

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: P245962

Luminaire Tested: **LSR8B40D010 EC8B40827 8LBSW0MW**

Issue Date: 03/03/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P245962  
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: LSR8B40D010 EC8B40827 8LBSW0MW  
Description: PORTFOLIO 8 INCH SINGLE WALL WASH DISTRIBUTION 60 DEGREE CUTOFF  
RECESSED DOWNLIGHT- CYLINDEC  
80 CRI 2700 CCT WITH MATTE WHITE TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 4085.0 lumens  
Efficiency: N/A  
Efficacy: 99.9 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

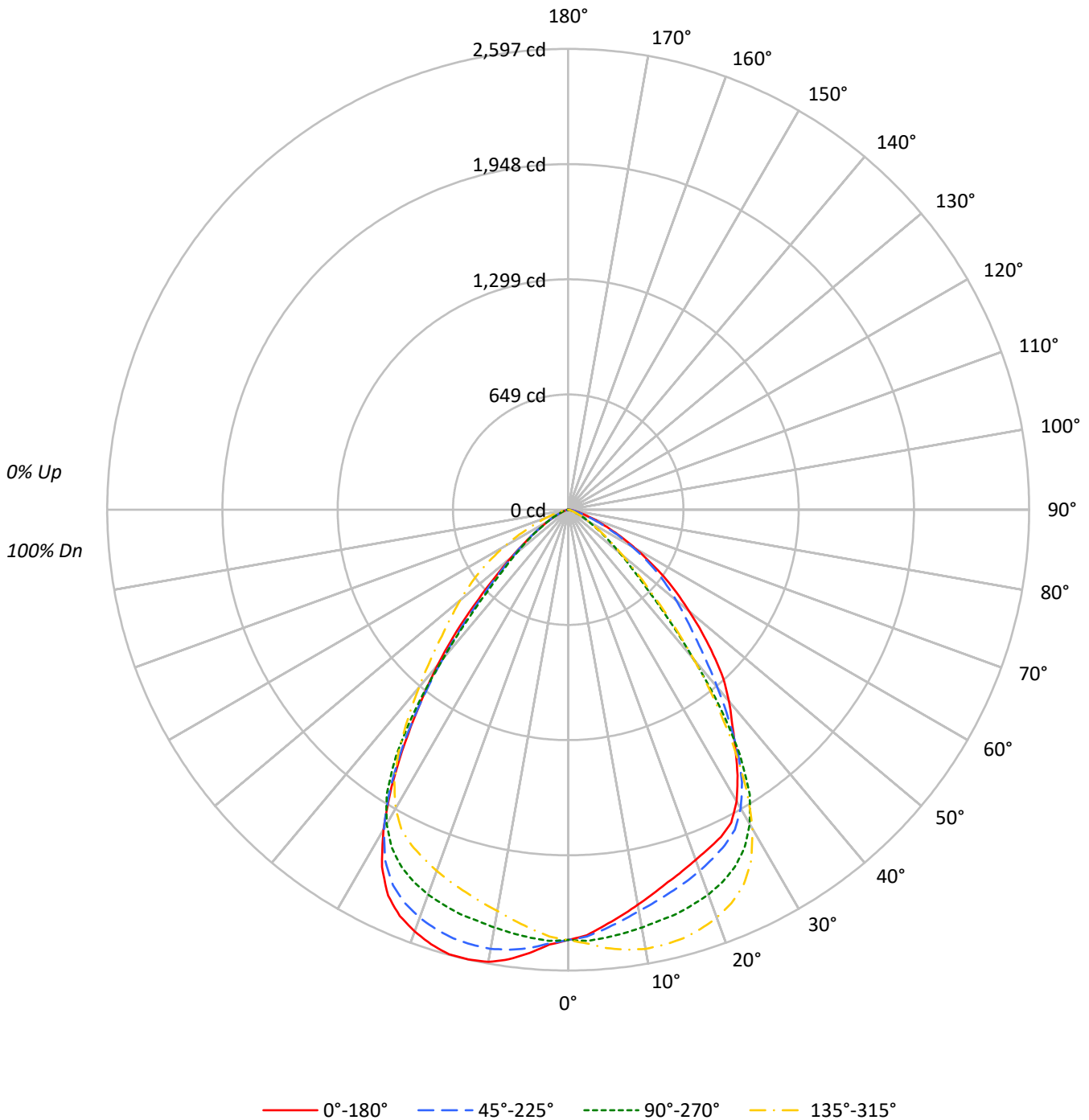
Input Watts (W): 40.9  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Luminous Intensity Polar Plot





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**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°  | 74781 | 74781 | 74781 | 74781 |
| 5°  | 72795 | 74958 | 77633 | 74958 |
| 10° | 70781 | 74861 | 81014 | 74861 |
| 15° | 69368 | 75303 | 82789 | 75303 |
| 20° | 68896 | 75734 | 83000 | 75734 |
| 25° | 69259 | 75581 | 81668 | 75581 |
| 30° | 67546 | 72816 | 74126 | 72816 |
| 35° | 61782 | 63521 | 60268 | 63521 |
| 40° | 56722 | 44187 | 46143 | 44187 |
| 45° | 50399 | 26955 | 31189 | 26955 |
| 50° | 42662 | 18009 | 19995 | 18009 |
| 55° | 35332 | 12284 | 12989 | 12284 |
| 60° | 26951 | 8178  | 8252  | 8178  |
| 65° | 19095 | 5093  | 4662  | 5093  |
| 70° | 13776 | 3417  | 3101  | 3417  |
| 75° | 8745  | 1692  | 1406  | 1692  |
| 80° | 6109  | 1261  | 1048  | 1261  |
| 85° | 5449  | 0     | 425   | 0     |



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 230.8  | 5.7       |
| 10°-20°   | 668.4  | 16.4      |
| 20°-30°   | 1012.1 | 24.8      |
| 30°-40°   | 1014.4 | 24.8      |
| 40°-50°   | 637.0  | 15.6      |
| 50°-60°   | 339.5  | 8.3       |
| 60°-70°   | 139.6  | 3.4       |
| 70°-80°   | 36.9   | 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°    | 1911.4 | 46.8      |
| 0°-40°    | 2925.8 | 71.6      |
| 0°-60°    | 3902.3 | 95.5      |
| 0°-90°    | 4085.0 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 4085.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 90°  | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0°  | 2425 | 2425 | 2425 | 2425 | 2425 |      |
| 5°  | 2352 | 2422 | 2508 | 2422 | 2352 | 222  |
| 15° | 2173 | 2359 | 2593 | 2359 | 2173 | 615  |
| 25° | 2036 | 2221 | 2400 | 2221 | 2036 | 934  |
| 35° | 1641 | 1687 | 1601 | 1687 | 1641 | 1028 |
| 45° | 1156 | 618  | 715  | 618  | 1156 | 889  |
| 55° | 657  | 228  | 242  | 228  | 657  | 586  |
| 65° | 262  | 70   | 64   | 70   | 262  | 271  |
| 75° | 73   | 14   | 12   | 14   | 73   | 83   |
| 85° | 15   | 0    | 1    | 0    | 15   | 17   |
| 90° | 0    | 0    | 0    | 0    | 0    |      |



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**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 2425.1 | 2425.1 | 2425.1 | 2425.1 | 2425.1 | 2425.1 | 2425.1 | 2425.1 | 2425.1 | 2425.1 | 2425.1 |
| 2.5°  | 2400.3 | 2397.9 | 2396.7 | 2399.1 | 2400.3 | 2405.0 | 2403.8 | 2406.2 | 2406.2 | 2407.4 | 2409.7 |
| 5°    | 2351.7 | 2350.5 | 2351.7 | 2351.7 | 2356.5 | 2361.2 | 2360.0 | 2363.6 | 2365.9 | 2371.9 | 2374.2 |
| 7.5°  | 2306.7 | 2306.7 | 2305.5 | 2310.3 | 2312.6 | 2319.8 | 2318.5 | 2324.5 | 2328.0 | 2333.9 | 2342.2 |
| 10°   | 2260.5 | 2260.5 | 2261.7 | 2265.3 | 2266.5 | 2277.1 | 2277.1 | 2285.4 | 2290.1 | 2296.1 | 2306.7 |
| 12.5° | 2215.6 | 2215.6 | 2222.7 | 2220.3 | 2225.0 | 2233.3 | 2236.9 | 2245.1 | 2252.3 | 2264.1 | 2274.8 |
| 15°   | 2172.9 | 2172.9 | 2175.3 | 2181.2 | 2184.7 | 2195.4 | 2201.3 | 2210.8 | 2219.1 | 2231.0 | 2246.4 |
| 17.5° | 2136.2 | 2135.0 | 2136.2 | 2143.3 | 2150.4 | 2159.9 | 2164.6 | 2176.5 | 2184.7 | 2200.1 | 2214.4 |
| 20°   | 2099.5 | 2101.9 | 2101.9 | 2107.8 | 2112.5 | 2124.4 | 2129.1 | 2142.1 | 2151.6 | 2165.8 | 2182.4 |
| 22.5° | 2067.5 | 2066.4 | 2066.4 | 2074.6 | 2078.2 | 2088.8 | 2093.6 | 2105.4 | 2116.1 | 2127.9 | 2143.3 |
| 25°   | 2035.6 | 2033.2 | 2037.9 | 2039.1 | 2041.4 | 2053.3 | 2056.9 | 2065.1 | 2075.8 | 2086.5 | 2101.9 |
| 27.5° | 1988.2 | 1985.8 | 1987.0 | 1991.7 | 1995.3 | 2004.7 | 2007.1 | 2015.4 | 2023.7 | 2033.2 | 2046.2 |
| 30°   | 1897.0 | 1894.6 | 1893.5 | 1901.8 | 1905.3 | 1912.4 | 1915.9 | 1930.2 | 1932.5 | 1943.2 | 1952.6 |
| 32.5° | 1776.2 | 1775.0 | 1777.4 | 1784.5 | 1788.0 | 1797.6 | 1802.3 | 1810.6 | 1816.5 | 1822.4 | 1831.9 |
| 35°   | 1641.2 | 1638.9 | 1641.2 | 1648.4 | 1648.4 | 1656.6 | 1660.2 | 1663.7 | 1662.5 | 1663.7 | 1661.4 |
| 37.5° | 1515.7 | 1514.5 | 1515.7 | 1519.2 | 1515.7 | 1519.2 | 1515.7 | 1508.6 | 1495.6 | 1481.4 | 1467.1 |
| 40°   | 1409.1 | 1410.3 | 1403.2 | 1408.0 | 1394.9 | 1392.6 | 1379.6 | 1361.8 | 1335.7 | 1307.3 | 1267.1 |
| 42.5° | 1295.5 | 1291.9 | 1287.2 | 1289.5 | 1278.9 | 1270.6 | 1249.3 | 1226.8 | 1193.6 | 1146.3 | 1097.7 |
| 45°   | 1155.7 | 1154.6 | 1152.2 | 1151.0 | 1143.9 | 1135.6 | 1117.8 | 1091.8 | 1055.1 | 1006.5 | 948.5  |
| 47.5° | 1019.6 | 1016.0 | 1016.0 | 1017.2 | 1008.9 | 1007.7 | 993.5  | 971.0  | 939.0  | 891.7  | 831.3  |
| 50°   | 889.3  | 888.1  | 890.5  | 895.2  | 889.3  | 886.9  | 877.5  | 862.1  | 833.7  | 793.4  | 736.5  |
| 52.5° | 772.1  | 770.9  | 773.3  | 779.2  | 776.8  | 779.2  | 769.7  | 757.9  | 738.9  | 699.8  | 650.1  |
| 55°   | 657.2  | 657.2  | 657.2  | 664.3  | 664.3  | 664.3  | 659.6  | 652.5  | 634.7  | 606.3  | 560.1  |
| 57.5° | 537.6  | 538.8  | 545.9  | 547.1  | 545.9  | 548.3  | 547.1  | 539.9  | 528.2  | 508.0  | 472.5  |
| 60°   | 437.0  | 437.0  | 440.5  | 444.1  | 442.9  | 444.1  | 444.1  | 440.5  | 428.7  | 412.1  | 383.7  |
| 62.5° | 345.8  | 349.3  | 346.9  | 349.3  | 354.1  | 349.3  | 346.9  | 344.6  | 336.3  | 325.6  | 301.9  |
| 65°   | 261.7  | 264.1  | 264.1  | 265.2  | 262.9  | 264.1  | 259.3  | 255.8  | 251.1  | 239.2  | 223.8  |
| 67.5° | 199.0  | 199.0  | 199.0  | 199.0  | 197.7  | 196.6  | 195.4  | 191.8  | 183.6  | 178.8  | 162.2  |
| 70°   | 152.8  | 145.6  | 145.6  | 145.6  | 145.6  | 146.9  | 143.3  | 138.6  | 136.2  | 127.9  | 116.1  |
| 72.5° | 101.8  | 104.2  | 101.8  | 101.8  | 99.5   | 100.6  | 95.9   | 93.5   | 91.2   | 86.5   | 79.3   |
| 75°   | 73.4   | 67.5   | 69.8   | 71.1   | 67.5   | 69.8   | 65.1   | 60.4   | 60.4   | 56.8   | 53.3   |
| 77.5° | 47.4   | 46.2   | 47.4   | 48.5   | 47.4   | 46.2   | 43.8   | 41.4   | 41.4   | 40.3   | 36.7   |
| 80°   | 34.4   | 33.1   | 33.1   | 33.1   | 32.0   | 33.1   | 30.8   | 30.8   | 28.4   | 27.2   | 24.9   |
| 82.5° | 22.5   | 22.5   | 21.3   | 22.5   | 21.3   | 22.5   | 19.0   | 19.0   | 19.0   | 17.7   | 15.4   |
| 85°   | 15.4   | 13.0   | 13.0   | 14.2   | 11.8   | 14.2   | 13.0   | 11.8   | 10.7   | 10.7   | 9.5    |
| 87.5° | 7.1    | 8.3    | 7.1    | 8.3    | 7.1    | 7.1    | 8.3    | 7.1    | 7.1    | 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    |



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**CANDELA DISTRIBUTION (continued):**

|       | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°   | 105°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 2425.1 | 2425.1 | 2425.1 | 2425.1 | 2425.1 | 2425.1 | 2425.1 | 2425.1 | 2425.1 | 2425.1 | 2425.1 |
| 2.5°  | 2413.3 | 2414.5 | 2414.5 | 2419.2 | 2421.6 | 2422.7 | 2422.7 | 2432.3 | 2428.7 | 2431.1 | 2433.4 |
| 5°    | 2379.0 | 2386.0 | 2388.4 | 2388.4 | 2401.4 | 2406.2 | 2410.9 | 2421.6 | 2422.7 | 2429.9 | 2438.1 |
| 7.5°  | 2345.8 | 2354.1 | 2358.8 | 2369.5 | 2377.8 | 2386.0 | 2400.3 | 2407.4 | 2414.5 | 2424.0 | 2434.6 |
| 10°   | 2313.8 | 2323.3 | 2332.8 | 2341.1 | 2354.1 | 2364.7 | 2374.2 | 2390.8 | 2399.1 | 2412.1 | 2426.3 |
| 12.5° | 2283.1 | 2296.1 | 2304.4 | 2318.5 | 2332.8 | 2342.2 | 2356.5 | 2371.9 | 2384.9 | 2397.9 | 2414.5 |
| 15°   | 2255.8 | 2271.2 | 2280.7 | 2296.1 | 2311.5 | 2324.5 | 2339.9 | 2358.8 | 2368.3 | 2383.7 | 2399.1 |
| 17.5° | 2226.2 | 2242.8 | 2254.6 | 2268.8 | 2287.8 | 2302.0 | 2315.0 | 2333.9 | 2345.8 | 2362.4 | 2380.1 |
| 20°   | 2195.4 | 2212.0 | 2226.2 | 2240.4 | 2259.4 | 2273.6 | 2289.0 | 2307.9 | 2320.9 | 2337.5 | 2351.7 |
| 22.5° | 2158.7 | 2174.1 | 2189.5 | 2206.0 | 2225.0 | 2236.9 | 2254.6 | 2271.2 | 2285.4 | 2300.8 | 2315.0 |
| 25°   | 2111.3 | 2130.3 | 2142.1 | 2157.5 | 2172.9 | 2185.9 | 2204.9 | 2221.4 | 2233.3 | 2247.5 | 2260.5 |
| 27.5° | 2055.7 | 2069.9 | 2079.4 | 2092.4 | 2107.8 | 2119.6 | 2133.8 | 2150.4 | 2162.3 | 2175.3 | 2184.7 |
| 30°   | 1960.9 | 1974.0 | 1982.3 | 1991.7 | 2007.1 | 2017.8 | 2029.7 | 2045.0 | 2053.3 | 2062.8 | 2071.1 |
| 32.5° | 1836.6 | 1847.3 | 1852.0 | 1859.1 | 1869.8 | 1880.4 | 1889.9 | 1902.9 | 1906.5 | 1912.4 | 1912.4 |
| 35°   | 1656.6 | 1659.0 | 1657.8 | 1660.2 | 1664.9 | 1670.8 | 1679.1 | 1687.4 | 1692.1 | 1692.1 | 1688.6 |
| 37.5° | 1445.8 | 1431.7 | 1416.3 | 1404.4 | 1400.9 | 1398.5 | 1403.2 | 1406.7 | 1411.5 | 1413.9 | 1408.0 |
| 40°   | 1226.8 | 1194.8 | 1160.5 | 1129.7 | 1108.4 | 1098.9 | 1095.3 | 1097.7 | 1097.7 | 1106.0 | 1106.0 |
| 42.5° | 1038.5 | 988.8  | 937.9  | 891.7  | 860.9  | 837.2  | 826.5  | 826.5  | 827.7  | 833.7  | 837.2  |
| 45°   | 882.2  | 819.4  | 760.2  | 709.3  | 666.7  | 635.9  | 621.7  | 618.1  | 617.0  | 619.3  | 627.6  |
| 47.5° | 762.6  | 697.5  | 635.9  | 573.1  | 528.2  | 497.3  | 484.3  | 479.6  | 474.8  | 479.6  | 480.8  |
| 50°   | 669.1  | 601.6  | 536.4  | 473.7  | 426.3  | 399.0  | 382.5  | 375.4  | 374.2  | 374.2  | 376.6  |
| 52.5° | 583.8  | 521.0  | 455.9  | 392.0  | 342.2  | 316.2  | 300.8  | 297.2  | 292.5  | 297.2  | 297.2  |
| 55°   | 503.2  | 440.5  | 376.6  | 316.2  | 274.7  | 247.5  | 233.3  | 228.5  | 226.2  | 229.7  | 229.7  |
| 57.5° | 415.7  | 362.3  | 303.2  | 248.7  | 207.2  | 188.3  | 177.6  | 171.7  | 170.5  | 172.9  | 170.5  |
| 60°   | 341.0  | 296.1  | 245.1  | 195.4  | 163.4  | 143.3  | 135.0  | 132.6  | 130.2  | 132.6  | 132.6  |
| 62.5° | 270.0  | 232.1  | 190.6  | 152.8  | 125.5  | 111.3  | 101.8  | 101.8  | 100.6  | 100.6  | 101.8  |
| 65°   | 200.1  | 170.5  | 140.9  | 108.9  | 87.6   | 77.0   | 69.8   | 69.8   | 68.7   | 69.8   | 68.7   |
| 67.5° | 145.6  | 125.5  | 101.8  | 79.3   | 62.8   | 56.8   | 52.1   | 48.5   | 50.9   | 48.5   | 47.4   |
| 70°   | 106.6  | 90.0   | 73.4   | 60.4   | 48.5   | 42.6   | 39.1   | 37.9   | 35.5   | 35.5   | 35.5   |
| 72.5° | 71.1   | 60.4   | 49.7   | 39.1   | 32.0   | 26.0   | 24.9   | 22.5   | 20.1   | 21.3   | 23.7   |
| 75°   | 47.4   | 40.3   | 35.5   | 28.4   | 21.3   | 21.3   | 14.2   | 14.2   | 11.8   | 14.2   | 10.7   |
| 77.5° | 33.1   | 27.2   | 21.3   | 17.7   | 14.2   | 13.0   | 9.5    | 9.5    | 8.3    | 8.3    | 8.3    |
| 80°   | 23.7   | 20.1   | 15.4   | 13.0   | 9.5    | 9.5    | 8.3    | 7.1    | 5.9    | 5.9    | 7.1    |
| 82.5° | 14.2   | 10.7   | 10.7   | 9.5    | 5.9    | 4.7    | 3.6    | 4.7    | 2.4    | 2.4    | 2.4    |
| 85°   | 8.3    | 7.1    | 5.9    | 3.6    | 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    |



TEST NUMBER: P245962

CATALOG NUMBER: LSR8B40D010 EC8B40827 8LBSW0MW

**CANDELA DISTRIBUTION (continued):**

|       | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   | 160°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 2425.1 | 2425.1 | 2425.1 | 2425.1 | 2425.1 | 2425.1 | 2425.1 | 2425.1 | 2425.1 | 2425.1 | 2425.1 |
| 2.5°  | 2439.4 | 2438.1 | 2440.5 | 2440.5 | 2447.7 | 2446.4 | 2450.0 | 2450.0 | 2447.7 | 2448.8 | 2453.6 |
| 5°    | 2447.7 | 2451.2 | 2458.3 | 2464.2 | 2474.9 | 2479.6 | 2485.5 | 2491.5 | 2492.6 | 2496.2 | 2499.8 |
| 7.5°  | 2447.7 | 2459.5 | 2467.8 | 2478.4 | 2492.6 | 2500.9 | 2513.9 | 2524.6 | 2529.3 | 2535.2 | 2542.4 |
| 10°   | 2442.9 | 2454.7 | 2470.1 | 2482.0 | 2499.8 | 2512.8 | 2525.8 | 2542.4 | 2549.5 | 2558.9 | 2568.4 |
| 12.5° | 2433.4 | 2446.4 | 2463.0 | 2478.4 | 2498.5 | 2510.4 | 2527.0 | 2542.4 | 2553.0 | 2566.0 | 2576.7 |
| 15°   | 2419.2 | 2434.6 | 2450.0 | 2465.4 | 2486.7 | 2500.9 | 2516.3 | 2534.1 | 2544.7 | 2558.9 | 2568.4 |
| 17.5° | 2396.7 | 2413.3 | 2427.5 | 2441.7 | 2461.8 | 2478.4 | 2492.6 | 2509.2 | 2519.9 | 2531.7 | 2544.7 |
| 20°   | 2369.5 | 2384.9 | 2400.3 | 2412.1 | 2432.3 | 2446.4 | 2461.8 | 2477.2 | 2485.5 | 2487.9 | 2508.0 |
| 22.5° | 2335.2 | 2345.8 | 2357.6 | 2376.6 | 2388.4 | 2401.4 | 2415.7 | 2429.9 | 2438.1 | 2451.2 | 2458.3 |
| 25°   | 2278.3 | 2289.0 | 2302.0 | 2310.3 | 2324.5 | 2335.2 | 2349.3 | 2364.7 | 2369.5 | 2379.0 | 2386.0 |
| 27.5° | 2199.0 | 2204.9 | 2210.8 | 2217.9 | 2226.2 | 2232.1 | 2240.4 | 2247.5 | 2252.3 | 2257.0 | 2261.7 |
| 30°   | 2073.4 | 2073.4 | 2073.4 | 2068.7 | 2072.3 | 2075.8 | 2077.0 | 2075.8 | 2075.8 | 2074.6 | 2074.6 |
| 32.5° | 1907.7 | 1898.2 | 1887.5 | 1878.1 | 1874.5 | 1869.8 | 1867.4 | 1863.8 | 1857.9 | 1854.4 | 1855.6 |
| 35°   | 1683.8 | 1662.5 | 1649.5 | 1637.7 | 1628.2 | 1621.1 | 1617.6 | 1614.0 | 1612.8 | 1608.1 | 1603.3 |
| 37.5° | 1404.4 | 1389.0 | 1379.6 | 1372.4 | 1364.2 | 1357.0 | 1358.2 | 1359.4 | 1362.9 | 1360.6 | 1361.8 |
| 40°   | 1108.4 | 1104.8 | 1108.4 | 1100.1 | 1097.7 | 1100.1 | 1106.0 | 1114.3 | 1119.0 | 1123.8 | 1132.0 |
| 42.5° | 843.1  | 849.0  | 857.3  | 857.3  | 860.9  | 865.6  | 872.7  | 885.8  | 892.8  | 901.1  | 910.6  |
| 45°   | 634.7  | 641.8  | 652.5  | 656.0  | 658.4  | 664.3  | 672.6  | 683.2  | 688.0  | 695.1  | 703.4  |
| 47.5° | 489.1  | 493.8  | 499.7  | 505.6  | 511.5  | 513.9  | 522.2  | 522.2  | 528.2  | 532.9  | 535.2  |
| 50°   | 381.3  | 386.0  | 390.8  | 394.3  | 396.7  | 400.3  | 402.6  | 406.2  | 407.3  | 409.7  | 410.9  |
| 52.5° | 298.4  | 304.3  | 304.3  | 306.7  | 310.2  | 313.8  | 312.6  | 313.8  | 315.0  | 315.0  | 318.5  |
| 55°   | 233.3  | 233.3  | 236.8  | 236.8  | 239.2  | 238.0  | 239.2  | 239.2  | 239.2  | 239.2  | 240.4  |
| 57.5° | 174.1  | 175.3  | 178.8  | 176.4  | 175.3  | 177.6  | 175.3  | 177.6  | 176.4  | 178.8  | 175.3  |
| 60°   | 133.8  | 133.8  | 135.0  | 135.0  | 136.2  | 136.2  | 136.2  | 135.0  | 135.0  | 133.8  | 133.8  |
| 62.5° | 100.6  | 101.8  | 103.0  | 101.8  | 101.8  | 101.8  | 100.6  | 100.6  | 99.5   | 98.3   | 98.3   |
| 65°   | 67.5   | 66.3   | 68.7   | 66.3   | 67.5   | 67.5   | 66.3   | 67.5   | 63.9   | 65.1   | 63.9   |
| 67.5° | 48.5   | 47.4   | 46.2   | 47.4   | 46.2   | 45.0   | 45.0   | 46.2   | 47.4   | 43.8   | 43.8   |
| 70°   | 32.0   | 33.1   | 32.0   | 33.1   | 34.4   | 34.4   | 33.1   | 32.0   | 33.1   | 30.8   | 32.0   |
| 72.5° | 20.1   | 20.1   | 20.1   | 20.1   | 20.1   | 21.3   | 21.3   | 21.3   | 19.0   | 19.0   | 17.7   |
| 75°   | 9.5    | 13.0   | 10.7   | 9.5    | 13.0   | 13.0   | 11.8   | 11.8   | 10.7   | 10.7   | 10.7   |
| 77.5° | 9.5    | 7.1    | 7.1    | 7.1    | 7.1    | 7.1    | 7.1    | 7.1    | 5.9    | 7.1    | 5.9    |
| 80°   | 4.7    | 4.7    | 4.7    | 3.6    | 4.7    | 4.7    | 5.9    | 4.7    | 4.7    | 3.6    | 5.9    |
| 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: P245962

CATALOG NUMBER: LSR8B40D010 EC8B40827 8LBSW0MW

**CANDELA DISTRIBUTION (continued):**

|       | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 2425.1 | 2425.1 | 2425.1 | 2425.1 | 2425.1 | 2425.1 | 2425.1 | 2425.1 | 2425.1 | 2425.1 | 2425.1 |
| 2.5°  | 2452.4 | 2451.2 | 2452.4 | 2453.6 | 2452.4 | 2451.2 | 2452.4 | 2453.6 | 2448.8 | 2447.7 | 2450.0 |
| 5°    | 2504.5 | 2504.5 | 2506.8 | 2508.0 | 2506.8 | 2504.5 | 2504.5 | 2499.8 | 2496.2 | 2492.6 | 2491.5 |
| 7.5°  | 2549.5 | 2551.9 | 2554.2 | 2555.4 | 2554.2 | 2551.9 | 2549.5 | 2542.4 | 2535.2 | 2529.3 | 2524.6 |
| 10°   | 2576.7 | 2580.3 | 2585.0 | 2587.3 | 2585.0 | 2580.3 | 2576.7 | 2568.4 | 2558.9 | 2549.5 | 2542.4 |
| 12.5° | 2588.6 | 2592.1 | 2598.0 | 2596.8 | 2598.0 | 2592.1 | 2588.6 | 2576.7 | 2566.0 | 2553.0 | 2542.4 |
| 15°   | 2580.3 | 2585.0 | 2590.9 | 2593.3 | 2590.9 | 2585.0 | 2580.3 | 2568.4 | 2558.9 | 2544.7 | 2534.1 |
| 17.5° | 2554.2 | 2561.3 | 2564.9 | 2568.4 | 2564.9 | 2561.3 | 2554.2 | 2544.7 | 2531.7 | 2519.9 | 2509.2 |
| 20°   | 2518.7 | 2523.4 | 2528.2 | 2529.3 | 2528.2 | 2523.4 | 2518.7 | 2508.0 | 2487.9 | 2485.5 | 2477.2 |
| 22.5° | 2467.8 | 2471.3 | 2482.0 | 2478.4 | 2482.0 | 2471.3 | 2467.8 | 2458.3 | 2451.2 | 2438.1 | 2429.9 |
| 25°   | 2394.3 | 2397.9 | 2399.1 | 2400.3 | 2399.1 | 2397.9 | 2394.3 | 2386.0 | 2379.0 | 2369.5 | 2364.7 |
| 27.5° | 2267.7 | 2267.7 | 2270.0 | 2271.2 | 2270.0 | 2267.7 | 2267.7 | 2261.7 | 2257.0 | 2252.3 | 2247.5 |
| 30°   | 2075.8 | 2075.8 | 2075.8 | 2081.8 | 2075.8 | 2075.8 | 2075.8 | 2074.6 | 2074.6 | 2075.8 | 2075.8 |
| 32.5° | 1854.4 | 1852.0 | 1849.7 | 1852.0 | 1849.7 | 1852.0 | 1854.4 | 1855.6 | 1854.4 | 1857.9 | 1863.8 |
| 35°   | 1603.3 | 1602.2 | 1605.7 | 1601.0 | 1605.7 | 1602.2 | 1603.3 | 1603.3 | 1608.1 | 1612.8 | 1614.0 |
| 37.5° | 1362.9 | 1360.6 | 1365.3 | 1360.6 | 1365.3 | 1360.6 | 1362.9 | 1361.8 | 1360.6 | 1362.9 | 1359.4 |
| 40°   | 1134.4 | 1136.8 | 1136.8 | 1146.3 | 1136.8 | 1136.8 | 1134.4 | 1132.0 | 1123.8 | 1119.0 | 1114.3 |
| 42.5° | 915.3  | 922.5  | 920.1  | 927.2  | 920.1  | 922.5  | 915.3  | 910.6  | 901.1  | 892.8  | 885.8  |
| 45°   | 708.1  | 712.9  | 712.9  | 715.2  | 712.9  | 712.9  | 708.1  | 703.4  | 695.1  | 688.0  | 683.2  |
| 47.5° | 543.5  | 543.5  | 543.5  | 544.7  | 543.5  | 543.5  | 543.5  | 535.2  | 532.9  | 528.2  | 522.2  |
| 50°   | 413.3  | 414.4  | 415.7  | 416.8  | 415.7  | 414.4  | 413.3  | 410.9  | 409.7  | 407.3  | 406.2  |
| 52.5° | 317.3  | 318.5  | 316.2  | 318.5  | 316.2  | 318.5  | 317.3  | 318.5  | 315.0  | 315.0  | 313.8  |
| 55°   | 240.4  | 239.2  | 240.4  | 241.6  | 240.4  | 239.2  | 240.4  | 240.4  | 239.2  | 239.2  | 239.2  |
| 57.5° | 176.4  | 174.1  | 174.1  | 174.1  | 174.1  | 174.1  | 176.4  | 175.3  | 178.8  | 176.4  | 177.6  |
| 60°   | 131.5  | 132.6  | 132.6  | 133.8  | 132.6  | 132.6  | 131.5  | 133.8  | 133.8  | 135.0  | 135.0  |
| 62.5° | 97.1   | 100.6  | 98.3   | 100.6  | 98.3   | 100.6  | 97.1   | 98.3   | 98.3   | 99.5   | 100.6  |
| 65°   | 62.8   | 62.8   | 62.8   | 63.9   | 62.8   | 62.8   | 62.8   | 63.9   | 65.1   | 63.9   | 67.5   |
| 67.5° | 42.6   | 43.8   | 46.2   | 45.0   | 46.2   | 43.8   | 42.6   | 43.8   | 43.8   | 47.4   | 46.2   |
| 70°   | 34.4   | 30.8   | 30.8   | 34.4   | 30.8   | 30.8   | 34.4   | 32.0   | 30.8   | 33.1   | 32.0   |
| 72.5° | 20.1   | 17.7   | 20.1   | 20.1   | 20.1   | 17.7   | 20.1   | 17.7   | 19.0   | 19.0   | 21.3   |
| 75°   | 10.7   | 9.5    | 8.3    | 11.8   | 8.3    | 9.5    | 10.7   | 10.7   | 10.7   | 10.7   | 11.8   |
| 77.5° | 7.1    | 5.9    | 8.3    | 8.3    | 8.3    | 5.9    | 7.1    | 5.9    | 7.1    | 5.9    | 7.1    |
| 80°   | 3.6    | 4.7    | 3.6    | 5.9    | 3.6    | 4.7    | 3.6    | 5.9    | 3.6    | 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    |



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CATALOG NUMBER: LSR8B40D010 EC8B40827 8LBSW0MW

**CANDELA DISTRIBUTION (continued):**

|       | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°   | 265°   | 270°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 2425.1 | 2425.1 | 2425.1 | 2425.1 | 2425.1 | 2425.1 | 2425.1 | 2425.1 | 2425.1 | 2425.1 | 2425.1 |
| 2.5°  | 2450.0 | 2446.4 | 2447.7 | 2440.5 | 2440.5 | 2438.1 | 2439.4 | 2433.4 | 2431.1 | 2428.7 | 2432.3 |
| 5°    | 2485.5 | 2479.6 | 2474.9 | 2464.2 | 2458.3 | 2451.2 | 2447.7 | 2438.1 | 2429.9 | 2422.7 | 2421.6 |
| 7.5°  | 2513.9 | 2500.9 | 2492.6 | 2478.4 | 2467.8 | 2459.5 | 2447.7 | 2434.6 | 2424.0 | 2414.5 | 2407.4 |
| 10°   | 2525.8 | 2512.8 | 2499.8 | 2482.0 | 2470.1 | 2454.7 | 2442.9 | 2426.3 | 2412.1 | 2399.1 | 2390.8 |
| 12.5° | 2527.0 | 2510.4 | 2498.5 | 2478.4 | 2463.0 | 2446.4 | 2433.4 | 2414.5 | 2397.9 | 2384.9 | 2371.9 |
| 15°   | 2516.3 | 2500.9 | 2486.7 | 2465.4 | 2450.0 | 2434.6 | 2419.2 | 2399.1 | 2383.7 | 2368.3 | 2358.8 |
| 17.5° | 2492.6 | 2478.4 | 2461.8 | 2441.7 | 2427.5 | 2413.3 | 2396.7 | 2380.1 | 2362.4 | 2345.8 | 2333.9 |
| 20°   | 2461.8 | 2446.4 | 2432.3 | 2412.1 | 2400.3 | 2384.9 | 2369.5 | 2351.7 | 2337.5 | 2320.9 | 2307.9 |
| 22.5° | 2415.7 | 2401.4 | 2388.4 | 2376.6 | 2357.6 | 2345.8 | 2335.2 | 2315.0 | 2300.8 | 2285.4 | 2271.2 |
| 25°   | 2349.3 | 2335.2 | 2324.5 | 2310.3 | 2302.0 | 2289.0 | 2278.3 | 2260.5 | 2247.5 | 2233.3 | 2221.4 |
| 27.5° | 2240.4 | 2232.1 | 2226.2 | 2217.9 | 2210.8 | 2204.9 | 2199.0 | 2184.7 | 2175.3 | 2162.3 | 2150.4 |
| 30°   | 2077.0 | 2075.8 | 2072.3 | 2068.7 | 2073.4 | 2073.4 | 2073.4 | 2071.1 | 2062.8 | 2053.3 | 2045.0 |
| 32.5° | 1867.4 | 1869.8 | 1874.5 | 1878.1 | 1887.5 | 1898.2 | 1907.7 | 1912.4 | 1912.4 | 1906.5 | 1902.9 |
| 35°   | 1617.6 | 1621.1 | 1628.2 | 1637.7 | 1649.5 | 1662.5 | 1683.8 | 1688.6 | 1692.1 | 1692.1 | 1687.4 |
| 37.5° | 1358.2 | 1357.0 | 1364.2 | 1372.4 | 1379.6 | 1389.0 | 1404.4 | 1408.0 | 1413.9 | 1411.5 | 1406.7 |
| 40°   | 1106.0 | 1100.1 | 1097.7 | 1100.1 | 1108.4 | 1104.8 | 1108.4 | 1106.0 | 1106.0 | 1097.7 | 1097.7 |
| 42.5° | 872.7  | 865.6  | 860.9  | 857.3  | 857.3  | 849.0  | 843.1  | 837.2  | 833.7  | 827.7  | 826.5  |
| 45°   | 672.6  | 664.3  | 658.4  | 656.0  | 652.5  | 641.8  | 634.7  | 627.6  | 619.3  | 617.0  | 618.1  |
| 47.5° | 522.2  | 513.9  | 511.5  | 505.6  | 499.7  | 493.8  | 489.1  | 480.8  | 479.6  | 474.8  | 479.6  |
| 50°   | 402.6  | 400.3  | 396.7  | 394.3  | 390.8  | 386.0  | 381.3  | 376.6  | 374.2  | 374.2  | 375.4  |
| 52.5° | 312.6  | 313.8  | 310.2  | 306.7  | 304.3  | 304.3  | 298.4  | 297.2  | 297.2  | 292.5  | 297.2  |
| 55°   | 239.2  | 238.0  | 239.2  | 236.8  | 236.8  | 233.3  | 233.3  | 229.7  | 229.7  | 226.2  | 228.5  |
| 57.5° | 175.3  | 177.6  | 175.3  | 176.4  | 178.8  | 175.3  | 174.1  | 170.5  | 172.9  | 170.5  | 171.7  |
| 60°   | 136.2  | 136.2  | 136.2  | 135.0  | 135.0  | 133.8  | 133.8  | 132.6  | 132.6  | 130.2  | 132.6  |
| 62.5° | 100.6  | 101.8  | 101.8  | 101.8  | 103.0  | 101.8  | 100.6  | 101.8  | 100.6  | 100.6  | 101.8  |
| 65°   | 66.3   | 67.5   | 67.5   | 66.3   | 68.7   | 66.3   | 67.5   | 68.7   | 69.8   | 68.7   | 69.8   |
| 67.5° | 45.0   | 45.0   | 46.2   | 47.4   | 46.2   | 47.4   | 48.5   | 47.4   | 48.5   | 50.9   | 48.5   |
| 70°   | 33.1   | 34.4   | 34.4   | 33.1   | 32.0   | 33.1   | 32.0   | 35.5   | 35.5   | 35.5   | 37.9   |
| 72.5° | 21.3   | 21.3   | 20.1   | 20.1   | 20.1   | 20.1   | 20.1   | 23.7   | 21.3   | 20.1   | 22.5   |
| 75°   | 11.8   | 13.0   | 13.0   | 9.5    | 10.7   | 13.0   | 9.5    | 10.7   | 14.2   | 11.8   | 14.2   |
| 77.5° | 7.1    | 7.1    | 7.1    | 7.1    | 7.1    | 7.1    | 9.5    | 8.3    | 8.3    | 8.3    | 9.5    |
| 80°   | 5.9    | 4.7    | 4.7    | 3.6    | 4.7    | 4.7    | 4.7    | 7.1    | 5.9    | 5.9    | 7.1    |
| 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    |



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**CANDELA DISTRIBUTION (continued):**

|       | 275°   | 280°   | 285°   | 290°   | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 2425.1 | 2425.1 | 2425.1 | 2425.1 | 2425.1 | 2425.1 | 2425.1 | 2425.1 | 2425.1 | 2425.1 | 2425.1 |
| 2.5°  | 2422.7 | 2422.7 | 2421.6 | 2419.2 | 2414.5 | 2414.5 | 2413.3 | 2409.7 | 2407.4 | 2406.2 | 2406.2 |
| 5°    | 2410.9 | 2406.2 | 2401.4 | 2388.4 | 2388.4 | 2386.0 | 2379.0 | 2374.2 | 2371.9 | 2365.9 | 2363.6 |
| 7.5°  | 2400.3 | 2386.0 | 2377.8 | 2369.5 | 2358.8 | 2354.1 | 2345.8 | 2342.2 | 2333.9 | 2328.0 | 2324.5 |
| 10°   | 2374.2 | 2364.7 | 2354.1 | 2341.1 | 2332.8 | 2323.3 | 2313.8 | 2306.7 | 2296.1 | 2290.1 | 2285.4 |
| 12.5° | 2356.5 | 2342.2 | 2332.8 | 2318.5 | 2304.4 | 2296.1 | 2283.1 | 2274.8 | 2264.1 | 2252.3 | 2245.1 |
| 15°   | 2339.9 | 2324.5 | 2311.5 | 2296.1 | 2280.7 | 2271.2 | 2255.8 | 2246.4 | 2231.0 | 2219.1 | 2210.8 |
| 17.5° | 2315.0 | 2302.0 | 2287.8 | 2268.8 | 2254.6 | 2242.8 | 2226.2 | 2214.4 | 2200.1 | 2184.7 | 2176.5 |
| 20°   | 2289.0 | 2273.6 | 2259.4 | 2240.4 | 2226.2 | 2212.0 | 2195.4 | 2182.4 | 2165.8 | 2151.6 | 2142.1 |
| 22.5° | 2254.6 | 2236.9 | 2225.0 | 2206.0 | 2189.5 | 2174.1 | 2158.7 | 2143.3 | 2127.9 | 2116.1 | 2105.4 |
| 25°   | 2204.9 | 2185.9 | 2172.9 | 2157.5 | 2142.1 | 2130.3 | 2111.3 | 2101.9 | 2086.5 | 2075.8 | 2065.1 |
| 27.5° | 2133.8 | 2119.6 | 2107.8 | 2092.4 | 2079.4 | 2069.9 | 2055.7 | 2046.2 | 2033.2 | 2023.7 | 2015.4 |
| 30°   | 2029.7 | 2017.8 | 2007.1 | 1991.7 | 1982.3 | 1974.0 | 1960.9 | 1952.6 | 1943.2 | 1932.5 | 1930.2 |
| 32.5° | 1889.9 | 1880.4 | 1869.8 | 1859.1 | 1852.0 | 1847.3 | 1836.6 | 1831.9 | 1822.4 | 1816.5 | 1810.6 |
| 35°   | 1679.1 | 1670.8 | 1664.9 | 1660.2 | 1657.8 | 1659.0 | 1656.6 | 1661.4 | 1663.7 | 1662.5 | 1663.7 |
| 37.5° | 1403.2 | 1398.5 | 1400.9 | 1404.4 | 1416.3 | 1431.7 | 1445.8 | 1467.1 | 1481.4 | 1495.6 | 1508.6 |
| 40°   | 1095.3 | 1098.9 | 1108.4 | 1129.7 | 1160.5 | 1194.8 | 1226.8 | 1267.1 | 1307.3 | 1335.7 | 1361.8 |
| 42.5° | 826.5  | 837.2  | 860.9  | 891.7  | 937.9  | 988.8  | 1038.5 | 1097.7 | 1146.3 | 1193.6 | 1226.8 |
| 45°   | 621.7  | 635.9  | 666.7  | 709.3  | 760.2  | 819.4  | 882.2  | 948.5  | 1006.5 | 1055.1 | 1091.8 |
| 47.5° | 484.3  | 497.3  | 528.2  | 573.1  | 635.9  | 697.5  | 762.6  | 831.3  | 891.7  | 939.0  | 971.0  |
| 50°   | 382.5  | 399.0  | 426.3  | 473.7  | 536.4  | 601.6  | 669.1  | 736.5  | 793.4  | 833.7  | 862.1  |
| 52.5° | 300.8  | 316.2  | 342.2  | 392.0  | 455.9  | 521.0  | 583.8  | 650.1  | 699.8  | 738.9  | 757.9  |
| 55°   | 233.3  | 247.5  | 274.7  | 316.2  | 376.6  | 440.5  | 503.2  | 560.1  | 606.3  | 634.7  | 652.5  |
| 57.5° | 177.6  | 188.3  | 207.2  | 248.7  | 303.2  | 362.3  | 415.7  | 472.5  | 508.0  | 528.2  | 539.9  |
| 60°   | 135.0  | 143.3  | 163.4  | 195.4  | 245.1  | 296.1  | 341.0  | 383.7  | 412.1  | 428.7  | 440.5  |
| 62.5° | 101.8  | 111.3  | 125.5  | 152.8  | 190.6  | 232.1  | 270.0  | 301.9  | 325.6  | 336.3  | 344.6  |
| 65°   | 69.8   | 77.0   | 87.6   | 108.9  | 140.9  | 170.5  | 200.1  | 223.8  | 239.2  | 251.1  | 255.8  |
| 67.5° | 52.1   | 56.8   | 62.8   | 79.3   | 101.8  | 125.5  | 145.6  | 162.2  | 178.8  | 183.6  | 191.8  |
| 70°   | 39.1   | 42.6   | 48.5   | 60.4   | 73.4   | 90.0   | 106.6  | 116.1  | 127.9  | 136.2  | 138.6  |
| 72.5° | 24.9   | 26.0   | 32.0   | 39.1   | 49.7   | 60.4   | 71.1   | 79.3   | 86.5   | 91.2   | 93.5   |
| 75°   | 14.2   | 21.3   | 21.3   | 28.4   | 35.5   | 40.3   | 47.4   | 53.3   | 56.8   | 60.4   | 60.4   |
| 77.5° | 9.5    | 13.0   | 14.2   | 17.7   | 21.3   | 27.2   | 33.1   | 36.7   | 40.3   | 41.4   | 41.4   |
| 80°   | 8.3    | 9.5    | 9.5    | 13.0   | 15.4   | 20.1   | 23.7   | 24.9   | 27.2   | 28.4   | 30.8   |
| 82.5° | 3.6    | 4.7    | 5.9    | 9.5    | 10.7   | 10.7   | 14.2   | 15.4   | 17.7   | 19.0   | 19.0   |
| 85°   | 1.2    | 2.4    | 2.4    | 3.6    | 5.9    | 7.1    | 8.3    | 9.5    | 10.7   | 10.7   | 11.8   |
| 87.5° | 1.2    | 1.2    | 0.0    | 1.2    | 2.4    | 2.4    | 4.7    | 4.7    | 4.7    | 7.1    | 7.1    |
| 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: P245962

CATALOG NUMBER: LSR8B40D010 EC8B40827 8LBSW0MW

**CANDELA DISTRIBUTION (continued):**

|       | 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|-------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 2425.1 | 2425.1 | 2425.1 | 2425.1 | 2425.1 | 2425.1 | 2425.1 |
| 2.5°  | 2403.8 | 2405.0 | 2400.3 | 2399.1 | 2396.7 | 2397.9 | 2400.3 |
| 5°    | 2360.0 | 2361.2 | 2356.5 | 2351.7 | 2351.7 | 2350.5 | 2351.7 |
| 7.5°  | 2318.5 | 2319.8 | 2312.6 | 2310.3 | 2305.5 | 2306.7 | 2306.7 |
| 10°   | 2277.1 | 2277.1 | 2266.5 | 2265.3 | 2261.7 | 2260.5 | 2260.5 |
| 12.5° | 2236.9 | 2233.3 | 2225.0 | 2220.3 | 2222.7 | 2215.6 | 2215.6 |
| 15°   | 2201.3 | 2195.4 | 2184.7 | 2181.2 | 2175.3 | 2172.9 | 2172.9 |
| 17.5° | 2164.6 | 2159.9 | 2150.4 | 2143.3 | 2136.2 | 2135.0 | 2136.2 |
| 20°   | 2129.1 | 2124.4 | 2112.5 | 2107.8 | 2101.9 | 2101.9 | 2099.5 |
| 22.5° | 2093.6 | 2088.8 | 2078.2 | 2074.6 | 2066.4 | 2066.4 | 2067.5 |
| 25°   | 2056.9 | 2053.3 | 2041.4 | 2039.1 | 2037.9 | 2033.2 | 2035.6 |
| 27.5° | 2007.1 | 2004.7 | 1995.3 | 1991.7 | 1987.0 | 1985.8 | 1988.2 |
| 30°   | 1915.9 | 1912.4 | 1905.3 | 1901.8 | 1893.5 | 1894.6 | 1897.0 |
| 32.5° | 1802.3 | 1797.6 | 1788.0 | 1784.5 | 1777.4 | 1775.0 | 1776.2 |
| 35°   | 1660.2 | 1656.6 | 1648.4 | 1648.4 | 1641.2 | 1638.9 | 1641.2 |
| 37.5° | 1515.7 | 1519.2 | 1515.7 | 1519.2 | 1515.7 | 1514.5 | 1515.7 |
| 40°   | 1379.6 | 1392.6 | 1394.9 | 1408.0 | 1403.2 | 1410.3 | 1409.1 |
| 42.5° | 1249.3 | 1270.6 | 1278.9 | 1289.5 | 1287.2 | 1291.9 | 1295.5 |
| 45°   | 1117.8 | 1135.6 | 1143.9 | 1151.0 | 1152.2 | 1154.6 | 1155.7 |
| 47.5° | 993.5  | 1007.7 | 1008.9 | 1017.2 | 1016.0 | 1016.0 | 1019.6 |
| 50°   | 877.5  | 886.9  | 889.3  | 895.2  | 890.5  | 888.1  | 889.3  |
| 52.5° | 769.7  | 779.2  | 776.8  | 779.2  | 773.3  | 770.9  | 772.1  |
| 55°   | 659.6  | 664.3  | 664.3  | 664.3  | 657.2  | 657.2  | 657.2  |
| 57.5° | 547.1  | 548.3  | 545.9  | 547.1  | 545.9  | 538.8  | 537.6  |
| 60°   | 444.1  | 444.1  | 442.9  | 444.1  | 440.5  | 437.0  | 437.0  |
| 62.5° | 346.9  | 349.3  | 354.1  | 349.3  | 346.9  | 349.3  | 345.8  |
| 65°   | 259.3  | 264.1  | 262.9  | 265.2  | 264.1  | 264.1  | 261.7  |
| 67.5° | 195.4  | 196.6  | 197.7  | 199.0  | 199.0  | 199.0  | 199.0  |
| 70°   | 143.3  | 146.9  | 145.6  | 145.6  | 145.6  | 145.6  | 152.8  |
| 72.5° | 95.9   | 100.6  | 99.5   | 101.8  | 101.8  | 104.2  | 101.8  |
| 75°   | 65.1   | 69.8   | 67.5   | 71.1   | 69.8   | 67.5   | 73.4   |
| 77.5° | 43.8   | 46.2   | 47.4   | 48.5   | 47.4   | 46.2   | 47.4   |
| 80°   | 30.8   | 33.1   | 32.0   | 33.1   | 33.1   | 33.1   | 34.4   |
| 82.5° | 19.0   | 22.5   | 21.3   | 22.5   | 21.3   | 22.5   | 22.5   |
| 85°   | 13.0   | 14.2   | 11.8   | 14.2   | 13.0   | 13.0   | 15.4   |
| 87.5° | 8.3    | 7.1    | 7.1    | 8.3    | 7.1    | 8.3    | 7.1    |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

(END OF REPORT)