

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: P245979

Luminaire Tested: **LD8B30D010 ER8B30840 8LBSW0MW**

Issue Date: 03/03/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P245979  
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: LD8B30D010 ER8B30840 8LBSW0MW  
Description: PORTFOLIO 8 INCH SINGLE WALL WASH DISTRIBUTION 60 DEGREE CUTOFF  
RECESSED DOWNLIGHT  
80 CRI 4000 CCT WITH MATTE WHITE TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 3041.0 lumens  
Efficiency: N/A  
Efficacy: 112.2 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

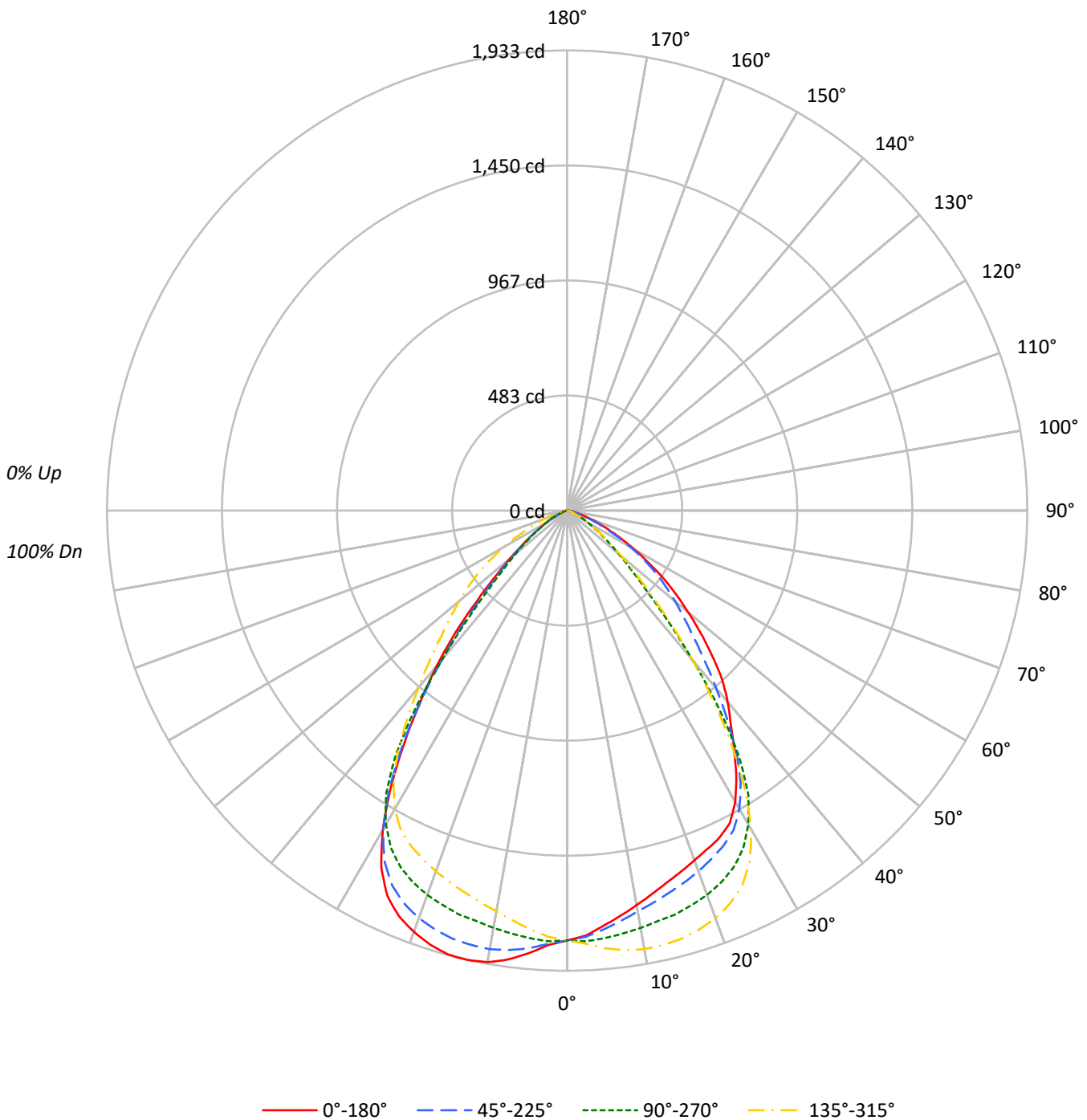
Input Watts (W): 27.1  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



TEST NUMBER: P245979

CATALOG NUMBER: LD8B30D010 ER8B30840 8LBSW0MW

### Luminous Intensity Polar Plot





TEST NUMBER: P245979

CATALOG NUMBER: LD8B30D010 ER8B30840 8LBSW0MW

**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°  | 55669 | 55669 | 55669 | 55669 |
| 5°  | 54191 | 55801 | 57794 | 55801 |
| 10° | 52692 | 55729 | 60310 | 55729 |
| 15° | 51640 | 56059 | 61629 | 56059 |
| 20° | 51287 | 56380 | 61788 | 56380 |
| 25° | 51557 | 56266 | 60794 | 56266 |
| 30° | 50284 | 54208 | 55180 | 54208 |
| 35° | 45994 | 47289 | 44864 | 47289 |
| 40° | 42226 | 32896 | 34349 | 32896 |
| 45° | 37521 | 20069 | 23218 | 20069 |
| 50° | 31758 | 13404 | 14886 | 13404 |
| 55° | 26305 | 9145  | 9666  | 9145  |
| 60° | 20062 | 6087  | 6143  | 6087  |
| 65° | 14214 | 3794  | 3473  | 3794  |
| 70° | 10251 | 2542  | 2308  | 2542  |
| 75° | 6505  | 1263  | 1048  | 1263  |
| 80° | 4546  | 941   | 781   | 941   |
| 85° | 4069  | 0     | 318   | 0     |



TEST NUMBER: P245979

CATALOG NUMBER: LD8B30D010 ER8B30840 8LBSW0MW

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 171.8  | 5.7       |
| 10°-20°   | 497.6  | 16.4      |
| 20°-30°   | 753.5  | 24.8      |
| 30°-40°   | 755.2  | 24.8      |
| 40°-50°   | 474.2  | 15.6      |
| 50°-60°   | 252.7  | 8.3       |
| 60°-70°   | 103.9  | 3.4       |
| 70°-80°   | 27.5   | 0.9       |
| 80°-90°   | 4.6    | 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°    | 1422.9 | 46.8      |
| 0°-40°    | 2178.1 | 71.6      |
| 0°-60°    | 2905.0 | 95.5      |
| 0°-90°    | 3041.0 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 3041.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 90°  | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0°  | 1805 | 1805 | 1805 | 1805 | 1805 |      |
| 5°  | 1751 | 1803 | 1867 | 1803 | 1751 | 165  |
| 15° | 1618 | 1756 | 1930 | 1756 | 1618 | 457  |
| 25° | 1515 | 1654 | 1787 | 1654 | 1515 | 695  |
| 35° | 1222 | 1256 | 1192 | 1256 | 1222 | 765  |
| 45° | 860  | 460  | 532  | 460  | 860  | 662  |
| 55° | 489  | 170  | 180  | 170  | 489  | 436  |
| 65° | 195  | 52   | 48   | 52   | 195  | 202  |
| 75° | 55   | 11   | 9    | 11   | 55   | 62   |
| 85° | 12   | 0    | 1    | 0    | 12   | 13   |
| 90° | 0    | 0    | 0    | 0    | 0    |      |



TEST NUMBER: P245979

CATALOG NUMBER: LD8B30D010 ER8B30840 8LBSW0MW

**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1805.3 | 1805.3 | 1805.3 | 1805.3 | 1805.3 | 1805.3 | 1805.3 | 1805.3 | 1805.3 | 1805.3 | 1805.3 |
| 2.5°  | 1786.8 | 1785.1 | 1784.2 | 1786.0 | 1786.8 | 1790.4 | 1789.5 | 1791.2 | 1791.2 | 1792.1 | 1793.9 |
| 5°    | 1750.7 | 1749.8 | 1750.7 | 1750.7 | 1754.2 | 1757.7 | 1756.9 | 1759.5 | 1761.3 | 1765.7 | 1767.4 |
| 7.5°  | 1717.2 | 1717.2 | 1716.3 | 1719.8 | 1721.6 | 1726.9 | 1726.0 | 1730.4 | 1733.1 | 1737.5 | 1743.6 |
| 10°   | 1682.8 | 1682.8 | 1683.7 | 1686.3 | 1687.2 | 1695.2 | 1695.2 | 1701.3 | 1704.8 | 1709.3 | 1717.2 |
| 12.5° | 1649.3 | 1649.3 | 1654.6 | 1652.8 | 1656.4 | 1662.5 | 1665.2 | 1671.3 | 1676.6 | 1685.5 | 1693.4 |
| 15°   | 1617.6 | 1617.6 | 1619.4 | 1623.7 | 1626.4 | 1634.3 | 1638.7 | 1645.8 | 1652.0 | 1660.8 | 1672.3 |
| 17.5° | 1590.3 | 1589.4 | 1590.3 | 1595.6 | 1600.8 | 1607.9 | 1611.4 | 1620.2 | 1626.4 | 1637.9 | 1648.5 |
| 20°   | 1562.9 | 1564.7 | 1564.7 | 1569.1 | 1572.6 | 1581.4 | 1585.0 | 1594.7 | 1601.7 | 1612.3 | 1624.7 |
| 22.5° | 1539.1 | 1538.3 | 1538.3 | 1544.4 | 1547.1 | 1555.0 | 1558.5 | 1567.3 | 1575.3 | 1584.1 | 1595.6 |
| 25°   | 1515.3 | 1513.5 | 1517.1 | 1518.0 | 1519.7 | 1528.5 | 1531.2 | 1537.4 | 1545.3 | 1553.2 | 1564.7 |
| 27.5° | 1480.1 | 1478.3 | 1479.2 | 1482.7 | 1485.4 | 1492.4 | 1494.2 | 1500.3 | 1506.5 | 1513.5 | 1523.3 |
| 30°   | 1412.2 | 1410.4 | 1409.6 | 1415.7 | 1418.4 | 1423.6 | 1426.3 | 1436.9 | 1438.6 | 1446.6 | 1453.6 |
| 32.5° | 1322.3 | 1321.4 | 1323.2 | 1328.4 | 1331.1 | 1338.2 | 1341.7 | 1347.8 | 1352.2 | 1356.7 | 1363.7 |
| 35°   | 1221.8 | 1220.0 | 1221.8 | 1227.1 | 1227.1 | 1233.3 | 1235.9 | 1238.5 | 1237.6 | 1238.5 | 1236.8 |
| 37.5° | 1128.4 | 1127.5 | 1128.4 | 1131.0 | 1128.4 | 1131.0 | 1128.4 | 1123.1 | 1113.4 | 1102.8 | 1092.2 |
| 40°   | 1049.0 | 1049.9 | 1044.6 | 1048.1 | 1038.4 | 1036.7 | 1027.0 | 1013.7 | 994.4  | 973.2  | 943.2  |
| 42.5° | 964.4  | 961.7  | 958.2  | 960.0  | 952.1  | 945.9  | 930.0  | 913.3  | 888.6  | 853.3  | 817.2  |
| 45°   | 860.4  | 859.5  | 857.7  | 856.8  | 851.5  | 845.4  | 832.1  | 812.8  | 785.4  | 749.3  | 706.1  |
| 47.5° | 759.0  | 756.3  | 756.3  | 757.2  | 751.0  | 750.2  | 739.6  | 722.8  | 699.0  | 663.8  | 618.8  |
| 50°   | 662.0  | 661.1  | 662.9  | 666.4  | 662.0  | 660.3  | 653.2  | 641.8  | 620.6  | 590.6  | 548.3  |
| 52.5° | 574.7  | 573.9  | 575.6  | 580.0  | 578.3  | 580.0  | 573.0  | 564.2  | 550.1  | 521.0  | 484.0  |
| 55°   | 489.3  | 489.3  | 489.3  | 494.5  | 494.5  | 494.5  | 491.0  | 485.7  | 472.5  | 451.3  | 417.0  |
| 57.5° | 400.2  | 401.1  | 406.4  | 407.3  | 406.4  | 408.2  | 407.3  | 402.0  | 393.2  | 378.2  | 351.7  |
| 60°   | 325.3  | 325.3  | 327.9  | 330.6  | 329.7  | 330.6  | 330.6  | 327.9  | 319.1  | 306.8  | 285.6  |
| 62.5° | 257.4  | 260.0  | 258.3  | 260.0  | 263.6  | 260.0  | 258.3  | 256.5  | 250.4  | 242.4  | 224.8  |
| 65°   | 194.8  | 196.6  | 196.6  | 197.5  | 195.7  | 196.6  | 193.1  | 190.4  | 186.9  | 178.1  | 166.6  |
| 67.5° | 148.1  | 148.1  | 148.1  | 148.1  | 147.2  | 146.3  | 145.5  | 142.8  | 136.6  | 133.1  | 120.8  |
| 70°   | 113.7  | 108.4  | 108.4  | 108.4  | 108.4  | 109.3  | 106.7  | 103.2  | 101.4  | 95.2   | 86.4   |
| 72.5° | 75.8   | 77.6   | 75.8   | 75.8   | 74.1   | 74.9   | 71.4   | 69.6   | 67.9   | 64.4   | 59.1   |
| 75°   | 54.6   | 50.3   | 52.0   | 52.9   | 50.3   | 52.0   | 48.5   | 45.0   | 45.0   | 42.3   | 39.7   |
| 77.5° | 35.3   | 34.4   | 35.3   | 36.1   | 35.3   | 34.4   | 32.6   | 30.8   | 30.8   | 30.0   | 27.3   |
| 80°   | 25.6   | 24.7   | 24.7   | 24.7   | 23.8   | 24.7   | 22.9   | 22.9   | 21.2   | 20.3   | 18.5   |
| 82.5° | 16.8   | 16.8   | 15.9   | 16.8   | 15.9   | 16.8   | 14.1   | 14.1   | 14.1   | 13.2   | 11.5   |
| 85°   | 11.5   | 9.7    | 9.7    | 10.6   | 8.8    | 10.6   | 9.7    | 8.8    | 7.9    | 7.9    | 7.0    |
| 87.5° | 5.3    | 6.2    | 5.3    | 6.2    | 5.3    | 5.3    | 6.2    | 5.3    | 5.3    | 3.5    | 3.5    |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



TEST NUMBER: P245979

CATALOG NUMBER: LD8B30D010 ER8B30840 8LBSW0MW

**CANDELA DISTRIBUTION (continued):**

|       | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°   | 105°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1805.3 | 1805.3 | 1805.3 | 1805.3 | 1805.3 | 1805.3 | 1805.3 | 1805.3 | 1805.3 | 1805.3 | 1805.3 |
| 2.5°  | 1796.5 | 1797.4 | 1797.4 | 1801.0 | 1802.7 | 1803.6 | 1803.6 | 1810.6 | 1808.0 | 1809.8 | 1811.5 |
| 5°    | 1771.0 | 1776.2 | 1778.0 | 1778.0 | 1787.7 | 1791.2 | 1794.8 | 1802.7 | 1803.6 | 1808.9 | 1815.0 |
| 7.5°  | 1746.3 | 1752.4 | 1756.0 | 1763.9 | 1770.1 | 1776.2 | 1786.8 | 1792.1 | 1797.4 | 1804.5 | 1812.4 |
| 10°   | 1722.5 | 1729.5 | 1736.6 | 1742.8 | 1752.4 | 1760.4 | 1767.4 | 1779.8 | 1786.0 | 1795.7 | 1806.2 |
| 12.5° | 1699.6 | 1709.3 | 1715.4 | 1726.0 | 1736.6 | 1743.6 | 1754.2 | 1765.7 | 1775.4 | 1785.1 | 1797.4 |
| 15°   | 1679.3 | 1690.8 | 1697.8 | 1709.3 | 1720.7 | 1730.4 | 1741.9 | 1756.0 | 1763.0 | 1774.5 | 1786.0 |
| 17.5° | 1657.2 | 1669.6 | 1678.4 | 1689.0 | 1703.1 | 1713.7 | 1723.4 | 1737.5 | 1746.3 | 1758.6 | 1771.9 |
| 20°   | 1634.3 | 1646.7 | 1657.2 | 1667.8 | 1681.9 | 1692.5 | 1704.0 | 1718.1 | 1727.8 | 1740.1 | 1750.7 |
| 22.5° | 1607.0 | 1618.5 | 1629.9 | 1642.2 | 1656.4 | 1665.2 | 1678.4 | 1690.8 | 1701.3 | 1712.8 | 1723.4 |
| 25°   | 1571.7 | 1585.9 | 1594.7 | 1606.1 | 1617.6 | 1627.3 | 1641.4 | 1653.7 | 1662.5 | 1673.1 | 1682.8 |
| 27.5° | 1530.3 | 1540.9 | 1547.9 | 1557.6 | 1569.1 | 1577.9 | 1588.5 | 1600.8 | 1609.7 | 1619.4 | 1626.4 |
| 30°   | 1459.8 | 1469.5 | 1475.7 | 1482.7 | 1494.2 | 1502.1 | 1510.9 | 1522.4 | 1528.5 | 1535.6 | 1541.8 |
| 32.5° | 1367.2 | 1375.2 | 1378.7 | 1384.0 | 1391.9 | 1399.8 | 1406.9 | 1416.6 | 1419.2 | 1423.6 | 1423.6 |
| 35°   | 1233.3 | 1235.0 | 1234.1 | 1235.9 | 1239.4 | 1243.8 | 1250.0 | 1256.2 | 1259.7 | 1259.7 | 1257.1 |
| 37.5° | 1076.3 | 1065.8 | 1054.3 | 1045.5 | 1042.8 | 1041.1 | 1044.6 | 1047.2 | 1050.8 | 1052.5 | 1048.1 |
| 40°   | 913.3  | 889.5  | 863.9  | 841.0  | 825.1  | 818.1  | 815.4  | 817.2  | 817.2  | 823.3  | 823.3  |
| 42.5° | 773.1  | 736.1  | 698.2  | 663.8  | 640.8  | 623.2  | 615.3  | 615.3  | 616.2  | 620.6  | 623.2  |
| 45°   | 656.7  | 610.0  | 565.9  | 528.0  | 496.3  | 473.4  | 462.8  | 460.2  | 459.3  | 461.0  | 467.2  |
| 47.5° | 567.7  | 519.2  | 473.4  | 426.7  | 393.2  | 370.2  | 360.6  | 357.0  | 353.5  | 357.0  | 357.9  |
| 50°   | 498.1  | 447.8  | 399.3  | 352.6  | 317.3  | 297.1  | 284.7  | 279.4  | 278.6  | 278.6  | 280.3  |
| 52.5° | 434.6  | 387.9  | 339.4  | 291.8  | 254.7  | 235.4  | 223.9  | 221.3  | 217.7  | 221.3  | 221.3  |
| 55°   | 374.6  | 327.9  | 280.3  | 235.4  | 204.5  | 184.3  | 173.7  | 170.1  | 168.4  | 171.0  | 171.0  |
| 57.5° | 309.4  | 269.7  | 225.7  | 185.1  | 154.3  | 140.2  | 132.2  | 127.8  | 126.9  | 128.7  | 126.9  |
| 60°   | 253.9  | 220.4  | 182.5  | 145.5  | 121.7  | 106.7  | 100.5  | 98.7   | 97.0   | 98.7   | 98.7   |
| 62.5° | 201.0  | 172.8  | 141.9  | 113.7  | 93.4   | 82.9   | 75.8   | 75.8   | 74.9   | 74.9   | 75.8   |
| 65°   | 149.0  | 126.9  | 104.9  | 81.1   | 65.2   | 57.3   | 52.0   | 52.0   | 51.1   | 52.0   | 51.1   |
| 67.5° | 108.4  | 93.4   | 75.8   | 59.1   | 46.7   | 42.3   | 38.8   | 36.1   | 37.9   | 36.1   | 35.3   |
| 70°   | 79.4   | 67.0   | 54.6   | 45.0   | 36.1   | 31.7   | 29.1   | 28.2   | 26.5   | 26.5   | 26.5   |
| 72.5° | 52.9   | 45.0   | 37.0   | 29.1   | 23.8   | 19.4   | 18.5   | 16.8   | 15.0   | 15.9   | 17.6   |
| 75°   | 35.3   | 30.0   | 26.5   | 21.2   | 15.9   | 15.9   | 10.6   | 10.6   | 8.8    | 10.6   | 7.9    |
| 77.5° | 24.7   | 20.3   | 15.9   | 13.2   | 10.6   | 9.7    | 7.0    | 7.0    | 6.2    | 6.2    | 6.2    |
| 80°   | 17.6   | 15.0   | 11.5   | 9.7    | 7.0    | 7.0    | 6.2    | 5.3    | 4.4    | 4.4    | 5.3    |
| 82.5° | 10.6   | 7.9    | 7.9    | 7.0    | 4.4    | 3.5    | 2.6    | 3.5    | 1.8    | 1.8    | 1.8    |
| 85°   | 6.2    | 5.3    | 4.4    | 2.6    | 1.8    | 1.8    | 0.9    | 0.0    | 0.9    | 0.9    | 0.0    |
| 87.5° | 3.5    | 1.8    | 1.8    | 0.9    | 0.0    | 0.9    | 0.9    | 0.0    | 0.0    | 0.0    | 1.8    |
| 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: P245979

CATALOG NUMBER: LD8B30D010 ER8B30840 8LBSW0MW

**CANDELA DISTRIBUTION (continued):**

|       | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   | 160°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1805.3 | 1805.3 | 1805.3 | 1805.3 | 1805.3 | 1805.3 | 1805.3 | 1805.3 | 1805.3 | 1805.3 | 1805.3 |
| 2.5°  | 1815.9 | 1815.0 | 1816.8 | 1816.8 | 1822.1 | 1821.2 | 1823.9 | 1823.9 | 1822.1 | 1823.0 | 1826.5 |
| 5°    | 1822.1 | 1824.8 | 1830.0 | 1834.4 | 1842.4 | 1845.9 | 1850.3 | 1854.7 | 1855.6 | 1858.2 | 1860.9 |
| 7.5°  | 1822.1 | 1830.9 | 1837.1 | 1845.0 | 1855.6 | 1861.8 | 1871.5 | 1879.4 | 1882.9 | 1887.3 | 1892.6 |
| 10°   | 1818.6 | 1827.4 | 1838.8 | 1847.7 | 1860.9 | 1870.6 | 1880.3 | 1892.6 | 1897.9 | 1904.9 | 1912.0 |
| 12.5° | 1811.5 | 1821.2 | 1833.5 | 1845.0 | 1860.0 | 1868.8 | 1881.1 | 1892.6 | 1900.6 | 1910.2 | 1918.2 |
| 15°   | 1801.0 | 1812.4 | 1823.9 | 1835.3 | 1851.2 | 1861.8 | 1873.2 | 1886.4 | 1894.4 | 1904.9 | 1912.0 |
| 17.5° | 1784.2 | 1796.5 | 1807.1 | 1817.7 | 1832.7 | 1845.0 | 1855.6 | 1867.9 | 1875.9 | 1884.7 | 1894.4 |
| 20°   | 1763.9 | 1775.4 | 1786.8 | 1795.7 | 1810.6 | 1821.2 | 1832.7 | 1844.1 | 1850.3 | 1852.1 | 1867.1 |
| 22.5° | 1738.4 | 1746.3 | 1755.1 | 1769.2 | 1778.0 | 1787.7 | 1798.3 | 1808.9 | 1815.0 | 1824.8 | 1830.0 |
| 25°   | 1696.0 | 1704.0 | 1713.7 | 1719.8 | 1730.4 | 1738.4 | 1748.9 | 1760.4 | 1763.9 | 1771.0 | 1776.2 |
| 27.5° | 1637.0 | 1641.4 | 1645.8 | 1651.1 | 1657.2 | 1661.7 | 1667.8 | 1673.1 | 1676.6 | 1680.2 | 1683.7 |
| 30°   | 1543.5 | 1543.5 | 1543.5 | 1540.0 | 1542.6 | 1545.3 | 1546.2 | 1545.3 | 1545.3 | 1544.4 | 1544.4 |
| 32.5° | 1420.1 | 1413.1 | 1405.1 | 1398.1 | 1395.4 | 1391.9 | 1390.1 | 1387.5 | 1383.1 | 1380.5 | 1381.3 |
| 35°   | 1253.5 | 1237.6 | 1228.0 | 1219.1 | 1212.1 | 1206.8 | 1204.2 | 1201.5 | 1200.6 | 1197.1 | 1193.6 |
| 37.5° | 1045.5 | 1034.0 | 1027.0 | 1021.7 | 1015.5 | 1010.2 | 1011.1 | 1012.0 | 1014.6 | 1012.9 | 1013.7 |
| 40°   | 825.1  | 822.4  | 825.1  | 818.9  | 817.2  | 818.9  | 823.3  | 829.5  | 833.0  | 836.6  | 842.7  |
| 42.5° | 627.6  | 632.0  | 638.2  | 638.2  | 640.8  | 644.4  | 649.7  | 659.4  | 664.6  | 670.8  | 677.9  |
| 45°   | 472.5  | 477.8  | 485.7  | 488.3  | 490.1  | 494.5  | 500.7  | 508.6  | 512.1  | 517.4  | 523.6  |
| 47.5° | 364.1  | 367.6  | 372.0  | 376.4  | 380.8  | 382.6  | 388.7  | 388.7  | 393.2  | 396.7  | 398.4  |
| 50°   | 283.8  | 287.4  | 290.9  | 293.5  | 295.3  | 298.0  | 299.7  | 302.4  | 303.2  | 305.0  | 305.9  |
| 52.5° | 222.1  | 226.6  | 226.6  | 228.3  | 230.9  | 233.6  | 232.7  | 233.6  | 234.5  | 234.5  | 237.1  |
| 55°   | 173.7  | 173.7  | 176.3  | 176.3  | 178.1  | 177.2  | 178.1  | 178.1  | 178.1  | 178.1  | 179.0  |
| 57.5° | 129.6  | 130.5  | 133.1  | 131.3  | 130.5  | 132.2  | 130.5  | 132.2  | 131.3  | 133.1  | 130.5  |
| 60°   | 99.6   | 99.6   | 100.5  | 100.5  | 101.4  | 101.4  | 101.4  | 100.5  | 100.5  | 99.6   | 99.6   |
| 62.5° | 74.9   | 75.8   | 76.7   | 75.8   | 75.8   | 75.8   | 74.9   | 74.9   | 74.1   | 73.1   | 73.1   |
| 65°   | 50.3   | 49.4   | 51.1   | 49.4   | 50.3   | 50.3   | 49.4   | 50.3   | 47.6   | 48.5   | 47.6   |
| 67.5° | 36.1   | 35.3   | 34.4   | 35.3   | 34.4   | 33.5   | 33.5   | 34.4   | 35.3   | 32.6   | 32.6   |
| 70°   | 23.8   | 24.7   | 23.8   | 24.7   | 25.6   | 25.6   | 24.7   | 23.8   | 24.7   | 22.9   | 23.8   |
| 72.5° | 15.0   | 15.0   | 15.0   | 15.0   | 15.0   | 15.9   | 15.9   | 15.9   | 14.1   | 14.1   | 13.2   |
| 75°   | 7.0    | 9.7    | 7.9    | 7.0    | 9.7    | 9.7    | 8.8    | 8.8    | 7.9    | 7.9    | 7.9    |
| 77.5° | 7.0    | 5.3    | 5.3    | 5.3    | 5.3    | 5.3    | 5.3    | 5.3    | 4.4    | 5.3    | 4.4    |
| 80°   | 3.5    | 3.5    | 3.5    | 2.6    | 3.5    | 3.5    | 4.4    | 3.5    | 3.5    | 2.6    | 4.4    |
| 82.5° | 1.8    | 1.8    | 1.8    | 0.0    | 0.9    | 1.8    | 1.8    | 0.9    | 1.8    | 1.8    | 0.9    |
| 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: P245979

CATALOG NUMBER: LD8B30D010 ER8B30840 8LBSW0MW

**CANDELA DISTRIBUTION (continued):**

|       | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1805.3 | 1805.3 | 1805.3 | 1805.3 | 1805.3 | 1805.3 | 1805.3 | 1805.3 | 1805.3 | 1805.3 | 1805.3 |
| 2.5°  | 1825.6 | 1824.8 | 1825.6 | 1826.5 | 1825.6 | 1824.8 | 1825.6 | 1826.5 | 1823.0 | 1822.1 | 1823.9 |
| 5°    | 1864.4 | 1864.4 | 1866.2 | 1867.1 | 1866.2 | 1864.4 | 1864.4 | 1860.9 | 1858.2 | 1855.6 | 1854.7 |
| 7.5°  | 1897.9 | 1899.7 | 1901.4 | 1902.3 | 1901.4 | 1899.7 | 1897.9 | 1892.6 | 1887.3 | 1882.9 | 1879.4 |
| 10°   | 1918.2 | 1920.8 | 1924.4 | 1926.1 | 1924.4 | 1920.8 | 1918.2 | 1912.0 | 1904.9 | 1897.9 | 1892.6 |
| 12.5° | 1927.0 | 1929.7 | 1934.0 | 1933.2 | 1934.0 | 1929.7 | 1927.0 | 1918.2 | 1910.2 | 1900.6 | 1892.6 |
| 15°   | 1920.8 | 1924.4 | 1928.7 | 1930.5 | 1928.7 | 1924.4 | 1920.8 | 1912.0 | 1904.9 | 1894.4 | 1886.4 |
| 17.5° | 1901.4 | 1906.7 | 1909.4 | 1912.0 | 1909.4 | 1906.7 | 1901.4 | 1894.4 | 1884.7 | 1875.9 | 1867.9 |
| 20°   | 1875.0 | 1878.5 | 1882.0 | 1882.9 | 1882.0 | 1878.5 | 1875.0 | 1867.1 | 1852.1 | 1850.3 | 1844.1 |
| 22.5° | 1837.1 | 1839.7 | 1847.7 | 1845.0 | 1847.7 | 1839.7 | 1837.1 | 1830.0 | 1824.8 | 1815.0 | 1808.9 |
| 25°   | 1782.4 | 1785.1 | 1786.0 | 1786.8 | 1786.0 | 1785.1 | 1782.4 | 1776.2 | 1771.0 | 1763.9 | 1760.4 |
| 27.5° | 1688.1 | 1688.1 | 1689.9 | 1690.8 | 1689.9 | 1688.1 | 1688.1 | 1683.7 | 1680.2 | 1676.6 | 1673.1 |
| 30°   | 1545.3 | 1545.3 | 1545.3 | 1549.7 | 1545.3 | 1545.3 | 1545.3 | 1544.4 | 1544.4 | 1545.3 | 1545.3 |
| 32.5° | 1380.5 | 1378.7 | 1376.9 | 1378.7 | 1376.9 | 1378.7 | 1380.5 | 1381.3 | 1380.5 | 1383.1 | 1387.5 |
| 35°   | 1193.6 | 1192.7 | 1195.3 | 1191.8 | 1195.3 | 1192.7 | 1193.6 | 1193.6 | 1197.1 | 1200.6 | 1201.5 |
| 37.5° | 1014.6 | 1012.9 | 1016.4 | 1012.9 | 1016.4 | 1012.9 | 1014.6 | 1013.7 | 1012.9 | 1014.6 | 1012.0 |
| 40°   | 844.5  | 846.3  | 846.3  | 853.3  | 846.3  | 846.3  | 844.5  | 842.7  | 836.6  | 833.0  | 829.5  |
| 42.5° | 681.4  | 686.7  | 684.9  | 690.2  | 684.9  | 686.7  | 681.4  | 677.9  | 670.8  | 664.6  | 659.4  |
| 45°   | 527.1  | 530.7  | 530.7  | 532.4  | 530.7  | 530.7  | 527.1  | 523.6  | 517.4  | 512.1  | 508.6  |
| 47.5° | 404.6  | 404.6  | 404.6  | 405.5  | 404.6  | 404.6  | 404.6  | 398.4  | 396.7  | 393.2  | 388.7  |
| 50°   | 307.7  | 308.5  | 309.4  | 310.3  | 309.4  | 308.5  | 307.7  | 305.9  | 305.0  | 303.2  | 302.4  |
| 52.5° | 236.2  | 237.1  | 235.4  | 237.1  | 235.4  | 237.1  | 236.2  | 237.1  | 234.5  | 234.5  | 233.6  |
| 55°   | 179.0  | 178.1  | 179.0  | 179.8  | 179.0  | 178.1  | 179.0  | 179.0  | 178.1  | 178.1  | 178.1  |
| 57.5° | 131.3  | 129.6  | 129.6  | 129.6  | 129.6  | 129.6  | 131.3  | 130.5  | 133.1  | 131.3  | 132.2  |
| 60°   | 97.9   | 98.7   | 98.7   | 99.6   | 98.7   | 98.7   | 97.9   | 99.6   | 99.6   | 100.5  | 100.5  |
| 62.5° | 72.3   | 74.9   | 73.1   | 74.9   | 73.1   | 74.9   | 72.3   | 73.1   | 73.1   | 74.1   | 74.9   |
| 65°   | 46.7   | 46.7   | 46.7   | 47.6   | 46.7   | 46.7   | 46.7   | 47.6   | 48.5   | 47.6   | 50.3   |
| 67.5° | 31.7   | 32.6   | 34.4   | 33.5   | 34.4   | 32.6   | 31.7   | 32.6   | 32.6   | 35.3   | 34.4   |
| 70°   | 25.6   | 22.9   | 22.9   | 25.6   | 22.9   | 22.9   | 25.6   | 23.8   | 22.9   | 24.7   | 23.8   |
| 72.5° | 15.0   | 13.2   | 15.0   | 15.0   | 15.0   | 13.2   | 15.0   | 13.2   | 14.1   | 14.1   | 15.9   |
| 75°   | 7.9    | 7.0    | 6.2    | 8.8    | 6.2    | 7.0    | 7.9    | 7.9    | 7.9    | 7.9    | 8.8    |
| 77.5° | 5.3    | 4.4    | 6.2    | 6.2    | 6.2    | 4.4    | 5.3    | 4.4    | 5.3    | 4.4    | 5.3    |
| 80°   | 2.6    | 3.5    | 2.6    | 4.4    | 2.6    | 3.5    | 2.6    | 4.4    | 2.6    | 3.5    | 3.5    |
| 82.5° | 0.9    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 0.9    | 0.9    | 1.8    | 1.8    | 0.9    |
| 85°   | 0.0    | 1.8    | 0.9    | 0.9    | 0.9    | 1.8    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 87.5° | 0.9    | 0.0    | 0.0    | 0.9    | 0.0    | 0.0    | 0.9    | 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: P245979

CATALOG NUMBER: LD8B30D010 ER8B30840 8LBSW0MW

**CANDELA DISTRIBUTION (continued):**

|       | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°   | 265°   | 270°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1805.3 | 1805.3 | 1805.3 | 1805.3 | 1805.3 | 1805.3 | 1805.3 | 1805.3 | 1805.3 | 1805.3 | 1805.3 |
| 2.5°  | 1823.9 | 1821.2 | 1822.1 | 1816.8 | 1816.8 | 1815.0 | 1815.9 | 1811.5 | 1809.8 | 1808.0 | 1810.6 |
| 5°    | 1850.3 | 1845.9 | 1842.4 | 1834.4 | 1830.0 | 1824.8 | 1822.1 | 1815.0 | 1808.9 | 1803.6 | 1802.7 |
| 7.5°  | 1871.5 | 1861.8 | 1855.6 | 1845.0 | 1837.1 | 1830.9 | 1822.1 | 1812.4 | 1804.5 | 1797.4 | 1792.1 |
| 10°   | 1880.3 | 1870.6 | 1860.9 | 1847.7 | 1838.8 | 1827.4 | 1818.6 | 1806.2 | 1795.7 | 1786.0 | 1779.8 |
| 12.5° | 1881.1 | 1868.8 | 1860.0 | 1845.0 | 1833.5 | 1821.2 | 1811.5 | 1797.4 | 1785.1 | 1775.4 | 1765.7 |
| 15°   | 1873.2 | 1861.8 | 1851.2 | 1835.3 | 1823.9 | 1812.4 | 1801.0 | 1786.0 | 1774.5 | 1763.0 | 1756.0 |
| 17.5° | 1855.6 | 1845.0 | 1832.7 | 1817.7 | 1807.1 | 1796.5 | 1784.2 | 1771.9 | 1758.6 | 1746.3 | 1737.5 |
| 20°   | 1832.7 | 1821.2 | 1810.6 | 1795.7 | 1786.8 | 1775.4 | 1763.9 | 1750.7 | 1740.1 | 1727.8 | 1718.1 |
| 22.5° | 1798.3 | 1787.7 | 1778.0 | 1769.2 | 1755.1 | 1746.3 | 1738.4 | 1723.4 | 1712.8 | 1701.3 | 1690.8 |
| 25°   | 1748.9 | 1738.4 | 1730.4 | 1719.8 | 1713.7 | 1704.0 | 1696.0 | 1682.8 | 1673.1 | 1662.5 | 1653.7 |
| 27.5° | 1667.8 | 1661.7 | 1657.2 | 1651.1 | 1645.8 | 1641.4 | 1637.0 | 1626.4 | 1619.4 | 1609.7 | 1600.8 |
| 30°   | 1546.2 | 1545.3 | 1542.6 | 1540.0 | 1543.5 | 1543.5 | 1543.5 | 1541.8 | 1535.6 | 1528.5 | 1522.4 |
| 32.5° | 1390.1 | 1391.9 | 1395.4 | 1398.1 | 1405.1 | 1413.1 | 1420.1 | 1423.6 | 1423.6 | 1419.2 | 1416.6 |
| 35°   | 1204.2 | 1206.8 | 1212.1 | 1219.1 | 1228.0 | 1237.6 | 1253.5 | 1257.1 | 1259.7 | 1259.7 | 1256.2 |
| 37.5° | 1011.1 | 1010.2 | 1015.5 | 1021.7 | 1027.0 | 1034.0 | 1045.5 | 1048.1 | 1052.5 | 1050.8 | 1047.2 |
| 40°   | 823.3  | 818.9  | 817.2  | 818.9  | 825.1  | 822.4  | 825.1  | 823.3  | 823.3  | 817.2  | 817.2  |
| 42.5° | 649.7  | 644.4  | 640.8  | 638.2  | 638.2  | 632.0  | 627.6  | 623.2  | 620.6  | 616.2  | 615.3  |
| 45°   | 500.7  | 494.5  | 490.1  | 488.3  | 485.7  | 477.8  | 472.5  | 467.2  | 461.0  | 459.3  | 460.2  |
| 47.5° | 388.7  | 382.6  | 380.8  | 376.4  | 372.0  | 367.6  | 364.1  | 357.9  | 357.0  | 353.5  | 357.0  |
| 50°   | 299.7  | 298.0  | 295.3  | 293.5  | 290.9  | 287.4  | 283.8  | 280.3  | 278.6  | 278.6  | 279.4  |
| 52.5° | 232.7  | 233.6  | 230.9  | 228.3  | 226.6  | 226.6  | 222.1  | 221.3  | 221.3  | 217.7  | 221.3  |
| 55°   | 178.1  | 177.2  | 178.1  | 176.3  | 176.3  | 173.7  | 173.7  | 171.0  | 171.0  | 168.4  | 170.1  |
| 57.5° | 130.5  | 132.2  | 130.5  | 131.3  | 133.1  | 130.5  | 129.6  | 126.9  | 128.7  | 126.9  | 127.8  |
| 60°   | 101.4  | 101.4  | 101.4  | 100.5  | 100.5  | 99.6   | 99.6   | 98.7   | 98.7   | 97.0   | 98.7   |
| 62.5° | 74.9   | 75.8   | 75.8   | 75.8   | 76.7   | 75.8   | 74.9   | 75.8   | 74.9   | 74.9   | 75.8   |
| 65°   | 49.4   | 50.3   | 50.3   | 49.4   | 51.1   | 49.4   | 50.3   | 51.1   | 52.0   | 51.1   | 52.0   |
| 67.5° | 33.5   | 33.5   | 34.4   | 35.3   | 34.4   | 35.3   | 36.1   | 35.3   | 36.1   | 37.9   | 36.1   |
| 70°   | 24.7   | 25.6   | 25.6   | 24.7   | 23.8   | 24.7   | 23.8   | 26.5   | 26.5   | 26.5   | 28.2   |
| 72.5° | 15.9   | 15.9   | 15.0   | 15.0   | 15.0   | 15.0   | 15.0   | 17.6   | 15.9   | 15.0   | 16.8   |
| 75°   | 8.8    | 9.7    | 9.7    | 7.0    | 7.9    | 9.7    | 7.0    | 7.9    | 10.6   | 8.8    | 10.6   |
| 77.5° | 5.3    | 5.3    | 5.3    | 5.3    | 5.3    | 5.3    | 7.0    | 6.2    | 6.2    | 6.2    | 7.0    |
| 80°   | 4.4    | 3.5    | 3.5    | 2.6    | 3.5    | 3.5    | 3.5    | 5.3    | 4.4    | 4.4    | 5.3    |
| 82.5° | 1.8    | 1.8    | 0.9    | 0.0    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 3.5    |
| 85°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.9    | 0.9    | 0.0    |
| 87.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 1.8    | 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: P245979

CATALOG NUMBER: LD8B30D010 ER8B30840 8LBSW0MW

**CANDELA DISTRIBUTION (continued):**

|       | 275°   | 280°   | 285°   | 290°   | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1805.3 | 1805.3 | 1805.3 | 1805.3 | 1805.3 | 1805.3 | 1805.3 | 1805.3 | 1805.3 | 1805.3 | 1805.3 |
| 2.5°  | 1803.6 | 1803.6 | 1802.7 | 1801.0 | 1797.4 | 1797.4 | 1796.5 | 1793.9 | 1792.1 | 1791.2 | 1791.2 |
| 5°    | 1794.8 | 1791.2 | 1787.7 | 1778.0 | 1778.0 | 1776.2 | 1771.0 | 1767.4 | 1765.7 | 1761.3 | 1759.5 |
| 7.5°  | 1786.8 | 1776.2 | 1770.1 | 1763.9 | 1756.0 | 1752.4 | 1746.3 | 1743.6 | 1737.5 | 1733.1 | 1730.4 |
| 10°   | 1767.4 | 1760.4 | 1752.4 | 1742.8 | 1736.6 | 1729.5 | 1722.5 | 1717.2 | 1709.3 | 1704.8 | 1701.3 |
| 12.5° | 1754.2 | 1743.6 | 1736.6 | 1726.0 | 1715.4 | 1709.3 | 1699.6 | 1693.4 | 1685.5 | 1676.6 | 1671.3 |
| 15°   | 1741.9 | 1730.4 | 1720.7 | 1709.3 | 1697.8 | 1690.8 | 1679.3 | 1672.3 | 1660.8 | 1652.0 | 1645.8 |
| 17.5° | 1723.4 | 1713.7 | 1703.1 | 1689.0 | 1678.4 | 1669.6 | 1657.2 | 1648.5 | 1637.9 | 1626.4 | 1620.2 |
| 20°   | 1704.0 | 1692.5 | 1681.9 | 1667.8 | 1657.2 | 1646.7 | 1634.3 | 1624.7 | 1612.3 | 1601.7 | 1594.7 |
| 22.5° | 1678.4 | 1665.2 | 1656.4 | 1642.2 | 1629.9 | 1618.5 | 1607.0 | 1595.6 | 1584.1 | 1575.3 | 1567.3 |
| 25°   | 1641.4 | 1627.3 | 1617.6 | 1606.1 | 1594.7 | 1585.9 | 1571.7 | 1564.7 | 1553.2 | 1545.3 | 1537.4 |
| 27.5° | 1588.5 | 1577.9 | 1569.1 | 1557.6 | 1547.9 | 1540.9 | 1530.3 | 1523.3 | 1513.5 | 1506.5 | 1500.3 |
| 30°   | 1510.9 | 1502.1 | 1494.2 | 1482.7 | 1475.7 | 1469.5 | 1459.8 | 1453.6 | 1446.6 | 1438.6 | 1436.9 |
| 32.5° | 1406.9 | 1399.8 | 1391.9 | 1384.0 | 1378.7 | 1375.2 | 1367.2 | 1363.7 | 1356.7 | 1352.2 | 1347.8 |
| 35°   | 1250.0 | 1243.8 | 1239.4 | 1235.9 | 1234.1 | 1235.0 | 1233.3 | 1236.8 | 1238.5 | 1237.6 | 1238.5 |
| 37.5° | 1044.6 | 1041.1 | 1042.8 | 1045.5 | 1054.3 | 1065.8 | 1076.3 | 1092.2 | 1102.8 | 1113.4 | 1123.1 |
| 40°   | 815.4  | 818.1  | 825.1  | 841.0  | 863.9  | 889.5  | 913.3  | 943.2  | 973.2  | 994.4  | 1013.7 |
| 42.5° | 615.3  | 623.2  | 640.8  | 663.8  | 698.2  | 736.1  | 773.1  | 817.2  | 853.3  | 888.6  | 913.3  |
| 45°   | 462.8  | 473.4  | 496.3  | 528.0  | 565.9  | 610.0  | 656.7  | 706.1  | 749.3  | 785.4  | 812.8  |
| 47.5° | 360.6  | 370.2  | 393.2  | 426.7  | 473.4  | 519.2  | 567.7  | 618.8  | 663.8  | 699.0  | 722.8  |
| 50°   | 284.7  | 297.1  | 317.3  | 352.6  | 399.3  | 447.8  | 498.1  | 548.3  | 590.6  | 620.6  | 641.8  |
| 52.5° | 223.9  | 235.4  | 254.7  | 291.8  | 339.4  | 387.9  | 434.6  | 484.0  | 521.0  | 550.1  | 564.2  |
| 55°   | 173.7  | 184.3  | 204.5  | 235.4  | 280.3  | 327.9  | 374.6  | 417.0  | 451.3  | 472.5  | 485.7  |
| 57.5° | 132.2  | 140.2  | 154.3  | 185.1  | 225.7  | 269.7  | 309.4  | 351.7  | 378.2  | 393.2  | 402.0  |
| 60°   | 100.5  | 106.7  | 121.7  | 145.5  | 182.5  | 220.4  | 253.9  | 285.6  | 306.8  | 319.1  | 327.9  |
| 62.5° | 75.8   | 82.9   | 93.4   | 113.7  | 141.9  | 172.8  | 201.0  | 224.8  | 242.4  | 250.4  | 256.5  |
| 65°   | 52.0   | 57.3   | 65.2   | 81.1   | 104.9  | 126.9  | 149.0  | 166.6  | 178.1  | 186.9  | 190.4  |
| 67.5° | 38.8   | 42.3   | 46.7   | 59.1   | 75.8   | 93.4   | 108.4  | 120.8  | 133.1  | 136.6  | 142.8  |
| 70°   | 29.1   | 31.7   | 36.1   | 45.0   | 54.6   | 67.0   | 79.4   | 86.4   | 95.2   | 101.4  | 103.2  |
| 72.5° | 18.5   | 19.4   | 23.8   | 29.1   | 37.0   | 45.0   | 52.9   | 59.1   | 64.4   | 67.9   | 69.6   |
| 75°   | 10.6   | 15.9   | 15.9   | 21.2   | 26.5   | 30.0   | 35.3   | 39.7   | 42.3   | 45.0   | 45.0   |
| 77.5° | 7.0    | 9.7    | 10.6   | 13.2   | 15.9   | 20.3   | 24.7   | 27.3   | 30.0   | 30.8   | 30.8   |
| 80°   | 6.2    | 7.0    | 7.0    | 9.7    | 11.5   | 15.0   | 17.6   | 18.5   | 20.3   | 21.2   | 22.9   |
| 82.5° | 2.6    | 3.5    | 4.4    | 7.0    | 7.9    | 7.9    | 10.6   | 11.5   | 13.2   | 14.1   | 14.1   |
| 85°   | 0.9    | 1.8    | 1.8    | 2.6    | 4.4    | 5.3    | 6.2    | 7.0    | 7.9    | 7.9    | 8.8    |
| 87.5° | 0.9    | 0.9    | 0.0    | 0.9    | 1.8    | 1.8    | 3.5    | 3.5    | 3.5    | 5.3    | 5.3    |
| 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: P245979

CATALOG NUMBER: LD8B30D010 ER8B30840 8LBSW0MW

**CANDELA DISTRIBUTION (continued):**

|       | 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|-------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1805.3 | 1805.3 | 1805.3 | 1805.3 | 1805.3 | 1805.3 | 1805.3 |
| 2.5°  | 1789.5 | 1790.4 | 1786.8 | 1786.0 | 1784.2 | 1785.1 | 1786.8 |
| 5°    | 1756.9 | 1757.7 | 1754.2 | 1750.7 | 1750.7 | 1749.8 | 1750.7 |
| 7.5°  | 1726.0 | 1726.9 | 1721.6 | 1719.8 | 1716.3 | 1717.2 | 1717.2 |
| 10°   | 1695.2 | 1695.2 | 1687.2 | 1686.3 | 1683.7 | 1682.8 | 1682.8 |
| 12.5° | 1665.2 | 1662.5 | 1656.4 | 1652.8 | 1654.6 | 1649.3 | 1649.3 |
| 15°   | 1638.7 | 1634.3 | 1626.4 | 1623.7 | 1619.4 | 1617.6 | 1617.6 |
| 17.5° | 1611.4 | 1607.9 | 1600.8 | 1595.6 | 1590.3 | 1589.4 | 1590.3 |
| 20°   | 1585.0 | 1581.4 | 1572.6 | 1569.1 | 1564.7 | 1564.7 | 1562.9 |
| 22.5° | 1558.5 | 1555.0 | 1547.1 | 1544.4 | 1538.3 | 1538.3 | 1539.1 |
| 25°   | 1531.2 | 1528.5 | 1519.7 | 1518.0 | 1517.1 | 1513.5 | 1515.3 |
| 27.5° | 1494.2 | 1492.4 | 1485.4 | 1482.7 | 1479.2 | 1478.3 | 1480.1 |
| 30°   | 1426.3 | 1423.6 | 1418.4 | 1415.7 | 1409.6 | 1410.4 | 1412.2 |
| 32.5° | 1341.7 | 1338.2 | 1331.1 | 1328.4 | 1323.2 | 1321.4 | 1322.3 |
| 35°   | 1235.9 | 1233.3 | 1227.1 | 1227.1 | 1221.8 | 1220.0 | 1221.8 |
| 37.5° | 1128.4 | 1131.0 | 1128.4 | 1131.0 | 1128.4 | 1127.5 | 1128.4 |
| 40°   | 1027.0 | 1036.7 | 1038.4 | 1048.1 | 1044.6 | 1049.9 | 1049.0 |
| 42.5° | 930.0  | 945.9  | 952.1  | 960.0  | 958.2  | 961.7  | 964.4  |
| 45°   | 832.1  | 845.4  | 851.5  | 856.8  | 857.7  | 859.5  | 860.4  |
| 47.5° | 739.6  | 750.2  | 751.0  | 757.2  | 756.3  | 756.3  | 759.0  |
| 50°   | 653.2  | 660.3  | 662.0  | 666.4  | 662.9  | 661.1  | 662.0  |
| 52.5° | 573.0  | 580.0  | 578.3  | 580.0  | 575.6  | 573.9  | 574.7  |
| 55°   | 491.0  | 494.5  | 494.5  | 494.5  | 489.3  | 489.3  | 489.3  |
| 57.5° | 407.3  | 408.2  | 406.4  | 407.3  | 406.4  | 401.1  | 400.2  |
| 60°   | 330.6  | 330.6  | 329.7  | 330.6  | 327.9  | 325.3  | 325.3  |
| 62.5° | 258.3  | 260.0  | 263.6  | 260.0  | 258.3  | 260.0  | 257.4  |
| 65°   | 193.1  | 196.6  | 195.7  | 197.5  | 196.6  | 196.6  | 194.8  |
| 67.5° | 145.5  | 146.3  | 147.2  | 148.1  | 148.1  | 148.1  | 148.1  |
| 70°   | 106.7  | 109.3  | 108.4  | 108.4  | 108.4  | 108.4  | 113.7  |
| 72.5° | 71.4   | 74.9   | 74.1   | 75.8   | 75.8   | 77.6   | 75.8   |
| 75°   | 48.5   | 52.0   | 50.3   | 52.9   | 52.0   | 50.3   | 54.6   |
| 77.5° | 32.6   | 34.4   | 35.3   | 36.1   | 35.3   | 34.4   | 35.3   |
| 80°   | 22.9   | 24.7   | 23.8   | 24.7   | 24.7   | 24.7   | 25.6   |
| 82.5° | 14.1   | 16.8   | 15.9   | 16.8   | 15.9   | 16.8   | 16.8   |
| 85°   | 9.7    | 10.6   | 8.8    | 10.6   | 9.7    | 9.7    | 11.5   |
| 87.5° | 6.2    | 5.3    | 5.3    | 6.2    | 5.3    | 6.2    | 5.3    |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

(END OF REPORT)