

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: P244528

Luminaire Tested: **LD8B40D010 ER8B40830 8LBSW0H**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P244528
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 ER8B40830 8LBSW0H
Description: PORTFOLIO 8 INCH SINGLE WALL WASH DISTRIBUTION 60 DEGREE CUTOFF
RECESSED DOWNLIGHT
80 CRI 3000 CCT WITH SEMI-SPECULAR CLEAR TRIM
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4232.0 lumens
Efficiency: N/A
Efficacy: 103.5 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

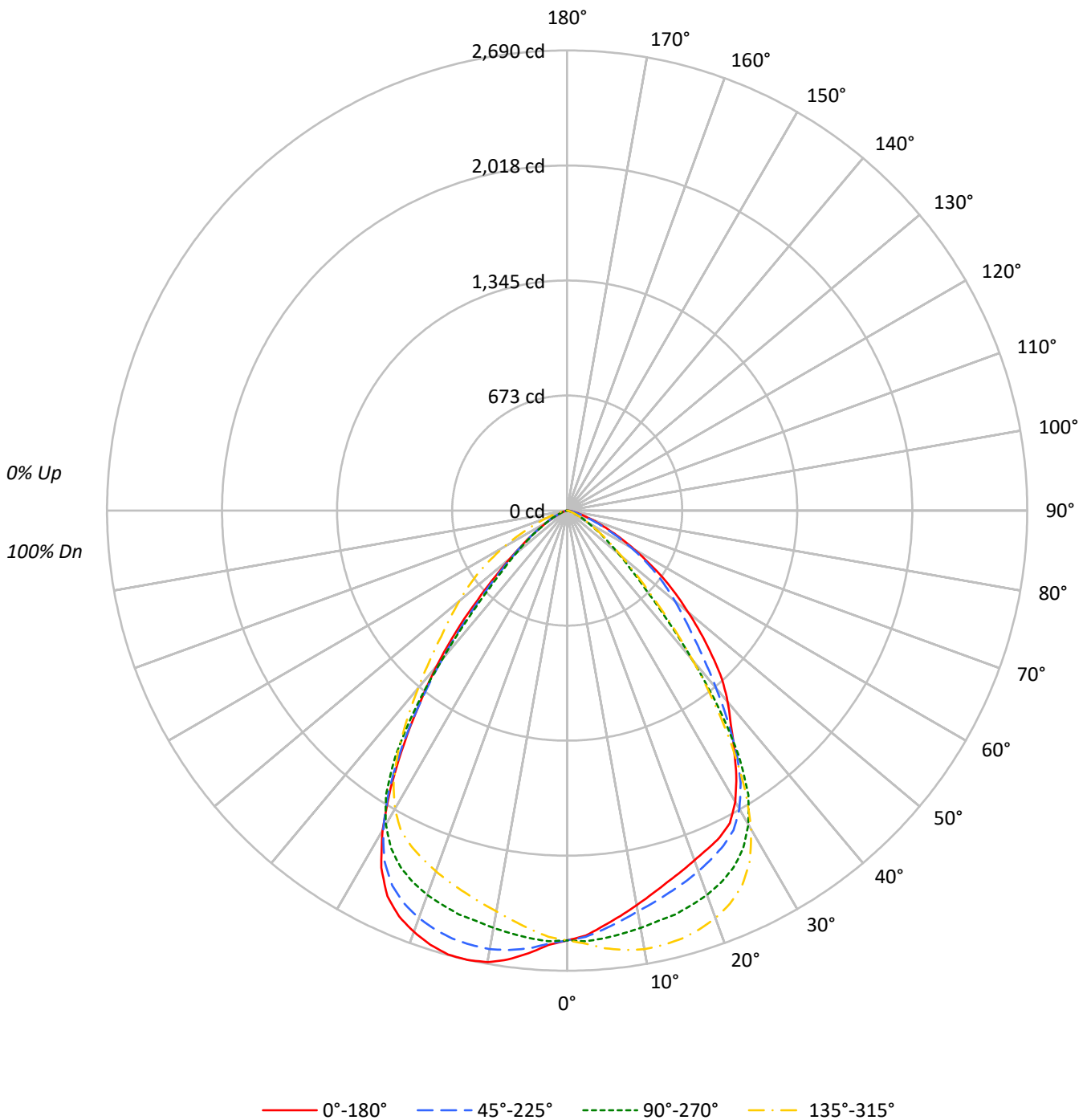
Input Watts (W): 40.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P244528

CATALOG NUMBER: LD8B40D010 ER8B40830 8LBSW0H

Luminous Intensity Polar Plot





TEST NUMBER: P244528

CATALOG NUMBER: LD8B40D010 ER8B40830 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° | 77473 | 77473 | 77473 | 77473 |
| 5° | 75417 | 77655 | 80428 | 77655 |
| 10° | 73330 | 77554 | 83932 | 77554 |
| 15° | 71864 | 78013 | 85767 | 78013 |
| 20° | 71377 | 78461 | 85989 | 78461 |
| 25° | 71750 | 78303 | 84608 | 78303 |
| 30° | 69974 | 75436 | 76793 | 75436 |
| 35° | 64006 | 65806 | 62437 | 65806 |
| 40° | 58763 | 45777 | 47802 | 45777 |
| 45° | 52213 | 27927 | 32314 | 27927 |
| 50° | 44197 | 18657 | 20715 | 18657 |
| 55° | 36606 | 12731 | 13456 | 12731 |
| 60° | 27919 | 8474 | 8548 | 8474 |
| 65° | 19781 | 5283 | 4830 | 5283 |
| 70° | 14263 | 3534 | 3210 | 3534 |
| 75° | 9055 | 1751 | 1465 | 1751 |
| 80° | 6322 | 1314 | 1083 | 1314 |
| 85° | 5661 | 0 | 425 | 0 |



TEST NUMBER: P244528

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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 239.1 | 5.7 |
| 10°-20° | 692.5 | 16.4 |
| 20°-30° | 1048.6 | 24.8 |
| 30°-40° | 1050.9 | 24.8 |
| 40°-50° | 659.9 | 15.6 |
| 50°-60° | 351.7 | 8.3 |
| 60°-70° | 144.6 | 3.4 |
| 70°-80° | 38.2 | 0.9 |
| 80°-90° | 6.5 | 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° | 1980.2 | 46.8 |
| 0°-40° | 3031.1 | 71.6 |
| 0°-60° | 4042.7 | 95.5 |
| 0°-90° | 4232.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 4232.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0° | 2512 | 2512 | 2512 | 2512 | 2512 | |
| 5° | 2436 | 2509 | 2598 | 2509 | 2436 | 230 |
| 15° | 2251 | 2444 | 2687 | 2444 | 2251 | 637 |
| 25° | 2109 | 2301 | 2487 | 2301 | 2109 | 967 |
| 35° | 1700 | 1748 | 1659 | 1748 | 1700 | 1065 |
| 45° | 1197 | 640 | 741 | 640 | 1197 | 921 |
| 55° | 681 | 237 | 250 | 237 | 681 | 607 |
| 65° | 271 | 72 | 66 | 72 | 271 | 281 |
| 75° | 76 | 15 | 12 | 15 | 76 | 86 |
| 85° | 16 | 0 | 1 | 0 | 16 | 18 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P244528

CATALOG NUMBER: LD8B40D010 ER8B40830 8LBSW0H

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2512.4 | 2512.4 | 2512.4 | 2512.4 | 2512.4 | 2512.4 | 2512.4 | 2512.4 | 2512.4 | 2512.4 | 2512.4 |
| 2.5° | 2486.7 | 2484.2 | 2483.0 | 2485.4 | 2486.7 | 2491.6 | 2490.3 | 2492.8 | 2492.8 | 2494.0 | 2496.4 |
| 5° | 2436.4 | 2435.1 | 2436.4 | 2436.4 | 2441.3 | 2446.2 | 2444.9 | 2448.6 | 2451.1 | 2457.2 | 2459.6 |
| 7.5° | 2389.8 | 2389.8 | 2388.5 | 2393.4 | 2395.9 | 2403.2 | 2402.0 | 2408.1 | 2411.8 | 2417.9 | 2426.5 |
| 10° | 2341.9 | 2341.9 | 2343.1 | 2346.8 | 2348.0 | 2359.1 | 2359.1 | 2367.6 | 2372.5 | 2378.7 | 2389.8 |
| 12.5° | 2295.3 | 2295.3 | 2302.7 | 2300.2 | 2305.1 | 2313.7 | 2317.3 | 2325.9 | 2333.3 | 2345.6 | 2356.6 |
| 15° | 2251.1 | 2251.1 | 2253.6 | 2259.7 | 2263.4 | 2274.4 | 2280.5 | 2290.4 | 2299.0 | 2311.2 | 2327.2 |
| 17.5° | 2213.1 | 2211.9 | 2213.1 | 2220.4 | 2227.8 | 2237.6 | 2242.5 | 2254.8 | 2263.4 | 2279.3 | 2294.1 |
| 20° | 2175.1 | 2177.5 | 2177.5 | 2183.6 | 2188.5 | 2200.8 | 2205.7 | 2219.2 | 2229.0 | 2243.7 | 2260.9 |
| 22.5° | 2141.9 | 2140.7 | 2140.7 | 2149.3 | 2153.0 | 2164.0 | 2168.9 | 2181.2 | 2192.2 | 2204.5 | 2220.4 |
| 25° | 2108.8 | 2106.3 | 2111.3 | 2112.5 | 2114.9 | 2127.2 | 2130.9 | 2139.5 | 2150.5 | 2161.6 | 2177.5 |
| 27.5° | 2059.7 | 2057.3 | 2058.5 | 2063.4 | 2067.1 | 2076.9 | 2079.4 | 2087.9 | 2096.5 | 2106.3 | 2119.9 |
| 30° | 1965.2 | 1962.8 | 1961.6 | 1970.2 | 1973.9 | 1981.2 | 1984.9 | 1999.6 | 2002.1 | 2013.1 | 2022.9 |
| 32.5° | 1840.1 | 1838.9 | 1841.4 | 1848.7 | 1852.4 | 1862.2 | 1867.1 | 1875.7 | 1881.8 | 1888.0 | 1897.8 |
| 35° | 1700.3 | 1697.8 | 1700.3 | 1707.7 | 1707.7 | 1716.3 | 1719.9 | 1723.6 | 1722.4 | 1723.6 | 1721.2 |
| 37.5° | 1570.3 | 1569.0 | 1570.3 | 1573.9 | 1570.3 | 1573.9 | 1570.3 | 1562.9 | 1549.4 | 1534.7 | 1519.9 |
| 40° | 1459.8 | 1461.1 | 1453.7 | 1458.6 | 1445.1 | 1442.7 | 1429.2 | 1410.8 | 1383.8 | 1354.4 | 1312.7 |
| 42.5° | 1342.1 | 1338.4 | 1333.5 | 1335.9 | 1324.9 | 1316.3 | 1294.2 | 1270.9 | 1236.6 | 1187.5 | 1137.2 |
| 45° | 1197.3 | 1196.1 | 1193.6 | 1192.4 | 1185.1 | 1176.5 | 1158.0 | 1131.1 | 1093.1 | 1042.8 | 982.6 |
| 47.5° | 1056.2 | 1052.6 | 1052.6 | 1053.8 | 1045.2 | 1044.0 | 1029.2 | 1006.0 | 972.8 | 923.7 | 861.2 |
| 50° | 921.3 | 920.1 | 922.5 | 927.4 | 921.3 | 918.8 | 909.1 | 893.1 | 863.7 | 821.9 | 763.0 |
| 52.5° | 799.8 | 798.6 | 801.1 | 807.2 | 804.7 | 807.2 | 797.4 | 785.1 | 765.5 | 725.0 | 673.5 |
| 55° | 680.9 | 680.9 | 680.9 | 688.2 | 688.2 | 688.2 | 683.3 | 676.0 | 657.5 | 628.1 | 580.3 |
| 57.5° | 557.0 | 558.2 | 565.5 | 566.8 | 565.5 | 568.0 | 566.8 | 559.4 | 547.2 | 526.3 | 489.5 |
| 60° | 452.7 | 452.7 | 456.4 | 460.1 | 458.8 | 460.1 | 460.1 | 456.4 | 444.1 | 426.9 | 397.5 |
| 62.5° | 358.2 | 361.9 | 359.4 | 361.9 | 366.8 | 361.9 | 359.4 | 357.0 | 348.4 | 337.4 | 312.8 |
| 65° | 271.1 | 273.6 | 273.6 | 274.8 | 272.3 | 273.6 | 268.7 | 265.0 | 260.1 | 247.8 | 231.9 |
| 67.5° | 206.1 | 206.1 | 206.1 | 206.1 | 204.9 | 203.6 | 202.4 | 198.7 | 190.2 | 185.3 | 168.0 |
| 70° | 158.2 | 150.9 | 150.9 | 150.9 | 150.9 | 152.1 | 148.5 | 143.6 | 141.1 | 132.5 | 120.2 |
| 72.5° | 105.5 | 108.0 | 105.5 | 105.5 | 103.1 | 104.3 | 99.4 | 96.9 | 94.5 | 89.6 | 82.2 |
| 75° | 76.0 | 69.9 | 72.4 | 73.6 | 69.9 | 72.4 | 67.5 | 62.6 | 62.6 | 58.9 | 55.2 |
| 77.5° | 49.1 | 47.9 | 49.1 | 50.3 | 49.1 | 47.9 | 45.4 | 42.9 | 42.9 | 41.7 | 38.0 |
| 80° | 35.6 | 34.3 | 34.3 | 34.3 | 33.1 | 34.3 | 31.9 | 31.9 | 29.4 | 28.2 | 25.8 |
| 82.5° | 23.3 | 23.3 | 22.1 | 23.3 | 22.1 | 23.3 | 19.6 | 19.6 | 19.6 | 18.4 | 16.0 |
| 85° | 16.0 | 13.5 | 13.5 | 14.7 | 12.3 | 14.7 | 13.5 | 12.3 | 11.1 | 11.1 | 9.8 |
| 87.5° | 7.4 | 8.6 | 7.4 | 8.6 | 7.4 | 7.4 | 8.6 | 7.4 | 7.4 | 4.9 | 4.9 |
| 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: P244528

CATALOG NUMBER: LD8B40D010 ER8B40830 8LBSWOH

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2512.4 | 2512.4 | 2512.4 | 2512.4 | 2512.4 | 2512.4 | 2512.4 | 2512.4 | 2512.4 | 2512.4 | 2512.4 |
| 2.5° | 2500.1 | 2501.3 | 2501.3 | 2506.3 | 2508.7 | 2509.9 | 2509.9 | 2519.8 | 2516.1 | 2518.6 | 2521.0 |
| 5° | 2464.6 | 2471.9 | 2474.4 | 2474.4 | 2487.9 | 2492.8 | 2497.7 | 2508.7 | 2509.9 | 2517.3 | 2525.9 |
| 7.5° | 2430.2 | 2438.8 | 2443.7 | 2454.7 | 2463.3 | 2471.9 | 2486.7 | 2494.0 | 2501.3 | 2511.2 | 2522.2 |
| 10° | 2397.1 | 2406.9 | 2416.7 | 2425.3 | 2438.8 | 2449.8 | 2459.6 | 2476.8 | 2485.4 | 2498.9 | 2513.6 |
| 12.5° | 2365.2 | 2378.7 | 2387.3 | 2402.0 | 2416.7 | 2426.5 | 2441.3 | 2457.2 | 2470.7 | 2484.2 | 2501.3 |
| 15° | 2337.0 | 2352.9 | 2362.7 | 2378.7 | 2394.7 | 2408.1 | 2424.1 | 2443.7 | 2453.5 | 2469.5 | 2485.4 |
| 17.5° | 2306.3 | 2323.5 | 2335.8 | 2350.5 | 2370.1 | 2384.8 | 2398.3 | 2417.9 | 2430.2 | 2447.4 | 2465.8 |
| 20° | 2274.4 | 2291.6 | 2306.3 | 2321.0 | 2340.7 | 2355.4 | 2371.3 | 2391.0 | 2404.4 | 2421.6 | 2436.4 |
| 22.5° | 2236.4 | 2252.4 | 2268.3 | 2285.4 | 2305.1 | 2317.3 | 2335.8 | 2352.9 | 2367.6 | 2383.6 | 2398.3 |
| 25° | 2187.3 | 2207.0 | 2219.2 | 2235.1 | 2251.1 | 2264.6 | 2284.2 | 2301.4 | 2313.7 | 2328.4 | 2341.9 |
| 27.5° | 2129.7 | 2144.4 | 2154.2 | 2167.7 | 2183.6 | 2195.9 | 2210.6 | 2227.8 | 2240.1 | 2253.6 | 2263.4 |
| 30° | 2031.5 | 2045.0 | 2053.6 | 2063.4 | 2079.4 | 2090.4 | 2102.7 | 2118.6 | 2127.2 | 2137.0 | 2145.6 |
| 32.5° | 1902.7 | 1913.7 | 1918.6 | 1926.0 | 1937.1 | 1948.1 | 1957.9 | 1971.4 | 1975.1 | 1981.2 | 1981.2 |
| 35° | 1716.3 | 1718.7 | 1717.5 | 1719.9 | 1724.8 | 1731.0 | 1739.5 | 1748.1 | 1753.0 | 1753.0 | 1749.4 |
| 37.5° | 1497.9 | 1483.2 | 1467.2 | 1454.9 | 1451.3 | 1448.8 | 1453.7 | 1457.4 | 1462.3 | 1464.7 | 1458.6 |
| 40° | 1270.9 | 1237.8 | 1202.2 | 1170.3 | 1148.2 | 1138.4 | 1134.8 | 1137.2 | 1137.2 | 1145.8 | 1145.8 |
| 42.5° | 1075.9 | 1024.3 | 971.6 | 923.7 | 891.8 | 867.3 | 856.3 | 856.3 | 857.5 | 863.7 | 867.3 |
| 45° | 914.0 | 848.9 | 787.6 | 734.8 | 690.7 | 658.8 | 644.1 | 640.4 | 639.2 | 641.6 | 650.2 |
| 47.5° | 790.0 | 722.6 | 658.8 | 593.8 | 547.2 | 515.2 | 501.8 | 496.8 | 491.9 | 496.8 | 498.1 |
| 50° | 693.1 | 623.2 | 555.7 | 490.7 | 441.6 | 413.4 | 396.2 | 388.9 | 387.6 | 387.6 | 390.1 |
| 52.5° | 604.8 | 539.8 | 472.3 | 406.1 | 354.5 | 327.6 | 311.6 | 307.9 | 303.0 | 307.9 | 307.9 |
| 55° | 521.4 | 456.4 | 390.1 | 327.6 | 284.6 | 256.4 | 241.7 | 236.8 | 234.3 | 238.0 | 238.0 |
| 57.5° | 430.6 | 375.4 | 314.1 | 257.6 | 214.7 | 195.1 | 184.0 | 177.9 | 176.6 | 179.1 | 176.6 |
| 60° | 353.3 | 306.7 | 253.9 | 202.4 | 169.3 | 148.5 | 139.9 | 137.4 | 134.9 | 137.4 | 137.4 |
| 62.5° | 279.7 | 240.5 | 197.5 | 158.2 | 130.0 | 115.3 | 105.5 | 105.5 | 104.3 | 104.3 | 105.5 |
| 65° | 207.3 | 176.6 | 146.0 | 112.9 | 90.8 | 79.7 | 72.4 | 72.4 | 71.1 | 72.4 | 71.1 |
| 67.5° | 150.9 | 130.0 | 105.5 | 82.2 | 65.0 | 58.9 | 54.0 | 50.3 | 52.8 | 50.3 | 49.1 |
| 70° | 110.4 | 93.2 | 76.0 | 62.6 | 50.3 | 44.2 | 40.5 | 39.2 | 36.8 | 36.8 | 36.8 |
| 72.5° | 73.6 | 62.6 | 51.5 | 40.5 | 33.1 | 27.0 | 25.8 | 23.3 | 20.9 | 22.1 | 24.5 |
| 75° | 49.1 | 41.7 | 36.8 | 29.4 | 22.1 | 22.1 | 14.7 | 14.7 | 12.3 | 14.7 | 11.1 |
| 77.5° | 34.3 | 28.2 | 22.1 | 18.4 | 14.7 | 13.5 | 9.8 | 9.8 | 8.6 | 8.6 | 8.6 |
| 80° | 24.5 | 20.9 | 16.0 | 13.5 | 9.8 | 9.8 | 8.6 | 7.4 | 6.1 | 6.1 | 7.4 |
| 82.5° | 14.7 | 11.1 | 11.1 | 9.8 | 6.1 | 4.9 | 3.7 | 4.9 | 2.5 | 2.5 | 2.5 |
| 85° | 8.6 | 7.4 | 6.1 | 3.7 | 2.5 | 2.5 | 1.2 | 0.0 | 1.2 | 1.2 | 0.0 |
| 87.5° | 4.9 | 2.5 | 2.5 | 1.2 | 0.0 | 1.2 | 1.2 | 0.0 | 0.0 | 0.0 | 2.5 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P244528

CATALOG NUMBER: LD8B40D010 ER8B40830 8LBSW0H

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2512.4 | 2512.4 | 2512.4 | 2512.4 | 2512.4 | 2512.4 | 2512.4 | 2512.4 | 2512.4 | 2512.4 | 2512.4 |
| 2.5° | 2527.1 | 2525.9 | 2528.4 | 2528.4 | 2535.7 | 2534.5 | 2538.2 | 2538.2 | 2535.7 | 2536.9 | 2541.8 |
| 5° | 2535.7 | 2539.4 | 2546.7 | 2552.9 | 2563.9 | 2568.9 | 2575.0 | 2581.1 | 2582.3 | 2586.0 | 2589.7 |
| 7.5° | 2535.7 | 2548.0 | 2556.6 | 2567.6 | 2582.3 | 2590.9 | 2604.4 | 2615.5 | 2620.4 | 2626.5 | 2633.8 |
| 10° | 2530.8 | 2543.1 | 2559.0 | 2571.3 | 2589.7 | 2603.2 | 2616.7 | 2633.8 | 2641.2 | 2651.0 | 2660.9 |
| 12.5° | 2521.0 | 2534.5 | 2551.6 | 2567.6 | 2588.4 | 2600.7 | 2617.9 | 2633.8 | 2644.9 | 2658.4 | 2669.4 |
| 15° | 2506.3 | 2522.2 | 2538.2 | 2554.1 | 2576.2 | 2590.9 | 2606.9 | 2625.3 | 2636.3 | 2651.0 | 2660.9 |
| 17.5° | 2483.0 | 2500.1 | 2514.9 | 2529.6 | 2550.4 | 2567.6 | 2582.3 | 2599.5 | 2610.6 | 2622.8 | 2636.3 |
| 20° | 2454.7 | 2470.7 | 2486.7 | 2498.9 | 2519.8 | 2534.5 | 2550.4 | 2566.4 | 2575.0 | 2577.4 | 2598.3 |
| 22.5° | 2419.2 | 2430.2 | 2442.5 | 2462.1 | 2474.4 | 2487.9 | 2502.6 | 2517.3 | 2525.9 | 2539.4 | 2546.7 |
| 25° | 2360.3 | 2371.3 | 2384.8 | 2393.4 | 2408.1 | 2419.2 | 2433.9 | 2449.8 | 2454.7 | 2464.6 | 2471.9 |
| 27.5° | 2278.1 | 2284.2 | 2290.4 | 2297.7 | 2306.3 | 2312.4 | 2321.0 | 2328.4 | 2333.3 | 2338.2 | 2343.1 |
| 30° | 2148.0 | 2148.0 | 2148.0 | 2143.1 | 2146.8 | 2150.5 | 2151.7 | 2150.5 | 2150.5 | 2149.3 | 2149.3 |
| 32.5° | 1976.3 | 1966.5 | 1955.5 | 1945.7 | 1942.0 | 1937.1 | 1934.6 | 1930.9 | 1924.8 | 1921.1 | 1922.3 |
| 35° | 1744.4 | 1722.4 | 1708.9 | 1696.6 | 1686.8 | 1679.4 | 1675.8 | 1672.1 | 1670.9 | 1666.0 | 1661.0 |
| 37.5° | 1454.9 | 1439.0 | 1429.2 | 1421.8 | 1413.2 | 1405.9 | 1407.1 | 1408.3 | 1412.0 | 1409.6 | 1410.8 |
| 40° | 1148.2 | 1144.6 | 1148.2 | 1139.7 | 1137.2 | 1139.7 | 1145.8 | 1154.4 | 1159.3 | 1164.2 | 1172.8 |
| 42.5° | 873.5 | 879.6 | 888.2 | 888.2 | 891.8 | 896.8 | 904.1 | 917.6 | 925.0 | 933.5 | 943.4 |
| 45° | 657.5 | 664.9 | 676.0 | 679.6 | 682.1 | 688.2 | 696.8 | 707.8 | 712.7 | 720.1 | 728.7 |
| 47.5° | 506.7 | 511.6 | 517.7 | 523.8 | 529.9 | 532.4 | 541.0 | 541.0 | 547.2 | 552.1 | 554.5 |
| 50° | 395.0 | 399.9 | 404.8 | 408.5 | 411.0 | 414.7 | 417.1 | 420.8 | 422.0 | 424.5 | 425.7 |
| 52.5° | 309.1 | 315.3 | 315.3 | 317.7 | 321.4 | 325.1 | 323.9 | 325.1 | 326.3 | 326.3 | 330.0 |
| 55° | 241.7 | 241.7 | 245.4 | 245.4 | 247.8 | 246.6 | 247.8 | 247.8 | 247.8 | 247.8 | 249.0 |
| 57.5° | 180.3 | 181.6 | 185.3 | 182.8 | 181.6 | 184.0 | 181.6 | 184.0 | 182.8 | 185.3 | 181.6 |
| 60° | 138.6 | 138.6 | 139.9 | 139.9 | 141.1 | 141.1 | 141.1 | 139.9 | 139.9 | 138.6 | 138.6 |
| 62.5° | 104.3 | 105.5 | 106.7 | 105.5 | 105.5 | 105.5 | 104.3 | 104.3 | 103.1 | 101.8 | 101.8 |
| 65° | 69.9 | 68.7 | 71.1 | 68.7 | 69.9 | 69.9 | 68.7 | 69.9 | 66.2 | 67.5 | 66.2 |
| 67.5° | 50.3 | 49.1 | 47.9 | 49.1 | 47.9 | 46.6 | 46.6 | 47.9 | 49.1 | 45.4 | 45.4 |
| 70° | 33.1 | 34.3 | 33.1 | 34.3 | 35.6 | 35.6 | 34.3 | 33.1 | 34.3 | 31.9 | 33.1 |
| 72.5° | 20.9 | 20.9 | 20.9 | 20.9 | 20.9 | 22.1 | 22.1 | 22.1 | 19.6 | 19.6 | 18.4 |
| 75° | 9.8 | 13.5 | 11.1 | 9.8 | 13.5 | 13.5 | 12.3 | 12.3 | 11.1 | 11.1 | 11.1 |
| 77.5° | 9.8 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 6.1 | 7.4 | 6.1 |
| 80° | 4.9 | 4.9 | 4.9 | 3.7 | 4.9 | 4.9 | 6.1 | 4.9 | 4.9 | 3.7 | 6.1 |
| 82.5° | 2.5 | 2.5 | 2.5 | 0.0 | 1.2 | 2.5 | 2.5 | 1.2 | 2.5 | 2.5 | 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: P244528

CATALOG NUMBER: LD8B40D010 ER8B40830 8LBSWOH

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2512.4 | 2512.4 | 2512.4 | 2512.4 | 2512.4 | 2512.4 | 2512.4 | 2512.4 | 2512.4 | 2512.4 | 2512.4 |
| 2.5° | 2540.6 | 2539.4 | 2540.6 | 2541.8 | 2540.6 | 2539.4 | 2540.6 | 2541.8 | 2536.9 | 2535.7 | 2538.2 |
| 5° | 2594.6 | 2594.6 | 2597.0 | 2598.3 | 2597.0 | 2594.6 | 2594.6 | 2589.7 | 2586.0 | 2582.3 | 2581.1 |
| 7.5° | 2641.2 | 2643.7 | 2646.1 | 2647.3 | 2646.1 | 2643.7 | 2641.2 | 2633.8 | 2626.5 | 2620.4 | 2615.5 |
| 10° | 2669.4 | 2673.1 | 2678.0 | 2680.5 | 2678.0 | 2673.1 | 2669.4 | 2660.9 | 2651.0 | 2641.2 | 2633.8 |
| 12.5° | 2681.7 | 2685.4 | 2691.5 | 2690.3 | 2691.5 | 2685.4 | 2681.7 | 2669.4 | 2658.4 | 2644.9 | 2633.8 |
| 15° | 2673.1 | 2678.0 | 2684.1 | 2686.6 | 2684.1 | 2678.0 | 2673.1 | 2660.9 | 2651.0 | 2636.3 | 2625.3 |
| 17.5° | 2646.1 | 2653.5 | 2657.2 | 2660.9 | 2657.2 | 2653.5 | 2646.1 | 2636.3 | 2622.8 | 2610.6 | 2599.5 |
| 20° | 2609.3 | 2614.3 | 2619.1 | 2620.4 | 2619.1 | 2614.3 | 2609.3 | 2598.3 | 2577.4 | 2575.0 | 2566.4 |
| 22.5° | 2556.6 | 2560.3 | 2571.3 | 2567.6 | 2571.3 | 2560.3 | 2556.6 | 2546.7 | 2539.4 | 2525.9 | 2517.3 |
| 25° | 2480.5 | 2484.2 | 2485.4 | 2486.7 | 2485.4 | 2484.2 | 2480.5 | 2471.9 | 2464.6 | 2454.7 | 2449.8 |
| 27.5° | 2349.3 | 2349.3 | 2351.7 | 2352.9 | 2351.7 | 2349.3 | 2349.3 | 2343.1 | 2338.2 | 2333.3 | 2328.4 |
| 30° | 2150.5 | 2150.5 | 2150.5 | 2156.7 | 2150.5 | 2150.5 | 2150.5 | 2149.3 | 2149.3 | 2150.5 | 2150.5 |
| 32.5° | 1921.1 | 1918.6 | 1916.2 | 1918.6 | 1916.2 | 1918.6 | 1921.1 | 1922.3 | 1921.1 | 1924.8 | 1930.9 |
| 35° | 1661.0 | 1659.8 | 1663.5 | 1658.6 | 1663.5 | 1659.8 | 1661.0 | 1661.0 | 1666.0 | 1670.9 | 1672.1 |
| 37.5° | 1412.0 | 1409.6 | 1414.5 | 1409.6 | 1414.5 | 1409.6 | 1412.0 | 1410.8 | 1409.6 | 1412.0 | 1408.3 |
| 40° | 1175.3 | 1177.7 | 1177.7 | 1187.5 | 1177.7 | 1177.7 | 1175.3 | 1172.8 | 1164.2 | 1159.3 | 1154.4 |
| 42.5° | 948.3 | 955.7 | 953.2 | 960.6 | 953.2 | 955.7 | 948.3 | 943.4 | 933.5 | 925.0 | 917.6 |
| 45° | 733.6 | 738.5 | 738.5 | 741.0 | 738.5 | 738.5 | 733.6 | 728.7 | 720.1 | 712.7 | 707.8 |
| 47.5° | 563.1 | 563.1 | 563.1 | 564.3 | 563.1 | 563.1 | 563.1 | 554.5 | 552.1 | 547.2 | 541.0 |
| 50° | 428.1 | 429.4 | 430.6 | 431.8 | 430.6 | 429.4 | 428.1 | 425.7 | 424.5 | 422.0 | 420.8 |
| 52.5° | 328.8 | 330.0 | 327.6 | 330.0 | 327.6 | 330.0 | 328.8 | 330.0 | 326.3 | 326.3 | 325.1 |
| 55° | 249.0 | 247.8 | 249.0 | 250.3 | 249.0 | 247.8 | 249.0 | 249.0 | 247.8 | 247.8 | 247.8 |
| 57.5° | 182.8 | 180.3 | 180.3 | 180.3 | 180.3 | 180.3 | 182.8 | 181.6 | 185.3 | 182.8 | 184.0 |
| 60° | 136.2 | 137.4 | 137.4 | 138.6 | 137.4 | 137.4 | 136.2 | 138.6 | 138.6 | 139.9 | 139.9 |
| 62.5° | 100.6 | 104.3 | 101.8 | 104.3 | 101.8 | 104.3 | 100.6 | 101.8 | 101.8 | 103.1 | 104.3 |
| 65° | 65.0 | 65.0 | 65.0 | 66.2 | 65.0 | 65.0 | 65.0 | 66.2 | 67.5 | 66.2 | 69.9 |
| 67.5° | 44.2 | 45.4 | 47.9 | 46.6 | 47.9 | 45.4 | 44.2 | 45.4 | 45.4 | 49.1 | 47.9 |
| 70° | 35.6 | 31.9 | 31.9 | 35.6 | 31.9 | 31.9 | 35.6 | 33.1 | 31.9 | 34.3 | 33.1 |
| 72.5° | 20.9 | 18.4 | 20.9 | 20.9 | 20.9 | 18.4 | 20.9 | 18.4 | 19.6 | 19.6 | 22.1 |
| 75° | 11.1 | 9.8 | 8.6 | 12.3 | 8.6 | 9.8 | 11.1 | 11.1 | 11.1 | 11.1 | 12.3 |
| 77.5° | 7.4 | 6.1 | 8.6 | 8.6 | 8.6 | 6.1 | 7.4 | 6.1 | 7.4 | 6.1 | 7.4 |
| 80° | 3.7 | 4.9 | 3.7 | 6.1 | 3.7 | 4.9 | 3.7 | 6.1 | 3.7 | 4.9 | 4.9 |
| 82.5° | 1.2 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 1.2 | 1.2 | 2.5 | 2.5 | 1.2 |
| 85° | 0.0 | 2.5 | 1.2 | 1.2 | 1.2 | 2.5 | 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: P244528

CATALOG NUMBER: LD8B40D010 ER8B40830 8LBSW0H

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2512.4 | 2512.4 | 2512.4 | 2512.4 | 2512.4 | 2512.4 | 2512.4 | 2512.4 | 2512.4 | 2512.4 | 2512.4 |
| 2.5° | 2538.2 | 2534.5 | 2535.7 | 2528.4 | 2528.4 | 2525.9 | 2527.1 | 2521.0 | 2518.6 | 2516.1 | 2519.8 |
| 5° | 2575.0 | 2568.9 | 2563.9 | 2552.9 | 2546.7 | 2539.4 | 2535.7 | 2525.9 | 2517.3 | 2509.9 | 2508.7 |
| 7.5° | 2604.4 | 2590.9 | 2582.3 | 2567.6 | 2556.6 | 2548.0 | 2535.7 | 2522.2 | 2511.2 | 2501.3 | 2494.0 |
| 10° | 2616.7 | 2603.2 | 2589.7 | 2571.3 | 2559.0 | 2543.1 | 2530.8 | 2513.6 | 2498.9 | 2485.4 | 2476.8 |
| 12.5° | 2617.9 | 2600.7 | 2588.4 | 2567.6 | 2551.6 | 2534.5 | 2521.0 | 2501.3 | 2484.2 | 2470.7 | 2457.2 |
| 15° | 2606.9 | 2590.9 | 2576.2 | 2554.1 | 2538.2 | 2522.2 | 2506.3 | 2485.4 | 2469.5 | 2453.5 | 2443.7 |
| 17.5° | 2582.3 | 2567.6 | 2550.4 | 2529.6 | 2514.9 | 2500.1 | 2483.0 | 2465.8 | 2447.4 | 2430.2 | 2417.9 |
| 20° | 2550.4 | 2534.5 | 2519.8 | 2498.9 | 2486.7 | 2470.7 | 2454.7 | 2436.4 | 2421.6 | 2404.4 | 2391.0 |
| 22.5° | 2502.6 | 2487.9 | 2474.4 | 2462.1 | 2442.5 | 2430.2 | 2419.2 | 2398.3 | 2383.6 | 2367.6 | 2352.9 |
| 25° | 2433.9 | 2419.2 | 2408.1 | 2393.4 | 2384.8 | 2371.3 | 2360.3 | 2341.9 | 2328.4 | 2313.7 | 2301.4 |
| 27.5° | 2321.0 | 2312.4 | 2306.3 | 2297.7 | 2290.4 | 2284.2 | 2278.1 | 2263.4 | 2253.6 | 2240.1 | 2227.8 |
| 30° | 2151.7 | 2150.5 | 2146.8 | 2143.1 | 2148.0 | 2148.0 | 2148.0 | 2145.6 | 2137.0 | 2127.2 | 2118.6 |
| 32.5° | 1934.6 | 1937.1 | 1942.0 | 1945.7 | 1955.5 | 1966.5 | 1976.3 | 1981.2 | 1981.2 | 1975.1 | 1971.4 |
| 35° | 1675.8 | 1679.4 | 1686.8 | 1696.6 | 1708.9 | 1722.4 | 1744.4 | 1749.4 | 1753.0 | 1753.0 | 1748.1 |
| 37.5° | 1407.1 | 1405.9 | 1413.2 | 1421.8 | 1429.2 | 1439.0 | 1454.9 | 1458.6 | 1464.7 | 1462.3 | 1457.4 |
| 40° | 1145.8 | 1139.7 | 1137.2 | 1139.7 | 1148.2 | 1144.6 | 1148.2 | 1145.8 | 1145.8 | 1137.2 | 1137.2 |
| 42.5° | 904.1 | 896.8 | 891.8 | 888.2 | 888.2 | 879.6 | 873.5 | 867.3 | 863.7 | 857.5 | 856.3 |
| 45° | 696.8 | 688.2 | 682.1 | 679.6 | 676.0 | 664.9 | 657.5 | 650.2 | 641.6 | 639.2 | 640.4 |
| 47.5° | 541.0 | 532.4 | 529.9 | 523.8 | 517.7 | 511.6 | 506.7 | 498.1 | 496.8 | 491.9 | 496.8 |
| 50° | 417.1 | 414.7 | 411.0 | 408.5 | 404.8 | 399.9 | 395.0 | 390.1 | 387.6 | 387.6 | 388.9 |
| 52.5° | 323.9 | 325.1 | 321.4 | 317.7 | 315.3 | 315.3 | 309.1 | 307.9 | 307.9 | 303.0 | 307.9 |
| 55° | 247.8 | 246.6 | 247.8 | 245.4 | 245.4 | 241.7 | 241.7 | 238.0 | 238.0 | 234.3 | 236.8 |
| 57.5° | 181.6 | 184.0 | 181.6 | 182.8 | 185.3 | 181.6 | 180.3 | 176.6 | 179.1 | 176.6 | 177.9 |
| 60° | 141.1 | 141.1 | 141.1 | 139.9 | 139.9 | 138.6 | 138.6 | 137.4 | 137.4 | 134.9 | 137.4 |
| 62.5° | 104.3 | 105.5 | 105.5 | 105.5 | 106.7 | 105.5 | 104.3 | 105.5 | 104.3 | 104.3 | 105.5 |
| 65° | 68.7 | 69.9 | 69.9 | 68.7 | 71.1 | 68.7 | 69.9 | 71.1 | 72.4 | 71.1 | 72.4 |
| 67.5° | 46.6 | 46.6 | 47.9 | 49.1 | 47.9 | 49.1 | 50.3 | 49.1 | 50.3 | 52.8 | 50.3 |
| 70° | 34.3 | 35.6 | 35.6 | 34.3 | 33.1 | 34.3 | 33.1 | 36.8 | 36.8 | 36.8 | 39.2 |
| 72.5° | 22.1 | 22.1 | 20.9 | 20.9 | 20.9 | 20.9 | 20.9 | 24.5 | 22.1 | 20.9 | 23.3 |
| 75° | 12.3 | 13.5 | 13.5 | 9.8 | 11.1 | 13.5 | 9.8 | 11.1 | 14.7 | 12.3 | 14.7 |
| 77.5° | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 9.8 | 8.6 | 8.6 | 8.6 | 9.8 |
| 80° | 6.1 | 4.9 | 4.9 | 3.7 | 4.9 | 4.9 | 4.9 | 7.4 | 6.1 | 6.1 | 7.4 |
| 82.5° | 2.5 | 2.5 | 1.2 | 0.0 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 4.9 |
| 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 | 2.5 | 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: P244528

CATALOG NUMBER: LD8B40D010 ER8B40830 8LBSW0H

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2512.4 | 2512.4 | 2512.4 | 2512.4 | 2512.4 | 2512.4 | 2512.4 | 2512.4 | 2512.4 | 2512.4 | 2512.4 |
| 2.5° | 2509.9 | 2509.9 | 2508.7 | 2506.3 | 2501.3 | 2501.3 | 2500.1 | 2496.4 | 2494.0 | 2492.8 | 2492.8 |
| 5° | 2497.7 | 2492.8 | 2487.9 | 2474.4 | 2474.4 | 2471.9 | 2464.6 | 2459.6 | 2457.2 | 2451.1 | 2448.6 |
| 7.5° | 2486.7 | 2471.9 | 2463.3 | 2454.7 | 2443.7 | 2438.8 | 2430.2 | 2426.5 | 2417.9 | 2411.8 | 2408.1 |
| 10° | 2459.6 | 2449.8 | 2438.8 | 2425.3 | 2416.7 | 2406.9 | 2397.1 | 2389.8 | 2378.7 | 2372.5 | 2367.6 |
| 12.5° | 2441.3 | 2426.5 | 2416.7 | 2402.0 | 2387.3 | 2378.7 | 2365.2 | 2356.6 | 2345.6 | 2333.3 | 2325.9 |
| 15° | 2424.1 | 2408.1 | 2394.7 | 2378.7 | 2362.7 | 2352.9 | 2337.0 | 2327.2 | 2311.2 | 2299.0 | 2290.4 |
| 17.5° | 2398.3 | 2384.8 | 2370.1 | 2350.5 | 2335.8 | 2323.5 | 2306.3 | 2294.1 | 2279.3 | 2263.4 | 2254.8 |
| 20° | 2371.3 | 2355.4 | 2340.7 | 2321.0 | 2306.3 | 2291.6 | 2274.4 | 2260.9 | 2243.7 | 2229.0 | 2219.2 |
| 22.5° | 2335.8 | 2317.3 | 2305.1 | 2285.4 | 2268.3 | 2252.4 | 2236.4 | 2220.4 | 2204.5 | 2192.2 | 2181.2 |
| 25° | 2284.2 | 2264.6 | 2251.1 | 2235.1 | 2219.2 | 2207.0 | 2187.3 | 2177.5 | 2161.6 | 2150.5 | 2139.5 |
| 27.5° | 2210.6 | 2195.9 | 2183.6 | 2167.7 | 2154.2 | 2144.4 | 2129.7 | 2119.9 | 2106.3 | 2096.5 | 2087.9 |
| 30° | 2102.7 | 2090.4 | 2079.4 | 2063.4 | 2053.6 | 2045.0 | 2031.5 | 2022.9 | 2013.1 | 2002.1 | 1999.6 |
| 32.5° | 1957.9 | 1948.1 | 1937.1 | 1926.0 | 1918.6 | 1913.7 | 1902.7 | 1897.8 | 1888.0 | 1881.8 | 1875.7 |
| 35° | 1739.5 | 1731.0 | 1724.8 | 1719.9 | 1717.5 | 1718.7 | 1716.3 | 1721.2 | 1723.6 | 1722.4 | 1723.6 |
| 37.5° | 1453.7 | 1448.8 | 1451.3 | 1454.9 | 1467.2 | 1483.2 | 1497.9 | 1519.9 | 1534.7 | 1549.4 | 1562.9 |
| 40° | 1134.8 | 1138.4 | 1148.2 | 1170.3 | 1202.2 | 1237.8 | 1270.9 | 1312.7 | 1354.4 | 1383.8 | 1410.8 |
| 42.5° | 856.3 | 867.3 | 891.8 | 923.7 | 971.6 | 1024.3 | 1075.9 | 1137.2 | 1187.5 | 1236.6 | 1270.9 |
| 45° | 644.1 | 658.8 | 690.7 | 734.8 | 787.6 | 848.9 | 914.0 | 982.6 | 1042.8 | 1093.1 | 1131.1 |
| 47.5° | 501.8 | 515.2 | 547.2 | 593.8 | 658.8 | 722.6 | 790.0 | 861.2 | 923.7 | 972.8 | 1006.0 |
| 50° | 396.2 | 413.4 | 441.6 | 490.7 | 555.7 | 623.2 | 693.1 | 763.0 | 821.9 | 863.7 | 893.1 |
| 52.5° | 311.6 | 327.6 | 354.5 | 406.1 | 472.3 | 539.8 | 604.8 | 673.5 | 725.0 | 765.5 | 785.1 |
| 55° | 241.7 | 256.4 | 284.6 | 327.6 | 390.1 | 456.4 | 521.4 | 580.3 | 628.1 | 657.5 | 676.0 |
| 57.5° | 184.0 | 195.1 | 214.7 | 257.6 | 314.1 | 375.4 | 430.6 | 489.5 | 526.3 | 547.2 | 559.4 |
| 60° | 139.9 | 148.5 | 169.3 | 202.4 | 253.9 | 306.7 | 353.3 | 397.5 | 426.9 | 444.1 | 456.4 |
| 62.5° | 105.5 | 115.3 | 130.0 | 158.2 | 197.5 | 240.5 | 279.7 | 312.8 | 337.4 | 348.4 | 357.0 |
| 65° | 72.4 | 79.7 | 90.8 | 112.9 | 146.0 | 176.6 | 207.3 | 231.9 | 247.8 | 260.1 | 265.0 |
| 67.5° | 54.0 | 58.9 | 65.0 | 82.2 | 105.5 | 130.0 | 150.9 | 168.0 | 185.3 | 190.2 | 198.7 |
| 70° | 40.5 | 44.2 | 50.3 | 62.6 | 76.0 | 93.2 | 110.4 | 120.2 | 132.5 | 141.1 | 143.6 |
| 72.5° | 25.8 | 27.0 | 33.1 | 40.5 | 51.5 | 62.6 | 73.6 | 82.2 | 89.6 | 94.5 | 96.9 |
| 75° | 14.7 | 22.1 | 22.1 | 29.4 | 36.8 | 41.7 | 49.1 | 55.2 | 58.9 | 62.6 | 62.6 |
| 77.5° | 9.8 | 13.5 | 14.7 | 18.4 | 22.1 | 28.2 | 34.3 | 38.0 | 41.7 | 42.9 | 42.9 |
| 80° | 8.6 | 9.8 | 9.8 | 13.5 | 16.0 | 20.9 | 24.5 | 25.8 | 28.2 | 29.4 | 31.9 |
| 82.5° | 3.7 | 4.9 | 6.1 | 9.8 | 11.1 | 11.1 | 14.7 | 16.0 | 18.4 | 19.6 | 19.6 |
| 85° | 1.2 | 2.5 | 2.5 | 3.7 | 6.1 | 7.4 | 8.6 | 9.8 | 11.1 | 11.1 | 12.3 |
| 87.5° | 1.2 | 1.2 | 0.0 | 1.2 | 2.5 | 2.5 | 4.9 | 4.9 | 4.9 | 7.4 | 7.4 |
| 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: P244528

CATALOG NUMBER: LD8B40D010 ER8B40830 8LBSW0H

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|-------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2512.4 | 2512.4 | 2512.4 | 2512.4 | 2512.4 | 2512.4 | 2512.4 |
| 2.5° | 2490.3 | 2491.6 | 2486.7 | 2485.4 | 2483.0 | 2484.2 | 2486.7 |
| 5° | 2444.9 | 2446.2 | 2441.3 | 2436.4 | 2436.4 | 2435.1 | 2436.4 |
| 7.5° | 2402.0 | 2403.2 | 2395.9 | 2393.4 | 2388.5 | 2389.8 | 2389.8 |
| 10° | 2359.1 | 2359.1 | 2348.0 | 2346.8 | 2343.1 | 2341.9 | 2341.9 |
| 12.5° | 2317.3 | 2313.7 | 2305.1 | 2300.2 | 2302.7 | 2295.3 | 2295.3 |
| 15° | 2280.5 | 2274.4 | 2263.4 | 2259.7 | 2253.6 | 2251.1 | 2251.1 |
| 17.5° | 2242.5 | 2237.6 | 2227.8 | 2220.4 | 2213.1 | 2211.9 | 2213.1 |
| 20° | 2205.7 | 2200.8 | 2188.5 | 2183.6 | 2177.5 | 2177.5 | 2175.1 |
| 22.5° | 2168.9 | 2164.0 | 2153.0 | 2149.3 | 2140.7 | 2140.7 | 2141.9 |
| 25° | 2130.9 | 2127.2 | 2114.9 | 2112.5 | 2111.3 | 2106.3 | 2108.8 |
| 27.5° | 2079.4 | 2076.9 | 2067.1 | 2063.4 | 2058.5 | 2057.3 | 2059.7 |
| 30° | 1984.9 | 1981.2 | 1973.9 | 1970.2 | 1961.6 | 1962.8 | 1965.2 |
| 32.5° | 1867.1 | 1862.2 | 1852.4 | 1848.7 | 1841.4 | 1838.9 | 1840.1 |
| 35° | 1719.9 | 1716.3 | 1707.7 | 1707.7 | 1700.3 | 1697.8 | 1700.3 |
| 37.5° | 1570.3 | 1573.9 | 1570.3 | 1573.9 | 1570.3 | 1569.0 | 1570.3 |
| 40° | 1429.2 | 1442.7 | 1445.1 | 1458.6 | 1453.7 | 1461.1 | 1459.8 |
| 42.5° | 1294.2 | 1316.3 | 1324.9 | 1335.9 | 1333.5 | 1338.4 | 1342.1 |
| 45° | 1158.0 | 1176.5 | 1185.1 | 1192.4 | 1193.6 | 1196.1 | 1197.3 |
| 47.5° | 1029.2 | 1044.0 | 1045.2 | 1053.8 | 1052.6 | 1052.6 | 1056.2 |
| 50° | 909.1 | 918.8 | 921.3 | 927.4 | 922.5 | 920.1 | 921.3 |
| 52.5° | 797.4 | 807.2 | 804.7 | 807.2 | 801.1 | 798.6 | 799.8 |
| 55° | 683.3 | 688.2 | 688.2 | 688.2 | 680.9 | 680.9 | 680.9 |
| 57.5° | 566.8 | 568.0 | 565.5 | 566.8 | 565.5 | 558.2 | 557.0 |
| 60° | 460.1 | 460.1 | 458.8 | 460.1 | 456.4 | 452.7 | 452.7 |
| 62.5° | 359.4 | 361.9 | 366.8 | 361.9 | 359.4 | 361.9 | 358.2 |
| 65° | 268.7 | 273.6 | 272.3 | 274.8 | 273.6 | 273.6 | 271.1 |
| 67.5° | 202.4 | 203.6 | 204.9 | 206.1 | 206.1 | 206.1 | 206.1 |
| 70° | 148.5 | 152.1 | 150.9 | 150.9 | 150.9 | 150.9 | 158.2 |
| 72.5° | 99.4 | 104.3 | 103.1 | 105.5 | 105.5 | 108.0 | 105.5 |
| 75° | 67.5 | 72.4 | 69.9 | 73.6 | 72.4 | 69.9 | 76.0 |
| 77.5° | 45.4 | 47.9 | 49.1 | 50.3 | 49.1 | 47.9 | 49.1 |
| 80° | 31.9 | 34.3 | 33.1 | 34.3 | 34.3 | 34.3 | 35.6 |
| 82.5° | 19.6 | 23.3 | 22.1 | 23.3 | 22.1 | 23.3 | 23.3 |
| 85° | 13.5 | 14.7 | 12.3 | 14.7 | 13.5 | 13.5 | 16.0 |
| 87.5° | 8.6 | 7.4 | 7.4 | 8.6 | 7.4 | 8.6 | 7.4 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)