

Scaled data based on original data using

LM-41-14 Approved Method for Photometric Testing Of Indoor Fluorescent Luminaires

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: PORTFOLIO

Report Number: P252709

Luminaire Tested: **LE_6B40D010 EC6B30509040 6LBDW1H**

Issue Date: 3/3/2020

Test Information

Test Method: LM-41-14
Report Number: P252709
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-1712-453-9)
Test Lab: INNOVATION CENTER(G1)
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LE_6B40D010 EC6B30509040 6LBDW1H
Description: PORTFOLIO 6 INCH DOUBLE WALLWASH RECESSED DOWNLIGHT, WITH HAZE TRIM
Light Source: (1) HIGH LUMEN LED 90CRI / 4000K CCT
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4230.0 lumens
Efficiency: N/A
Efficacy: 98.4 lumens/watt
Spacing Criteria (0/90/45): 1.22 / 1.25 / 1.21
Luminous Opening: Circular (Dia: 0.46' x H: 0')
CIE Type: Direct

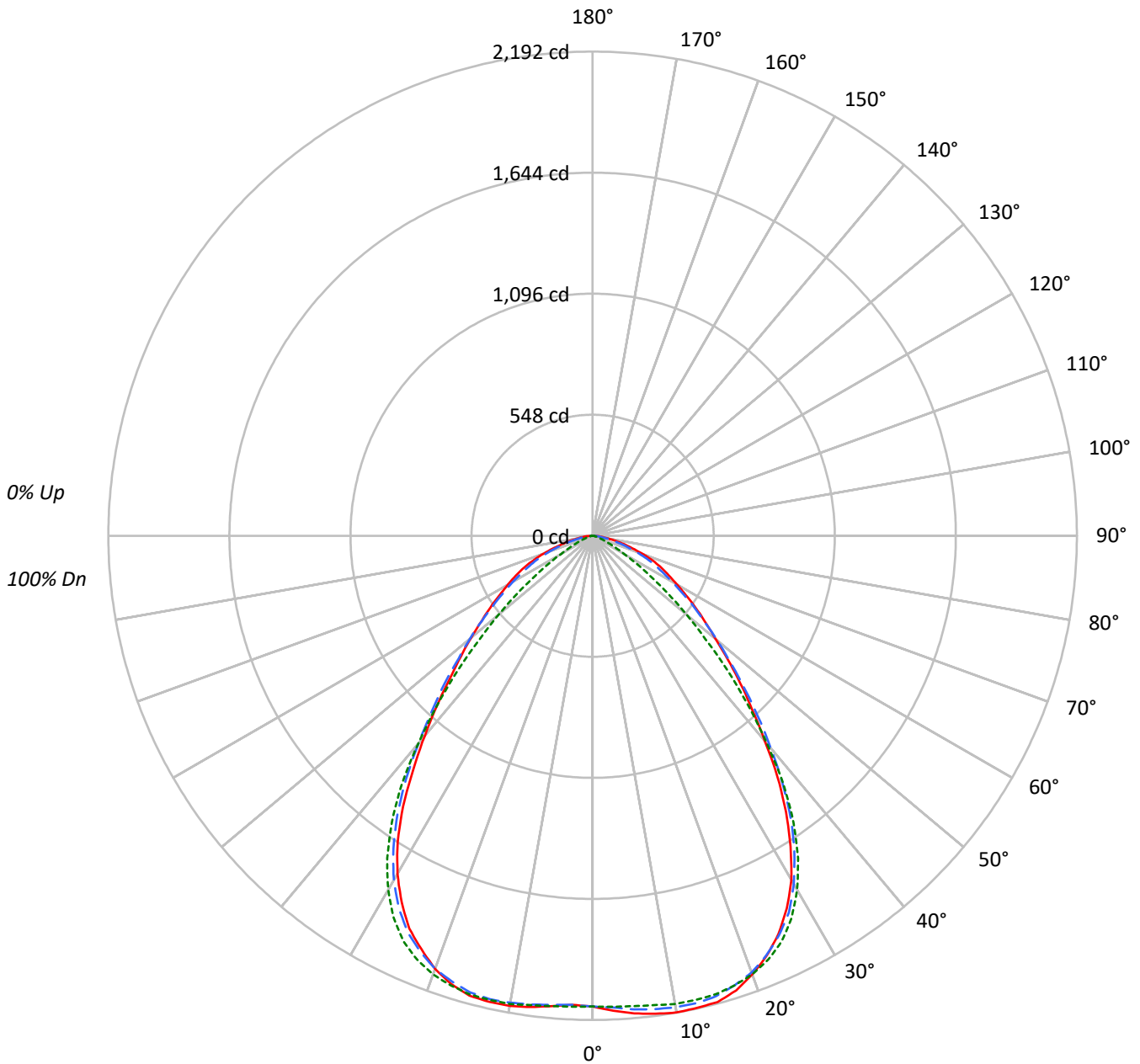
Input Watts (W): 43
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P252709

CATALOG NUMBER: LE_6B40D010 EC6B30509040 6LBDW1H

Luminous Intensity Polar Plot





TEST NUMBER: P252709

CATALOG NUMBER: LE_6B40D010 EC6B30509040 6LBDW1H

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|---|--|--|--|--|--|--|----|--|--|--|--|--|--|--|--|---|
| RF | 20 | | | | | | | | | 20 | | | | | | | | | 20 | | | | | | | | | 20 | | | | | | | | | |
| RC | 80 | | | | | | | | | 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 | 0 | | | | | | | | | | | | | | | | |
| RCR | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0 | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 | | | | | | | | | | | | | | | | | | | |
| 1 | 111 | 107 | 104 | 101 | 109 | 105 | 102 | 99 | 101 | 98 | 96 | 97 | 95 | 93 | 94 | 92 | 91 | 89 | | | | | | | | | | | | | | | | | | | |
| 2 | 103 | 96 | 91 | 86 | 101 | 95 | 89 | 85 | 91 | 87 | 83 | 88 | 84 | 81 | 85 | 82 | 80 | 78 | | | | | | | | | | | | | | | | | | | |
| 3 | 95 | 87 | 80 | 75 | 93 | 85 | 79 | 74 | 82 | 77 | 73 | 80 | 75 | 71 | 77 | 74 | 70 | 68 | | | | | | | | | | | | | | | | | | | |
| 4 | 89 | 78 | 71 | 65 | 87 | 77 | 70 | 65 | 75 | 69 | 64 | 73 | 67 | 63 | 71 | 66 | 62 | 61 | | | | | | | | | | | | | | | | | | | |
| 5 | 82 | 71 | 64 | 58 | 80 | 70 | 63 | 58 | 68 | 62 | 57 | 66 | 61 | 56 | 65 | 60 | 56 | 54 | | | | | | | | | | | | | | | | | | | |
| 6 | 77 | 65 | 57 | 52 | 75 | 64 | 57 | 51 | 63 | 56 | 51 | 61 | 55 | 51 | 59 | 54 | 50 | 48 | | | | | | | | | | | | | | | | | | | |
| 7 | 72 | 60 | 52 | 47 | 70 | 59 | 52 | 46 | 58 | 51 | 46 | 56 | 50 | 46 | 55 | 50 | 45 | 44 | | | | | | | | | | | | | | | | | | | |
| 8 | 67 | 55 | 47 | 42 | 66 | 54 | 47 | 42 | 53 | 47 | 42 | 52 | 46 | 42 | 51 | 45 | 41 | 40 | | | | | | | | | | | | | | | | | | | |
| 9 | 63 | 51 | 43 | 38 | 62 | 50 | 43 | 38 | 49 | 43 | 38 | 48 | 42 | 38 | 47 | 42 | 38 | 36 | | | | | | | | | | | | | | | | | | | |
| 10 | 59 | 47 | 40 | 35 | 58 | 47 | 40 | 35 | 46 | 39 | 35 | 45 | 39 | 35 | 44 | 39 | 35 | 33 | | | | | | | | | | | | | | | | | | | |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° |
|-----|--------|--------|--------|
| 0° | 139034 | 139034 | 139034 |
| 5° | 142139 | 139965 | 139965 |
| 10° | 145180 | 142577 | 143173 |
| 15° | 147606 | 145161 | 145567 |
| 20° | 146708 | 146708 | 144826 |
| 25° | 143214 | 145813 | 141263 |
| 30° | 135570 | 139435 | 133069 |
| 35° | 121473 | 126276 | 119076 |
| 40° | 103204 | 104490 | 100632 |
| 45° | 87328 | 79818 | 84274 |
| 50° | 73737 | 56290 | 72814 |
| 55° | 64811 | 36341 | 64129 |
| 60° | 57425 | 21634 | 57816 |
| 65° | 53042 | 13029 | 53042 |
| 70° | 45990 | 7458 | 44846 |
| 75° | 36500 | 4562 | 34181 |
| 80° | 27201 | 3381 | 26074 |
| 85° | 24777 | 2246 | 22531 |



TEST NUMBER: P252709

CATALOG NUMBER: LE_6B40D010 EC6B30509040 6LBDW1H

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 205.2 | 4.9 |
| 10°-20° | 607.2 | 14.4 |
| 20°-30° | 913.3 | 21.6 |
| 30°-40° | 960.2 | 22.7 |
| 40°-50° | 717.3 | 17.0 |
| 50°-60° | 446.6 | 10.6 |
| 60°-70° | 254.0 | 6.0 |
| 70°-80° | 104.6 | 2.5 |
| 80°-90° | 21.6 | 0.5 |
| 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° | 1725.7 | 40.8 |
| 0°-40° | 2685.9 | 63.5 |
| 0°-60° | 3849.8 | 91.0 |
| 0°-90° | 4230.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 4230.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 45° | 90° | 135° | 180° | Flux |
|-----|------|------|------|------|------|------|
| 0° | 2131 | 2131 | 2131 | 2131 | 2131 | |
| 5° | 2170 | 2152 | 2137 | 2131 | 2137 | 208 |
| 15° | 2185 | 2158 | 2149 | 2140 | 2155 | 614 |
| 25° | 1990 | 1996 | 2026 | 1980 | 1962 | 911 |
| 35° | 1525 | 1564 | 1586 | 1540 | 1495 | 946 |
| 45° | 946 | 968 | 865 | 950 | 913 | 733 |
| 55° | 570 | 558 | 320 | 549 | 564 | 512 |
| 65° | 344 | 308 | 84 | 308 | 344 | 338 |
| 75° | 145 | 114 | 18 | 112 | 136 | 157 |
| 85° | 33 | 21 | 3 | 18 | 30 | 37 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P252709

CATALOG NUMBER: LE_6B40D010 EC6B30509040 6LBDW1H

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 22.5° | 25° | 30° | 35° | 40° | 45° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2131.1 | 2131.1 | 2131.1 | 2131.1 | 2131.1 | 2131.1 | 2131.1 | 2131.1 | 2131.1 | 2131.1 | 2131.1 |
| 2.5° | 2152.2 | 2149.2 | 2152.2 | 2146.2 | 2143.2 | 2143.2 | 2146.2 | 2140.2 | 2137.2 | 2140.2 | 2137.2 |
| 5° | 2170.4 | 2164.4 | 2167.4 | 2164.4 | 2158.2 | 2158.2 | 2161.2 | 2152.2 | 2152.2 | 2155.2 | 2152.2 |
| 7.5° | 2182.4 | 2182.4 | 2182.4 | 2176.4 | 2173.4 | 2170.4 | 2176.4 | 2167.4 | 2164.4 | 2164.4 | 2161.2 |
| 10° | 2191.5 | 2188.5 | 2191.5 | 2185.4 | 2179.4 | 2176.4 | 2182.4 | 2176.4 | 2170.4 | 2176.4 | 2167.4 |
| 12.5° | 2188.5 | 2188.5 | 2188.5 | 2185.4 | 2179.4 | 2176.4 | 2182.4 | 2173.4 | 2170.4 | 2173.4 | 2167.4 |
| 15° | 2185.4 | 2176.4 | 2179.4 | 2176.4 | 2167.4 | 2167.4 | 2170.4 | 2161.2 | 2155.2 | 2164.4 | 2158.2 |
| 17.5° | 2158.2 | 2152.2 | 2155.2 | 2149.2 | 2143.2 | 2140.2 | 2143.2 | 2140.2 | 2134.1 | 2140.2 | 2134.1 |
| 20° | 2113.1 | 2113.1 | 2116.1 | 2110.1 | 2104.0 | 2101.0 | 2107.0 | 2101.0 | 2095.0 | 2104.0 | 2104.0 |
| 22.5° | 2058.9 | 2058.9 | 2058.9 | 2055.8 | 2052.8 | 2052.8 | 2052.8 | 2049.8 | 2046.8 | 2052.8 | 2055.8 |
| 25° | 1989.5 | 1986.5 | 1989.5 | 1992.5 | 1989.5 | 1986.5 | 1989.5 | 1989.5 | 1983.5 | 1995.5 | 1995.5 |
| 27.5° | 1902.1 | 1902.1 | 1908.1 | 1905.1 | 1905.1 | 1902.1 | 1908.1 | 1908.1 | 1905.1 | 1914.1 | 1923.1 |
| 30° | 1799.6 | 1793.5 | 1799.6 | 1799.6 | 1802.6 | 1802.6 | 1805.6 | 1805.6 | 1805.6 | 1814.6 | 1820.6 |
| 32.5° | 1667.0 | 1670.0 | 1679.0 | 1676.0 | 1673.0 | 1682.0 | 1682.0 | 1688.0 | 1691.1 | 1697.1 | 1700.1 |
| 35° | 1525.2 | 1528.2 | 1528.2 | 1531.2 | 1537.4 | 1531.2 | 1546.4 | 1543.4 | 1546.4 | 1558.4 | 1564.5 |
| 37.5° | 1374.5 | 1365.5 | 1380.6 | 1374.5 | 1377.6 | 1377.6 | 1383.6 | 1386.6 | 1395.6 | 1410.8 | 1410.8 |
| 40° | 1211.8 | 1214.8 | 1220.9 | 1223.9 | 1226.9 | 1226.9 | 1226.9 | 1235.9 | 1238.9 | 1257.0 | 1254.0 |
| 42.5° | 1070.1 | 1070.1 | 1076.1 | 1079.1 | 1079.1 | 1079.1 | 1079.1 | 1088.2 | 1094.2 | 1100.2 | 1106.2 |
| 45° | 946.5 | 937.5 | 943.5 | 943.5 | 949.5 | 946.5 | 952.5 | 958.6 | 961.6 | 970.6 | 967.6 |
| 47.5° | 829.0 | 826.0 | 829.0 | 832.0 | 829.0 | 832.0 | 835.0 | 838.0 | 841.0 | 841.0 | 841.0 |
| 50° | 726.5 | 726.5 | 729.5 | 732.5 | 732.5 | 732.5 | 732.5 | 735.5 | 735.5 | 741.5 | 735.5 |
| 52.5° | 642.0 | 645.1 | 645.1 | 642.0 | 645.1 | 645.1 | 648.1 | 648.1 | 645.1 | 645.1 | 636.0 |
| 55° | 569.8 | 566.8 | 569.8 | 566.8 | 569.8 | 569.8 | 566.8 | 566.8 | 563.8 | 560.6 | 557.6 |
| 57.5° | 500.4 | 500.4 | 500.4 | 500.4 | 497.4 | 500.4 | 497.4 | 494.4 | 494.4 | 488.4 | 479.2 |
| 60° | 440.1 | 440.1 | 440.1 | 440.1 | 440.1 | 437.1 | 440.1 | 437.1 | 431.0 | 425.0 | 413.0 |
| 62.5° | 388.9 | 385.9 | 388.9 | 385.9 | 385.9 | 382.9 | 382.9 | 379.8 | 373.8 | 367.8 | 355.8 |
| 65° | 343.6 | 346.6 | 343.6 | 343.6 | 340.6 | 337.6 | 337.6 | 334.6 | 325.5 | 319.5 | 307.5 |
| 67.5° | 295.4 | 292.4 | 292.4 | 292.4 | 289.4 | 289.4 | 289.4 | 283.4 | 277.4 | 268.2 | 256.2 |
| 70° | 241.1 | 241.1 | 241.1 | 238.1 | 238.1 | 235.1 | 235.1 | 232.1 | 226.1 | 220.0 | 205.0 |
| 72.5° | 189.9 | 189.9 | 189.9 | 183.9 | 186.9 | 183.9 | 183.9 | 177.9 | 174.9 | 165.8 | 156.8 |
| 75° | 144.8 | 144.8 | 141.6 | 141.6 | 138.6 | 135.6 | 135.6 | 132.6 | 129.6 | 123.6 | 114.5 |
| 77.5° | 105.5 | 105.5 | 105.5 | 102.5 | 99.5 | 96.5 | 96.5 | 93.5 | 90.4 | 87.4 | 81.4 |
| 80° | 72.4 | 72.4 | 72.4 | 72.4 | 69.4 | 66.4 | 66.4 | 63.2 | 63.2 | 60.2 | 54.2 |
| 82.5° | 48.2 | 48.2 | 48.2 | 48.2 | 45.2 | 45.2 | 45.2 | 42.2 | 39.1 | 39.1 | 33.1 |
| 85° | 33.1 | 33.1 | 30.1 | 30.1 | 30.1 | 30.1 | 27.1 | 27.1 | 24.1 | 21.1 | 21.1 |
| 87.5° | 18.1 | 18.1 | 18.1 | 18.1 | 15.1 | 15.1 | 15.1 | 15.1 | 12.0 | 12.0 | 9.0 |
| 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: P252709

CATALOG NUMBER: LE_6B40D010 EC6B30509040 6LBDW1H

CANDELA DISTRIBUTION (continued):

| | 50° | 55° | 60° | 65° | 67.5° | 70° | 75° | 80° | 85° | 90° | 95° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2131.1 | 2131.1 | 2131.1 | 2131.1 | 2131.1 | 2131.1 | 2131.1 | 2131.1 | 2131.1 | 2131.1 | 2131.1 |
| 2.5° | 2146.2 | 2146.2 | 2143.2 | 2134.1 | 2137.2 | 2134.1 | 2137.2 | 2134.1 | 2125.1 | 2134.1 | 2125.1 |
| 5° | 2158.2 | 2161.2 | 2155.2 | 2143.2 | 2146.2 | 2143.2 | 2143.2 | 2140.2 | 2131.1 | 2137.2 | 2131.1 |
| 7.5° | 2170.4 | 2167.4 | 2164.4 | 2152.2 | 2155.2 | 2152.2 | 2152.2 | 2146.2 | 2137.2 | 2143.2 | 2134.1 |
| 10° | 2176.4 | 2176.4 | 2170.4 | 2158.2 | 2158.2 | 2155.2 | 2158.2 | 2155.2 | 2143.2 | 2152.2 | 2146.2 |
| 12.5° | 2176.4 | 2173.4 | 2173.4 | 2158.2 | 2161.2 | 2158.2 | 2161.2 | 2155.2 | 2146.2 | 2152.2 | 2149.2 |
| 15° | 2167.4 | 2167.4 | 2164.4 | 2149.2 | 2152.2 | 2152.2 | 2155.2 | 2149.2 | 2140.2 | 2149.2 | 2143.2 |
| 17.5° | 2149.2 | 2149.2 | 2146.2 | 2134.1 | 2140.2 | 2140.2 | 2143.2 | 2137.2 | 2128.1 | 2134.1 | 2134.1 |
| 20° | 2113.1 | 2116.1 | 2116.1 | 2107.0 | 2113.1 | 2113.1 | 2116.1 | 2113.1 | 2110.1 | 2113.1 | 2107.0 |
| 22.5° | 2070.9 | 2076.9 | 2076.9 | 2067.9 | 2073.9 | 2073.9 | 2082.9 | 2079.9 | 2073.9 | 2076.9 | 2073.9 |
| 25° | 2007.6 | 2013.6 | 2019.6 | 2013.6 | 2019.6 | 2019.6 | 2028.6 | 2025.6 | 2019.6 | 2025.6 | 2016.6 |
| 27.5° | 1935.2 | 1938.2 | 1944.2 | 1938.2 | 1947.2 | 1944.2 | 1953.4 | 1950.2 | 1941.2 | 1950.2 | 1947.2 |
| 30° | 1832.8 | 1844.8 | 1853.9 | 1844.8 | 1853.9 | 1853.9 | 1859.9 | 1856.9 | 1853.9 | 1850.9 | 1850.9 |
| 32.5° | 1718.2 | 1730.2 | 1730.2 | 1727.2 | 1733.2 | 1733.2 | 1736.2 | 1730.2 | 1727.2 | 1730.2 | 1733.2 |
| 35° | 1576.5 | 1582.5 | 1588.6 | 1585.5 | 1588.6 | 1591.6 | 1588.6 | 1591.6 | 1582.5 | 1585.5 | 1585.5 |
| 37.5° | 1422.8 | 1428.9 | 1428.9 | 1419.8 | 1425.8 | 1425.8 | 1419.8 | 1419.8 | 1413.8 | 1419.8 | 1407.8 |
| 40° | 1260.0 | 1254.0 | 1257.0 | 1251.0 | 1245.0 | 1245.0 | 1241.9 | 1229.9 | 1223.9 | 1226.9 | 1229.9 |
| 42.5° | 1100.2 | 1100.2 | 1091.2 | 1076.1 | 1061.0 | 1061.0 | 1052.0 | 1046.0 | 1033.9 | 1040.0 | 1037.0 |
| 45° | 964.6 | 949.5 | 937.5 | 913.4 | 904.4 | 898.2 | 883.2 | 868.1 | 862.1 | 865.1 | 862.1 |
| 47.5° | 835.0 | 822.9 | 792.8 | 759.6 | 750.6 | 741.5 | 723.5 | 705.4 | 699.4 | 693.2 | 693.2 |
| 50° | 726.5 | 705.4 | 672.2 | 636.0 | 621.0 | 605.9 | 581.8 | 563.8 | 551.6 | 554.6 | 554.6 |
| 52.5° | 627.0 | 602.9 | 563.8 | 518.5 | 500.4 | 482.2 | 461.2 | 440.1 | 431.0 | 428.0 | 428.0 |
| 55° | 539.6 | 512.5 | 473.2 | 422.0 | 407.0 | 385.9 | 358.8 | 334.6 | 322.5 | 319.5 | 325.5 |
| 57.5° | 461.2 | 437.1 | 391.9 | 340.6 | 322.5 | 301.5 | 274.2 | 253.2 | 238.1 | 235.1 | 238.1 |
| 60° | 397.9 | 364.8 | 325.5 | 277.4 | 253.2 | 235.1 | 205.0 | 186.9 | 171.9 | 165.8 | 168.8 |
| 62.5° | 334.6 | 304.5 | 265.2 | 217.0 | 199.0 | 180.9 | 153.8 | 132.6 | 120.6 | 117.5 | 120.6 |
| 65° | 286.4 | 256.2 | 220.0 | 177.9 | 159.8 | 141.6 | 117.5 | 96.5 | 87.4 | 84.4 | 87.4 |
| 67.5° | 238.1 | 211.0 | 180.9 | 141.6 | 126.6 | 111.5 | 87.4 | 72.4 | 60.2 | 57.2 | 60.2 |
| 70° | 192.9 | 168.8 | 138.6 | 111.5 | 96.5 | 84.4 | 66.4 | 51.2 | 42.2 | 39.1 | 42.2 |
| 72.5° | 144.8 | 126.6 | 105.5 | 81.4 | 72.4 | 63.2 | 48.2 | 36.1 | 30.1 | 27.1 | 30.1 |
| 75° | 105.5 | 90.4 | 75.4 | 57.2 | 51.2 | 45.2 | 33.1 | 24.1 | 21.1 | 18.1 | 21.1 |
| 77.5° | 72.4 | 63.2 | 51.2 | 39.1 | 33.1 | 30.1 | 21.1 | 18.1 | 15.1 | 12.0 | 12.0 |
| 80° | 48.2 | 42.2 | 33.1 | 27.1 | 24.1 | 21.1 | 15.1 | 12.0 | 9.0 | 9.0 | 9.0 |
| 82.5° | 30.1 | 24.1 | 21.1 | 15.1 | 12.0 | 12.0 | 9.0 | 6.0 | 6.0 | 6.0 | 6.0 |
| 85° | 18.1 | 15.1 | 12.0 | 9.0 | 6.0 | 6.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 |
| 87.5° | 9.0 | 6.0 | 6.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 0.0 | 0.0 | 3.0 |
| 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: P252709

CATALOG NUMBER: LE_6B40D010 EC6B30509040 6LBDW1H

CANDELA DISTRIBUTION (continued):

| | 100° | 105° | 110° | 112.5° | 115° | 120° | 125° | 130° | 135° | 140° | 145° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2131.1 | 2131.1 | 2131.1 | 2131.1 | 2131.1 | 2131.1 | 2131.1 | 2131.1 | 2131.1 | 2131.1 | 2131.1 |
| 2.5° | 2131.1 | 2125.1 | 2125.1 | 2128.1 | 2131.1 | 2134.1 | 2128.1 | 2125.1 | 2125.1 | 2134.1 | 2128.1 |
| 5° | 2131.1 | 2128.1 | 2128.1 | 2128.1 | 2134.1 | 2137.2 | 2131.1 | 2128.1 | 2131.1 | 2140.2 | 2137.2 |
| 7.5° | 2140.2 | 2134.1 | 2137.2 | 2137.2 | 2140.2 | 2146.2 | 2140.2 | 2137.2 | 2140.2 | 2149.2 | 2143.2 |
| 10° | 2146.2 | 2140.2 | 2143.2 | 2140.2 | 2149.2 | 2152.2 | 2146.2 | 2143.2 | 2146.2 | 2158.2 | 2155.2 |
| 12.5° | 2149.2 | 2146.2 | 2146.2 | 2143.2 | 2152.2 | 2155.2 | 2149.2 | 2146.2 | 2149.2 | 2158.2 | 2155.2 |
| 15° | 2143.2 | 2140.2 | 2140.2 | 2140.2 | 2146.2 | 2152.2 | 2143.2 | 2140.2 | 2140.2 | 2149.2 | 2146.2 |
| 17.5° | 2131.1 | 2125.1 | 2125.1 | 2125.1 | 2128.1 | 2131.1 | 2122.1 | 2119.1 | 2116.1 | 2125.1 | 2122.1 |
| 20° | 2110.1 | 2104.0 | 2098.0 | 2098.0 | 2101.0 | 2101.0 | 2095.0 | 2086.0 | 2086.0 | 2089.0 | 2082.9 |
| 22.5° | 2070.9 | 2067.9 | 2061.9 | 2058.9 | 2064.9 | 2061.9 | 2049.8 | 2040.8 | 2037.8 | 2040.8 | 2034.8 |
| 25° | 2016.6 | 2010.6 | 2007.6 | 2004.5 | 2007.6 | 2004.5 | 1992.5 | 1980.5 | 1980.5 | 1980.5 | 1971.4 |
| 27.5° | 1941.2 | 1935.2 | 1932.2 | 1932.2 | 1935.2 | 1929.2 | 1917.1 | 1905.1 | 1899.0 | 1899.0 | 1890.0 |
| 30° | 1844.8 | 1844.8 | 1841.8 | 1838.8 | 1835.8 | 1835.8 | 1817.6 | 1805.6 | 1799.6 | 1802.6 | 1796.6 |
| 32.5° | 1727.2 | 1724.2 | 1721.2 | 1712.1 | 1715.1 | 1712.1 | 1697.1 | 1688.0 | 1679.0 | 1673.0 | 1670.0 |
| 35° | 1576.5 | 1576.5 | 1573.5 | 1573.5 | 1573.5 | 1570.5 | 1555.4 | 1546.4 | 1540.4 | 1537.4 | 1528.2 |
| 37.5° | 1410.8 | 1407.8 | 1404.8 | 1404.8 | 1404.8 | 1404.8 | 1395.6 | 1386.6 | 1386.6 | 1383.6 | 1377.6 |
| 40° | 1223.9 | 1226.9 | 1229.9 | 1226.9 | 1235.9 | 1245.0 | 1232.9 | 1226.9 | 1223.9 | 1232.9 | 1220.9 |
| 42.5° | 1043.0 | 1040.0 | 1055.0 | 1058.0 | 1058.0 | 1073.1 | 1076.1 | 1079.1 | 1076.1 | 1082.1 | 1082.1 |
| 45° | 868.1 | 865.1 | 880.2 | 886.2 | 901.2 | 919.4 | 928.4 | 943.5 | 949.5 | 955.5 | 949.5 |
| 47.5° | 702.4 | 714.4 | 726.5 | 741.5 | 753.6 | 783.8 | 801.9 | 816.9 | 822.9 | 832.0 | 832.0 |
| 50° | 563.8 | 575.8 | 596.9 | 608.9 | 624.0 | 660.1 | 690.2 | 711.4 | 723.5 | 732.5 | 729.5 |
| 52.5° | 434.1 | 455.1 | 482.2 | 494.4 | 515.5 | 557.6 | 590.9 | 614.9 | 630.0 | 639.0 | 642.0 |
| 55° | 334.6 | 352.6 | 379.8 | 397.9 | 419.0 | 464.2 | 506.4 | 533.5 | 548.6 | 560.6 | 566.8 |
| 57.5° | 247.1 | 268.2 | 298.4 | 313.5 | 337.6 | 388.9 | 425.0 | 458.1 | 476.2 | 491.4 | 494.4 |
| 60° | 180.9 | 202.0 | 229.1 | 247.1 | 271.2 | 322.5 | 364.8 | 394.9 | 416.0 | 428.0 | 434.1 |
| 62.5° | 129.6 | 150.8 | 177.9 | 195.9 | 217.0 | 262.2 | 304.5 | 334.6 | 355.8 | 370.8 | 379.8 |
| 65° | 93.5 | 114.5 | 141.6 | 156.8 | 174.9 | 217.0 | 256.2 | 286.4 | 307.5 | 325.5 | 331.6 |
| 67.5° | 69.4 | 84.4 | 108.5 | 123.6 | 141.6 | 174.9 | 208.0 | 235.1 | 256.2 | 271.2 | 277.4 |
| 70° | 51.2 | 63.2 | 84.4 | 93.5 | 105.5 | 135.6 | 162.8 | 186.9 | 205.0 | 217.0 | 223.1 |
| 72.5° | 36.1 | 45.2 | 60.2 | 69.4 | 78.4 | 102.5 | 123.6 | 141.6 | 153.8 | 165.8 | 171.9 |
| 75° | 24.1 | 30.1 | 42.2 | 48.2 | 54.2 | 72.4 | 87.4 | 102.5 | 111.5 | 120.6 | 123.6 |
| 77.5° | 15.1 | 21.1 | 30.1 | 33.1 | 39.1 | 48.2 | 60.2 | 69.4 | 75.4 | 81.4 | 87.4 |
| 80° | 9.0 | 12.0 | 18.1 | 21.1 | 24.1 | 33.1 | 39.1 | 45.2 | 51.2 | 57.2 | 60.2 |
| 82.5° | 6.0 | 9.0 | 12.0 | 12.0 | 15.1 | 18.1 | 24.1 | 30.1 | 33.1 | 36.1 | 39.1 |
| 85° | 3.0 | 3.0 | 6.0 | 6.0 | 9.0 | 9.0 | 12.0 | 15.1 | 18.1 | 21.1 | 24.1 |
| 87.5° | 3.0 | 3.0 | 3.0 | 3.0 | 6.0 | 6.0 | 9.0 | 9.0 | 9.0 | 12.0 | 12.0 |
| 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: P252709

CATALOG NUMBER: LE_6B40D010 EC6B30509040 6LBDW1H

CANDELA DISTRIBUTION (continued):

| | 150° | 155° | 157.5° | 160° | 165° | 170° | 175° | 180° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2131.1 | 2131.1 | 2131.1 | 2131.1 | 2131.1 | 2131.1 | 2131.1 | 2131.1 |
| 2.5° | 2122.1 | 2131.1 | 2122.1 | 2128.1 | 2125.1 | 2125.1 | 2122.1 | 2125.1 |
| 5° | 2131.1 | 2143.2 | 2131.1 | 2140.2 | 2134.1 | 2134.1 | 2134.1 | 2137.2 |
| 7.5° | 2140.2 | 2152.2 | 2143.2 | 2152.2 | 2149.2 | 2146.2 | 2146.2 | 2152.2 |
| 10° | 2149.2 | 2158.2 | 2152.2 | 2161.2 | 2158.2 | 2155.2 | 2155.2 | 2161.2 |
| 12.5° | 2149.2 | 2161.2 | 2155.2 | 2164.4 | 2161.2 | 2158.2 | 2158.2 | 2161.2 |
| 15° | 2140.2 | 2155.2 | 2146.2 | 2155.2 | 2152.2 | 2149.2 | 2149.2 | 2155.2 |
| 17.5° | 2113.1 | 2125.1 | 2119.1 | 2125.1 | 2125.1 | 2122.1 | 2125.1 | 2128.1 |
| 20° | 2076.9 | 2086.0 | 2079.9 | 2086.0 | 2086.0 | 2079.9 | 2082.9 | 2086.0 |
| 22.5° | 2025.6 | 2034.8 | 2028.6 | 2034.8 | 2031.8 | 2028.6 | 2028.6 | 2025.6 |
| 25° | 1962.4 | 1974.4 | 1965.4 | 1971.4 | 1965.4 | 1959.4 | 1959.4 | 1962.4 |
| 27.5° | 1884.0 | 1893.0 | 1881.0 | 1887.0 | 1881.0 | 1875.0 | 1875.0 | 1871.9 |
| 30° | 1781.5 | 1784.5 | 1775.5 | 1781.5 | 1775.5 | 1772.5 | 1766.4 | 1766.4 |
| 32.5° | 1657.9 | 1660.9 | 1651.9 | 1651.9 | 1645.9 | 1645.9 | 1633.8 | 1642.9 |
| 35° | 1513.2 | 1516.2 | 1513.2 | 1510.2 | 1501.1 | 1498.1 | 1495.1 | 1495.1 |
| 37.5° | 1362.5 | 1362.5 | 1353.5 | 1350.5 | 1344.4 | 1338.4 | 1341.4 | 1332.4 |
| 40° | 1208.8 | 1205.8 | 1196.8 | 1199.8 | 1196.8 | 1187.6 | 1184.6 | 1181.6 |
| 42.5° | 1064.1 | 1064.1 | 1055.0 | 1058.0 | 1052.0 | 1049.0 | 1040.0 | 1043.0 |
| 45° | 937.5 | 937.5 | 928.4 | 928.4 | 925.4 | 916.4 | 919.4 | 913.4 |
| 47.5° | 822.9 | 822.9 | 819.9 | 819.9 | 810.9 | 807.9 | 807.9 | 807.9 |
| 50° | 723.5 | 723.5 | 723.5 | 723.5 | 720.4 | 717.4 | 714.4 | 717.4 |
| 52.5° | 639.0 | 645.1 | 642.0 | 642.0 | 639.0 | 636.0 | 633.0 | 633.0 |
| 55° | 563.8 | 566.8 | 566.8 | 569.8 | 566.8 | 563.8 | 566.8 | 563.8 |
| 57.5° | 497.4 | 503.4 | 503.4 | 503.4 | 503.4 | 503.4 | 500.4 | 497.4 |
| 60° | 440.1 | 443.1 | 443.1 | 446.1 | 446.1 | 446.1 | 443.1 | 443.1 |
| 62.5° | 382.9 | 388.9 | 391.9 | 391.9 | 394.9 | 391.9 | 391.9 | 391.9 |
| 65° | 337.6 | 343.6 | 346.6 | 343.6 | 346.6 | 346.6 | 343.6 | 343.6 |
| 67.5° | 283.4 | 289.4 | 289.4 | 289.4 | 289.4 | 292.4 | 289.4 | 289.4 |
| 70° | 229.1 | 235.1 | 232.1 | 235.1 | 235.1 | 235.1 | 235.1 | 235.1 |
| 72.5° | 174.9 | 177.9 | 180.9 | 180.9 | 183.9 | 180.9 | 180.9 | 180.9 |
| 75° | 126.6 | 132.6 | 132.6 | 132.6 | 132.6 | 135.6 | 135.6 | 135.6 |
| 77.5° | 90.4 | 93.5 | 93.5 | 96.5 | 96.5 | 96.5 | 96.5 | 99.5 |
| 80° | 63.2 | 63.2 | 66.4 | 66.4 | 69.4 | 69.4 | 69.4 | 69.4 |
| 82.5° | 42.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 |
| 85° | 24.1 | 27.1 | 27.1 | 27.1 | 27.1 | 30.1 | 30.1 | 30.1 |
| 87.5° | 15.1 | 15.1 | 15.1 | 15.1 | 15.1 | 15.1 | 12.0 | 12.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



Report Generated By E9808895 / USPTCWHP6082093





— 0°-180° - - 45°-225° - - - - 90°-270°













(END OF REPORT)