

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: P244570

Luminaire Tested: **LD8B40D010 ER8B40940 8LBSW0H**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P244570
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: LD8B40D010 ER8B40940 8LBSW0H
Description: PORTFOLIO 8 INCH SINGLE WALL WASH DISTRIBUTION 60 DEGREE CUTOFF
RECESSED DOWNLIGHT
90 CRI 4000 CCT WITH SEMI-SPECULAR CLEAR TRIM
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3920.0 lumens
Efficiency: N/A
Efficacy: 95.8 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

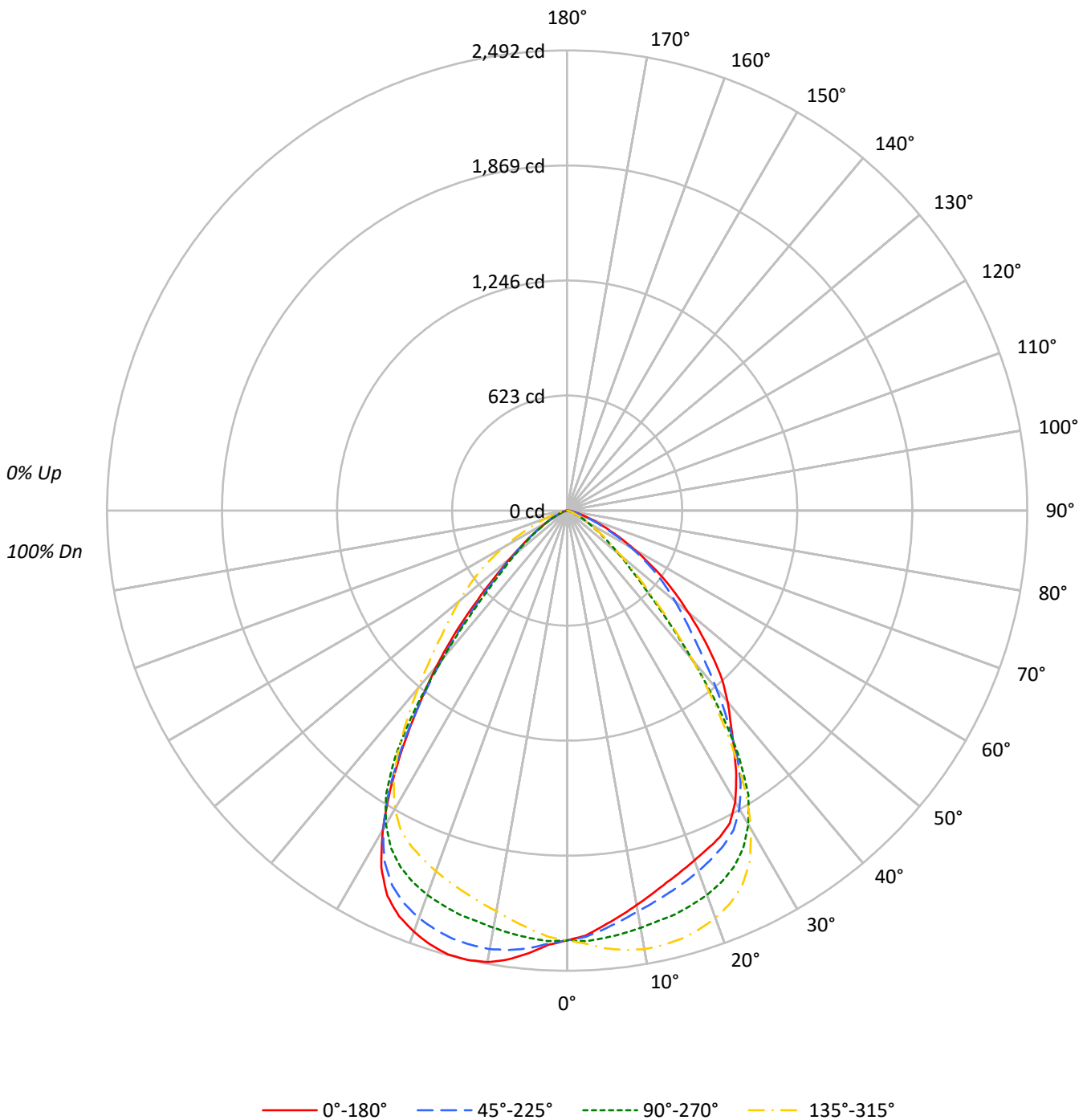
Input Watts (W): 40.9
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P244570

CATALOG NUMBER: LD8B40D010 ER8B40940 8LBSW0H

Luminous Intensity Polar Plot





TEST NUMBER: P244570

CATALOG NUMBER: LD8B40D010 ER8B40940 8LBSW0H

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° | 71762 | 71762 | 71762 | 71762 |
| 5° | 69854 | 71931 | 74497 | 71931 |
| 10° | 67922 | 71836 | 77741 | 71836 |
| 15° | 66565 | 72263 | 79443 | 72263 |
| 20° | 66113 | 72676 | 79649 | 72676 |
| 25° | 66459 | 72529 | 78368 | 72529 |
| 30° | 64818 | 69875 | 71132 | 69875 |
| 35° | 59286 | 60953 | 57833 | 60953 |
| 40° | 54431 | 42399 | 44279 | 42399 |
| 45° | 48367 | 25869 | 29929 | 25869 |
| 50° | 40940 | 17280 | 19189 | 17280 |
| 55° | 33907 | 11790 | 12462 | 11790 |
| 60° | 25859 | 7851 | 7919 | 7851 |
| 65° | 18321 | 4889 | 4480 | 4889 |
| 70° | 13217 | 3273 | 2975 | 3273 |
| 75° | 8388 | 1632 | 1358 | 1632 |
| 80° | 5860 | 1208 | 1012 | 1208 |
| 85° | 5236 | 0 | 389 | 0 |



TEST NUMBER: P244570

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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 221.5 | 5.7 |
| 10°-20° | 641.4 | 16.4 |
| 20°-30° | 971.3 | 24.8 |
| 30°-40° | 973.4 | 24.8 |
| 40°-50° | 611.3 | 15.6 |
| 50°-60° | 325.8 | 8.3 |
| 60°-70° | 134.0 | 3.4 |
| 70°-80° | 35.4 | 0.9 |
| 80°-90° | 6.0 | 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° | 1834.2 | 46.8 |
| 0°-40° | 2807.6 | 71.6 |
| 0°-60° | 3744.7 | 95.5 |
| 0°-90° | 3920.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 3920.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0° | 2327 | 2327 | 2327 | 2327 | 2327 | |
| 5° | 2257 | 2324 | 2407 | 2324 | 2257 | 213 |
| 15° | 2085 | 2264 | 2488 | 2264 | 2085 | 590 |
| 25° | 1953 | 2132 | 2303 | 2132 | 1953 | 896 |
| 35° | 1575 | 1619 | 1536 | 1619 | 1575 | 987 |
| 45° | 1109 | 593 | 686 | 593 | 1109 | 853 |
| 55° | 631 | 219 | 232 | 219 | 631 | 562 |
| 65° | 251 | 67 | 61 | 67 | 251 | 260 |
| 75° | 70 | 14 | 11 | 14 | 70 | 80 |
| 85° | 15 | 0 | 1 | 0 | 15 | 16 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P244570

CATALOG NUMBER: LD8B40D010 ER8B40940 8LBSW0H

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2327.2 | 2327.2 | 2327.2 | 2327.2 | 2327.2 | 2327.2 | 2327.2 | 2327.2 | 2327.2 | 2327.2 | 2327.2 |
| 2.5° | 2303.3 | 2301.0 | 2299.9 | 2302.2 | 2303.3 | 2307.9 | 2306.7 | 2309.0 | 2309.0 | 2310.2 | 2312.4 |
| 5° | 2256.7 | 2255.6 | 2256.7 | 2256.7 | 2261.3 | 2265.8 | 2264.7 | 2268.1 | 2270.4 | 2276.1 | 2278.3 |
| 7.5° | 2213.6 | 2213.6 | 2212.4 | 2216.9 | 2219.2 | 2226.1 | 2224.9 | 2230.6 | 2234.0 | 2239.7 | 2247.6 |
| 10° | 2169.2 | 2169.2 | 2170.4 | 2173.8 | 2174.9 | 2185.1 | 2185.1 | 2193.1 | 2197.6 | 2203.3 | 2213.6 |
| 12.5° | 2126.1 | 2126.1 | 2132.9 | 2130.6 | 2135.1 | 2143.1 | 2146.5 | 2154.5 | 2161.3 | 2172.6 | 2182.9 |
| 15° | 2085.1 | 2085.1 | 2087.4 | 2093.1 | 2096.5 | 2106.7 | 2112.4 | 2121.5 | 2129.5 | 2140.8 | 2155.6 |
| 17.5° | 2049.9 | 2048.8 | 2049.9 | 2056.7 | 2063.6 | 2072.6 | 2077.2 | 2088.5 | 2096.5 | 2111.3 | 2124.9 |
| 20° | 2014.7 | 2017.0 | 2017.0 | 2022.6 | 2027.2 | 2038.6 | 2043.1 | 2055.6 | 2064.7 | 2078.3 | 2094.3 |
| 22.5° | 1984.0 | 1982.9 | 1982.9 | 1990.8 | 1994.3 | 2004.5 | 2009.0 | 2020.4 | 2030.6 | 2042.0 | 2056.7 |
| 25° | 1953.3 | 1951.0 | 1955.6 | 1956.7 | 1959.0 | 1970.4 | 1973.8 | 1981.7 | 1992.0 | 2002.2 | 2017.0 |
| 27.5° | 1907.9 | 1905.6 | 1906.7 | 1911.3 | 1914.7 | 1923.8 | 1926.1 | 1934.0 | 1942.0 | 1951.0 | 1963.6 |
| 30° | 1820.4 | 1818.1 | 1817.0 | 1824.9 | 1828.4 | 1835.1 | 1838.6 | 1852.2 | 1854.5 | 1864.7 | 1873.8 |
| 32.5° | 1704.5 | 1703.3 | 1705.6 | 1712.4 | 1715.8 | 1724.9 | 1729.5 | 1737.4 | 1743.1 | 1748.8 | 1757.9 |
| 35° | 1574.9 | 1572.7 | 1574.9 | 1581.8 | 1581.8 | 1589.7 | 1593.1 | 1596.5 | 1595.4 | 1596.5 | 1594.3 |
| 37.5° | 1454.5 | 1453.3 | 1454.5 | 1457.9 | 1454.5 | 1457.9 | 1454.5 | 1447.7 | 1435.2 | 1421.5 | 1407.9 |
| 40° | 1352.2 | 1353.3 | 1346.6 | 1351.1 | 1338.6 | 1336.3 | 1323.8 | 1306.8 | 1281.8 | 1254.5 | 1215.9 |
| 42.5° | 1243.1 | 1239.7 | 1235.2 | 1237.4 | 1227.2 | 1219.2 | 1198.8 | 1177.2 | 1145.4 | 1100.0 | 1053.3 |
| 45° | 1109.1 | 1107.9 | 1105.6 | 1104.5 | 1097.7 | 1089.7 | 1072.7 | 1047.7 | 1012.5 | 965.9 | 910.2 |
| 47.5° | 978.4 | 975.0 | 975.0 | 976.1 | 968.1 | 967.0 | 953.4 | 931.8 | 901.1 | 855.6 | 797.7 |
| 50° | 853.4 | 852.2 | 854.5 | 859.1 | 853.4 | 851.1 | 842.0 | 827.3 | 800.0 | 761.4 | 706.8 |
| 52.5° | 740.9 | 739.7 | 742.0 | 747.7 | 745.4 | 747.7 | 738.6 | 727.3 | 709.1 | 671.6 | 623.8 |
| 55° | 630.7 | 630.7 | 630.7 | 637.5 | 637.5 | 637.5 | 632.9 | 626.1 | 609.1 | 581.8 | 537.5 |
| 57.5° | 515.9 | 517.0 | 523.8 | 525.0 | 523.8 | 526.1 | 525.0 | 518.1 | 506.8 | 487.5 | 453.4 |
| 60° | 419.3 | 419.3 | 422.7 | 426.1 | 425.0 | 426.1 | 426.1 | 422.7 | 411.4 | 395.5 | 368.2 |
| 62.5° | 331.8 | 335.2 | 332.9 | 335.2 | 339.8 | 335.2 | 332.9 | 330.7 | 322.7 | 312.5 | 289.8 |
| 65° | 251.1 | 253.4 | 253.4 | 254.5 | 252.2 | 253.4 | 248.9 | 245.5 | 240.9 | 229.6 | 214.8 |
| 67.5° | 190.9 | 190.9 | 190.9 | 190.9 | 189.8 | 188.6 | 187.5 | 184.1 | 176.1 | 171.6 | 155.7 |
| 70° | 146.6 | 139.8 | 139.8 | 139.8 | 139.8 | 140.9 | 137.5 | 133.0 | 130.7 | 122.7 | 111.4 |
| 72.5° | 97.7 | 100.0 | 97.7 | 97.7 | 95.5 | 96.6 | 92.0 | 89.8 | 87.5 | 83.0 | 76.1 |
| 75° | 70.4 | 64.8 | 67.0 | 68.2 | 64.8 | 67.0 | 62.5 | 58.0 | 58.0 | 54.5 | 51.1 |
| 77.5° | 45.5 | 44.3 | 45.5 | 46.6 | 45.5 | 44.3 | 42.0 | 39.8 | 39.8 | 38.6 | 35.2 |
| 80° | 33.0 | 31.8 | 31.8 | 31.8 | 30.7 | 31.8 | 29.6 | 29.6 | 27.3 | 26.1 | 23.9 |
| 82.5° | 21.6 | 21.6 | 20.4 | 21.6 | 20.4 | 21.6 | 18.2 | 18.2 | 18.2 | 17.0 | 14.8 |
| 85° | 14.8 | 12.5 | 12.5 | 13.7 | 11.4 | 13.7 | 12.5 | 11.4 | 10.2 | 10.2 | 9.1 |
| 87.5° | 6.8 | 8.0 | 6.8 | 8.0 | 6.8 | 6.8 | 8.0 | 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: P244570

CATALOG NUMBER: LD8B40D010 ER8B40940 8LBSW0H

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2327.2 | 2327.2 | 2327.2 | 2327.2 | 2327.2 | 2327.2 | 2327.2 | 2327.2 | 2327.2 | 2327.2 | 2327.2 |
| 2.5° | 2315.8 | 2316.9 | 2316.9 | 2321.5 | 2323.8 | 2324.9 | 2324.9 | 2334.0 | 2330.6 | 2332.9 | 2335.1 |
| 5° | 2282.9 | 2289.7 | 2292.0 | 2292.0 | 2304.4 | 2309.0 | 2313.5 | 2323.8 | 2324.9 | 2331.7 | 2339.7 |
| 7.5° | 2251.0 | 2259.0 | 2263.6 | 2273.8 | 2281.7 | 2289.7 | 2303.3 | 2310.2 | 2316.9 | 2326.1 | 2336.3 |
| 10° | 2220.4 | 2229.5 | 2238.5 | 2246.5 | 2259.0 | 2269.2 | 2278.3 | 2294.2 | 2302.2 | 2314.7 | 2328.3 |
| 12.5° | 2190.8 | 2203.3 | 2211.3 | 2224.9 | 2238.5 | 2247.6 | 2261.3 | 2276.1 | 2288.5 | 2301.0 | 2316.9 |
| 15° | 2164.7 | 2179.5 | 2188.5 | 2203.3 | 2218.1 | 2230.6 | 2245.4 | 2263.6 | 2272.6 | 2287.4 | 2302.2 |
| 17.5° | 2136.3 | 2152.2 | 2163.6 | 2177.2 | 2195.4 | 2209.0 | 2221.5 | 2239.7 | 2251.0 | 2266.9 | 2284.0 |
| 20° | 2106.7 | 2122.6 | 2136.3 | 2149.9 | 2168.1 | 2181.7 | 2196.5 | 2214.7 | 2227.2 | 2243.1 | 2256.7 |
| 22.5° | 2071.5 | 2086.3 | 2101.0 | 2116.9 | 2135.1 | 2146.5 | 2163.6 | 2179.5 | 2193.1 | 2207.9 | 2221.5 |
| 25° | 2026.1 | 2044.3 | 2055.6 | 2070.4 | 2085.1 | 2097.6 | 2115.8 | 2131.7 | 2143.1 | 2156.7 | 2169.2 |
| 27.5° | 1972.6 | 1986.3 | 1995.4 | 2007.9 | 2022.6 | 2034.0 | 2047.6 | 2063.6 | 2074.9 | 2087.4 | 2096.5 |
| 30° | 1881.7 | 1894.3 | 1902.2 | 1911.3 | 1926.1 | 1936.3 | 1947.7 | 1962.4 | 1970.4 | 1979.5 | 1987.4 |
| 32.5° | 1762.4 | 1772.7 | 1777.2 | 1784.0 | 1794.3 | 1804.5 | 1813.6 | 1826.1 | 1829.5 | 1835.1 | 1835.1 |
| 35° | 1589.7 | 1592.0 | 1590.9 | 1593.1 | 1597.7 | 1603.3 | 1611.3 | 1619.2 | 1623.8 | 1623.8 | 1620.4 |
| 37.5° | 1387.4 | 1373.8 | 1359.0 | 1347.7 | 1344.3 | 1342.0 | 1346.6 | 1349.9 | 1354.5 | 1356.8 | 1351.1 |
| 40° | 1177.2 | 1146.6 | 1113.6 | 1084.0 | 1063.6 | 1054.5 | 1051.1 | 1053.3 | 1053.3 | 1061.3 | 1061.3 |
| 42.5° | 996.6 | 948.8 | 900.0 | 855.6 | 826.1 | 803.4 | 793.2 | 793.2 | 794.3 | 800.0 | 803.4 |
| 45° | 846.6 | 786.3 | 729.5 | 680.7 | 639.7 | 610.2 | 596.6 | 593.2 | 592.0 | 594.3 | 602.2 |
| 47.5° | 731.8 | 669.3 | 610.2 | 550.0 | 506.8 | 477.3 | 464.8 | 460.2 | 455.7 | 460.2 | 461.4 |
| 50° | 642.0 | 577.3 | 514.8 | 454.5 | 409.1 | 382.9 | 367.0 | 360.2 | 359.1 | 359.1 | 361.4 |
| 52.5° | 560.2 | 500.0 | 437.5 | 376.1 | 328.4 | 303.4 | 288.6 | 285.2 | 280.7 | 285.2 | 285.2 |
| 55° | 482.9 | 422.7 | 361.4 | 303.4 | 263.6 | 237.5 | 223.9 | 219.3 | 217.0 | 220.4 | 220.4 |
| 57.5° | 398.9 | 347.7 | 290.9 | 238.6 | 198.9 | 180.7 | 170.4 | 164.8 | 163.6 | 165.9 | 163.6 |
| 60° | 327.3 | 284.1 | 235.2 | 187.5 | 156.8 | 137.5 | 129.6 | 127.3 | 125.0 | 127.3 | 127.3 |
| 62.5° | 259.1 | 222.7 | 182.9 | 146.6 | 120.4 | 106.8 | 97.7 | 97.7 | 96.6 | 96.6 | 97.7 |
| 65° | 192.0 | 163.6 | 135.2 | 104.5 | 84.1 | 73.9 | 67.0 | 67.0 | 65.9 | 67.0 | 65.9 |
| 67.5° | 139.8 | 120.4 | 97.7 | 76.1 | 60.2 | 54.5 | 50.0 | 46.6 | 48.9 | 46.6 | 45.5 |
| 70° | 102.3 | 86.3 | 70.4 | 58.0 | 46.6 | 40.9 | 37.5 | 36.3 | 34.1 | 34.1 | 34.1 |
| 72.5° | 68.2 | 58.0 | 47.7 | 37.5 | 30.7 | 25.0 | 23.9 | 21.6 | 19.3 | 20.4 | 22.7 |
| 75° | 45.5 | 38.6 | 34.1 | 27.3 | 20.4 | 20.4 | 13.7 | 13.7 | 11.4 | 13.7 | 10.2 |
| 77.5° | 31.8 | 26.1 | 20.4 | 17.0 | 13.7 | 12.5 | 9.1 | 9.1 | 8.0 | 8.0 | 8.0 |
| 80° | 22.7 | 19.3 | 14.8 | 12.5 | 9.1 | 9.1 | 8.0 | 6.8 | 5.7 | 5.7 | 6.8 |
| 82.5° | 13.7 | 10.2 | 10.2 | 9.1 | 5.7 | 4.5 | 3.4 | 4.5 | 2.3 | 2.3 | 2.3 |
| 85° | 8.0 | 6.8 | 5.7 | 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: P244570

CATALOG NUMBER: LD8B40D010 ER8B40940 8LBSW0H

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2327.2 | 2327.2 | 2327.2 | 2327.2 | 2327.2 | 2327.2 | 2327.2 | 2327.2 | 2327.2 | 2327.2 | 2327.2 |
| 2.5° | 2340.8 | 2339.7 | 2342.0 | 2342.0 | 2348.8 | 2347.6 | 2351.0 | 2351.0 | 2348.8 | 2349.9 | 2354.4 |
| 5° | 2348.8 | 2352.2 | 2359.0 | 2364.7 | 2374.9 | 2379.5 | 2385.1 | 2390.8 | 2392.0 | 2395.4 | 2398.8 |
| 7.5° | 2348.8 | 2360.2 | 2368.1 | 2378.3 | 2392.0 | 2399.9 | 2412.4 | 2422.6 | 2427.2 | 2432.8 | 2439.7 |
| 10° | 2344.2 | 2355.6 | 2370.4 | 2381.7 | 2398.8 | 2411.3 | 2423.8 | 2439.7 | 2446.5 | 2455.6 | 2464.7 |
| 12.5° | 2335.1 | 2347.6 | 2363.5 | 2378.3 | 2397.6 | 2409.0 | 2424.9 | 2439.7 | 2449.9 | 2462.4 | 2472.6 |
| 15° | 2321.5 | 2336.3 | 2351.0 | 2365.8 | 2386.3 | 2399.9 | 2414.7 | 2431.7 | 2442.0 | 2455.6 | 2464.7 |
| 17.5° | 2299.9 | 2315.8 | 2329.5 | 2343.1 | 2362.4 | 2378.3 | 2392.0 | 2407.9 | 2418.1 | 2429.5 | 2442.0 |
| 20° | 2273.8 | 2288.5 | 2303.3 | 2314.7 | 2334.0 | 2347.6 | 2362.4 | 2377.2 | 2385.1 | 2387.4 | 2406.7 |
| 22.5° | 2240.8 | 2251.0 | 2262.4 | 2280.6 | 2292.0 | 2304.4 | 2318.1 | 2331.7 | 2339.7 | 2352.2 | 2359.0 |
| 25° | 2186.3 | 2196.5 | 2209.0 | 2216.9 | 2230.6 | 2240.8 | 2254.4 | 2269.2 | 2273.8 | 2282.9 | 2289.7 |
| 27.5° | 2110.2 | 2115.8 | 2121.5 | 2128.3 | 2136.3 | 2142.0 | 2149.9 | 2156.7 | 2161.3 | 2165.8 | 2170.4 |
| 30° | 1989.7 | 1989.7 | 1989.7 | 1985.1 | 1988.6 | 1992.0 | 1993.1 | 1992.0 | 1992.0 | 1990.8 | 1990.8 |
| 32.5° | 1830.6 | 1821.5 | 1811.3 | 1802.2 | 1798.8 | 1794.3 | 1792.0 | 1788.6 | 1782.9 | 1779.5 | 1780.6 |
| 35° | 1615.8 | 1595.4 | 1582.9 | 1571.5 | 1562.5 | 1555.6 | 1552.2 | 1548.8 | 1547.7 | 1543.1 | 1538.6 |
| 37.5° | 1347.7 | 1332.9 | 1323.8 | 1317.0 | 1309.1 | 1302.2 | 1303.3 | 1304.5 | 1307.9 | 1305.6 | 1306.8 |
| 40° | 1063.6 | 1060.2 | 1063.6 | 1055.6 | 1053.3 | 1055.6 | 1061.3 | 1069.3 | 1073.8 | 1078.4 | 1086.3 |
| 42.5° | 809.1 | 814.7 | 822.7 | 822.7 | 826.1 | 830.7 | 837.4 | 850.0 | 856.8 | 864.7 | 873.8 |
| 45° | 609.1 | 615.9 | 626.1 | 629.5 | 631.8 | 637.5 | 645.5 | 655.6 | 660.2 | 667.0 | 675.0 |
| 47.5° | 469.3 | 473.8 | 479.5 | 485.2 | 490.9 | 493.2 | 501.1 | 501.1 | 506.8 | 511.4 | 513.6 |
| 50° | 365.9 | 370.4 | 375.0 | 378.4 | 380.7 | 384.1 | 386.3 | 389.7 | 390.9 | 393.2 | 394.3 |
| 52.5° | 286.3 | 292.0 | 292.0 | 294.3 | 297.7 | 301.1 | 300.0 | 301.1 | 302.2 | 302.2 | 305.7 |
| 55° | 223.9 | 223.9 | 227.3 | 227.3 | 229.6 | 228.4 | 229.6 | 229.6 | 229.6 | 229.6 | 230.7 |
| 57.5° | 167.0 | 168.2 | 171.6 | 169.3 | 168.2 | 170.4 | 168.2 | 170.4 | 169.3 | 171.6 | 168.2 |
| 60° | 128.4 | 128.4 | 129.6 | 129.6 | 130.7 | 130.7 | 130.7 | 129.6 | 129.6 | 128.4 | 128.4 |
| 62.5° | 96.6 | 97.7 | 98.9 | 97.7 | 97.7 | 97.7 | 96.6 | 96.6 | 95.5 | 94.3 | 94.3 |
| 65° | 64.8 | 63.7 | 65.9 | 63.7 | 64.8 | 64.8 | 63.7 | 64.8 | 61.4 | 62.5 | 61.4 |
| 67.5° | 46.6 | 45.5 | 44.3 | 45.5 | 44.3 | 43.2 | 43.2 | 44.3 | 45.5 | 42.0 | 42.0 |
| 70° | 30.7 | 31.8 | 30.7 | 31.8 | 33.0 | 33.0 | 31.8 | 30.7 | 31.8 | 29.6 | 30.7 |
| 72.5° | 19.3 | 19.3 | 19.3 | 19.3 | 19.3 | 20.4 | 20.4 | 20.4 | 18.2 | 18.2 | 17.0 |
| 75° | 9.1 | 12.5 | 10.2 | 9.1 | 12.5 | 12.5 | 11.4 | 11.4 | 10.2 | 10.2 | 10.2 |
| 77.5° | 9.1 | 6.8 | 6.8 | 6.8 | 6.8 | 6.8 | 6.8 | 6.8 | 5.7 | 6.8 | 5.7 |
| 80° | 4.5 | 4.5 | 4.5 | 3.4 | 4.5 | 4.5 | 5.7 | 4.5 | 4.5 | 3.4 | 5.7 |
| 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: P244570

CATALOG NUMBER: LD8B40D010 ER8B40940 8LBSW0H

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2327.2 | 2327.2 | 2327.2 | 2327.2 | 2327.2 | 2327.2 | 2327.2 | 2327.2 | 2327.2 | 2327.2 | 2327.2 |
| 2.5° | 2353.3 | 2352.2 | 2353.3 | 2354.4 | 2353.3 | 2352.2 | 2353.3 | 2354.4 | 2349.9 | 2348.8 | 2351.0 |
| 5° | 2403.3 | 2403.3 | 2405.6 | 2406.7 | 2405.6 | 2403.3 | 2403.3 | 2398.8 | 2395.4 | 2392.0 | 2390.8 |
| 7.5° | 2446.5 | 2448.8 | 2451.0 | 2452.2 | 2451.0 | 2448.8 | 2446.5 | 2439.7 | 2432.8 | 2427.2 | 2422.6 |
| 10° | 2472.6 | 2476.1 | 2480.6 | 2482.8 | 2480.6 | 2476.1 | 2472.6 | 2464.7 | 2455.6 | 2446.5 | 2439.7 |
| 12.5° | 2484.0 | 2487.4 | 2493.1 | 2492.0 | 2493.1 | 2487.4 | 2484.0 | 2472.6 | 2462.4 | 2449.9 | 2439.7 |
| 15° | 2476.1 | 2480.6 | 2486.3 | 2488.5 | 2486.3 | 2480.6 | 2476.1 | 2464.7 | 2455.6 | 2442.0 | 2431.7 |
| 17.5° | 2451.0 | 2457.9 | 2461.3 | 2464.7 | 2461.3 | 2457.9 | 2451.0 | 2442.0 | 2429.5 | 2418.1 | 2407.9 |
| 20° | 2416.9 | 2421.5 | 2426.1 | 2427.2 | 2426.1 | 2421.5 | 2416.9 | 2406.7 | 2387.4 | 2385.1 | 2377.2 |
| 22.5° | 2368.1 | 2371.5 | 2381.7 | 2378.3 | 2381.7 | 2371.5 | 2368.1 | 2359.0 | 2352.2 | 2339.7 | 2331.7 |
| 25° | 2297.6 | 2301.0 | 2302.2 | 2303.3 | 2302.2 | 2301.0 | 2297.6 | 2289.7 | 2282.9 | 2273.8 | 2269.2 |
| 27.5° | 2176.1 | 2176.1 | 2178.3 | 2179.5 | 2178.3 | 2176.1 | 2176.1 | 2170.4 | 2165.8 | 2161.3 | 2156.7 |
| 30° | 1992.0 | 1992.0 | 1992.0 | 1997.7 | 1992.0 | 1992.0 | 1992.0 | 1990.8 | 1990.8 | 1992.0 | 1992.0 |
| 32.5° | 1779.5 | 1777.2 | 1774.9 | 1777.2 | 1774.9 | 1777.2 | 1779.5 | 1780.6 | 1779.5 | 1782.9 | 1788.6 |
| 35° | 1538.6 | 1537.4 | 1540.9 | 1536.3 | 1540.9 | 1537.4 | 1538.6 | 1538.6 | 1543.1 | 1547.7 | 1548.8 |
| 37.5° | 1307.9 | 1305.6 | 1310.2 | 1305.6 | 1310.2 | 1305.6 | 1307.9 | 1306.8 | 1305.6 | 1307.9 | 1304.5 |
| 40° | 1088.6 | 1090.9 | 1090.9 | 1100.0 | 1090.9 | 1090.9 | 1088.6 | 1086.3 | 1078.4 | 1073.8 | 1069.3 |
| 42.5° | 878.4 | 885.2 | 882.9 | 889.7 | 882.9 | 885.2 | 878.4 | 873.8 | 864.7 | 856.8 | 850.0 |
| 45° | 679.5 | 684.1 | 684.1 | 686.3 | 684.1 | 684.1 | 679.5 | 675.0 | 667.0 | 660.2 | 655.6 |
| 47.5° | 521.6 | 521.6 | 521.6 | 522.7 | 521.6 | 521.6 | 521.6 | 513.6 | 511.4 | 506.8 | 501.1 |
| 50° | 396.6 | 397.7 | 398.9 | 400.0 | 398.9 | 397.7 | 396.6 | 394.3 | 393.2 | 390.9 | 389.7 |
| 52.5° | 304.5 | 305.7 | 303.4 | 305.7 | 303.4 | 305.7 | 304.5 | 305.7 | 302.2 | 302.2 | 301.1 |
| 55° | 230.7 | 229.6 | 230.7 | 231.8 | 230.7 | 229.6 | 230.7 | 230.7 | 229.6 | 229.6 | 229.6 |
| 57.5° | 169.3 | 167.0 | 167.0 | 167.0 | 167.0 | 167.0 | 169.3 | 168.2 | 171.6 | 169.3 | 170.4 |
| 60° | 126.1 | 127.3 | 127.3 | 128.4 | 127.3 | 127.3 | 126.1 | 128.4 | 128.4 | 129.6 | 129.6 |
| 62.5° | 93.2 | 96.6 | 94.3 | 96.6 | 94.3 | 96.6 | 93.2 | 94.3 | 94.3 | 95.5 | 96.6 |
| 65° | 60.2 | 60.2 | 60.2 | 61.4 | 60.2 | 60.2 | 60.2 | 61.4 | 62.5 | 61.4 | 64.8 |
| 67.5° | 40.9 | 42.0 | 44.3 | 43.2 | 44.3 | 42.0 | 40.9 | 42.0 | 42.0 | 45.5 | 44.3 |
| 70° | 33.0 | 29.6 | 29.6 | 33.0 | 29.6 | 29.6 | 33.0 | 30.7 | 29.6 | 31.8 | 30.7 |
| 72.5° | 19.3 | 17.0 | 19.3 | 19.3 | 19.3 | 17.0 | 19.3 | 17.0 | 18.2 | 18.2 | 20.4 |
| 75° | 10.2 | 9.1 | 8.0 | 11.4 | 8.0 | 9.1 | 10.2 | 10.2 | 10.2 | 10.2 | 11.4 |
| 77.5° | 6.8 | 5.7 | 8.0 | 8.0 | 8.0 | 5.7 | 6.8 | 5.7 | 6.8 | 5.7 | 6.8 |
| 80° | 3.4 | 4.5 | 3.4 | 5.7 | 3.4 | 4.5 | 3.4 | 5.7 | 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: P244570

CATALOG NUMBER: LD8B40D010 ER8B40940 8LBSW0H

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2327.2 | 2327.2 | 2327.2 | 2327.2 | 2327.2 | 2327.2 | 2327.2 | 2327.2 | 2327.2 | 2327.2 | 2327.2 |
| 2.5° | 2351.0 | 2347.6 | 2348.8 | 2342.0 | 2342.0 | 2339.7 | 2340.8 | 2335.1 | 2332.9 | 2330.6 | 2334.0 |
| 5° | 2385.1 | 2379.5 | 2374.9 | 2364.7 | 2359.0 | 2352.2 | 2348.8 | 2339.7 | 2331.7 | 2324.9 | 2323.8 |
| 7.5° | 2412.4 | 2399.9 | 2392.0 | 2378.3 | 2368.1 | 2360.2 | 2348.8 | 2336.3 | 2326.1 | 2316.9 | 2310.2 |
| 10° | 2423.8 | 2411.3 | 2398.8 | 2381.7 | 2370.4 | 2355.6 | 2344.2 | 2328.3 | 2314.7 | 2302.2 | 2294.2 |
| 12.5° | 2424.9 | 2409.0 | 2397.6 | 2378.3 | 2363.5 | 2347.6 | 2335.1 | 2316.9 | 2301.0 | 2288.5 | 2276.1 |
| 15° | 2414.7 | 2399.9 | 2386.3 | 2365.8 | 2351.0 | 2336.3 | 2321.5 | 2302.2 | 2287.4 | 2272.6 | 2263.6 |
| 17.5° | 2392.0 | 2378.3 | 2362.4 | 2343.1 | 2329.5 | 2315.8 | 2299.9 | 2284.0 | 2266.9 | 2251.0 | 2239.7 |
| 20° | 2362.4 | 2347.6 | 2334.0 | 2314.7 | 2303.3 | 2288.5 | 2273.8 | 2256.7 | 2243.1 | 2227.2 | 2214.7 |
| 22.5° | 2318.1 | 2304.4 | 2292.0 | 2280.6 | 2262.4 | 2251.0 | 2240.8 | 2221.5 | 2207.9 | 2193.1 | 2179.5 |
| 25° | 2254.4 | 2240.8 | 2230.6 | 2216.9 | 2209.0 | 2196.5 | 2186.3 | 2169.2 | 2156.7 | 2143.1 | 2131.7 |
| 27.5° | 2149.9 | 2142.0 | 2136.3 | 2128.3 | 2121.5 | 2115.8 | 2110.2 | 2096.5 | 2087.4 | 2074.9 | 2063.6 |
| 30° | 1993.1 | 1992.0 | 1988.6 | 1985.1 | 1989.7 | 1989.7 | 1989.7 | 1987.4 | 1979.5 | 1970.4 | 1962.4 |
| 32.5° | 1792.0 | 1794.3 | 1798.8 | 1802.2 | 1811.3 | 1821.5 | 1830.6 | 1835.1 | 1835.1 | 1829.5 | 1826.1 |
| 35° | 1552.2 | 1555.6 | 1562.5 | 1571.5 | 1582.9 | 1595.4 | 1615.8 | 1620.4 | 1623.8 | 1623.8 | 1619.2 |
| 37.5° | 1303.3 | 1302.2 | 1309.1 | 1317.0 | 1323.8 | 1332.9 | 1347.7 | 1351.1 | 1356.8 | 1354.5 | 1349.9 |
| 40° | 1061.3 | 1055.6 | 1053.3 | 1055.6 | 1063.6 | 1060.2 | 1063.6 | 1061.3 | 1061.3 | 1053.3 | 1053.3 |
| 42.5° | 837.4 | 830.7 | 826.1 | 822.7 | 822.7 | 814.7 | 809.1 | 803.4 | 800.0 | 794.3 | 793.2 |
| 45° | 645.5 | 637.5 | 631.8 | 629.5 | 626.1 | 615.9 | 609.1 | 602.2 | 594.3 | 592.0 | 593.2 |
| 47.5° | 501.1 | 493.2 | 490.9 | 485.2 | 479.5 | 473.8 | 469.3 | 461.4 | 460.2 | 455.7 | 460.2 |
| 50° | 386.3 | 384.1 | 380.7 | 378.4 | 375.0 | 370.4 | 365.9 | 361.4 | 359.1 | 359.1 | 360.2 |
| 52.5° | 300.0 | 301.1 | 297.7 | 294.3 | 292.0 | 292.0 | 286.3 | 285.2 | 285.2 | 280.7 | 285.2 |
| 55° | 229.6 | 228.4 | 229.6 | 227.3 | 227.3 | 223.9 | 223.9 | 220.4 | 220.4 | 217.0 | 219.3 |
| 57.5° | 168.2 | 170.4 | 168.2 | 169.3 | 171.6 | 168.2 | 167.0 | 163.6 | 165.9 | 163.6 | 164.8 |
| 60° | 130.7 | 130.7 | 130.7 | 129.6 | 129.6 | 128.4 | 128.4 | 127.3 | 127.3 | 125.0 | 127.3 |
| 62.5° | 96.6 | 97.7 | 97.7 | 97.7 | 98.9 | 97.7 | 96.6 | 97.7 | 96.6 | 96.6 | 97.7 |
| 65° | 63.7 | 64.8 | 64.8 | 63.7 | 65.9 | 63.7 | 64.8 | 65.9 | 67.0 | 65.9 | 67.0 |
| 67.5° | 43.2 | 43.2 | 44.3 | 45.5 | 44.3 | 45.5 | 46.6 | 45.5 | 46.6 | 48.9 | 46.6 |
| 70° | 31.8 | 33.0 | 33.0 | 31.8 | 30.7 | 31.8 | 30.7 | 34.1 | 34.1 | 34.1 | 36.3 |
| 72.5° | 20.4 | 20.4 | 19.3 | 19.3 | 19.3 | 19.3 | 19.3 | 22.7 | 20.4 | 19.3 | 21.6 |
| 75° | 11.4 | 12.5 | 12.5 | 9.1 | 10.2 | 12.5 | 9.1 | 10.2 | 13.7 | 11.4 | 13.7 |
| 77.5° | 6.8 | 6.8 | 6.8 | 6.8 | 6.8 | 6.8 | 9.1 | 8.0 | 8.0 | 8.0 | 9.1 |
| 80° | 5.7 | 4.5 | 4.5 | 3.4 | 4.5 | 4.5 | 4.5 | 6.8 | 5.7 | 5.7 | 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: P244570

CATALOG NUMBER: LD8B40D010 ER8B40940 8LBSW0H

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2327.2 | 2327.2 | 2327.2 | 2327.2 | 2327.2 | 2327.2 | 2327.2 | 2327.2 | 2327.2 | 2327.2 | 2327.2 |
| 2.5° | 2324.9 | 2324.9 | 2323.8 | 2321.5 | 2316.9 | 2316.9 | 2315.8 | 2312.4 | 2310.2 | 2309.0 | 2309.0 |
| 5° | 2313.5 | 2309.0 | 2304.4 | 2292.0 | 2292.0 | 2289.7 | 2282.9 | 2278.3 | 2276.1 | 2270.4 | 2268.1 |
| 7.5° | 2303.3 | 2289.7 | 2281.7 | 2273.8 | 2263.6 | 2259.0 | 2251.0 | 2247.6 | 2239.7 | 2234.0 | 2230.6 |
| 10° | 2278.3 | 2269.2 | 2259.0 | 2246.5 | 2238.5 | 2229.5 | 2220.4 | 2213.6 | 2203.3 | 2197.6 | 2193.1 |
| 12.5° | 2261.3 | 2247.6 | 2238.5 | 2224.9 | 2211.3 | 2203.3 | 2190.8 | 2182.9 | 2172.6 | 2161.3 | 2154.5 |
| 15° | 2245.4 | 2230.6 | 2218.1 | 2203.3 | 2188.5 | 2179.5 | 2164.7 | 2155.6 | 2140.8 | 2129.5 | 2121.5 |
| 17.5° | 2221.5 | 2209.0 | 2195.4 | 2177.2 | 2163.6 | 2152.2 | 2136.3 | 2124.9 | 2111.3 | 2096.5 | 2088.5 |
| 20° | 2196.5 | 2181.7 | 2168.1 | 2149.9 | 2136.3 | 2122.6 | 2106.7 | 2094.3 | 2078.3 | 2064.7 | 2055.6 |
| 22.5° | 2163.6 | 2146.5 | 2135.1 | 2116.9 | 2101.0 | 2086.3 | 2071.5 | 2056.7 | 2042.0 | 2030.6 | 2020.4 |
| 25° | 2115.8 | 2097.6 | 2085.1 | 2070.4 | 2055.6 | 2044.3 | 2026.1 | 2017.0 | 2002.2 | 1992.0 | 1981.7 |
| 27.5° | 2047.6 | 2034.0 | 2022.6 | 2007.9 | 1995.4 | 1986.3 | 1972.6 | 1963.6 | 1951.0 | 1942.0 | 1934.0 |
| 30° | 1947.7 | 1936.3 | 1926.1 | 1911.3 | 1902.2 | 1894.3 | 1881.7 | 1873.8 | 1864.7 | 1854.5 | 1852.2 |
| 32.5° | 1813.6 | 1804.5 | 1794.3 | 1784.0 | 1777.2 | 1772.7 | 1762.4 | 1757.9 | 1748.8 | 1743.1 | 1737.4 |
| 35° | 1611.3 | 1603.3 | 1597.7 | 1593.1 | 1590.9 | 1592.0 | 1589.7 | 1594.3 | 1596.5 | 1595.4 | 1596.5 |
| 37.5° | 1346.6 | 1342.0 | 1344.3 | 1347.7 | 1359.0 | 1373.8 | 1387.4 | 1407.9 | 1421.5 | 1435.2 | 1447.7 |
| 40° | 1051.1 | 1054.5 | 1063.6 | 1084.0 | 1113.6 | 1146.6 | 1177.2 | 1215.9 | 1254.5 | 1281.8 | 1306.8 |
| 42.5° | 793.2 | 803.4 | 826.1 | 855.6 | 900.0 | 948.8 | 996.6 | 1053.3 | 1100.0 | 1145.4 | 1177.2 |
| 45° | 596.6 | 610.2 | 639.7 | 680.7 | 729.5 | 786.3 | 846.6 | 910.2 | 965.9 | 1012.5 | 1047.7 |
| 47.5° | 464.8 | 477.3 | 506.8 | 550.0 | 610.2 | 669.3 | 731.8 | 797.7 | 855.6 | 901.1 | 931.8 |
| 50° | 367.0 | 382.9 | 409.1 | 454.5 | 514.8 | 577.3 | 642.0 | 706.8 | 761.4 | 800.0 | 827.3 |
| 52.5° | 288.6 | 303.4 | 328.4 | 376.1 | 437.5 | 500.0 | 560.2 | 623.8 | 671.6 | 709.1 | 727.3 |
| 55° | 223.9 | 237.5 | 263.6 | 303.4 | 361.4 | 422.7 | 482.9 | 537.5 | 581.8 | 609.1 | 626.1 |
| 57.5° | 170.4 | 180.7 | 198.9 | 238.6 | 290.9 | 347.7 | 398.9 | 453.4 | 487.5 | 506.8 | 518.1 |
| 60° | 129.6 | 137.5 | 156.8 | 187.5 | 235.2 | 284.1 | 327.3 | 368.2 | 395.5 | 411.4 | 422.7 |
| 62.5° | 97.7 | 106.8 | 120.4 | 146.6 | 182.9 | 222.7 | 259.1 | 289.8 | 312.5 | 322.7 | 330.7 |
| 65° | 67.0 | 73.9 | 84.1 | 104.5 | 135.2 | 163.6 | 192.0 | 214.8 | 229.6 | 240.9 | 245.5 |
| 67.5° | 50.0 | 54.5 | 60.2 | 76.1 | 97.7 | 120.4 | 139.8 | 155.7 | 171.6 | 176.1 | 184.1 |
| 70° | 37.5 | 40.9 | 46.6 | 58.0 | 70.4 | 86.3 | 102.3 | 111.4 | 122.7 | 130.7 | 133.0 |
| 72.5° | 23.9 | 25.0 | 30.7 | 37.5 | 47.7 | 58.0 | 68.2 | 76.1 | 83.0 | 87.5 | 89.8 |
| 75° | 13.7 | 20.4 | 20.4 | 27.3 | 34.1 | 38.6 | 45.5 | 51.1 | 54.5 | 58.0 | 58.0 |
| 77.5° | 9.1 | 12.5 | 13.7 | 17.0 | 20.4 | 26.1 | 31.8 | 35.2 | 38.6 | 39.8 | 39.8 |
| 80° | 8.0 | 9.1 | 9.1 | 12.5 | 14.8 | 19.3 | 22.7 | 23.9 | 26.1 | 27.3 | 29.6 |
| 82.5° | 3.4 | 4.5 | 5.7 | 9.1 | 10.2 | 10.2 | 13.7 | 14.8 | 17.0 | 18.2 | 18.2 |
| 85° | 1.1 | 2.3 | 2.3 | 3.4 | 5.7 | 6.8 | 8.0 | 9.1 | 10.2 | 10.2 | 11.4 |
| 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: P244570

CATALOG NUMBER: LD8B40D010 ER8B40940 8LBSW0H

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|-------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2327.2 | 2327.2 | 2327.2 | 2327.2 | 2327.2 | 2327.2 | 2327.2 |
| 2.5° | 2306.7 | 2307.9 | 2303.3 | 2302.2 | 2299.9 | 2301.0 | 2303.3 |
| 5° | 2264.7 | 2265.8 | 2261.3 | 2256.7 | 2256.7 | 2255.6 | 2256.7 |
| 7.5° | 2224.9 | 2226.1 | 2219.2 | 2216.9 | 2212.4 | 2213.6 | 2213.6 |
| 10° | 2185.1 | 2185.1 | 2174.9 | 2173.8 | 2170.4 | 2169.2 | 2169.2 |
| 12.5° | 2146.5 | 2143.1 | 2135.1 | 2130.6 | 2132.9 | 2126.1 | 2126.1 |
| 15° | 2112.4 | 2106.7 | 2096.5 | 2093.1 | 2087.4 | 2085.1 | 2085.1 |
| 17.5° | 2077.2 | 2072.6 | 2063.6 | 2056.7 | 2049.9 | 2048.8 | 2049.9 |
| 20° | 2043.1 | 2038.6 | 2027.2 | 2022.6 | 2017.0 | 2017.0 | 2014.7 |
| 22.5° | 2009.0 | 2004.5 | 1994.3 | 1990.8 | 1982.9 | 1982.9 | 1984.0 |
| 25° | 1973.8 | 1970.4 | 1959.0 | 1956.7 | 1955.6 | 1951.0 | 1953.3 |
| 27.5° | 1926.1 | 1923.8 | 1914.7 | 1911.3 | 1906.7 | 1905.6 | 1907.9 |
| 30° | 1838.6 | 1835.1 | 1828.4 | 1824.9 | 1817.0 | 1818.1 | 1820.4 |
| 32.5° | 1729.5 | 1724.9 | 1715.8 | 1712.4 | 1705.6 | 1703.3 | 1704.5 |
| 35° | 1593.1 | 1589.7 | 1581.8 | 1581.8 | 1574.9 | 1572.7 | 1574.9 |
| 37.5° | 1454.5 | 1457.9 | 1454.5 | 1457.9 | 1454.5 | 1453.3 | 1454.5 |
| 40° | 1323.8 | 1336.3 | 1338.6 | 1351.1 | 1346.6 | 1353.3 | 1352.2 |
| 42.5° | 1198.8 | 1219.2 | 1227.2 | 1237.4 | 1235.2 | 1239.7 | 1243.1 |
| 45° | 1072.7 | 1089.7 | 1097.7 | 1104.5 | 1105.6 | 1107.9 | 1109.1 |
| 47.5° | 953.4 | 967.0 | 968.1 | 976.1 | 975.0 | 975.0 | 978.4 |
| 50° | 842.0 | 851.1 | 853.4 | 859.1 | 854.5 | 852.2 | 853.4 |
| 52.5° | 738.6 | 747.7 | 745.4 | 747.7 | 742.0 | 739.7 | 740.9 |
| 55° | 632.9 | 637.5 | 637.5 | 637.5 | 630.7 | 630.7 | 630.7 |
| 57.5° | 525.0 | 526.1 | 523.8 | 525.0 | 523.8 | 517.0 | 515.9 |
| 60° | 426.1 | 426.1 | 425.0 | 426.1 | 422.7 | 419.3 | 419.3 |
| 62.5° | 332.9 | 335.2 | 339.8 | 335.2 | 332.9 | 335.2 | 331.8 |
| 65° | 248.9 | 253.4 | 252.2 | 254.5 | 253.4 | 253.4 | 251.1 |
| 67.5° | 187.5 | 188.6 | 189.8 | 190.9 | 190.9 | 190.9 | 190.9 |
| 70° | 137.5 | 140.9 | 139.8 | 139.8 | 139.8 | 139.8 | 146.6 |
| 72.5° | 92.0 | 96.6 | 95.5 | 97.7 | 97.7 | 100.0 | 97.7 |
| 75° | 62.5 | 67.0 | 64.8 | 68.2 | 67.0 | 64.8 | 70.4 |
| 77.5° | 42.0 | 44.3 | 45.5 | 46.6 | 45.5 | 44.3 | 45.5 |
| 80° | 29.6 | 31.8 | 30.7 | 31.8 | 31.8 | 31.8 | 33.0 |
| 82.5° | 18.2 | 21.6 | 20.4 | 21.6 | 20.4 | 21.6 | 21.6 |
| 85° | 12.5 | 13.7 | 11.4 | 13.7 | 12.5 | 12.5 | 14.8 |
| 87.5° | 8.0 | 6.8 | 6.8 | 8.0 | 6.8 | 8.0 | 6.8 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)