

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: io LED

Report Number: P212812

Luminaire Tested: **LD6B30D010 EU6B30508040 6LBSWLI1**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-41-14  
Report Number: P212812  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29203)  
Test Lab: INNOVATION CENTER-P2  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: io LED  
Catalog Number: LD6B30D010 EU6B30508040 6LBSWL1  
Description: PORTFOLIO 6 INCH SINGLE WALLWASH RECESSED DOWNLIGHT, WITH SPECULAR CLEAR TRIM  
Light Source: (1) HIGH LUMEN LED 80CRI / 4000K CCT  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2924.8 lumens  
Efficiency: N/A  
Efficacy: 104.5 lumens/watt  
Spacing Criteria (0/90/45): 1.2 / 1.24 / 1.18  
Luminous Opening: Circular (Dia: 0.5' x H: 0')  
CIE Type: Direct

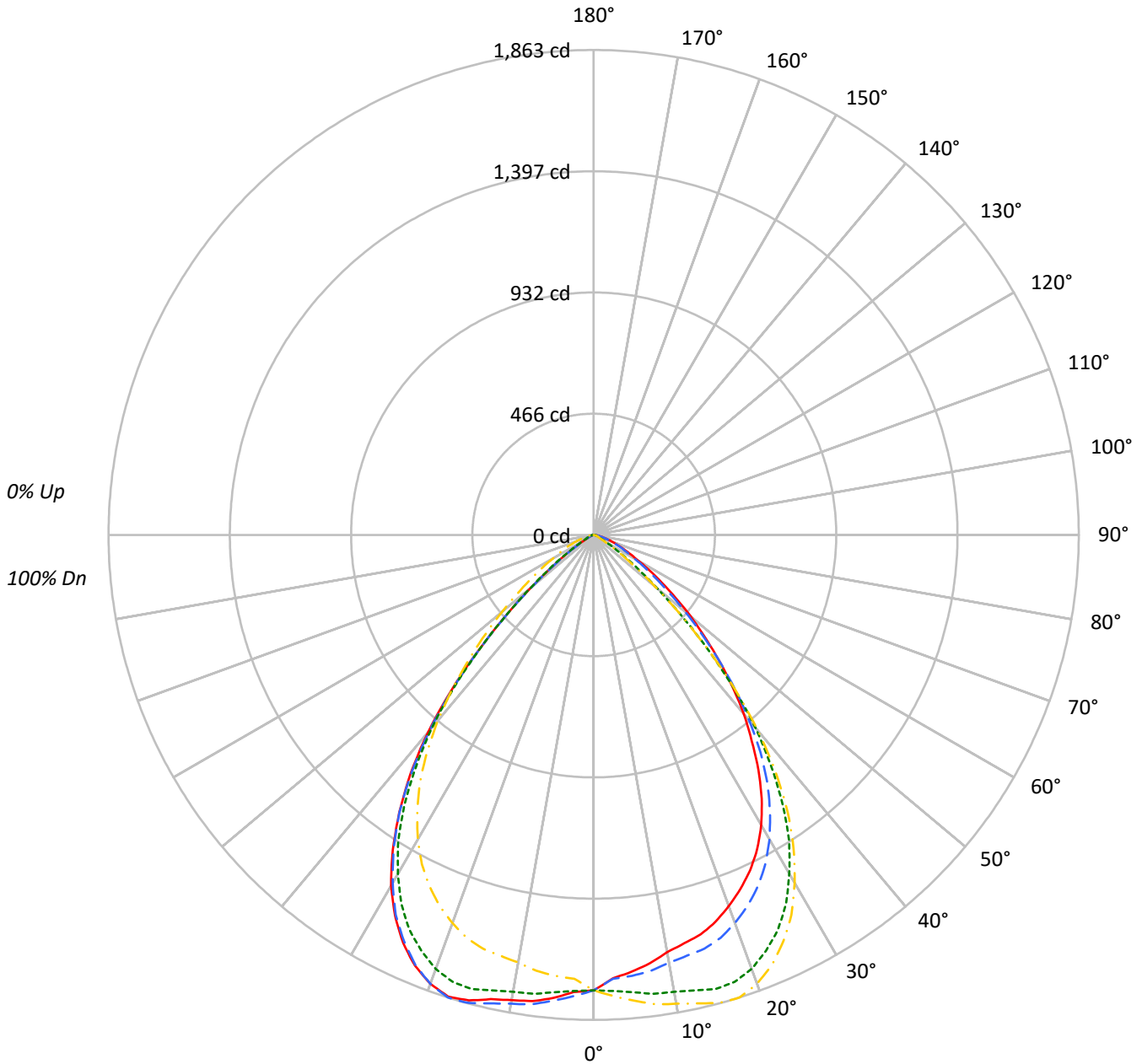
Input Watts (W): 28  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



TEST NUMBER: P212812

CATALOG NUMBER: LD6B30D010 EU6B30508040 6LBSWL11

### Luminous Intensity Polar Plot





TEST NUMBER: P212812

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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 | 0  |  |  |  |  |   |
| RCR |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |    |  |  |  |  |   |
| 0   | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 |    |    |    |  |  |  |  |   |
| 1   | 112 | 109 | 106 | 103 | 110 | 107 | 104 | 102 | 103 | 100 | 99  | 99  | 97  | 96  | 95  | 94  | 93  | 91  |    |    |    |  |  |  |  |   |
| 2   | 105 | 99  | 94  | 90  | 103 | 97  | 93  | 89  | 94  | 90  | 87  | 91  | 88  | 85  | 88  | 86  | 84  | 82  |    |    |    |  |  |  |  |   |
| 3   | 98  | 91  | 84  | 80  | 96  | 89  | 84  | 79  | 86  | 82  | 78  | 84  | 80  | 76  | 81  | 78  | 75  | 73  |    |    |    |  |  |  |  |   |
| 4   | 92  | 83  | 76  | 71  | 90  | 82  | 75  | 71  | 79  | 74  | 70  | 77  | 73  | 69  | 75  | 71  | 68  | 66  |    |    |    |  |  |  |  |   |
| 5   | 86  | 76  | 69  | 64  | 84  | 75  | 68  | 63  | 73  | 67  | 63  | 71  | 66  | 62  | 70  | 65  | 62  | 60  |    |    |    |  |  |  |  |   |
| 6   | 81  | 70  | 63  | 57  | 79  | 69  | 62  | 57  | 67  | 61  | 57  | 66  | 60  | 56  | 64  | 60  | 56  | 54  |    |    |    |  |  |  |  |   |
| 7   | 76  | 64  | 57  | 52  | 74  | 64  | 57  | 52  | 62  | 56  | 52  | 61  | 56  | 51  | 60  | 55  | 51  | 49  |    |    |    |  |  |  |  |   |
| 8   | 71  | 60  | 53  | 48  | 70  | 59  | 52  | 48  | 58  | 52  | 47  | 57  | 51  | 47  | 56  | 51  | 47  | 45  |    |    |    |  |  |  |  |   |
| 9   | 67  | 55  | 48  | 44  | 66  | 55  | 48  | 44  | 54  | 48  | 43  | 53  | 47  | 43  | 52  | 47  | 43  | 42  |    |    |    |  |  |  |  |   |
| 10  | 63  | 52  | 45  | 40  | 62  | 51  | 45  | 40  | 50  | 44  | 40  | 49  | 44  | 40  | 49  | 43  | 40  | 38  |    |    |    |  |  |  |  |   |

**AVERAGE LUMINANCE (cd/sqm):**

|     | 0°    | 90°    | 180°   | 270°   |
|-----|-------|--------|--------|--------|
| 0°  | 95902 | 95902  | 95902  | 95902  |
| 5°  | 92681 | 97050  | 98283  | 97050  |
| 10° | 90579 | 99191  | 101006 | 99191  |
| 15° | 90154 | 102520 | 105063 | 102520 |
| 20° | 88511 | 103481 | 107045 | 103481 |
| 25° | 85983 | 101256 | 104704 | 101256 |
| 30° | 81475 | 95135  | 98490  | 95135  |
| 35° | 73870 | 84771  | 87087  | 84771  |
| 40° | 64127 | 69079  | 70826  | 69079  |
| 45° | 52579 | 47679  | 47997  | 47679  |
| 50° | 41338 | 26745  | 26225  | 26745  |
| 55° | 30556 | 13237  | 11871  | 13237  |
| 60° | 21654 | 5800   | 4243   | 5800   |
| 65° | 16111 | 3697   | 2646   | 3697   |
| 70° | 11749 | 2933   | 1955   | 2933   |
| 75° | 8621  | 2160   | 1292   | 2160   |
| 80° | 5777  | 1926   | 631    | 1926   |
| 85° | 3837  | 1258   | 1258   | 1258   |



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 167.5  | 5.7       |
| 10°-20°   | 496.0  | 17.0      |
| 20°-30°   | 740.2  | 25.3      |
| 30°-40°   | 760.5  | 26.0      |
| 40°-50°   | 492.5  | 16.8      |
| 50°-60°   | 183.1  | 6.3       |
| 60°-70°   | 60.1   | 2.1       |
| 70°-80°   | 21.2   | 0.7       |
| 80°-90°   | 3.8    | 0.1       |
| 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°    | 1403.7 | 48.0      |
| 0°-40°    | 2164.1 | 74.0      |
| 0°-60°    | 2839.7 | 97.1      |
| 0°-90°    | 2924.8 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 2924.8 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 90°  | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0°  | 1749 | 1749 | 1749 | 1749 | 1749 |      |
| 5°  | 1684 | 1764 | 1786 | 1764 | 1684 | 159  |
| 15° | 1588 | 1806 | 1851 | 1806 | 1588 | 447  |
| 25° | 1422 | 1674 | 1731 | 1674 | 1422 | 651  |
| 35° | 1104 | 1267 | 1301 | 1267 | 1104 | 685  |
| 45° | 678  | 615  | 619  | 615  | 678  | 524  |
| 55° | 320  | 138  | 124  | 138  | 320  | 291  |
| 65° | 124  | 28   | 20   | 28   | 124  | 126  |
| 75° | 41   | 10   | 6    | 10   | 41   | 45   |
| 85° | 6    | 2    | 2    | 2    | 6    | 8    |
| 90° | 0    | 0    | 0    | 0    | 0    |      |



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**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 10°    | 15°    | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1749.4 | 1749.4 | 1749.4 | 1749.4 | 1749.4 | 1749.4 | 1749.4 | 1749.4 | 1749.4 | 1749.4 | 1749.4 |
| 2.5°  | 1704.6 | 1729.0 | 1712.7 | 1722.9 | 1706.6 | 1706.6 | 1739.2 | 1720.9 | 1735.1 | 1720.9 | 1706.6 |
| 5°    | 1684.2 | 1714.7 | 1694.4 | 1704.6 | 1690.3 | 1692.3 | 1722.9 | 1708.6 | 1722.9 | 1712.7 | 1700.5 |
| 7.5°  | 1659.8 | 1690.3 | 1672.0 | 1682.2 | 1667.9 | 1672.0 | 1704.6 | 1690.3 | 1706.6 | 1696.4 | 1688.3 |
| 10°   | 1627.2 | 1659.8 | 1643.5 | 1653.6 | 1641.4 | 1643.5 | 1676.1 | 1665.9 | 1680.1 | 1674.0 | 1667.9 |
| 12.5° | 1606.8 | 1637.4 | 1619.0 | 1629.2 | 1621.1 | 1625.1 | 1655.7 | 1647.5 | 1665.9 | 1659.8 | 1655.7 |
| 15°   | 1588.5 | 1617.0 | 1600.7 | 1610.9 | 1604.8 | 1606.8 | 1639.4 | 1631.2 | 1651.6 | 1647.5 | 1645.5 |
| 17.5° | 1557.9 | 1588.5 | 1570.2 | 1582.4 | 1576.3 | 1578.3 | 1610.9 | 1604.8 | 1625.1 | 1625.1 | 1623.1 |
| 20°   | 1517.2 | 1547.8 | 1533.5 | 1541.6 | 1537.6 | 1541.6 | 1570.2 | 1566.1 | 1586.4 | 1586.4 | 1586.4 |
| 22.5° | 1472.4 | 1502.9 | 1486.7 | 1494.8 | 1490.7 | 1496.8 | 1523.3 | 1523.3 | 1539.6 | 1541.6 | 1543.7 |
| 25°   | 1421.5 | 1452.0 | 1435.7 | 1445.9 | 1441.9 | 1445.9 | 1470.4 | 1472.4 | 1486.7 | 1486.7 | 1490.7 |
| 27.5° | 1360.4 | 1390.9 | 1374.6 | 1382.8 | 1380.8 | 1382.8 | 1409.3 | 1413.3 | 1421.5 | 1423.5 | 1427.6 |
| 30°   | 1287.1 | 1315.6 | 1299.3 | 1307.4 | 1307.4 | 1307.4 | 1333.9 | 1336.0 | 1344.1 | 1346.1 | 1350.2 |
| 32.5° | 1201.5 | 1226.0 | 1213.8 | 1221.9 | 1219.9 | 1223.9 | 1242.3 | 1250.4 | 1260.6 | 1258.6 | 1260.6 |
| 35°   | 1103.8 | 1130.3 | 1118.0 | 1124.2 | 1126.2 | 1132.3 | 1144.5 | 1154.7 | 1156.7 | 1158.8 | 1162.8 |
| 37.5° | 997.9  | 1024.4 | 1012.1 | 1018.3 | 1020.3 | 1032.5 | 1036.6 | 1046.8 | 1050.8 | 1050.8 | 1050.8 |
| 40°   | 896.1  | 908.3  | 898.1  | 904.2  | 906.2  | 916.4  | 920.5  | 928.7  | 932.7  | 930.7  | 928.7  |
| 42.5° | 786.1  | 796.3  | 786.1  | 792.2  | 792.2  | 800.3  | 802.4  | 812.6  | 812.6  | 808.5  | 802.4  |
| 45°   | 678.2  | 688.3  | 678.2  | 682.2  | 682.2  | 690.4  | 690.4  | 690.4  | 694.5  | 688.3  | 678.2  |
| 47.5° | 576.3  | 586.5  | 576.3  | 580.4  | 578.4  | 584.5  | 582.4  | 584.5  | 578.4  | 574.3  | 562.1  |
| 50°   | 484.7  | 488.8  | 484.7  | 482.7  | 484.7  | 488.8  | 486.7  | 486.7  | 478.6  | 472.5  | 458.2  |
| 52.5° | 395.1  | 401.2  | 395.1  | 395.1  | 395.1  | 399.2  | 399.2  | 397.1  | 389.0  | 380.8  | 366.6  |
| 55°   | 319.7  | 323.8  | 321.8  | 319.7  | 319.7  | 323.8  | 319.7  | 319.7  | 311.6  | 305.5  | 291.2  |
| 57.5° | 254.6  | 256.6  | 254.6  | 254.6  | 254.6  | 256.6  | 256.6  | 252.5  | 246.4  | 240.3  | 230.1  |
| 60°   | 197.5  | 199.6  | 199.6  | 197.5  | 197.5  | 201.6  | 201.6  | 199.6  | 193.5  | 189.4  | 179.2  |
| 62.5° | 156.8  | 156.8  | 156.8  | 156.8  | 156.8  | 158.8  | 158.8  | 158.8  | 154.8  | 150.7  | 142.6  |
| 65°   | 124.2  | 126.3  | 124.2  | 124.2  | 126.3  | 128.3  | 126.3  | 128.3  | 124.2  | 122.2  | 116.1  |
| 67.5° | 95.7   | 97.8   | 95.7   | 97.8   | 97.8   | 99.8   | 97.8   | 99.8   | 95.7   | 93.7   | 89.6   |
| 70°   | 73.3   | 73.3   | 73.3   | 73.3   | 73.3   | 75.4   | 73.3   | 75.4   | 73.3   | 71.3   | 67.2   |
| 72.5° | 55.0   | 55.0   | 57.0   | 57.0   | 55.0   | 57.0   | 55.0   | 55.0   | 55.0   | 52.9   | 50.9   |
| 75°   | 40.7   | 40.7   | 42.8   | 40.7   | 40.7   | 40.7   | 40.7   | 40.7   | 38.7   | 38.7   | 36.7   |
| 77.5° | 28.5   | 28.5   | 28.5   | 28.5   | 28.5   | 28.5   | 28.5   | 28.5   | 26.5   | 26.5   | 24.4   |
| 80°   | 18.3   | 18.3   | 18.3   | 18.3   | 18.3   | 18.3   | 18.3   | 18.3   | 18.3   | 16.3   | 16.3   |
| 82.5° | 12.2   | 12.2   | 12.2   | 12.2   | 12.2   | 12.2   | 12.2   | 12.2   | 12.2   | 10.2   | 10.2   |
| 85°   | 6.1    | 6.1    | 6.1    | 8.1    | 6.1    | 6.1    | 6.1    | 6.1    | 6.1    | 6.1    | 6.1    |
| 87.5° | 2.0    | 2.0    | 2.0    | 4.1    | 2.0    | 2.0    | 4.1    | 4.1    | 2.0    | 2.0    | 2.0    |
| 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):**

|       | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1749.4 | 1749.4 | 1749.4 | 1749.4 | 1749.4 | 1749.4 | 1749.4 | 1749.4 | 1749.4 | 1749.4 | 1749.4 |
| 2.5°  | 1722.9 | 1729.0 | 1729.0 | 1722.9 | 1737.1 | 1724.9 | 1749.4 | 1727.0 | 1733.1 | 1753.4 | 1751.4 |
| 5°    | 1716.8 | 1724.9 | 1727.0 | 1722.9 | 1741.2 | 1731.0 | 1755.5 | 1733.1 | 1743.3 | 1763.6 | 1763.6 |
| 7.5°  | 1708.6 | 1718.8 | 1722.9 | 1727.0 | 1743.3 | 1733.1 | 1761.6 | 1739.2 | 1753.4 | 1777.9 | 1775.8 |
| 10°   | 1690.3 | 1704.6 | 1712.7 | 1718.8 | 1735.1 | 1729.0 | 1759.5 | 1741.2 | 1753.4 | 1781.9 | 1779.9 |
| 12.5° | 1680.1 | 1696.4 | 1708.6 | 1718.8 | 1737.1 | 1733.1 | 1763.6 | 1747.3 | 1763.6 | 1792.1 | 1792.1 |
| 15°   | 1672.0 | 1690.3 | 1704.6 | 1722.9 | 1741.2 | 1737.1 | 1769.7 | 1755.5 | 1771.8 | 1806.4 | 1804.4 |
| 17.5° | 1651.6 | 1674.0 | 1688.3 | 1708.6 | 1727.0 | 1724.9 | 1759.5 | 1749.4 | 1767.7 | 1800.3 | 1802.3 |
| 20°   | 1617.0 | 1637.4 | 1653.6 | 1678.1 | 1698.5 | 1694.4 | 1731.0 | 1720.9 | 1739.2 | 1773.8 | 1775.8 |
| 22.5° | 1572.2 | 1592.6 | 1608.8 | 1635.3 | 1653.6 | 1651.6 | 1688.3 | 1678.1 | 1696.4 | 1729.0 | 1731.0 |
| 25°   | 1519.2 | 1537.6 | 1553.9 | 1578.3 | 1598.7 | 1598.7 | 1631.2 | 1621.1 | 1641.4 | 1674.0 | 1674.0 |
| 27.5° | 1454.1 | 1470.4 | 1484.6 | 1513.1 | 1529.4 | 1529.4 | 1560.0 | 1549.8 | 1570.2 | 1598.7 | 1596.6 |
| 30°   | 1374.6 | 1388.9 | 1401.1 | 1425.6 | 1439.8 | 1441.9 | 1468.3 | 1458.1 | 1478.5 | 1502.9 | 1502.9 |
| 32.5° | 1278.9 | 1293.2 | 1301.3 | 1331.9 | 1342.1 | 1340.0 | 1360.4 | 1350.2 | 1370.6 | 1397.0 | 1390.9 |
| 35°   | 1177.1 | 1183.2 | 1189.3 | 1219.9 | 1223.9 | 1215.8 | 1236.2 | 1226.0 | 1240.2 | 1266.7 | 1262.6 |
| 37.5° | 1061.0 | 1063.1 | 1063.1 | 1089.5 | 1091.6 | 1085.5 | 1097.7 | 1085.5 | 1095.6 | 1120.1 | 1118.0 |
| 40°   | 932.7  | 930.7  | 928.7  | 949.0  | 947.0  | 934.8  | 942.9  | 932.7  | 947.0  | 965.3  | 955.1  |
| 42.5° | 802.4  | 796.3  | 788.1  | 798.3  | 790.2  | 780.0  | 784.1  | 767.8  | 777.9  | 792.2  | 780.0  |
| 45°   | 674.1  | 661.9  | 645.6  | 647.6  | 637.4  | 625.2  | 619.1  | 602.8  | 600.8  | 615.0  | 604.8  |
| 47.5° | 553.9  | 529.5  | 515.2  | 507.1  | 490.8  | 480.6  | 468.4  | 450.1  | 441.9  | 450.1  | 439.9  |
| 50°   | 446.0  | 421.6  | 403.2  | 384.9  | 368.6  | 356.4  | 336.0  | 323.8  | 311.6  | 313.6  | 305.5  |
| 52.5° | 352.3  | 336.0  | 305.5  | 291.2  | 274.9  | 260.7  | 242.3  | 228.1  | 213.8  | 213.8  | 205.7  |
| 55°   | 279.0  | 256.6  | 236.2  | 215.9  | 199.6  | 187.4  | 169.0  | 154.8  | 140.5  | 138.5  | 130.3  |
| 57.5° | 215.9  | 199.6  | 177.2  | 156.8  | 146.6  | 134.4  | 116.1  | 99.8   | 91.6   | 85.5   | 79.4   |
| 60°   | 167.0  | 150.7  | 132.4  | 116.1  | 103.9  | 95.7   | 77.4   | 65.2   | 57.0   | 52.9   | 46.8   |
| 62.5° | 134.4  | 120.2  | 103.9  | 87.6   | 79.4   | 71.3   | 57.0   | 46.8   | 38.7   | 34.6   | 30.5   |
| 65°   | 107.9  | 95.7   | 83.5   | 71.3   | 65.2   | 57.0   | 46.8   | 38.7   | 32.6   | 28.5   | 24.4   |
| 67.5° | 83.5   | 75.4   | 65.2   | 57.0   | 50.9   | 44.8   | 36.7   | 30.5   | 26.5   | 22.4   | 20.4   |
| 70°   | 63.1   | 57.0   | 50.9   | 42.8   | 38.7   | 34.6   | 28.5   | 22.4   | 20.4   | 18.3   | 16.3   |
| 72.5° | 48.9   | 42.8   | 36.7   | 32.6   | 28.5   | 26.5   | 22.4   | 18.3   | 16.3   | 14.3   | 12.2   |
| 75°   | 32.6   | 30.5   | 26.5   | 22.4   | 20.4   | 18.3   | 16.3   | 14.3   | 12.2   | 10.2   | 10.2   |
| 77.5° | 22.4   | 20.4   | 18.3   | 16.3   | 14.3   | 14.3   | 12.2   | 10.2   | 8.1    | 8.1    | 6.1    |
| 80°   | 14.3   | 12.2   | 12.2   | 10.2   | 10.2   | 10.2   | 8.1    | 6.1    | 6.1    | 6.1    | 4.1    |
| 82.5° | 10.2   | 8.1    | 8.1    | 6.1    | 6.1    | 6.1    | 6.1    | 4.1    | 4.1    | 4.1    | 2.0    |
| 85°   | 6.1    | 4.1    | 4.1    | 4.1    | 4.1    | 4.1    | 4.1    | 2.0    | 2.0    | 2.0    | 2.0    |
| 87.5° | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    | 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: P212812

CATALOG NUMBER: LD6B30D010 EU6B30508040 6LBSWLI1

**CANDELA DISTRIBUTION (continued):**

|       | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1749.4 | 1749.4 | 1749.4 | 1749.4 | 1749.4 | 1749.4 | 1749.4 | 1749.4 | 1749.4 | 1749.4 | 1749.4 |
| 2.5°  | 1735.1 | 1753.4 | 1753.4 | 1769.7 | 1771.8 | 1767.7 | 1749.4 | 1749.4 | 1773.8 | 1788.1 | 1763.6 |
| 5°    | 1751.4 | 1769.7 | 1769.7 | 1786.0 | 1794.2 | 1788.1 | 1769.7 | 1771.8 | 1796.2 | 1812.5 | 1788.1 |
| 7.5°  | 1765.7 | 1784.0 | 1788.1 | 1806.4 | 1812.5 | 1806.4 | 1788.1 | 1792.1 | 1818.6 | 1832.9 | 1808.4 |
| 10°   | 1771.8 | 1790.1 | 1792.1 | 1812.5 | 1820.6 | 1812.5 | 1798.2 | 1800.3 | 1828.8 | 1839.0 | 1816.6 |
| 12.5° | 1786.0 | 1804.4 | 1804.4 | 1826.8 | 1834.9 | 1828.8 | 1810.5 | 1814.5 | 1843.0 | 1853.2 | 1830.8 |
| 15°   | 1800.3 | 1818.6 | 1818.6 | 1843.0 | 1853.2 | 1845.1 | 1830.8 | 1832.9 | 1861.4 | 1871.6 | 1853.2 |
| 17.5° | 1800.3 | 1816.6 | 1816.6 | 1843.0 | 1853.2 | 1847.1 | 1830.8 | 1832.9 | 1863.4 | 1871.6 | 1853.2 |
| 20°   | 1773.8 | 1792.1 | 1788.1 | 1814.5 | 1824.7 | 1818.6 | 1804.4 | 1804.4 | 1834.9 | 1843.0 | 1824.7 |
| 22.5° | 1731.0 | 1747.3 | 1743.3 | 1767.7 | 1779.9 | 1771.8 | 1759.5 | 1757.5 | 1788.1 | 1796.2 | 1777.9 |
| 25°   | 1672.0 | 1688.3 | 1684.2 | 1708.6 | 1720.9 | 1710.7 | 1696.4 | 1698.5 | 1722.9 | 1735.1 | 1718.8 |
| 27.5° | 1602.7 | 1612.9 | 1606.8 | 1631.2 | 1643.5 | 1633.3 | 1619.0 | 1621.1 | 1645.5 | 1653.6 | 1641.4 |
| 30°   | 1509.1 | 1517.2 | 1511.1 | 1531.5 | 1539.6 | 1533.5 | 1521.3 | 1521.3 | 1543.7 | 1553.9 | 1541.6 |
| 32.5° | 1397.0 | 1403.2 | 1397.0 | 1413.3 | 1429.6 | 1417.4 | 1405.2 | 1405.2 | 1429.6 | 1437.8 | 1423.5 |
| 35°   | 1266.7 | 1272.8 | 1268.7 | 1285.0 | 1297.3 | 1281.0 | 1270.8 | 1266.7 | 1299.3 | 1295.2 | 1287.1 |
| 37.5° | 1122.1 | 1126.2 | 1114.0 | 1142.5 | 1148.6 | 1130.3 | 1122.1 | 1118.0 | 1146.6 | 1144.5 | 1136.4 |
| 40°   | 959.2  | 963.3  | 955.1  | 975.5  | 977.5  | 963.3  | 957.2  | 951.1  | 979.6  | 977.5  | 971.4  |
| 42.5° | 786.1  | 788.1  | 777.9  | 794.2  | 798.3  | 784.1  | 782.0  | 773.9  | 800.3  | 796.3  | 794.2  |
| 45°   | 606.9  | 606.9  | 598.7  | 611.0  | 615.0  | 602.8  | 598.7  | 596.7  | 615.0  | 615.0  | 611.0  |
| 47.5° | 439.9  | 433.8  | 423.6  | 441.9  | 444.0  | 435.8  | 433.8  | 427.7  | 446.0  | 446.0  | 441.9  |
| 50°   | 301.4  | 299.4  | 297.3  | 301.4  | 303.4  | 293.3  | 299.4  | 293.3  | 303.4  | 303.4  | 303.4  |
| 52.5° | 201.6  | 199.6  | 195.5  | 199.6  | 199.6  | 193.5  | 193.5  | 191.4  | 199.6  | 199.6  | 195.5  |
| 55°   | 126.3  | 124.2  | 122.2  | 124.2  | 124.2  | 118.1  | 122.2  | 118.1  | 122.2  | 122.2  | 120.2  |
| 57.5° | 77.4   | 73.3   | 73.3   | 71.3   | 71.3   | 67.2   | 69.2   | 69.2   | 69.2   | 69.2   | 69.2   |
| 60°   | 44.8   | 42.8   | 40.7   | 40.7   | 40.7   | 38.7   | 38.7   | 38.7   | 38.7   | 38.7   | 38.7   |
| 62.5° | 28.5   | 28.5   | 26.5   | 26.5   | 26.5   | 26.5   | 26.5   | 24.4   | 26.5   | 26.5   | 26.5   |
| 65°   | 24.4   | 22.4   | 22.4   | 22.4   | 22.4   | 20.4   | 20.4   | 20.4   | 20.4   | 20.4   | 20.4   |
| 67.5° | 20.4   | 18.3   | 18.3   | 18.3   | 18.3   | 16.3   | 16.3   | 16.3   | 16.3   | 16.3   | 16.3   |
| 70°   | 16.3   | 14.3   | 14.3   | 14.3   | 14.3   | 14.3   | 12.2   | 14.3   | 14.3   | 12.2   | 12.2   |
| 72.5° | 12.2   | 12.2   | 10.2   | 10.2   | 10.2   | 10.2   | 10.2   | 10.2   | 10.2   | 10.2   | 10.2   |
| 75°   | 8.1    | 8.1    | 8.1    | 8.1    | 8.1    | 6.1    | 6.1    | 6.1    | 6.1    | 6.1    | 6.1    |
| 77.5° | 6.1    | 6.1    | 4.1    | 4.1    | 4.1    | 4.1    | 4.1    | 4.1    | 4.1    | 4.1    | 4.1    |
| 80°   | 4.1    | 4.1    | 4.1    | 4.1    | 4.1    | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    |
| 82.5° | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    |
| 85°   | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    | 0.0    | 2.0    | 0.0    | 2.0    | 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: P212812

CATALOG NUMBER: LD6B30D010 EU6B30508040 6LBSWLI1

**CANDELA DISTRIBUTION (continued):**

|       | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1749.4 | 1749.4 | 1749.4 | 1749.4 | 1749.4 | 1749.4 | 1749.4 | 1749.4 | 1749.4 | 1749.4 | 1749.4 |
| 2.5°  | 1792.1 | 1771.8 | 1761.6 | 1781.9 | 1790.1 | 1779.9 | 1771.8 | 1757.5 | 1771.8 | 1779.9 | 1790.1 |
| 5°    | 1816.6 | 1798.2 | 1790.1 | 1804.4 | 1816.6 | 1806.4 | 1800.3 | 1786.0 | 1800.3 | 1806.4 | 1816.6 |
| 7.5°  | 1839.0 | 1820.6 | 1810.5 | 1824.7 | 1839.0 | 1824.7 | 1818.6 | 1806.4 | 1818.6 | 1824.7 | 1839.0 |
| 10°   | 1847.1 | 1826.8 | 1818.6 | 1830.8 | 1845.1 | 1830.8 | 1822.7 | 1814.5 | 1822.7 | 1830.8 | 1845.1 |
| 12.5° | 1861.4 | 1841.0 | 1830.8 | 1841.0 | 1855.3 | 1841.0 | 1832.9 | 1826.8 | 1832.9 | 1841.0 | 1855.3 |
| 15°   | 1881.7 | 1863.4 | 1851.2 | 1861.4 | 1879.7 | 1863.4 | 1853.2 | 1851.2 | 1853.2 | 1863.4 | 1879.7 |
| 17.5° | 1881.7 | 1867.5 | 1855.3 | 1863.4 | 1881.7 | 1869.5 | 1855.3 | 1859.3 | 1855.3 | 1869.5 | 1881.7 |
| 20°   | 1855.3 | 1841.0 | 1830.8 | 1830.8 | 1857.3 | 1841.0 | 1828.8 | 1834.9 | 1828.8 | 1841.0 | 1857.3 |
| 22.5° | 1808.4 | 1796.2 | 1786.0 | 1784.0 | 1810.5 | 1796.2 | 1779.9 | 1792.1 | 1779.9 | 1796.2 | 1810.5 |
| 25°   | 1747.3 | 1735.1 | 1727.0 | 1722.9 | 1749.4 | 1733.1 | 1718.8 | 1731.0 | 1718.8 | 1733.1 | 1749.4 |
| 27.5° | 1667.9 | 1657.7 | 1649.6 | 1643.5 | 1667.9 | 1653.6 | 1639.4 | 1651.6 | 1639.4 | 1653.6 | 1667.9 |
| 30°   | 1566.1 | 1560.0 | 1551.8 | 1543.7 | 1568.1 | 1553.9 | 1539.6 | 1555.9 | 1539.6 | 1553.9 | 1568.1 |
| 32.5° | 1448.0 | 1443.9 | 1433.7 | 1425.6 | 1450.0 | 1433.7 | 1423.5 | 1435.7 | 1423.5 | 1433.7 | 1450.0 |
| 35°   | 1311.5 | 1305.4 | 1299.3 | 1285.0 | 1311.5 | 1297.3 | 1297.3 | 1301.3 | 1297.3 | 1297.3 | 1311.5 |
| 37.5° | 1158.8 | 1154.7 | 1146.6 | 1134.3 | 1156.7 | 1146.6 | 1142.5 | 1154.7 | 1142.5 | 1146.6 | 1156.7 |
| 40°   | 987.7  | 985.7  | 979.6  | 965.3  | 989.7  | 979.6  | 973.5  | 989.7  | 973.5  | 979.6  | 989.7  |
| 42.5° | 808.5  | 804.4  | 798.3  | 796.3  | 808.5  | 800.3  | 806.5  | 806.5  | 806.5  | 800.3  | 808.5  |
| 45°   | 623.2  | 619.1  | 615.0  | 606.9  | 621.1  | 617.1  | 615.0  | 619.1  | 615.0  | 617.1  | 621.1  |
| 47.5° | 452.1  | 448.0  | 444.0  | 437.9  | 452.1  | 446.0  | 446.0  | 450.1  | 446.0  | 446.0  | 452.1  |
| 50°   | 303.4  | 305.5  | 303.4  | 299.4  | 303.4  | 301.4  | 303.4  | 307.5  | 303.4  | 301.4  | 303.4  |
| 52.5° | 201.6  | 201.6  | 197.5  | 195.5  | 199.6  | 197.5  | 203.7  | 199.6  | 203.7  | 197.5  | 199.6  |
| 55°   | 122.2  | 124.2  | 122.2  | 120.2  | 122.2  | 120.2  | 126.3  | 124.2  | 126.3  | 120.2  | 122.2  |
| 57.5° | 69.2   | 69.2   | 71.3   | 69.2   | 73.3   | 71.3   | 71.3   | 71.3   | 71.3   | 71.3   | 73.3   |
| 60°   | 38.7   | 38.7   | 38.7   | 38.7   | 38.7   | 38.7   | 40.7   | 38.7   | 40.7   | 38.7   | 38.7   |
| 62.5° | 26.5   | 26.5   | 26.5   | 24.4   | 26.5   | 24.4   | 26.5   | 26.5   | 26.5   | 24.4   | 26.5   |
| 65°   | 20.4   | 20.4   | 20.4   | 20.4   | 20.4   | 20.4   | 20.4   | 20.4   | 20.4   | 20.4   | 20.4   |
| 67.5° | 16.3   | 16.3   | 16.3   | 16.3   | 16.3   | 16.3   | 16.3   | 16.3   | 16.3   | 16.3   | 16.3   |
| 70°   | 12.2   | 12.2   | 12.2   | 12.2   | 12.2   | 12.2   | 12.2   | 12.2   | 12.2   | 12.2   | 12.2   |
| 72.5° | 10.2   | 10.2   | 10.2   | 10.2   | 10.2   | 10.2   | 10.2   | 10.2   | 10.2   | 10.2   | 10.2   |
| 75°   | 6.1    | 6.1    | 6.1    | 6.1    | 6.1    | 6.1    | 6.1    | 6.1    | 6.1    | 6.1    | 6.1    |
| 77.5° | 4.1    | 4.1    | 4.1    | 4.1    | 4.1    | 4.1    | 4.1    | 4.1    | 4.1    | 4.1    | 4.1    |
| 80°   | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    |
| 82.5° | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    |
| 85°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 2.0    | 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: P212812

CATALOG NUMBER: LD6B30D010 EU6B30508040 6LBSWLI1

**CANDELA DISTRIBUTION (continued):**

|       | 200°   | 202.5° | 205°   | 210°   | 215°   | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1749.4 | 1749.4 | 1749.4 | 1749.4 | 1749.4 | 1749.4 | 1749.4 | 1749.4 | 1749.4 | 1749.4 | 1749.4 |
| 2.5°  | 1781.9 | 1761.6 | 1771.8 | 1792.1 | 1763.6 | 1788.1 | 1773.8 | 1749.4 | 1749.4 | 1767.7 | 1771.8 |
| 5°    | 1804.4 | 1790.1 | 1798.2 | 1816.6 | 1788.1 | 1812.5 | 1796.2 | 1771.8 | 1769.7 | 1788.1 | 1794.2 |
| 7.5°  | 1824.7 | 1810.5 | 1820.6 | 1839.0 | 1808.4 | 1832.9 | 1818.6 | 1792.1 | 1788.1 | 1806.4 | 1812.5 |
| 10°   | 1830.8 | 1818.6 | 1826.8 | 1847.1 | 1816.6 | 1839.0 | 1828.8 | 1800.3 | 1798.2 | 1812.5 | 1820.6 |
| 12.5° | 1841.0 | 1830.8 | 1841.0 | 1861.4 | 1830.8 | 1853.2 | 1843.0 | 1814.5 | 1810.5 | 1828.8 | 1834.9 |
| 15°   | 1861.4 | 1851.2 | 1863.4 | 1881.7 | 1853.2 | 1871.6 | 1861.4 | 1832.9 | 1830.8 | 1845.1 | 1853.2 |
| 17.5° | 1863.4 | 1855.3 | 1867.5 | 1881.7 | 1853.2 | 1871.6 | 1863.4 | 1832.9 | 1830.8 | 1847.1 | 1853.2 |
| 20°   | 1830.8 | 1830.8 | 1841.0 | 1855.3 | 1824.7 | 1843.0 | 1834.9 | 1804.4 | 1804.4 | 1818.6 | 1824.7 |
| 22.5° | 1784.0 | 1786.0 | 1796.2 | 1808.4 | 1777.9 | 1796.2 | 1788.1 | 1757.5 | 1759.5 | 1771.8 | 1779.9 |
| 25°   | 1722.9 | 1727.0 | 1735.1 | 1747.3 | 1718.8 | 1735.1 | 1722.9 | 1698.5 | 1696.4 | 1710.7 | 1720.9 |
| 27.5° | 1643.5 | 1649.6 | 1657.7 | 1667.9 | 1641.4 | 1653.6 | 1645.5 | 1621.1 | 1619.0 | 1633.3 | 1643.5 |
| 30°   | 1543.7 | 1551.8 | 1560.0 | 1566.1 | 1541.6 | 1553.9 | 1543.7 | 1521.3 | 1521.3 | 1533.5 | 1539.6 |
| 32.5° | 1425.6 | 1433.7 | 1443.9 | 1448.0 | 1423.5 | 1437.8 | 1429.6 | 1405.2 | 1405.2 | 1417.4 | 1429.6 |
| 35°   | 1285.0 | 1299.3 | 1305.4 | 1311.5 | 1287.1 | 1295.2 | 1299.3 | 1266.7 | 1270.8 | 1281.0 | 1297.3 |
| 37.5° | 1134.3 | 1146.6 | 1154.7 | 1158.8 | 1136.4 | 1144.5 | 1146.6 | 1118.0 | 1122.1 | 1130.3 | 1148.6 |
| 40°   | 965.3  | 979.6  | 985.7  | 987.7  | 971.4  | 977.5  | 979.6  | 951.1  | 957.2  | 963.3  | 977.5  |
| 42.5° | 796.3  | 798.3  | 804.4  | 808.5  | 794.2  | 796.3  | 800.3  | 773.9  | 782.0  | 784.1  | 798.3  |
| 45°   | 606.9  | 615.0  | 619.1  | 623.2  | 611.0  | 615.0  | 615.0  | 596.7  | 598.7  | 602.8  | 615.0  |
| 47.5° | 437.9  | 444.0  | 448.0  | 452.1  | 441.9  | 446.0  | 446.0  | 427.7  | 433.8  | 435.8  | 444.0  |
| 50°   | 299.4  | 303.4  | 305.5  | 303.4  | 303.4  | 303.4  | 303.4  | 293.3  | 299.4  | 293.3  | 303.4  |
| 52.5° | 195.5  | 197.5  | 201.6  | 201.6  | 195.5  | 199.6  | 199.6  | 191.4  | 193.5  | 193.5  | 199.6  |
| 55°   | 120.2  | 122.2  | 124.2  | 122.2  | 120.2  | 122.2  | 122.2  | 118.1  | 122.2  | 118.1  | 124.2  |
| 57.5° | 69.2   | 71.3   | 69.2   | 69.2   | 69.2   | 69.2   | 69.2   | 69.2   | 69.2   | 67.2   | 71.3   |
| 60°   | 38.7   | 38.7   | 38.7   | 38.7   | 38.7   | 38.7   | 38.7   | 38.7   | 38.7   | 38.7   | 40.7   |
| 62.5° | 24.4   | 26.5   | 26.5   | 26.5   | 26.5   | 26.5   | 26.5   | 24.4   | 26.5   | 26.5   | 26.5   |
| 65°   | 20.4   | 20.4   | 20.4   | 20.4   | 20.4   | 20.4   | 20.4   | 20.4   | 20.4   | 20.4   | 22.4   |
| 67.5° | 16.3   | 16.3   | 16.3   | 16.3   | 16.3   | 16.3   | 16.3   | 16.3   | 16.3   | 16.3   | 18.3   |
| 70°   | 12.2   | 12.2   | 12.2   | 12.2   | 12.2   | 12.2   | 14.3   | 14.3   | 12.2   | 14.3   | 14.3   |
| 72.5° | 10.2   | 10.2   | 10.2   | 10.2   | 10.2   | 10.2   | 10.2   | 10.2   | 10.2   | 10.2   | 10.2   |
| 75°   | 6.1    | 6.1    | 6.1    | 6.1    | 6.1    | 6.1    | 6.1    | 6.1    | 6.1    | 6.1    | 8.1    |
| 77.5° | 4.1    | 4.1    | 4.1    | 4.1    | 4.1    | 4.1    | 4.1    | 4.1    | 4.1    | 4.1    | 4.1    |
| 80°   | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    | 4.1    |
| 82.5° | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    |
| 85°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 2.0    | 0.0    | 2.0    | 0.0    | 2.0    |
| 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    |



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**CANDELA DISTRIBUTION (continued):**

|       | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1749.4 | 1749.4 | 1749.4 | 1749.4 | 1749.4 | 1749.4 | 1749.4 | 1749.4 | 1749.4 | 1749.4 | 1749.4 |
| 2.5°  | 1769.7 | 1753.4 | 1753.4 | 1735.1 | 1751.4 | 1753.4 | 1733.1 | 1727.0 | 1749.4 | 1724.9 | 1737.1 |
| 5°    | 1786.0 | 1769.7 | 1769.7 | 1751.4 | 1763.6 | 1763.6 | 1743.3 | 1733.1 | 1755.5 | 1731.0 | 1741.2 |
| 7.5°  | 1806.4 | 1788.1 | 1784.0 | 1765.7 | 1775.8 | 1777.9 | 1753.4 | 1739.2 | 1761.6 | 1733.1 | 1743.3 |
| 10°   | 1812.5 | 1792.1 | 1790.1 | 1771.8 | 1779.9 | 1781.9 | 1753.4 | 1741.2 | 1759.5 | 1729.0 | 1735.1 |
| 12.5° | 1826.8 | 1804.4 | 1804.4 | 1786.0 | 1792.1 | 1792.1 | 1763.6 | 1747.3 | 1763.6 | 1733.1 | 1737.1 |
| 15°   | 1843.0 | 1818.6 | 1818.6 | 1800.3 | 1804.4 | 1806.4 | 1771.8 | 1755.5 | 1769.7 | 1737.1 | 1741.2 |
| 17.5° | 1843.0 | 1816.6 | 1816.6 | 1800.3 | 1802.3 | 1800.3 | 1767.7 | 1749.4 | 1759.5 | 1724.9 | 1727.0 |
| 20°   | 1814.5 | 1788.1 | 1792.1 | 1773.8 | 1775.8 | 1773.8 | 1739.2 | 1720.9 | 1731.0 | 1694.4 | 1698.5 |
| 22.5° | 1767.7 | 1743.3 | 1747.3 | 1731.0 | 1731.0 | 1729.0 | 1696.4 | 1678.1 | 1688.3 | 1651.6 | 1653.6 |
| 25°   | 1708.6 | 1684.2 | 1688.3 | 1672.0 | 1674.0 | 1674.0 | 1641.4 | 1621.1 | 1631.2 | 1598.7 | 1598.7 |
| 27.5° | 1631.2 | 1606.8 | 1612.9 | 1602.7 | 1596.6 | 1598.7 | 1570.2 | 1549.8 | 1560.0 | 1529.4 | 1529.4 |
| 30°   | 1531.5 | 1511.1 | 1517.2 | 1509.1 | 1502.9 | 1502.9 | 1478.5 | 1458.1 | 1468.3 | 1441.9 | 1439.8 |
| 32.5° | 1413.3 | 1397.0 | 1403.2 | 1397.0 | 1390.9 | 1397.0 | 1370.6 | 1350.2 | 1360.4 | 1340.0 | 1342.1 |
| 35°   | 1285.0 | 1268.7 | 1272.8 | 1266.7 | 1262.6 | 1266.7 | 1240.2 | 1226.0 | 1236.2 | 1215.8 | 1223.9 |
| 37.5° | 1142.5 | 1114.0 | 1126.2 | 1122.1 | 1118.0 | 1120.1 | 1095.6 | 1085.5 | 1097.7 | 1085.5 | 1091.6 |
| 40°   | 975.5  | 955.1  | 963.3  | 959.2  | 955.1  | 965.3  | 947.0  | 932.7  | 942.9  | 934.8  | 947.0  |
| 42.5° | 794.2  | 777.9  | 788.1  | 786.1  | 780.0  | 792.2  | 777.9  | 767.8  | 784.1  | 780.0  | 790.2  |
| 45°   | 611.0  | 598.7  | 606.9  | 606.9  | 604.8  | 615.0  | 600.8  | 602.8  | 619.1  | 625.2  | 637.4  |
| 47.5° | 441.9  | 423.6  | 433.8  | 439.9  | 439.9  | 450.1  | 441.9  | 450.1  | 468.4  | 480.6  | 490.8  |
| 50°   | 301.4  | 297.3  | 299.4  | 301.4  | 305.5  | 313.6  | 311.6  | 323.8  | 336.0  | 356.4  | 368.6  |
| 52.5° | 199.6  | 195.5  | 199.6  | 201.6  | 205.7  | 213.8  | 213.8  | 228.1  | 242.3  | 260.7  | 274.9  |
| 55°   | 124.2  | 122.2  | 124.2  | 126.3  | 130.3  | 138.5  | 140.5  | 154.8  | 169.0  | 187.4  | 199.6  |
| 57.5° | 71.3   | 73.3   | 73.3   | 77.4   | 79.4   | 85.5   | 91.6   | 99.8   | 116.1  | 134.4  | 146.6  |
| 60°   | 40.7   | 40.7   | 42.8   | 44.8   | 46.8   | 52.9   | 57.0   | 65.2   | 77.4   | 95.7   | 103.9  |
| 62.5° | 26.5   | 26.5   | 28.5   | 28.5   | 30.5   | 34.6   | 38.7   | 46.8   | 57.0   | 71.3   | 79.4   |
| 65°   | 22.4   | 22.4   | 22.4   | 24.4   | 24.4   | 28.5   | 32.6   | 38.7   | 46.8   | 57.0   | 65.2   |
| 67.5° | 18.3   | 18.3   | 18.3   | 20.4   | 20.4   | 22.4   | 26.5   | 30.5   | 36.7   | 44.8   | 50.9   |
| 70°   | 14.3   | 14.3   | 14.3   | 16.3   | 16.3   | 18.3   | 20.4   | 22.4   | 28.5   | 34.6   | 38.7   |
| 72.5° | 10.2   | 10.2   | 12.2   | 12.2   | 12.2   | 14.3   | 16.3   | 18.3   | 22.4   | 26.5   | 28.5   |
| 75°   | 8.1    | 8.1    | 8.1    | 8.1    | 10.2   | 10.2   | 12.2   | 14.3   | 16.3   | 18.3   | 20.4   |
| 77.5° | 4.1    | 4.1    | 6.1    | 6.1    | 6.1    | 8.1    | 8.1    | 10.2   | 12.2   | 14.3   | 14.3   |
| 80°   | 4.1    | 4.1    | 4.1    | 4.1    | 4.1    | 6.1    | 6.1    | 6.1    | 8.1    | 10.2   | 10.2   |
| 82.5° | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    | 4.1    | 4.1    | 4.1    | 6.1    | 6.1    | 6.1    |
| 85°   | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    | 4.1    | 4.1    | 4.1    |
| 87.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    |
| 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: P212812

CATALOG NUMBER: LD6B30D010 EU6B30508040 6LBSWLI1

**CANDELA DISTRIBUTION (continued):**

|       | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 337.5° | 340°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1749.4 | 1749.4 | 1749.4 | 1749.4 | 1749.4 | 1749.4 | 1749.4 | 1749.4 | 1749.4 | 1749.4 | 1749.4 |
| 2.5°  | 1722.9 | 1729.0 | 1729.0 | 1722.9 | 1706.6 | 1720.9 | 1735.1 | 1720.9 | 1739.2 | 1706.6 | 1706.6 |
| 5°    | 1722.9 | 1727.0 | 1724.9 | 1716.8 | 1700.5 | 1712.7 | 1722.9 | 1708.6 | 1722.9 | 1692.3 | 1690.3 |
| 7.5°  | 1727.0 | 1722.9 | 1718.8 | 1708.6 | 1688.3 | 1696.4 | 1706.6 | 1690.3 | 1704.6 | 1672.0 | 1667.9 |
| 10°   | 1718.8 | 1712.7 | 1704.6 | 1690.3 | 1667.9 | 1674.0 | 1680.1 | 1665.9 | 1676.1 | 1643.5 | 1641.4 |
| 12.5° | 1718.8 | 1708.6 | 1696.4 | 1680.1 | 1655.7 | 1659.8 | 1665.9 | 1647.5 | 1655.7 | 1625.1 | 1621.1 |
| 15°   | 1722.9 | 1704.6 | 1690.3 | 1672.0 | 1645.5 | 1647.5 | 1651.6 | 1631.2 | 1639.4 | 1606.8 | 1604.8 |
| 17.5° | 1708.6 | 1688.3 | 1674.0 | 1651.6 | 1623.1 | 1625.1 | 1625.1 | 1604.8 | 1610.9 | 1578.3 | 1576.3 |
| 20°   | 1678.1 | 1653.6 | 1637.4 | 1617.0 | 1586.4 | 1586.4 | 1586.4 | 1566.1 | 1570.2 | 1541.6 | 1537.6 |
| 22.5° | 1635.3 | 1608.8 | 1592.6 | 1572.2 | 1543.7 | 1541.6 | 1539.6 | 1523.3 | 1523.3 | 1496.8 | 1490.7 |
| 25°   | 1578.3 | 1553.9 | 1537.6 | 1519.2 | 1490.7 | 1486.7 | 1486.7 | 1472.4 | 1470.4 | 1445.9 | 1441.9 |
| 27.5° | 1513.1 | 1484.6 | 1470.4 | 1454.1 | 1427.6 | 1423.5 | 1421.5 | 1413.3 | 1409.3 | 1382.8 | 1380.8 |
| 30°   | 1425.6 | 1401.1 | 1388.9 | 1374.6 | 1350.2 | 1346.1 | 1344.1 | 1336.0 | 1333.9 | 1307.4 | 1307.4 |
| 32.5° | 1331.9 | 1301.3 | 1293.2 | 1278.9 | 1260.6 | 1258.6 | 1260.6 | 1250.4 | 1242.3 | 1223.9 | 1219.9 |
| 35°   | 1219.9 | 1189.3 | 1183.2 | 1177.1 | 1162.8 | 1158.8 | 1156.7 | 1154.7 | 1144.5 | 1132.3 | 1126.2 |
| 37.5° | 1089.5 | 1063.1 | 1063.1 | 1061.0 | 1050.8 | 1050.8 | 1050.8 | 1046.8 | 1036.6 | 1032.5 | 1020.3 |
| 40°   | 949.0  | 928.7  | 930.7  | 932.7  | 928.7  | 930.7  | 932.7  | 928.7  | 920.5  | 916.4  | 906.2  |
| 42.5° | 798.3  | 788.1  | 796.3  | 802.4  | 802.4  | 808.5  | 812.6  | 812.6  | 802.4  | 800.3  | 792.2  |
| 45°   | 647.6  | 645.6  | 661.9  | 674.1  | 678.2  | 688.3  | 694.5  | 690.4  | 690.4  | 690.4  | 682.2  |
| 47.5° | 507.1  | 515.2  | 529.5  | 553.9  | 562.1  | 574.3  | 578.4  | 584.5  | 582.4  | 584.5  | 578.4  |
| 50°   | 384.9  | 403.2  | 421.6  | 446.0  | 458.2  | 472.5  | 478.6  | 486.7  | 486.7  | 488.8  | 484.7  |
| 52.5° | 291.2  | 305.5  | 336.0  | 352.3  | 366.6  | 380.8  | 389.0  | 397.1  | 399.2  | 399.2  | 395.1  |
| 55°   | 215.9  | 236.2  | 256.6  | 279.0  | 291.2  | 305.5  | 311.6  | 319.7  | 319.7  | 323.8  | 319.7  |
| 57.5° | 156.8  | 177.2  | 199.6  | 215.9  | 230.1  | 240.3  | 246.4  | 252.5  | 256.6  | 256.6  | 254.6  |
| 60°   | 116.1  | 132.4  | 150.7  | 167.0  | 179.2  | 189.4  | 193.5  | 199.6  | 201.6  | 201.6  | 197.5  |
| 62.5° | 87.6   | 103.9  | 120.2  | 134.4  | 142.6  | 150.7  | 154.8  | 158.8  | 158.8  | 158.8  | 156.8  |
| 65°   | 71.3   | 83.5   | 95.7   | 107.9  | 116.1  | 122.2  | 124.2  | 128.3  | 126.3  | 128.3  | 126.3  |
| 67.5° | 57.0   | 65.2   | 75.4   | 83.5   | 89.6   | 93.7   | 95.7   | 99.8   | 97.8   | 99.8   | 97.8   |
| 70°   | 42.8   | 50.9   | 57.0   | 63.1   | 67.2   | 71.3   | 73.3   | 75.4   | 73.3   | 75.4   | 73.3   |
| 72.5° | 32.6   | 36.7   | 42.8   | 48.9   | 50.9   | 52.9   | 55.0   | 55.0   | 55.0   | 57.0   | 55.0   |
| 75°   | 22.4   | 26.5   | 30.5   | 32.6   | 36.7   | 38.7   | 38.7   | 40.7   | 40.7   | 40.7   | 40.7   |
| 77.5° | 16.3   | 18.3   | 20.4   | 22.4   | 24.4   | 26.5   | 26.5   | 28.5   | 28.5   | 28.5   | 28.5   |
| 80°   | 10.2   | 12.2   | 12.2   | 14.3   | 16.3   | 16.3   | 18.3   | 18.3   | 18.3   | 18.3   | 18.3   |
| 82.5° | 6.1    | 8.1    | 8.1    | 10.2   | 10.2   | 10.2   | 12.2   | 12.2   | 12.2   | 12.2   | 12.2   |
| 85°   | 4.1    | 4.1    | 4.1    | 6.1    | 6.1    | 6.1    | 6.1    | 6.1    | 6.1    | 6.1    | 6.1    |
| 87.5° | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    | 4.1    | 4.1    | 2.0    | 2.0    |
| 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: P212812

CATALOG NUMBER: LD6B30D010 EU6B30508040 6LBSWLI1

**CANDELA DISTRIBUTION (continued):**

|       | 345°   | 350°   | 355°   | 360°   |
|-------|--------|--------|--------|--------|
| 0°    | 1749.4 | 1749.4 | 1749.4 | 1749.4 |
| 2.5°  | 1722.9 | 1712.7 | 1729.0 | 1704.6 |
| 5°    | 1704.6 | 1694.4 | 1714.7 | 1684.2 |
| 7.5°  | 1682.2 | 1672.0 | 1690.3 | 1659.8 |
| 10°   | 1653.6 | 1643.5 | 1659.8 | 1627.2 |
| 12.5° | 1629.2 | 1619.0 | 1637.4 | 1606.8 |
| 15°   | 1610.9 | 1600.7 | 1617.0 | 1588.5 |
| 17.5° | 1582.4 | 1570.2 | 1588.5 | 1557.9 |
| 20°   | 1541.6 | 1533.5 | 1547.8 | 1517.2 |
| 22.5° | 1494.8 | 1486.7 | 1502.9 | 1472.4 |
| 25°   | 1445.9 | 1435.7 | 1452.0 | 1421.5 |
| 27.5° | 1382.8 | 1374.6 | 1390.9 | 1360.4 |
| 30°   | 1307.4 | 1299.3 | 1315.6 | 1287.1 |
| 32.5° | 1221.9 | 1213.8 | 1226.0 | 1201.5 |
| 35°   | 1124.2 | 1118.0 | 1130.3 | 1103.8 |
| 37.5° | 1018.3 | 1012.1 | 1024.4 | 997.9  |
| 40°   | 904.2  | 898.1  | 908.3  | 896.1  |
| 42.5° | 792.2  | 786.1  | 796.3  | 786.1  |
| 45°   | 682.2  | 678.2  | 688.3  | 678.2  |
| 47.5° | 580.4  | 576.3  | 586.5  | 576.3  |
| 50°   | 482.7  | 484.7  | 488.8  | 484.7  |
| 52.5° | 395.1  | 395.1  | 401.2  | 395.1  |
| 55°   | 319.7  | 321.8  | 323.8  | 319.7  |
| 57.5° | 254.6  | 254.6  | 256.6  | 254.6  |
| 60°   | 197.5  | 199.6  | 199.6  | 197.5  |
| 62.5° | 156.8  | 156.8  | 156.8  | 156.8  |
| 65°   | 124.2  | 124.2  | 126.3  | 124.2  |
| 67.5° | 97.8   | 95.7   | 97.8   | 95.7   |
| 70°   | 73.3   | 73.3   | 73.3   | 73.3   |
| 72.5° | 57.0   | 57.0   | 55.0   | 55.0   |
| 75°   | 40.7   | 42.8   | 40.7   | 40.7   |
| 77.5° | 28.5   | 28.5   | 28.5   | 28.5   |
| 80°   | 18.3   | 18.3   | 18.3   | 18.3   |
| 82.5° | 12.2   | 12.2   | 12.2   | 12.2   |
| 85°   | 8.1    | 6.1    | 6.1    | 6.1    |
| 87.5° | 4.1    | 2.0    | 2.0    | 2.0    |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    |



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— 0°-180°    - - 45°-225°    - - - - 90°-270°    - · - · 135°-315°

























(END OF REPORT)