

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: P245818

Luminaire Tested: **LD8B40D010 ER8B40827 8LBSW0GPH**

Issue Date: 03/03/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P245818  
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 ER8B40827 8LBSW0GPH  
Description: PORTFOLIO 8 INCH SINGLE WALL WASH DISTRIBUTION 60 DEGREE CUTOFF  
RECESSED DOWNLIGHT  
80 CRI 2700 CCT WITH GRAPHITE TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 3821.0 lumens  
Efficiency: N/A  
Efficacy: 93.4 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

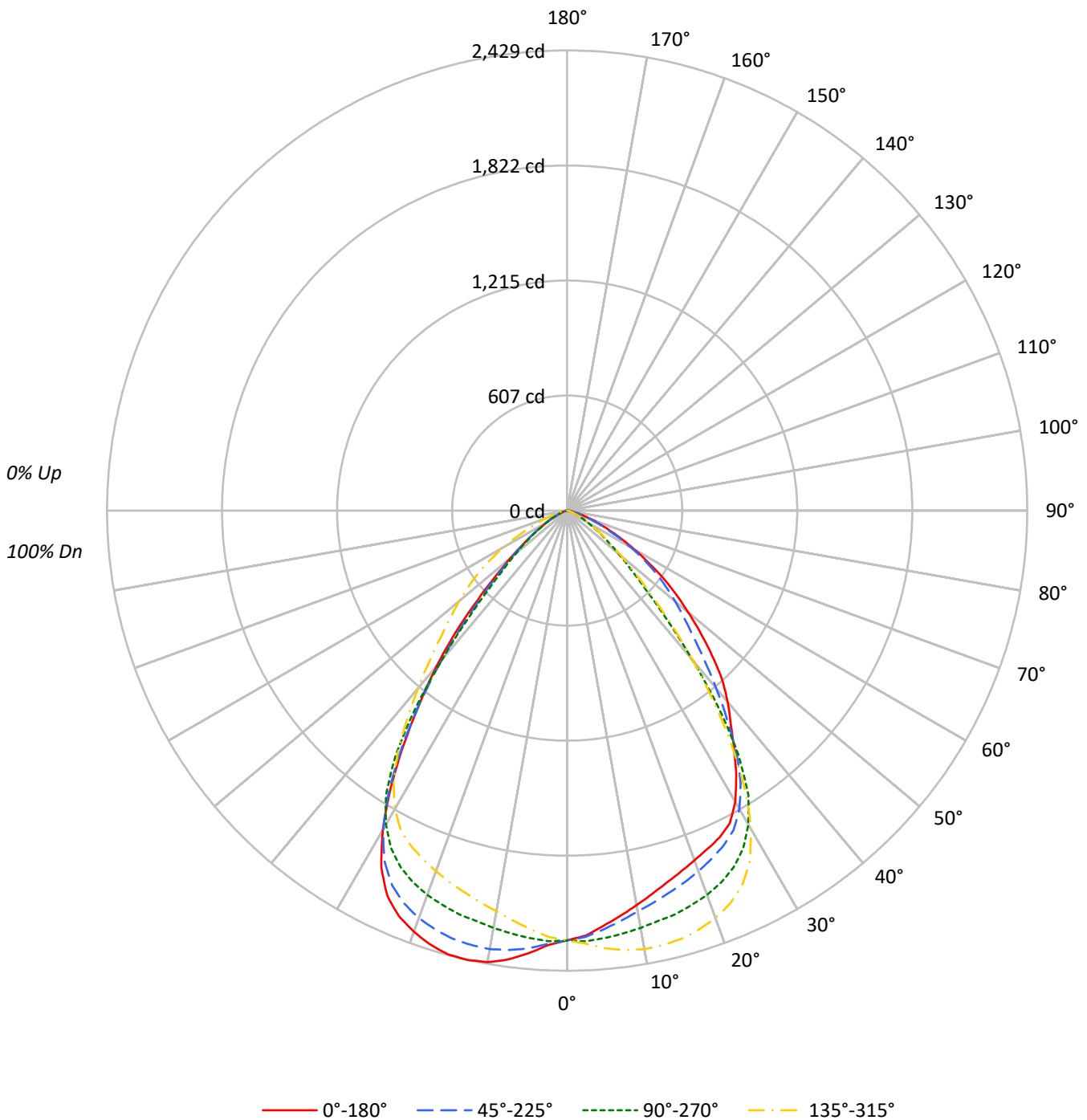
Input Watts (W): 40.9  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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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°  | 69949 | 69949 | 69949 | 69949 |
| 5°  | 68090 | 70114 | 72618 | 70114 |
| 10° | 66206 | 70023 | 75778 | 70023 |
| 15° | 64886 | 70437 | 77438 | 70437 |
| 20° | 64443 | 70842 | 77638 | 70842 |
| 25° | 64782 | 70699 | 76391 | 70699 |
| 30° | 63181 | 68109 | 69333 | 68109 |
| 35° | 57791 | 59414 | 56372 | 59414 |
| 40° | 53059 | 41329 | 43160 | 41329 |
| 45° | 47141 | 25215 | 29175 | 25215 |
| 50° | 39904 | 16843 | 18705 | 16843 |
| 55° | 33047 | 11494 | 12145 | 11494 |
| 60° | 25206 | 7654  | 7715  | 7654  |
| 65° | 17862 | 4765  | 4363  | 4765  |
| 70° | 12884 | 3192  | 2894  | 3192  |
| 75° | 8185  | 1585  | 1322  | 1585  |
| 80° | 5700  | 1190  | 977   | 1190  |
| 85° | 5095  | 0     | 389   | 0     |



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 215.9  | 5.7       |
| 10°-20°   | 625.2  | 16.4      |
| 20°-30°   | 946.7  | 24.8      |
| 30°-40°   | 948.9  | 24.8      |
| 40°-50°   | 595.8  | 15.6      |
| 50°-60°   | 317.5  | 8.3       |
| 60°-70°   | 130.6  | 3.4       |
| 70°-80°   | 34.5   | 0.9       |
| 80°-90°   | 5.8    | 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°    | 1787.9 | 46.8      |
| 0°-40°    | 2736.7 | 71.6      |
| 0°-60°    | 3650.1 | 95.5      |
| 0°-90°    | 3821.0 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 3821.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 90°  | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0°  | 2268 | 2268 | 2268 | 2268 | 2268 |      |
| 5°  | 2200 | 2265 | 2346 | 2265 | 2200 | 207  |
| 15° | 2032 | 2206 | 2426 | 2206 | 2032 | 575  |
| 25° | 1904 | 2078 | 2245 | 2078 | 1904 | 873  |
| 35° | 1535 | 1578 | 1498 | 1578 | 1535 | 962  |
| 45° | 1081 | 578  | 669  | 578  | 1081 | 831  |
| 55° | 615  | 214  | 226  | 214  | 615  | 548  |
| 65° | 245  | 65   | 60   | 65   | 245  | 254  |
| 75° | 69   | 13   | 11   | 13   | 69   | 78   |
| 85° | 14   | 0    | 1    | 0    | 14   | 16   |
| 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°    | 2268.4 | 2268.4 | 2268.4 | 2268.4 | 2268.4 | 2268.4 | 2268.4 | 2268.4 | 2268.4 | 2268.4 | 2268.4 |
| 2.5°  | 2245.2 | 2242.9 | 2241.8 | 2244.1 | 2245.2 | 2249.6 | 2248.5 | 2250.7 | 2250.7 | 2251.8 | 2254.0 |
| 5°    | 2199.7 | 2198.6 | 2199.7 | 2199.7 | 2204.2 | 2208.6 | 2207.5 | 2210.8 | 2213.0 | 2218.6 | 2220.8 |
| 7.5°  | 2157.7 | 2157.7 | 2156.5 | 2160.9 | 2163.2 | 2169.8 | 2168.7 | 2174.3 | 2177.6 | 2183.1 | 2190.9 |
| 10°   | 2114.4 | 2114.4 | 2115.5 | 2118.9 | 2120.0 | 2129.9 | 2129.9 | 2137.7 | 2142.1 | 2147.7 | 2157.7 |
| 12.5° | 2072.4 | 2072.4 | 2079.0 | 2076.8 | 2081.2 | 2089.0 | 2092.3 | 2100.0 | 2106.7 | 2117.8 | 2127.8 |
| 15°   | 2032.5 | 2032.5 | 2034.7 | 2040.2 | 2043.6 | 2053.5 | 2059.1 | 2067.9 | 2075.7 | 2086.8 | 2101.2 |
| 17.5° | 1998.1 | 1997.1 | 1998.1 | 2004.8 | 2011.5 | 2020.3 | 2024.7 | 2035.8 | 2043.6 | 2058.0 | 2071.3 |
| 20°   | 1963.8 | 1966.0 | 1966.0 | 1971.6 | 1976.0 | 1987.1 | 1991.5 | 2003.7 | 2012.6 | 2025.8 | 2041.4 |
| 22.5° | 1933.9 | 1932.8 | 1932.8 | 1940.6 | 1943.9 | 1953.8 | 1958.3 | 1969.3 | 1979.3 | 1990.4 | 2004.8 |
| 25°   | 1904.0 | 1901.8 | 1906.2 | 1907.3 | 1909.5 | 1920.6 | 1923.9 | 1931.7 | 1941.7 | 1951.6 | 1966.0 |
| 27.5° | 1859.7 | 1857.5 | 1858.6 | 1863.0 | 1866.3 | 1875.2 | 1877.4 | 1885.2 | 1892.9 | 1901.8 | 1914.0 |
| 30°   | 1774.4 | 1772.2 | 1771.1 | 1778.9 | 1782.2 | 1788.8 | 1792.1 | 1805.4 | 1807.6 | 1817.6 | 1826.5 |
| 32.5° | 1661.4 | 1660.3 | 1662.6 | 1669.2 | 1672.5 | 1681.4 | 1685.8 | 1693.6 | 1699.1 | 1704.6 | 1713.5 |
| 35°   | 1535.2 | 1532.9 | 1535.2 | 1541.8 | 1541.8 | 1549.6 | 1552.9 | 1556.2 | 1555.1 | 1556.2 | 1554.0 |
| 37.5° | 1417.8 | 1416.6 | 1417.8 | 1421.1 | 1417.8 | 1421.1 | 1417.8 | 1411.1 | 1398.9 | 1385.6 | 1372.3 |
| 40°   | 1318.1 | 1319.2 | 1312.6 | 1317.0 | 1304.8 | 1302.6 | 1290.4 | 1273.8 | 1249.4 | 1222.8 | 1185.2 |
| 42.5° | 1211.8 | 1208.4 | 1204.0 | 1206.2 | 1196.3 | 1188.5 | 1168.5 | 1147.5 | 1116.5 | 1072.2 | 1026.7 |
| 45°   | 1081.0 | 1080.0 | 1077.7 | 1076.6 | 1070.0 | 1062.2 | 1045.6 | 1021.2 | 986.9  | 941.5  | 887.2  |
| 47.5° | 953.7  | 950.3  | 950.3  | 951.4  | 943.7  | 942.6  | 929.3  | 908.3  | 878.3  | 834.0  | 777.5  |
| 50°   | 831.8  | 830.7  | 832.9  | 837.4  | 831.8  | 829.6  | 820.8  | 806.4  | 779.8  | 742.1  | 688.9  |
| 52.5° | 722.2  | 721.1  | 723.3  | 728.8  | 726.6  | 728.8  | 720.0  | 708.9  | 691.2  | 654.6  | 608.1  |
| 55°   | 614.7  | 614.7  | 614.7  | 621.4  | 621.4  | 621.4  | 616.9  | 610.3  | 593.7  | 567.1  | 523.9  |
| 57.5° | 502.9  | 504.0  | 510.6  | 511.7  | 510.6  | 512.8  | 511.7  | 505.1  | 494.0  | 475.2  | 442.0  |
| 60°   | 408.7  | 408.7  | 412.0  | 415.4  | 414.2  | 415.4  | 415.4  | 412.0  | 401.0  | 385.5  | 358.9  |
| 62.5° | 323.4  | 326.7  | 324.5  | 326.7  | 331.2  | 326.7  | 324.5  | 322.3  | 314.6  | 304.6  | 282.4  |
| 65°   | 244.8  | 247.0  | 247.0  | 248.1  | 245.9  | 247.0  | 242.6  | 239.3  | 234.8  | 223.8  | 209.4  |
| 67.5° | 186.1  | 186.1  | 186.1  | 186.1  | 185.0  | 183.9  | 182.8  | 179.4  | 171.7  | 167.3  | 151.7  |
| 70°   | 142.9  | 136.2  | 136.2  | 136.2  | 136.2  | 137.4  | 134.0  | 129.6  | 127.4  | 119.6  | 108.6  |
| 72.5° | 95.2   | 97.5   | 95.2   | 95.2   | 93.1   | 94.1   | 89.7   | 87.5   | 85.3   | 80.9   | 74.2   |
| 75°   | 68.7   | 63.1   | 65.3   | 66.5   | 63.1   | 65.3   | 60.9   | 56.5   | 56.5   | 53.2   | 49.8   |
| 77.5° | 44.3   | 43.2   | 44.3   | 45.4   | 44.3   | 43.2   | 41.0   | 38.8   | 38.8   | 37.7   | 34.3   |
| 80°   | 32.1   | 31.0   | 31.0   | 31.0   | 29.9   | 31.0   | 28.8   | 28.8   | 26.6   | 25.5   | 23.3   |
| 82.5° | 21.1   | 21.1   | 19.9   | 21.1   | 19.9   | 21.1   | 17.7   | 17.7   | 17.7   | 16.6   | 14.4   |
| 85°   | 14.4   | 12.2   | 12.2   | 13.3   | 11.1   | 13.3   | 12.2   | 11.1   | 10.0   | 10.0   | 8.8    |
| 87.5° | 6.7    | 7.8    | 6.7    | 7.8    | 6.7    | 6.7    | 7.8    | 6.7    | 6.7    | 4.4    | 4.4    |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



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**CANDELA DISTRIBUTION (continued):**

|       | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°   | 105°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 2268.4 | 2268.4 | 2268.4 | 2268.4 | 2268.4 | 2268.4 | 2268.4 | 2268.4 | 2268.4 | 2268.4 | 2268.4 |
| 2.5°  | 2257.3 | 2258.4 | 2258.4 | 2262.9 | 2265.1 | 2266.2 | 2266.2 | 2275.1 | 2271.7 | 2274.0 | 2276.2 |
| 5°    | 2225.2 | 2231.8 | 2234.1 | 2234.1 | 2246.2 | 2250.7 | 2255.1 | 2265.1 | 2266.2 | 2272.8 | 2280.6 |
| 7.5°  | 2194.2 | 2201.9 | 2206.4 | 2216.3 | 2224.1 | 2231.8 | 2245.2 | 2251.8 | 2258.4 | 2267.3 | 2277.3 |
| 10°   | 2164.3 | 2173.2 | 2182.0 | 2189.8 | 2201.9 | 2211.9 | 2220.8 | 2236.3 | 2244.1 | 2256.2 | 2269.5 |
| 12.5° | 2135.5 | 2147.7 | 2155.4 | 2168.7 | 2182.0 | 2190.9 | 2204.2 | 2218.6 | 2230.7 | 2242.9 | 2258.4 |
| 15°   | 2110.0 | 2124.4 | 2133.3 | 2147.7 | 2162.1 | 2174.3 | 2188.7 | 2206.4 | 2215.2 | 2229.7 | 2244.1 |
| 17.5° | 2082.3 | 2097.9 | 2108.9 | 2122.2 | 2139.9 | 2153.2 | 2165.4 | 2183.1 | 2194.2 | 2209.7 | 2226.3 |
| 20°   | 2053.5 | 2069.0 | 2082.3 | 2095.6 | 2113.4 | 2126.6 | 2141.0 | 2158.8 | 2170.9 | 2186.4 | 2199.7 |
| 22.5° | 2019.2 | 2033.6 | 2048.0 | 2063.5 | 2081.2 | 2092.3 | 2108.9 | 2124.4 | 2137.7 | 2152.1 | 2165.4 |
| 25°   | 1974.9 | 1992.6 | 2003.7 | 2018.1 | 2032.5 | 2044.6 | 2062.4 | 2077.9 | 2089.0 | 2102.3 | 2114.4 |
| 27.5° | 1922.8 | 1936.1 | 1945.0 | 1957.2 | 1971.6 | 1982.6 | 1995.9 | 2011.5 | 2022.5 | 2034.7 | 2043.6 |
| 30°   | 1834.2 | 1846.4 | 1854.2 | 1863.0 | 1877.4 | 1887.4 | 1898.5 | 1912.8 | 1920.6 | 1929.5 | 1937.2 |
| 32.5° | 1717.9 | 1727.9 | 1732.3 | 1739.0 | 1748.9 | 1758.9 | 1767.8 | 1779.9 | 1783.3 | 1788.8 | 1788.8 |
| 35°   | 1549.6 | 1551.8 | 1550.7 | 1552.9 | 1557.3 | 1562.8 | 1570.6 | 1578.3 | 1582.8 | 1582.8 | 1579.5 |
| 37.5° | 1352.4 | 1339.1 | 1324.7 | 1313.6 | 1310.3 | 1308.1 | 1312.6 | 1315.8 | 1320.3 | 1322.5 | 1317.0 |
| 40°   | 1147.5 | 1117.6 | 1085.5 | 1056.7 | 1036.7 | 1027.9 | 1024.6 | 1026.7 | 1026.7 | 1034.5 | 1034.5 |
| 42.5° | 971.4  | 924.9  | 877.3  | 834.0  | 805.2  | 783.1  | 773.1  | 773.1  | 774.2  | 779.8  | 783.1  |
| 45°   | 825.2  | 766.5  | 711.1  | 663.5  | 623.6  | 594.8  | 581.5  | 578.2  | 577.1  | 579.3  | 587.0  |
| 47.5° | 713.3  | 652.4  | 594.8  | 536.1  | 494.0  | 465.2  | 453.0  | 448.6  | 444.1  | 448.6  | 449.7  |
| 50°   | 625.8  | 562.7  | 501.8  | 443.0  | 398.7  | 373.3  | 357.7  | 351.1  | 350.0  | 350.0  | 352.2  |
| 52.5° | 546.0  | 487.4  | 426.5  | 366.6  | 320.1  | 295.7  | 281.3  | 278.0  | 273.6  | 278.0  | 278.0  |
| 55°   | 470.7  | 412.0  | 352.2  | 295.7  | 256.9  | 231.5  | 218.2  | 213.8  | 211.5  | 214.9  | 214.9  |
| 57.5° | 388.8  | 338.9  | 283.6  | 232.6  | 193.9  | 176.1  | 166.1  | 160.6  | 159.5  | 161.7  | 159.5  |
| 60°   | 319.0  | 276.9  | 229.3  | 182.8  | 152.9  | 134.0  | 126.3  | 124.1  | 121.8  | 124.1  | 124.1  |
| 62.5° | 252.5  | 217.1  | 178.3  | 142.9  | 117.4  | 104.1  | 95.2   | 95.2   | 94.1   | 94.1   | 95.2   |
| 65°   | 187.2  | 159.5  | 131.8  | 101.9  | 82.0   | 72.0   | 65.3   | 65.3   | 64.2   | 65.3   | 64.2   |
| 67.5° | 136.2  | 117.4  | 95.2   | 74.2   | 58.7   | 53.2   | 48.7   | 45.4   | 47.6   | 45.4   | 44.3   |
| 70°   | 99.7   | 84.2   | 68.7   | 56.5   | 45.4   | 39.9   | 36.6   | 35.4   | 33.2   | 33.2   | 33.2   |
| 72.5° | 66.5   | 56.5   | 46.5   | 36.6   | 29.9   | 24.3   | 23.3   | 21.1   | 18.8   | 19.9   | 22.2   |
| 75°   | 44.3   | 37.7   | 33.2   | 26.6   | 19.9   | 19.9   | 13.3   | 13.3   | 11.1   | 13.3   | 10.0   |
| 77.5° | 31.0   | 25.5   | 19.9   | 16.6   | 13.3   | 12.2   | 8.8    | 8.8    | 7.8    | 7.8    | 7.8    |
| 80°   | 22.2   | 18.8   | 14.4   | 12.2   | 8.8    | 8.8    | 7.8    | 6.7    | 5.5    | 5.5    | 6.7    |
| 82.5° | 13.3   | 10.0   | 10.0   | 8.8    | 5.5    | 4.4    | 3.3    | 4.4    | 2.2    | 2.2    | 2.2    |
| 85°   | 7.8    | 6.7    | 5.5    | 3.3    | 2.2    | 2.2    | 1.1    | 0.0    | 1.1    | 1.1    | 0.0    |
| 87.5° | 4.4    | 2.2    | 2.2    | 1.1    | 0.0    | 1.1    | 1.1    | 0.0    | 0.0    | 0.0    | 2.2    |
| 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: LD8B40D010 ER8B40827 8LBSW0GPH

**CANDELA DISTRIBUTION (continued):**

|       | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   | 160°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 2268.4 | 2268.4 | 2268.4 | 2268.4 | 2268.4 | 2268.4 | 2268.4 | 2268.4 | 2268.4 | 2268.4 | 2268.4 |
| 2.5°  | 2281.7 | 2280.6 | 2282.8 | 2282.8 | 2289.5 | 2288.3 | 2291.7 | 2291.7 | 2289.5 | 2290.6 | 2295.0 |
| 5°    | 2289.5 | 2292.8 | 2299.4 | 2305.0 | 2314.9 | 2319.4 | 2324.9 | 2330.5 | 2331.5 | 2334.9 | 2338.2 |
| 7.5°  | 2289.5 | 2300.5 | 2308.3 | 2318.2 | 2331.5 | 2339.3 | 2351.5 | 2361.5 | 2365.9 | 2371.4 | 2378.1 |
| 10°   | 2285.0 | 2296.1 | 2310.5 | 2321.6 | 2338.2 | 2350.4 | 2362.6 | 2378.1 | 2384.7 | 2393.6 | 2402.4 |
| 12.5° | 2276.2 | 2288.3 | 2303.8 | 2318.2 | 2337.1 | 2348.1 | 2363.6 | 2378.1 | 2388.0 | 2400.2 | 2410.2 |
| 15°   | 2262.9 | 2277.3 | 2291.7 | 2306.1 | 2326.0 | 2339.3 | 2353.7 | 2370.3 | 2380.3 | 2393.6 | 2402.4 |
| 17.5° | 2241.8 | 2257.3 | 2270.6 | 2283.9 | 2302.7 | 2318.2 | 2331.5 | 2347.1 | 2357.0 | 2368.1 | 2380.3 |
| 20°   | 2216.3 | 2230.7 | 2245.2 | 2256.2 | 2275.1 | 2288.3 | 2302.7 | 2317.1 | 2324.9 | 2327.1 | 2346.0 |
| 22.5° | 2184.2 | 2194.2 | 2205.3 | 2223.0 | 2234.1 | 2246.2 | 2259.6 | 2272.8 | 2280.6 | 2292.8 | 2299.4 |
| 25°   | 2131.0 | 2141.0 | 2153.2 | 2160.9 | 2174.3 | 2184.2 | 2197.5 | 2211.9 | 2216.3 | 2225.2 | 2231.8 |
| 27.5° | 2056.9 | 2062.4 | 2067.9 | 2074.6 | 2082.3 | 2087.9 | 2095.6 | 2102.3 | 2106.7 | 2111.1 | 2115.5 |
| 30°   | 1939.4 | 1939.4 | 1939.4 | 1935.0 | 1938.3 | 1941.7 | 1942.8 | 1941.7 | 1941.7 | 1940.6 | 1940.6 |
| 32.5° | 1784.4 | 1775.5 | 1765.5 | 1756.7 | 1753.4 | 1748.9 | 1746.7 | 1743.4 | 1737.9 | 1734.5 | 1735.6 |
| 35°   | 1575.0 | 1555.1 | 1542.9 | 1531.8 | 1523.0 | 1516.3 | 1513.0 | 1509.7 | 1508.6 | 1504.2 | 1499.7 |
| 37.5° | 1313.6 | 1299.2 | 1290.4 | 1283.7 | 1276.0 | 1269.3 | 1270.4 | 1271.6 | 1274.9 | 1272.7 | 1273.8 |
| 40°   | 1036.7 | 1033.4 | 1036.7 | 1029.0 | 1026.7 | 1029.0 | 1034.5 | 1042.3 | 1046.7 | 1051.1 | 1058.9 |
| 42.5° | 788.6  | 794.1  | 801.9  | 801.9  | 805.2  | 809.7  | 816.3  | 828.5  | 835.1  | 842.9  | 851.8  |
| 45°   | 593.7  | 600.3  | 610.3  | 613.6  | 615.8  | 621.4  | 629.2  | 639.1  | 643.5  | 650.2  | 657.9  |
| 47.5° | 457.5  | 461.9  | 467.4  | 473.0  | 478.5  | 480.7  | 488.5  | 488.5  | 494.0  | 498.4  | 500.6  |
| 50°   | 356.7  | 361.1  | 365.5  | 368.8  | 371.1  | 374.4  | 376.6  | 379.9  | 381.0  | 383.2  | 384.3  |
| 52.5° | 279.1  | 284.7  | 284.7  | 286.9  | 290.2  | 293.5  | 292.4  | 293.5  | 294.6  | 294.6  | 297.9  |
| 55°   | 218.2  | 218.2  | 221.5  | 221.5  | 223.8  | 222.6  | 223.8  | 223.8  | 223.8  | 223.8  | 224.9  |
| 57.5° | 162.8  | 163.9  | 167.3  | 165.0  | 163.9  | 166.1  | 163.9  | 166.1  | 165.0  | 167.3  | 163.9  |
| 60°   | 125.1  | 125.1  | 126.3  | 126.3  | 127.4  | 127.4  | 127.4  | 126.3  | 126.3  | 125.1  | 125.1  |
| 62.5° | 94.1   | 95.2   | 96.4   | 95.2   | 95.2   | 95.2   | 94.1   | 94.1   | 93.1   | 91.9   | 91.9   |
| 65°   | 63.1   | 62.0   | 64.2   | 62.0   | 63.1   | 63.1   | 62.0   | 63.1   | 59.8   | 60.9   | 59.8   |
| 67.5° | 45.4   | 44.3   | 43.2   | 44.3   | 43.2   | 42.1   | 42.1   | 43.2   | 44.3   | 41.0   | 41.0   |
| 70°   | 29.9   | 31.0   | 29.9   | 31.0   | 32.1   | 32.1   | 31.0   | 29.9   | 31.0   | 28.8   | 29.9   |
| 72.5° | 18.8   | 18.8   | 18.8   | 18.8   | 18.8   | 19.9   | 19.9   | 19.9   | 17.7   | 17.7   | 16.6   |
| 75°   | 8.8    | 12.2   | 10.0   | 8.8    | 12.2   | 12.2   | 11.1   | 11.1   | 10.0   | 10.0   | 10.0   |
| 77.5° | 8.8    | 6.7    | 6.7    | 6.7    | 6.7    | 6.7    | 6.7    | 6.7    | 5.5    | 6.7    | 5.5    |
| 80°   | 4.4    | 4.4    | 4.4    | 3.3    | 4.4    | 4.4    | 5.5    | 4.4    | 4.4    | 3.3    | 5.5    |
| 82.5° | 2.2    | 2.2    | 2.2    | 0.0    | 1.1    | 2.2    | 2.2    | 1.1    | 2.2    | 2.2    | 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: P245818

CATALOG NUMBER: LD8B40D010 ER8B40827 8LBSW0GPH

**CANDELA DISTRIBUTION (continued):**

|       | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 2268.4 | 2268.4 | 2268.4 | 2268.4 | 2268.4 | 2268.4 | 2268.4 | 2268.4 | 2268.4 | 2268.4 | 2268.4 |
| 2.5°  | 2293.9 | 2292.8 | 2293.9 | 2295.0 | 2293.9 | 2292.8 | 2293.9 | 2295.0 | 2290.6 | 2289.5 | 2291.7 |
| 5°    | 2342.6 | 2342.6 | 2344.8 | 2346.0 | 2344.8 | 2342.6 | 2342.6 | 2338.2 | 2334.9 | 2331.5 | 2330.5 |
| 7.5°  | 2384.7 | 2386.9 | 2389.1 | 2390.2 | 2389.1 | 2386.9 | 2384.7 | 2378.1 | 2371.4 | 2365.9 | 2361.5 |
| 10°   | 2410.2 | 2413.5 | 2417.9 | 2420.1 | 2417.9 | 2413.5 | 2410.2 | 2402.4 | 2393.6 | 2384.7 | 2378.1 |
| 12.5° | 2421.3 | 2424.6 | 2430.1 | 2429.0 | 2430.1 | 2424.6 | 2421.3 | 2410.2 | 2400.2 | 2388.0 | 2378.1 |
| 15°   | 2413.5 | 2417.9 | 2423.5 | 2425.7 | 2423.5 | 2417.9 | 2413.5 | 2402.4 | 2393.6 | 2380.3 | 2370.3 |
| 17.5° | 2389.1 | 2395.8 | 2399.1 | 2402.4 | 2399.1 | 2395.8 | 2389.1 | 2380.3 | 2368.1 | 2357.0 | 2347.1 |
| 20°   | 2355.9 | 2360.4 | 2364.8 | 2365.9 | 2364.8 | 2360.4 | 2355.9 | 2346.0 | 2327.1 | 2324.9 | 2317.1 |
| 22.5° | 2308.3 | 2311.6 | 2321.6 | 2318.2 | 2321.6 | 2311.6 | 2308.3 | 2299.4 | 2292.8 | 2280.6 | 2272.8 |
| 25°   | 2239.6 | 2242.9 | 2244.1 | 2245.2 | 2244.1 | 2242.9 | 2239.6 | 2231.8 | 2225.2 | 2216.3 | 2211.9 |
| 27.5° | 2121.1 | 2121.1 | 2123.3 | 2124.4 | 2123.3 | 2121.1 | 2121.1 | 2115.5 | 2111.1 | 2106.7 | 2102.3 |
| 30°   | 1941.7 | 1941.7 | 1941.7 | 1947.2 | 1941.7 | 1941.7 | 1941.7 | 1940.6 | 1940.6 | 1941.7 | 1941.7 |
| 32.5° | 1734.5 | 1732.3 | 1730.1 | 1732.3 | 1730.1 | 1732.3 | 1734.5 | 1735.6 | 1734.5 | 1737.9 | 1743.4 |
| 35°   | 1499.7 | 1498.6 | 1501.9 | 1497.5 | 1501.9 | 1498.6 | 1499.7 | 1499.7 | 1504.2 | 1508.6 | 1509.7 |
| 37.5° | 1274.9 | 1272.7 | 1277.1 | 1272.7 | 1277.1 | 1272.7 | 1274.9 | 1273.8 | 1272.7 | 1274.9 | 1271.6 |
| 40°   | 1061.1 | 1063.3 | 1063.3 | 1072.2 | 1063.3 | 1063.3 | 1061.1 | 1058.9 | 1051.1 | 1046.7 | 1042.3 |
| 42.5° | 856.2  | 862.8  | 860.6  | 867.3  | 860.6  | 862.8  | 856.2  | 851.8  | 842.9  | 835.1  | 828.5  |
| 45°   | 662.3  | 666.8  | 666.8  | 669.0  | 666.8  | 666.8  | 662.3  | 657.9  | 650.2  | 643.5  | 639.1  |
| 47.5° | 508.4  | 508.4  | 508.4  | 509.5  | 508.4  | 508.4  | 508.4  | 500.6  | 498.4  | 494.0  | 488.5  |
| 50°   | 386.6  | 387.7  | 388.8  | 389.9  | 388.8  | 387.7  | 386.6  | 384.3  | 383.2  | 381.0  | 379.9  |
| 52.5° | 296.8  | 297.9  | 295.7  | 297.9  | 295.7  | 297.9  | 296.8  | 297.9  | 294.6  | 294.6  | 293.5  |
| 55°   | 224.9  | 223.8  | 224.9  | 225.9  | 224.9  | 223.8  | 224.9  | 224.9  | 223.8  | 223.8  | 223.8  |
| 57.5° | 165.0  | 162.8  | 162.8  | 162.8  | 162.8  | 162.8  | 165.0  | 163.9  | 167.3  | 165.0  | 166.1  |
| 60°   | 123.0  | 124.1  | 124.1  | 125.1  | 124.1  | 124.1  | 123.0  | 125.1  | 125.1  | 126.3  | 126.3  |
| 62.5° | 90.8   | 94.1   | 91.9   | 94.1   | 91.9   | 94.1   | 90.8   | 91.9   | 91.9   | 93.1   | 94.1   |
| 65°   | 58.7   | 58.7   | 58.7   | 59.8   | 58.7   | 58.7   | 58.7   | 59.8   | 60.9   | 59.8   | 63.1   |
| 67.5° | 39.9   | 41.0   | 43.2   | 42.1   | 43.2   | 41.0   | 39.9   | 41.0   | 41.0   | 44.3   | 43.2   |
| 70°   | 32.1   | 28.8   | 28.8   | 32.1   | 28.8   | 28.8   | 32.1   | 29.9   | 28.8   | 31.0   | 29.9   |
| 72.5° | 18.8   | 16.6   | 18.8   | 18.8   | 18.8   | 16.6   | 18.8   | 16.6   | 17.7   | 17.7   | 19.9   |
| 75°   | 10.0   | 8.8    | 7.8    | 11.1   | 7.8    | 8.8    | 10.0   | 10.0   | 10.0   | 10.0   | 11.1   |
| 77.5° | 6.7    | 5.5    | 7.8    | 7.8    | 7.8    | 5.5    | 6.7    | 5.5    | 6.7    | 5.5    | 6.7    |
| 80°   | 3.3    | 4.4    | 3.3    | 5.5    | 3.3    | 4.4    | 3.3    | 5.5    | 3.3    | 4.4    | 4.4    |
| 82.5° | 1.1    | 2.2    | 2.2    | 2.2    | 2.2    | 2.2    | 1.1    | 1.1    | 2.2    | 2.2    | 1.1    |
| 85°   | 0.0    | 2.2    | 1.1    | 1.1    | 1.1    | 2.2    | 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    |



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CATALOG NUMBER: LD8B40D010 ER8B40827 8LBSW0GPH

**CANDELA DISTRIBUTION (continued):**

|       | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°   | 265°   | 270°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 2268.4 | 2268.4 | 2268.4 | 2268.4 | 2268.4 | 2268.4 | 2268.4 | 2268.4 | 2268.4 | 2268.4 | 2268.4 |
| 2.5°  | 2291.7 | 2288.3 | 2289.5 | 2282.8 | 2282.8 | 2280.6 | 2281.7 | 2276.2 | 2274.0 | 2271.7 | 2275.1 |
| 5°    | 2324.9 | 2319.4 | 2314.9 | 2305.0 | 2299.4 | 2292.8 | 2289.5 | 2280.6 | 2272.8 | 2266.2 | 2265.1 |
| 7.5°  | 2351.5 | 2339.3 | 2331.5 | 2318.2 | 2308.3 | 2300.5 | 2289.5 | 2277.3 | 2267.3 | 2258.4 | 2251.8 |
| 10°   | 2362.6 | 2350.4 | 2338.2 | 2321.6 | 2310.5 | 2296.1 | 2285.0 | 2269.5 | 2256.2 | 2244.1 | 2236.3 |
| 12.5° | 2363.6 | 2348.1 | 2337.1 | 2318.2 | 2303.8 | 2288.3 | 2276.2 | 2258.4 | 2242.9 | 2230.7 | 2218.6 |
| 15°   | 2353.7 | 2339.3 | 2326.0 | 2306.1 | 2291.7 | 2277.3 | 2262.9 | 2244.1 | 2229.7 | 2215.2 | 2206.4 |
| 17.5° | 2331.5 | 2318.2 | 2302.7 | 2283.9 | 2270.6 | 2257.3 | 2241.8 | 2226.3 | 2209.7 | 2194.2 | 2183.1 |
| 20°   | 2302.7 | 2288.3 | 2275.1 | 2256.2 | 2245.2 | 2230.7 | 2216.3 | 2199.7 | 2186.4 | 2170.9 | 2158.8 |
| 22.5° | 2259.6 | 2246.2 | 2234.1 | 2223.0 | 2205.3 | 2194.2 | 2184.2 | 2165.4 | 2152.1 | 2137.7 | 2124.4 |
| 25°   | 2197.5 | 2184.2 | 2174.3 | 2160.9 | 2153.2 | 2141.0 | 2131.0 | 2114.4 | 2102.3 | 2089.0 | 2077.9 |
| 27.5° | 2095.6 | 2087.9 | 2082.3 | 2074.6 | 2067.9 | 2062.4 | 2056.9 | 2043.6 | 2034.7 | 2022.5 | 2011.5 |
| 30°   | 1942.8 | 1941.7 | 1938.3 | 1935.0 | 1939.4 | 1939.4 | 1939.4 | 1937.2 | 1929.5 | 1920.6 | 1912.8 |
| 32.5° | 1746.7 | 1748.9 | 1753.4 | 1756.7 | 1765.5 | 1775.5 | 1784.4 | 1788.8 | 1788.8 | 1783.3 | 1779.9 |
| 35°   | 1513.0 | 1516.3 | 1523.0 | 1531.8 | 1542.9 | 1555.1 | 1575.0 | 1579.5 | 1582.8 | 1582.8 | 1578.3 |
| 37.5° | 1270.4 | 1269.3 | 1276.0 | 1283.7 | 1290.4 | 1299.2 | 1313.6 | 1317.0 | 1322.5 | 1320.3 | 1315.8 |
| 40°   | 1034.5 | 1029.0 | 1026.7 | 1029.0 | 1036.7 | 1033.4 | 1036.7 | 1034.5 | 1034.5 | 1026.7 | 1026.7 |
| 42.5° | 816.3  | 809.7  | 805.2  | 801.9  | 801.9  | 794.1  | 788.6  | 783.1  | 779.8  | 774.2  | 773.1  |
| 45°   | 629.2  | 621.4  | 615.8  | 613.6  | 610.3  | 600.3  | 593.7  | 587.0  | 579.3  | 577.1  | 578.2  |
| 47.5° | 488.5  | 480.7  | 478.5  | 473.0  | 467.4  | 461.9  | 457.5  | 449.7  | 448.6  | 444.1  | 448.6  |
| 50°   | 376.6  | 374.4  | 371.1  | 368.8  | 365.5  | 361.1  | 356.7  | 352.2  | 350.0  | 350.0  | 351.1  |
| 52.5° | 292.4  | 293.5  | 290.2  | 286.9  | 284.7  | 284.7  | 279.1  | 278.0  | 278.0  | 273.6  | 278.0  |
| 55°   | 223.8  | 222.6  | 223.8  | 221.5  | 221.5  | 218.2  | 218.2  | 214.9  | 214.9  | 211.5  | 213.8  |
| 57.5° | 163.9  | 166.1  | 163.9  | 165.0  | 167.3  | 163.9  | 162.8  | 159.5  | 161.7  | 159.5  | 160.6  |
| 60°   | 127.4  | 127.4  | 127.4  | 126.3  | 126.3  | 125.1  | 125.1  | 124.1  | 124.1  | 121.8  | 124.1  |
| 62.5° | 94.1   | 95.2   | 95.2   | 95.2   | 96.4   | 95.2   | 94.1   | 95.2   | 94.1   | 94.1   | 95.2   |
| 65°   | 62.0   | 63.1   | 63.1   | 62.0   | 64.2   | 62.0   | 63.1   | 64.2   | 65.3   | 64.2   | 65.3   |
| 67.5° | 42.1   | 42.1   | 43.2   | 44.3   | 43.2   | 44.3   | 45.4   | 44.3   | 45.4   | 47.6   | 45.4   |
| 70°   | 31.0   | 32.1   | 32.1   | 31.0   | 29.9   | 31.0   | 29.9   | 33.2   | 33.2   | 33.2   | 35.4   |
| 72.5° | 19.9   | 19.9   | 18.8   | 18.8   | 18.8   | 18.8   | 18.8   | 22.2   | 19.9   | 18.8   | 21.1   |
| 75°   | 11.1   | 12.2   | 12.2   | 8.8    | 10.0   | 12.2   | 8.8    | 10.0   | 13.3   | 11.1   | 13.3   |
| 77.5° | 6.7    | 6.7    | 6.7    | 6.7    | 6.7    | 6.7    | 8.8    | 7.8    | 7.8    | 7.8    | 8.8    |
| 80°   | 5.5    | 4.4    | 4.4    | 3.3    | 4.4    | 4.4    | 4.4    | 6.7    | 5.5    | 5.5    | 6.7    |
| 82.5° | 2.2    | 2.2    | 1.1    | 0.0    | 2.2    | 2.2    | 2.2    | 2.2    | 2.2    | 2.2    | 4.4    |
| 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    | 2.2    | 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: P245818

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**CANDELA DISTRIBUTION (continued):**

|       | 275°   | 280°   | 285°   | 290°   | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 2268.4 | 2268.4 | 2268.4 | 2268.4 | 2268.4 | 2268.4 | 2268.4 | 2268.4 | 2268.4 | 2268.4 | 2268.4 |
| 2.5°  | 2266.2 | 2266.2 | 2265.1 | 2262.9 | 2258.4 | 2258.4 | 2257.3 | 2254.0 | 2251.8 | 2250.7 | 2250.7 |
| 5°    | 2255.1 | 2250.7 | 2246.2 | 2234.1 | 2234.1 | 2231.8 | 2225.2 | 2220.8 | 2218.6 | 2213.0 | 2210.8 |
| 7.5°  | 2245.2 | 2231.8 | 2224.1 | 2216.3 | 2206.4 | 2201.9 | 2194.2 | 2190.9 | 2183.1 | 2177.6 | 2174.3 |
| 10°   | 2220.8 | 2211.9 | 2201.9 | 2189.8 | 2182.0 | 2173.2 | 2164.3 | 2157.7 | 2147.7 | 2142.1 | 2137.7 |
| 12.5° | 2204.2 | 2190.9 | 2182.0 | 2168.7 | 2155.4 | 2147.7 | 2135.5 | 2127.8 | 2117.8 | 2106.7 | 2100.0 |
| 15°   | 2188.7 | 2174.3 | 2162.1 | 2147.7 | 2133.3 | 2124.4 | 2110.0 | 2101.2 | 2086.8 | 2075.7 | 2067.9 |
| 17.5° | 2165.4 | 2153.2 | 2139.9 | 2122.2 | 2108.9 | 2097.9 | 2082.3 | 2071.3 | 2058.0 | 2043.6 | 2035.8 |
| 20°   | 2141.0 | 2126.6 | 2113.4 | 2095.6 | 2082.3 | 2069.0 | 2053.5 | 2041.4 | 2025.8 | 2012.6 | 2003.7 |
| 22.5° | 2108.9 | 2092.3 | 2081.2 | 2063.5 | 2048.0 | 2033.6 | 2019.2 | 2004.8 | 1990.4 | 1979.3 | 1969.3 |
| 25°   | 2062.4 | 2044.6 | 2032.5 | 2018.1 | 2003.7 | 1992.6 | 1974.9 | 1966.0 | 1951.6 | 1941.7 | 1931.7 |
| 27.5° | 1995.9 | 1982.6 | 1971.6 | 1957.2 | 1945.0 | 1936.1 | 1922.8 | 1914.0 | 1901.8 | 1892.9 | 1885.2 |
| 30°   | 1898.5 | 1887.4 | 1877.4 | 1863.0 | 1854.2 | 1846.4 | 1834.2 | 1826.5 | 1817.6 | 1807.6 | 1805.4 |
| 32.5° | 1767.8 | 1758.9 | 1748.9 | 1739.0 | 1732.3 | 1727.9 | 1717.9 | 1713.5 | 1704.6 | 1699.1 | 1693.6 |
| 35°   | 1570.6 | 1562.8 | 1557.3 | 1552.9 | 1550.7 | 1551.8 | 1549.6 | 1554.0 | 1556.2 | 1555.1 | 1556.2 |
| 37.5° | 1312.6 | 1308.1 | 1310.3 | 1313.6 | 1324.7 | 1339.1 | 1352.4 | 1372.3 | 1385.6 | 1398.9 | 1411.1 |
| 40°   | 1024.6 | 1027.9 | 1036.7 | 1056.7 | 1085.5 | 1117.6 | 1147.5 | 1185.2 | 1222.8 | 1249.4 | 1273.8 |
| 42.5° | 773.1  | 783.1  | 805.2  | 834.0  | 877.3  | 924.9  | 971.4  | 1026.7 | 1072.2 | 1116.5 | 1147.5 |
| 45°   | 581.5  | 594.8  | 623.6  | 663.5  | 711.1  | 766.5  | 825.2  | 887.2  | 941.5  | 986.9  | 1021.2 |
| 47.5° | 453.0  | 465.2  | 494.0  | 536.1  | 594.8  | 652.4  | 713.3  | 777.5  | 834.0  | 878.3  | 908.3  |
| 50°   | 357.7  | 373.3  | 398.7  | 443.0  | 501.8  | 562.7  | 625.8  | 688.9  | 742.1  | 779.8  | 806.4  |
| 52.5° | 281.3  | 295.7  | 320.1  | 366.6  | 426.5  | 487.4  | 546.0  | 608.1  | 654.6  | 691.2  | 708.9  |
| 55°   | 218.2  | 231.5  | 256.9  | 295.7  | 352.2  | 412.0  | 470.7  | 523.9  | 567.1  | 593.7  | 610.3  |
| 57.5° | 166.1  | 176.1  | 193.9  | 232.6  | 283.6  | 338.9  | 388.8  | 442.0  | 475.2  | 494.0  | 505.1  |
| 60°   | 126.3  | 134.0  | 152.9  | 182.8  | 229.3  | 276.9  | 319.0  | 358.9  | 385.5  | 401.0  | 412.0  |
| 62.5° | 95.2   | 104.1  | 117.4  | 142.9  | 178.3  | 217.1  | 252.5  | 282.4  | 304.6  | 314.6  | 322.3  |
| 65°   | 65.3   | 72.0   | 82.0   | 101.9  | 131.8  | 159.5  | 187.2  | 209.4  | 223.8  | 234.8  | 239.3  |
| 67.5° | 48.7   | 53.2   | 58.7   | 74.2   | 95.2   | 117.4  | 136.2  | 151.7  | 167.3  | 171.7  | 179.4  |
| 70°   | 36.6   | 39.9   | 45.4   | 56.5   | 68.7   | 84.2   | 99.7   | 108.6  | 119.6  | 127.4  | 129.6  |
| 72.5° | 23.3   | 24.3   | 29.9   | 36.6   | 46.5   | 56.5   | 66.5   | 74.2   | 80.9   | 85.3   | 87.5   |
| 75°   | 13.3   | 19.9   | 19.9   | 26.6   | 33.2   | 37.7   | 44.3   | 49.8   | 53.2   | 56.5   | 56.5   |
| 77.5° | 8.8    | 12.2   | 13.3   | 16.6   | 19.9   | 25.5   | 31.0   | 34.3   | 37.7   | 38.8   | 38.8   |
| 80°   | 7.8    | 8.8    | 8.8    | 12.2   | 14.4   | 18.8   | 22.2   | 23.3   | 25.5   | 26.6   | 28.8   |
| 82.5° | 3.3    | 4.4    | 5.5    | 8.8    | 10.0   | 10.0   | 13.3   | 14.4   | 16.6   | 17.7   | 17.7   |
| 85°   | 1.1    | 2.2    | 2.2    | 3.3    | 5.5    | 6.7    | 7.8    | 8.8    | 10.0   | 10.0   | 11.1   |
| 87.5° | 1.1    | 1.1    | 0.0    | 1.1    | 2.2    | 2.2    | 4.4    | 4.4    | 4.4    | 6.7    | 6.7    |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



TEST NUMBER: P245818

CATALOG NUMBER: LD8B40D010 ER8B40827 8LBSW0GPH

**CANDELA DISTRIBUTION (continued):**

|       | 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|-------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 2268.4 | 2268.4 | 2268.4 | 2268.4 | 2268.4 | 2268.4 | 2268.4 |
| 2.5°  | 2248.5 | 2249.6 | 2245.2 | 2244.1 | 2241.8 | 2242.9 | 2245.2 |
| 5°    | 2207.5 | 2208.6 | 2204.2 | 2199.7 | 2199.7 | 2198.6 | 2199.7 |
| 7.5°  | 2168.7 | 2169.8 | 2163.2 | 2160.9 | 2156.5 | 2157.7 | 2157.7 |
| 10°   | 2129.9 | 2129.9 | 2120.0 | 2118.9 | 2115.5 | 2114.4 | 2114.4 |
| 12.5° | 2092.3 | 2089.0 | 2081.2 | 2076.8 | 2079.0 | 2072.4 | 2072.4 |
| 15°   | 2059.1 | 2053.5 | 2043.6 | 2040.2 | 2034.7 | 2032.5 | 2032.5 |
| 17.5° | 2024.7 | 2020.3 | 2011.5 | 2004.8 | 1998.1 | 1997.1 | 1998.1 |
| 20°   | 1991.5 | 1987.1 | 1976.0 | 1971.6 | 1966.0 | 1966.0 | 1963.8 |
| 22.5° | 1958.3 | 1953.8 | 1943.9 | 1940.6 | 1932.8 | 1932.8 | 1933.9 |
| 25°   | 1923.9 | 1920.6 | 1909.5 | 1907.3 | 1906.2 | 1901.8 | 1904.0 |
| 27.5° | 1877.4 | 1875.2 | 1866.3 | 1863.0 | 1858.6 | 1857.5 | 1859.7 |
| 30°   | 1792.1 | 1788.8 | 1782.2 | 1778.9 | 1771.1 | 1772.2 | 1774.4 |
| 32.5° | 1685.8 | 1681.4 | 1672.5 | 1669.2 | 1662.6 | 1660.3 | 1661.4 |
| 35°   | 1552.9 | 1549.6 | 1541.8 | 1541.8 | 1535.2 | 1532.9 | 1535.2 |
| 37.5° | 1417.8 | 1421.1 | 1417.8 | 1421.1 | 1417.8 | 1416.6 | 1417.8 |
| 40°   | 1290.4 | 1302.6 | 1304.8 | 1317.0 | 1312.6 | 1319.2 | 1318.1 |
| 42.5° | 1168.5 | 1188.5 | 1196.3 | 1206.2 | 1204.0 | 1208.4 | 1211.8 |
| 45°   | 1045.6 | 1062.2 | 1070.0 | 1076.6 | 1077.7 | 1080.0 | 1081.0 |
| 47.5° | 929.3  | 942.6  | 943.7  | 951.4  | 950.3  | 950.3  | 953.7  |
| 50°   | 820.8  | 829.6  | 831.8  | 837.4  | 832.9  | 830.7  | 831.8  |
| 52.5° | 720.0  | 728.8  | 726.6  | 728.8  | 723.3  | 721.1  | 722.2  |
| 55°   | 616.9  | 621.4  | 621.4  | 621.4  | 614.7  | 614.7  | 614.7  |
| 57.5° | 511.7  | 512.8  | 510.6  | 511.7  | 510.6  | 504.0  | 502.9  |
| 60°   | 415.4  | 415.4  | 414.2  | 415.4  | 412.0  | 408.7  | 408.7  |
| 62.5° | 324.5  | 326.7  | 331.2  | 326.7  | 324.5  | 326.7  | 323.4  |
| 65°   | 242.6  | 247.0  | 245.9  | 248.1  | 247.0  | 247.0  | 244.8  |
| 67.5° | 182.8  | 183.9  | 185.0  | 186.1  | 186.1  | 186.1  | 186.1  |
| 70°   | 134.0  | 137.4  | 136.2  | 136.2  | 136.2  | 136.2  | 142.9  |
| 72.5° | 89.7   | 94.1   | 93.1   | 95.2   | 95.2   | 97.5   | 95.2   |
| 75°   | 60.9   | 65.3   | 63.1   | 66.5   | 65.3   | 63.1   | 68.7   |
| 77.5° | 41.0   | 43.2   | 44.3   | 45.4   | 44.3   | 43.2   | 44.3   |
| 80°   | 28.8   | 31.0   | 29.9   | 31.0   | 31.0   | 31.0   | 32.1   |
| 82.5° | 17.7   | 21.1   | 19.9   | 21.1   | 19.9   | 21.1   | 21.1   |
| 85°   | 12.2   | 13.3   | 11.1   | 13.3   | 12.2   | 12.2   | 14.4   |
| 87.5° | 7.8    | 6.7    | 6.7    | 7.8    | 6.7    | 7.8    | 6.7    |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

(END OF REPORT)