: P245897

CATALOG NUMBER: LD8B50D010 ER8B50830 8LBSW0B

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2401.4 | 2401.4 | 2401.4 | 2401.4 | 2401.4 | 2401.4 | 2401.4 | 2401.4 | 2401.4 | 2401.4 | 2401.4 |
| 2.5° | 2399.0 | 2399.0 | 2397.9 | 2395.5 | 2390.8 | 2390.8 | 2389.7 | 2386.1 | 2383.8 | 2382.6 | 2382.6 |
| 5° | 2387.3 | 2382.6 | 2377.9 | 2365.0 | 2365.0 | 2362.7 | 2355.7 | 2351.0 | 2348.6 | 2342.7 | 2340.4 |
| 7.5° | 2376.8 | 2362.7 | 2354.5 | 2346.3 | 2335.8 | 2331.0 | 2322.8 | 2319.3 | 2311.1 | 2305.2 | 2301.7 |
| 10° | 2351.0 | 2341.6 | 2331.0 | 2318.1 | 2309.9 | 2300.6 | 2291.2 | 2284.2 | 2273.6 | 2267.7 | 2263.0 |
| 12.5° | 2333.4 | 2319.3 | 2309.9 | 2295.8 | 2281.8 | 2273.6 | 2260.7 | 2252.5 | 2241.9 | 2230.2 | 2223.2 |
| 15° | 2317.0 | 2301.7 | 2288.8 | 2273.6 | 2258.3 | 2249.0 | 2233.7 | 2224.4 | 2209.1 | 2197.4 | 2189.2 |
| 17.5° | 2292.4 | 2279.4 | 2265.4 | 2246.6 | 2232.6 | 2220.8 | 2204.4 | 2192.7 | 2178.6 | 2163.4 | 2155.1 |
| 20° | 2266.5 | 2251.3 | 2237.2 | 2218.5 | 2204.4 | 2190.3 | 2173.9 | 2161.0 | 2144.6 | 2130.5 | 2121.2 |
| 22.5° | 2232.6 | 2214.9 | 2203.2 | 2184.4 | 2168.0 | 2152.8 | 2137.6 | 2122.3 | 2107.1 | 2095.4 | 2084.8 |
| 25° | 2183.3 | 2164.5 | 2151.6 | 2136.4 | 2121.2 | 2109.4 | 2090.7 | 2081.3 | 2066.1 | 2055.5 | 2044.9 |
| 27.5° | 2112.9 | 2098.9 | 2087.1 | 2071.9 | 2059.0 | 2049.6 | 2035.6 | 2026.2 | 2013.3 | 2003.9 | 1995.7 |
| 30° | 2009.8 | 1998.1 | 1987.5 | 1972.2 | 1962.9 | 1954.7 | 1941.7 | 1933.5 | 1924.2 | 1913.6 | 1911.3 |
| 32.5° | 1871.4 | 1862.0 | 1851.5 | 1840.9 | 1833.9 | 1829.2 | 1818.6 | 1813.9 | 1804.6 | 1798.7 | 1792.8 |
| 35° | 1662.7 | 1654.5 | 1648.6 | 1643.9 | 1641.6 | 1642.7 | 1640.4 | 1645.1 | 1647.4 | 1646.3 | 1647.4 |
| 37.5° | 1389.5 | 1384.8 | 1387.1 | 1390.7 | 1402.4 | 1417.6 | 1431.7 | 1452.8 | 1466.9 | 1481.0 | 1493.8 |
| 40° | 1084.6 | 1088.1 | 1097.5 | 1118.6 | 1149.1 | 1183.1 | 1214.8 | 1254.7 | 1294.5 | 1322.7 | 1348.4 |
| 42.5° | 818.4 | 829.0 | 852.4 | 882.9 | 928.7 | 979.1 | 1028.3 | 1086.9 | 1135.1 | 1181.9 | 1214.8 |
| 45° | 615.6 | 629.6 | 660.1 | 702.4 | 752.8 | 811.4 | 873.6 | 939.2 | 996.7 | 1044.8 | 1081.1 |
| 47.5° | 479.6 | 492.5 | 523.0 | 567.5 | 629.6 | 690.6 | 755.1 | 823.1 | 882.9 | 929.8 | 961.5 |
| 50° | 378.7 | 395.1 | 422.1 | 469.0 | 531.2 | 595.7 | 662.5 | 729.3 | 785.6 | 825.5 | 853.6 |
| 52.5° | 297.8 | 313.1 | 338.9 | 388.1 | 451.5 | 515.9 | 578.0 | 643.7 | 693.0 | 731.7 | 750.4 |
| 55° | 231.0 | 245.1 | 272.0 | 313.1 | 372.9 | 436.2 | 498.3 | 554.6 | 600.3 | 628.5 | 646.1 |
| 57.5° | 175.9 | 186.4 | 205.2 | 246.2 | 300.2 | 358.8 | 411.6 | 467.9 | 503.0 | 523.0 | 534.7 |
| 60° | 133.7 | 141.9 | 161.8 | 193.5 | 242.7 | 293.2 | 337.7 | 379.9 | 408.1 | 424.5 | 436.2 |
| 62.5° | 100.8 | 110.2 | 124.3 | 151.3 | 188.8 | 229.8 | 267.3 | 299.0 | 322.4 | 333.0 | 341.2 |
| 65° | 69.2 | 76.2 | 86.8 | 107.9 | 139.5 | 168.8 | 198.2 | 221.6 | 236.9 | 248.6 | 253.3 |
| 67.5° | 51.6 | 56.3 | 62.2 | 78.6 | 100.8 | 124.3 | 144.2 | 160.6 | 177.1 | 181.8 | 190.0 |
| 70° | 38.7 | 42.2 | 48.1 | 59.8 | 72.7 | 89.1 | 105.6 | 114.9 | 126.6 | 134.8 | 137.2 |
| 72.5° | 24.6 | 25.8 | 31.7 | 38.7 | 49.2 | 59.8 | 70.4 | 78.6 | 85.6 | 90.3 | 92.6 |
| 75° | 14.1 | 21.1 | 21.1 | 28.1 | 35.2 | 39.9 | 46.9 | 52.8 | 56.3 | 59.8 | 59.8 |
| 77.5° | 9.4 | 12.9 | 14.1 | 17.6 | 21.1 | 27.0 | 32.8 | 36.3 | 39.9 | 41.0 | 41.0 |
| 80° | 8.2 | 9.4 | 9.4 | 12.9 | 15.3 | 19.9 | 23.5 | 24.6 | 27.0 | 28.1 | 30.5 |
| 82.5° | 3.5 | 4.7 | 5.8 | 9.4 | 10.6 | 10.6 | 14.1 | 15.3 | 17.6 | 18.8 | 18.8 |
| 85° | 1.2 | 2.4 | 2.4 | 3.5 | 5.8 | 7.0 | 8.2 | 9.4 | 10.6 | 10.6 | 11.7 |
| 87.5° | 1.2 | 1.2 | 0.0 | 1.2 | 2.4 | 2.4 | 4.7 | 4.7 | 4.7 | 7.0 | 7.0 |
| 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: P245897

CATALOG NUMBER: LD8B50D010 ER8B50830 8LBSW0B

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|-------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2401.4 | 2401.4 | 2401.4 | 2401.4 | 2401.4 | 2401.4 | 2401.4 |
| 2.5° | 2380.3 | 2381.5 | 2376.8 | 2375.6 | 2373.3 | 2374.4 | 2376.8 |
| 5° | 2336.9 | 2338.1 | 2333.4 | 2328.7 | 2328.7 | 2327.5 | 2328.7 |
| 7.5° | 2295.8 | 2297.0 | 2290.0 | 2287.6 | 2283.0 | 2284.2 | 2284.2 |
| 10° | 2254.8 | 2254.8 | 2244.3 | 2243.1 | 2239.6 | 2238.4 | 2238.4 |
| 12.5° | 2214.9 | 2211.4 | 2203.2 | 2198.5 | 2200.9 | 2193.9 | 2193.9 |
| 15° | 2179.8 | 2173.9 | 2163.4 | 2159.8 | 2154.0 | 2151.6 | 2151.6 |
| 17.5° | 2143.4 | 2138.7 | 2129.4 | 2122.3 | 2115.3 | 2114.1 | 2115.3 |
| 20° | 2108.2 | 2103.6 | 2091.8 | 2087.1 | 2081.3 | 2081.3 | 2078.9 |
| 22.5° | 2073.1 | 2068.4 | 2057.9 | 2054.3 | 2046.1 | 2046.1 | 2047.3 |
| 25° | 2036.7 | 2033.2 | 2021.5 | 2019.1 | 2018.0 | 2013.3 | 2015.6 |
| 27.5° | 1987.5 | 1985.1 | 1975.8 | 1972.2 | 1967.5 | 1966.4 | 1968.7 |
| 30° | 1897.2 | 1893.7 | 1886.7 | 1883.1 | 1874.9 | 1876.1 | 1878.4 |
| 32.5° | 1784.6 | 1780.0 | 1770.5 | 1767.0 | 1760.0 | 1757.7 | 1758.8 |
| 35° | 1643.9 | 1640.4 | 1632.2 | 1632.2 | 1625.2 | 1622.8 | 1625.2 |
| 37.5° | 1500.9 | 1504.4 | 1500.9 | 1504.4 | 1500.9 | 1499.7 | 1500.9 |
| 40° | 1366.0 | 1378.9 | 1381.2 | 1394.2 | 1389.5 | 1396.5 | 1395.3 |
| 42.5° | 1237.0 | 1258.1 | 1266.4 | 1276.9 | 1274.6 | 1279.3 | 1282.8 |
| 45° | 1106.9 | 1124.5 | 1132.7 | 1139.7 | 1140.9 | 1143.3 | 1144.4 |
| 47.5° | 983.8 | 997.8 | 999.0 | 1007.2 | 1006.0 | 1006.0 | 1009.6 |
| 50° | 868.9 | 878.2 | 880.6 | 886.5 | 881.8 | 879.4 | 880.6 |
| 52.5° | 762.2 | 771.5 | 769.2 | 771.5 | 765.7 | 763.3 | 764.5 |
| 55° | 653.1 | 657.8 | 657.8 | 657.8 | 650.8 | 650.8 | 650.8 |
| 57.5° | 541.7 | 542.9 | 540.5 | 541.7 | 540.5 | 533.5 | 532.3 |
| 60° | 439.7 | 439.7 | 438.5 | 439.7 | 436.2 | 432.7 | 432.7 |
| 62.5° | 343.5 | 345.9 | 350.6 | 345.9 | 343.5 | 345.9 | 342.4 |
| 65° | 256.8 | 261.5 | 260.3 | 262.6 | 261.5 | 261.5 | 259.1 |
| 67.5° | 193.5 | 194.6 | 195.8 | 197.0 | 197.0 | 197.0 | 197.0 |
| 70° | 141.9 | 145.4 | 144.2 | 144.2 | 144.2 | 144.2 | 151.3 |
| 72.5° | 95.0 | 99.7 | 98.5 | 100.8 | 100.8 | 103.2 | 100.8 |
| 75° | 64.5 | 69.2 | 66.8 | 70.4 | 69.2 | 66.8 | 72.7 |
| 77.5° | 43.4 | 45.8 | 46.9 | 48.1 | 46.9 | 45.8 | 46.9 |
| 80° | 30.5 | 32.8 | 31.7 | 32.8 | 32.8 | 32.8 | 34.0 |
| 82.5° | 18.8 | 22.3 | 21.1 | 22.3 | 21.1 | 22.3 | 22.3 |
| 85° | 12.9 | 14.1 | 11.7 | 14.1 | 12.9 | 12.9 | 15.3 |
| 87.5° | 8.2 | 7.0 | 7.0 | 8.2 | 7.0 | 8.2 | 7.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)