

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: P245961

Luminaire Tested: **LD8B30D010 ER8B30827 8LBSW0MW**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P245961
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 ER8B30827 8LBSW0MW
Description: PORTFOLIO 8 INCH SINGLE WALL WASH DISTRIBUTION 60 DEGREE CUTOFF
RECESSED DOWNLIGHT
80 CRI 2700 CCT WITH MATTE WHITE TRIM
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2872.0 lumens
Efficiency: N/A
Efficacy: 106.0 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

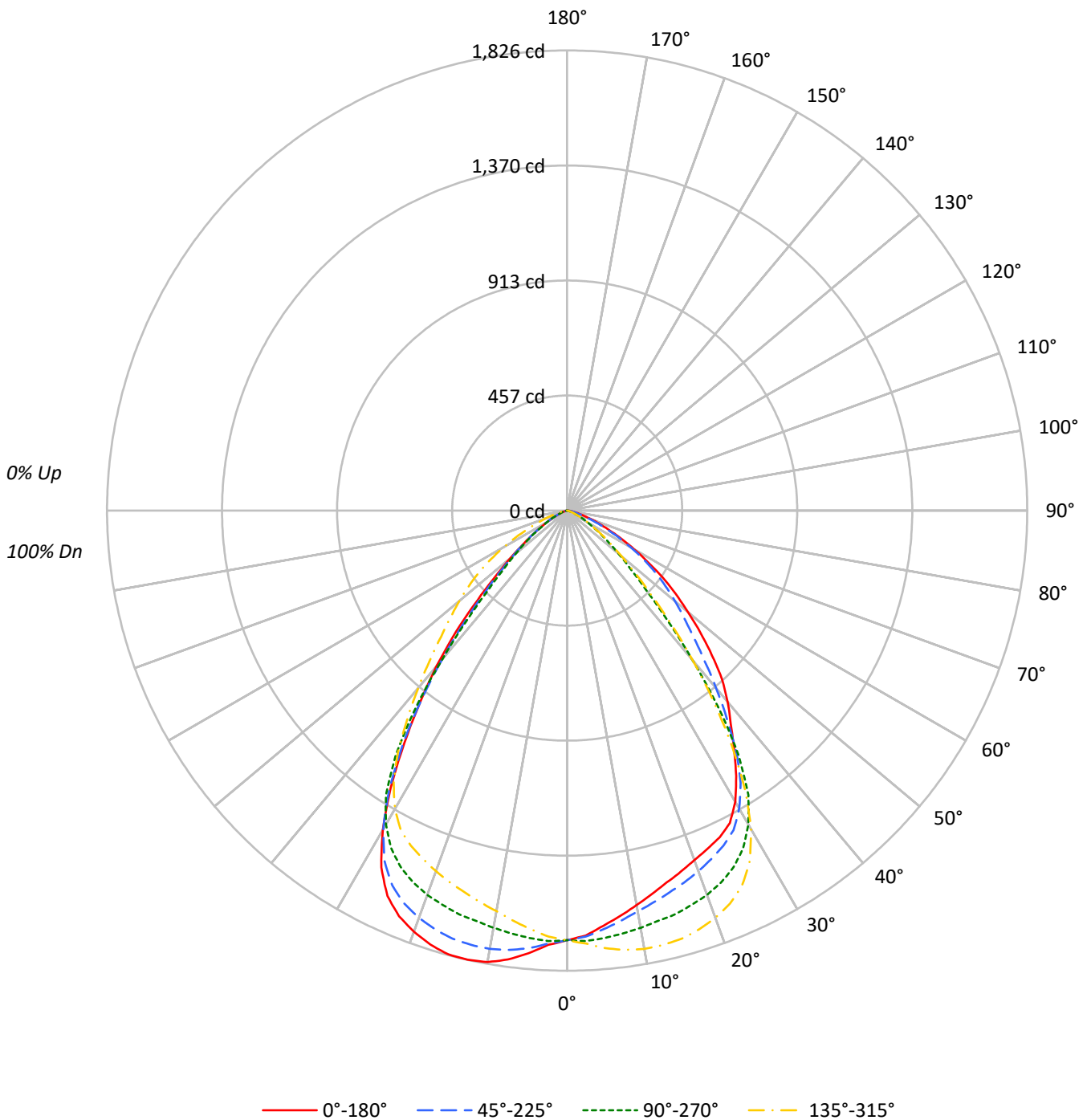
Input Watts (W): 27.1
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P245961

CATALOG NUMBER: LD8B30D010 ER8B30827 8LBSW0MW

Luminous Intensity Polar Plot





TEST NUMBER: P245961

CATALOG NUMBER: LD8B30D010 ER8B30827 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° | 52576 | 52576 | 52576 | 52576 |
| 5° | 51180 | 52699 | 54581 | 52699 |
| 10° | 49764 | 52632 | 56960 | 52632 |
| 15° | 48770 | 52943 | 58204 | 52943 |
| 20° | 48439 | 53246 | 58355 | 53246 |
| 25° | 48692 | 53139 | 57416 | 53139 |
| 30° | 47489 | 51195 | 52114 | 51195 |
| 35° | 43438 | 44657 | 42372 | 44657 |
| 40° | 39880 | 31064 | 32441 | 31064 |
| 45° | 35437 | 18953 | 21927 | 18953 |
| 50° | 29993 | 12660 | 14061 | 12660 |
| 55° | 24843 | 8639 | 9129 | 8639 |
| 60° | 18946 | 5748 | 5803 | 5748 |
| 65° | 13426 | 3583 | 3283 | 3583 |
| 70° | 9683 | 2398 | 2182 | 2398 |
| 75° | 6148 | 1191 | 989 | 1191 |
| 80° | 4297 | 888 | 728 | 888 |
| 85° | 3821 | 0 | 283 | 0 |



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 162.3 | 5.7 |
| 10°-20° | 469.9 | 16.4 |
| 20°-30° | 711.6 | 24.8 |
| 30°-40° | 713.2 | 24.8 |
| 40°-50° | 447.9 | 15.6 |
| 50°-60° | 238.7 | 8.3 |
| 60°-70° | 98.1 | 3.4 |
| 70°-80° | 25.9 | 0.9 |
| 80°-90° | 4.4 | 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° | 1343.8 | 46.8 |
| 0°-40° | 2057.0 | 71.6 |
| 0°-60° | 2743.5 | 95.5 |
| 0°-90° | 2872.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 2872.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0° | 1705 | 1705 | 1705 | 1705 | 1705 | |
| 5° | 1653 | 1702 | 1763 | 1702 | 1653 | 156 |
| 15° | 1528 | 1658 | 1823 | 1658 | 1528 | 432 |
| 25° | 1431 | 1562 | 1688 | 1562 | 1431 | 656 |
| 35° | 1154 | 1186 | 1126 | 1186 | 1154 | 723 |
| 45° | 813 | 435 | 503 | 435 | 813 | 625 |
| 55° | 462 | 161 | 170 | 161 | 462 | 412 |
| 65° | 184 | 49 | 45 | 49 | 184 | 191 |
| 75° | 52 | 10 | 8 | 10 | 52 | 58 |
| 85° | 11 | 0 | 1 | 0 | 11 | 12 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P245961

CATALOG NUMBER: LD8B30D010 ER8B30827 8LBSW0MW

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1705.0 | 1705.0 | 1705.0 | 1705.0 | 1705.0 | 1705.0 | 1705.0 | 1705.0 | 1705.0 | 1705.0 | 1705.0 |
| 2.5° | 1687.5 | 1685.9 | 1685.0 | 1686.7 | 1687.5 | 1690.9 | 1690.0 | 1691.7 | 1691.7 | 1692.5 | 1694.2 |
| 5° | 1653.4 | 1652.6 | 1653.4 | 1653.4 | 1656.7 | 1660.1 | 1659.2 | 1661.7 | 1663.4 | 1667.6 | 1669.2 |
| 7.5° | 1621.8 | 1621.8 | 1620.9 | 1624.2 | 1625.9 | 1630.9 | 1630.1 | 1634.3 | 1636.8 | 1640.9 | 1646.7 |
| 10° | 1589.3 | 1589.3 | 1590.1 | 1592.6 | 1593.5 | 1600.9 | 1600.9 | 1606.8 | 1610.1 | 1614.3 | 1621.8 |
| 12.5° | 1557.7 | 1557.7 | 1562.7 | 1561.0 | 1564.3 | 1570.1 | 1572.6 | 1578.5 | 1583.5 | 1591.8 | 1599.3 |
| 15° | 1527.7 | 1527.7 | 1529.4 | 1533.5 | 1536.0 | 1543.5 | 1547.7 | 1554.3 | 1560.2 | 1568.5 | 1579.3 |
| 17.5° | 1501.9 | 1501.1 | 1501.9 | 1506.9 | 1511.9 | 1518.5 | 1521.9 | 1530.2 | 1536.0 | 1546.8 | 1556.8 |
| 20° | 1476.1 | 1477.8 | 1477.8 | 1481.9 | 1485.2 | 1493.6 | 1496.9 | 1506.1 | 1512.7 | 1522.7 | 1534.4 |
| 22.5° | 1453.6 | 1452.8 | 1452.8 | 1458.6 | 1461.1 | 1468.6 | 1471.9 | 1480.2 | 1487.7 | 1496.1 | 1506.9 |
| 25° | 1431.1 | 1429.4 | 1432.8 | 1433.6 | 1435.3 | 1443.6 | 1446.1 | 1451.9 | 1459.4 | 1466.9 | 1477.8 |
| 27.5° | 1397.8 | 1396.2 | 1397.0 | 1400.3 | 1402.8 | 1409.5 | 1411.1 | 1417.0 | 1422.8 | 1429.4 | 1438.6 |
| 30° | 1333.7 | 1332.0 | 1331.2 | 1337.1 | 1339.6 | 1344.5 | 1347.0 | 1357.0 | 1358.7 | 1366.2 | 1372.8 |
| 32.5° | 1248.8 | 1248.0 | 1249.6 | 1254.6 | 1257.1 | 1263.8 | 1267.1 | 1272.9 | 1277.1 | 1281.3 | 1287.9 |
| 35° | 1153.9 | 1152.2 | 1153.9 | 1158.9 | 1158.9 | 1164.7 | 1167.2 | 1169.7 | 1168.9 | 1169.7 | 1168.0 |
| 37.5° | 1065.7 | 1064.8 | 1065.7 | 1068.1 | 1065.7 | 1068.1 | 1065.7 | 1060.6 | 1051.5 | 1041.5 | 1031.5 |
| 40° | 990.7 | 991.5 | 986.6 | 989.9 | 980.7 | 979.1 | 969.9 | 957.4 | 939.1 | 919.1 | 890.8 |
| 42.5° | 910.8 | 908.3 | 905.0 | 906.6 | 899.1 | 893.3 | 878.3 | 862.5 | 839.2 | 805.9 | 771.7 |
| 45° | 812.6 | 811.7 | 810.1 | 809.2 | 804.2 | 798.4 | 785.9 | 767.6 | 741.8 | 707.7 | 666.8 |
| 47.5° | 716.8 | 714.3 | 714.3 | 715.1 | 709.3 | 708.5 | 698.5 | 682.7 | 660.2 | 626.9 | 584.4 |
| 50° | 625.2 | 624.4 | 626.1 | 629.4 | 625.2 | 623.6 | 616.9 | 606.1 | 586.1 | 557.8 | 517.8 |
| 52.5° | 542.8 | 542.0 | 543.7 | 547.8 | 546.1 | 547.8 | 541.2 | 532.8 | 519.5 | 492.0 | 457.1 |
| 55° | 462.1 | 462.1 | 462.1 | 467.0 | 467.0 | 467.0 | 463.7 | 458.7 | 446.2 | 426.3 | 393.8 |
| 57.5° | 378.0 | 378.8 | 383.8 | 384.6 | 383.8 | 385.5 | 384.6 | 379.6 | 371.3 | 357.2 | 332.2 |
| 60° | 307.2 | 307.2 | 309.7 | 312.2 | 311.4 | 312.2 | 312.2 | 309.7 | 301.4 | 289.7 | 269.8 |
| 62.5° | 243.1 | 245.6 | 243.9 | 245.6 | 248.9 | 245.6 | 243.9 | 242.3 | 236.4 | 228.9 | 212.3 |
| 65° | 184.0 | 185.7 | 185.7 | 186.5 | 184.8 | 185.7 | 182.3 | 179.8 | 176.5 | 168.2 | 157.4 |
| 67.5° | 139.9 | 139.9 | 139.9 | 139.9 | 139.0 | 138.2 | 137.4 | 134.9 | 129.1 | 125.7 | 114.0 |
| 70° | 107.4 | 102.4 | 102.4 | 102.4 | 102.4 | 103.2 | 100.7 | 97.4 | 95.7 | 89.9 | 81.6 |
| 72.5° | 71.6 | 73.3 | 71.6 | 71.6 | 69.9 | 70.8 | 67.4 | 65.8 | 64.1 | 60.8 | 55.8 |
| 75° | 51.6 | 47.5 | 49.1 | 50.0 | 47.5 | 49.1 | 45.8 | 42.5 | 42.5 | 40.0 | 37.5 |
| 77.5° | 33.3 | 32.5 | 33.3 | 34.1 | 33.3 | 32.5 | 30.8 | 29.1 | 29.1 | 28.3 | 25.8 |
| 80° | 24.2 | 23.3 | 23.3 | 23.3 | 22.5 | 23.3 | 21.7 | 21.7 | 20.0 | 19.2 | 17.5 |
| 82.5° | 15.8 | 15.8 | 15.0 | 15.8 | 15.0 | 15.8 | 13.3 | 13.3 | 13.3 | 12.5 | 10.8 |
| 85° | 10.8 | 9.1 | 9.1 | 10.0 | 8.3 | 10.0 | 9.1 | 8.3 | 7.5 | 7.5 | 6.6 |
| 87.5° | 5.0 | 5.8 | 5.0 | 5.8 | 5.0 | 5.0 | 5.8 | 5.0 | 5.0 | 3.3 | 3.3 |
| 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: P245961

CATALOG NUMBER: LD8B30D010 ER8B30827 8LBSW0MW

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1705.0 | 1705.0 | 1705.0 | 1705.0 | 1705.0 | 1705.0 | 1705.0 | 1705.0 | 1705.0 | 1705.0 | 1705.0 |
| 2.5° | 1696.7 | 1697.5 | 1697.5 | 1700.9 | 1702.5 | 1703.3 | 1703.3 | 1710.0 | 1707.5 | 1709.2 | 1710.8 |
| 5° | 1672.6 | 1677.5 | 1679.2 | 1679.2 | 1688.4 | 1691.7 | 1695.0 | 1702.5 | 1703.3 | 1708.3 | 1714.2 |
| 7.5° | 1649.2 | 1655.1 | 1658.4 | 1665.9 | 1671.7 | 1677.5 | 1687.5 | 1692.5 | 1697.5 | 1704.2 | 1711.7 |
| 10° | 1626.7 | 1633.4 | 1640.1 | 1645.9 | 1655.1 | 1662.6 | 1669.2 | 1680.9 | 1686.7 | 1695.9 | 1705.8 |
| 12.5° | 1605.1 | 1614.3 | 1620.1 | 1630.1 | 1640.1 | 1646.7 | 1656.7 | 1667.6 | 1676.7 | 1685.9 | 1697.5 |
| 15° | 1586.0 | 1596.8 | 1603.4 | 1614.3 | 1625.1 | 1634.3 | 1645.1 | 1658.4 | 1665.1 | 1675.9 | 1686.7 |
| 17.5° | 1565.1 | 1576.8 | 1585.1 | 1595.1 | 1608.4 | 1618.4 | 1627.6 | 1640.9 | 1649.2 | 1660.9 | 1673.4 |
| 20° | 1543.5 | 1555.2 | 1565.1 | 1575.1 | 1588.5 | 1598.4 | 1609.3 | 1622.6 | 1631.8 | 1643.4 | 1653.4 |
| 22.5° | 1517.7 | 1528.5 | 1539.3 | 1551.0 | 1564.3 | 1572.6 | 1585.1 | 1596.8 | 1606.8 | 1617.6 | 1627.6 |
| 25° | 1484.4 | 1497.7 | 1506.1 | 1516.9 | 1527.7 | 1536.8 | 1550.2 | 1561.8 | 1570.1 | 1580.1 | 1589.3 |
| 27.5° | 1445.3 | 1455.3 | 1461.9 | 1471.1 | 1481.9 | 1490.2 | 1500.2 | 1511.9 | 1520.2 | 1529.4 | 1536.0 |
| 30° | 1378.7 | 1387.8 | 1393.7 | 1400.3 | 1411.1 | 1418.6 | 1427.0 | 1437.8 | 1443.6 | 1450.3 | 1456.1 |
| 32.5° | 1291.2 | 1298.7 | 1302.1 | 1307.1 | 1314.6 | 1322.0 | 1328.7 | 1337.9 | 1340.4 | 1344.5 | 1344.5 |
| 35° | 1164.7 | 1166.4 | 1165.5 | 1167.2 | 1170.5 | 1174.7 | 1180.5 | 1186.3 | 1189.7 | 1189.7 | 1187.2 |
| 37.5° | 1016.5 | 1006.5 | 995.7 | 987.4 | 984.9 | 983.2 | 986.6 | 989.0 | 992.4 | 994.0 | 989.9 |
| 40° | 862.5 | 840.0 | 815.9 | 794.2 | 779.2 | 772.6 | 770.1 | 771.7 | 771.7 | 777.6 | 777.6 |
| 42.5° | 730.1 | 695.2 | 659.4 | 626.9 | 605.2 | 588.6 | 581.1 | 581.1 | 581.9 | 586.1 | 588.6 |
| 45° | 620.2 | 576.1 | 534.5 | 498.7 | 468.7 | 447.1 | 437.1 | 434.6 | 433.8 | 435.4 | 441.2 |
| 47.5° | 536.1 | 490.4 | 447.1 | 403.0 | 371.3 | 349.7 | 340.5 | 337.2 | 333.8 | 337.2 | 338.0 |
| 50° | 470.4 | 422.9 | 377.1 | 333.0 | 299.7 | 280.5 | 268.9 | 263.9 | 263.1 | 263.1 | 264.8 |
| 52.5° | 410.4 | 366.3 | 320.5 | 275.6 | 240.6 | 222.3 | 211.5 | 209.0 | 205.6 | 209.0 | 209.0 |
| 55° | 353.8 | 309.7 | 264.8 | 222.3 | 193.1 | 174.0 | 164.0 | 160.7 | 159.0 | 161.5 | 161.5 |
| 57.5° | 292.2 | 254.7 | 213.1 | 174.8 | 145.7 | 132.4 | 124.9 | 120.7 | 119.9 | 121.5 | 119.9 |
| 60° | 239.8 | 208.1 | 172.3 | 137.4 | 114.9 | 100.7 | 94.9 | 93.2 | 91.6 | 93.2 | 93.2 |
| 62.5° | 189.8 | 163.2 | 134.0 | 107.4 | 88.2 | 78.3 | 71.6 | 71.6 | 70.8 | 70.8 | 71.6 |
| 65° | 140.7 | 119.9 | 99.1 | 76.6 | 61.6 | 54.1 | 49.1 | 49.1 | 48.3 | 49.1 | 48.3 |
| 67.5° | 102.4 | 88.2 | 71.6 | 55.8 | 44.1 | 40.0 | 36.6 | 34.1 | 35.8 | 34.1 | 33.3 |
| 70° | 74.9 | 63.3 | 51.6 | 42.5 | 34.1 | 30.0 | 27.5 | 26.6 | 25.0 | 25.0 | 25.0 |
| 72.5° | 50.0 | 42.5 | 35.0 | 27.5 | 22.5 | 18.3 | 17.5 | 15.8 | 14.2 | 15.0 | 16.7 |
| 75° | 33.3 | 28.3 | 25.0 | 20.0 | 15.0 | 15.0 | 10.0 | 10.0 | 8.3 | 10.0 | 7.5 |
| 77.5° | 23.3 | 19.2 | 15.0 | 12.5 | 10.0 | 9.1 | 6.6 | 6.6 | 5.8 | 5.8 | 5.8 |
| 80° | 16.7 | 14.2 | 10.8 | 9.1 | 6.6 | 6.6 | 5.8 | 5.0 | 4.1 | 4.1 | 5.0 |
| 82.5° | 10.0 | 7.5 | 7.5 | 6.6 | 4.1 | 3.3 | 2.5 | 3.3 | 1.7 | 1.7 | 1.7 |
| 85° | 5.8 | 5.0 | 4.1 | 2.5 | 1.7 | 1.7 | 0.8 | 0.0 | 0.8 | 0.8 | 0.0 |
| 87.5° | 3.3 | 1.7 | 1.7 | 0.8 | 0.0 | 0.8 | 0.8 | 0.0 | 0.0 | 0.0 | 1.7 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P245961

CATALOG NUMBER: LD8B30D010 ER8B30827 8LBSW0MW

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1705.0 | 1705.0 | 1705.0 | 1705.0 | 1705.0 | 1705.0 | 1705.0 | 1705.0 | 1705.0 | 1705.0 | 1705.0 |
| 2.5° | 1715.0 | 1714.2 | 1715.8 | 1715.8 | 1720.8 | 1720.0 | 1722.5 | 1722.5 | 1720.8 | 1721.7 | 1725.0 |
| 5° | 1720.8 | 1723.3 | 1728.3 | 1732.5 | 1740.0 | 1743.3 | 1747.5 | 1751.7 | 1752.5 | 1755.0 | 1757.5 |
| 7.5° | 1720.8 | 1729.2 | 1735.0 | 1742.5 | 1752.5 | 1758.3 | 1767.5 | 1775.0 | 1778.3 | 1782.4 | 1787.4 |
| 10° | 1717.5 | 1725.8 | 1736.6 | 1745.0 | 1757.5 | 1766.6 | 1775.8 | 1787.4 | 1792.4 | 1799.1 | 1805.8 |
| 12.5° | 1710.8 | 1720.0 | 1731.6 | 1742.5 | 1756.6 | 1764.9 | 1776.6 | 1787.4 | 1794.9 | 1804.1 | 1811.6 |
| 15° | 1700.9 | 1711.7 | 1722.5 | 1733.3 | 1748.3 | 1758.3 | 1769.1 | 1781.6 | 1789.1 | 1799.1 | 1805.8 |
| 17.5° | 1685.0 | 1696.7 | 1706.7 | 1716.7 | 1730.8 | 1742.5 | 1752.5 | 1764.1 | 1771.6 | 1780.0 | 1789.1 |
| 20° | 1665.9 | 1676.7 | 1687.5 | 1695.9 | 1710.0 | 1720.0 | 1730.8 | 1741.6 | 1747.5 | 1749.2 | 1763.3 |
| 22.5° | 1641.8 | 1649.2 | 1657.6 | 1670.9 | 1679.2 | 1688.4 | 1698.4 | 1708.3 | 1714.2 | 1723.3 | 1728.3 |
| 25° | 1601.8 | 1609.3 | 1618.4 | 1624.2 | 1634.3 | 1641.8 | 1651.7 | 1662.6 | 1665.9 | 1672.6 | 1677.5 |
| 27.5° | 1546.0 | 1550.2 | 1554.3 | 1559.3 | 1565.1 | 1569.3 | 1575.1 | 1580.1 | 1583.5 | 1586.8 | 1590.1 |
| 30° | 1457.7 | 1457.7 | 1457.7 | 1454.4 | 1456.9 | 1459.4 | 1460.2 | 1459.4 | 1459.4 | 1458.6 | 1458.6 |
| 32.5° | 1341.2 | 1334.5 | 1327.0 | 1320.4 | 1317.9 | 1314.6 | 1312.9 | 1310.4 | 1306.2 | 1303.7 | 1304.6 |
| 35° | 1183.8 | 1168.9 | 1159.7 | 1151.4 | 1144.7 | 1139.7 | 1137.2 | 1134.7 | 1133.9 | 1130.6 | 1127.2 |
| 37.5° | 987.4 | 976.6 | 969.9 | 964.9 | 959.1 | 954.1 | 954.9 | 955.8 | 958.2 | 956.6 | 957.4 |
| 40° | 779.2 | 776.7 | 779.2 | 773.4 | 771.7 | 773.4 | 777.6 | 783.4 | 786.7 | 790.1 | 795.9 |
| 42.5° | 592.8 | 596.9 | 602.8 | 602.8 | 605.2 | 608.6 | 613.6 | 622.7 | 627.7 | 633.5 | 640.2 |
| 45° | 446.2 | 451.2 | 458.7 | 461.2 | 462.9 | 467.0 | 472.9 | 480.4 | 483.7 | 488.7 | 494.5 |
| 47.5° | 343.8 | 347.2 | 351.3 | 355.5 | 359.6 | 361.3 | 367.1 | 367.1 | 371.3 | 374.6 | 376.3 |
| 50° | 268.1 | 271.4 | 274.7 | 277.2 | 278.9 | 281.4 | 283.0 | 285.6 | 286.4 | 288.1 | 288.9 |
| 52.5° | 209.8 | 214.0 | 214.0 | 215.6 | 218.1 | 220.6 | 219.8 | 220.6 | 221.4 | 221.4 | 223.9 |
| 55° | 164.0 | 164.0 | 166.5 | 166.5 | 168.2 | 167.3 | 168.2 | 168.2 | 168.2 | 168.2 | 169.0 |
| 57.5° | 122.4 | 123.2 | 125.7 | 124.0 | 123.2 | 124.9 | 123.2 | 124.9 | 124.0 | 125.7 | 123.2 |
| 60° | 94.1 | 94.1 | 94.9 | 94.9 | 95.7 | 95.7 | 95.7 | 94.9 | 94.9 | 94.1 | 94.1 |
| 62.5° | 70.8 | 71.6 | 72.4 | 71.6 | 71.6 | 71.6 | 70.8 | 70.8 | 69.9 | 69.1 | 69.1 |
| 65° | 47.5 | 46.6 | 48.3 | 46.6 | 47.5 | 47.5 | 46.6 | 47.5 | 45.0 | 45.8 | 45.0 |
| 67.5° | 34.1 | 33.3 | 32.5 | 33.3 | 32.5 | 31.6 | 31.6 | 32.5 | 33.3 | 30.8 | 30.8 |
| 70° | 22.5 | 23.3 | 22.5 | 23.3 | 24.2 | 24.2 | 23.3 | 22.5 | 23.3 | 21.7 | 22.5 |
| 72.5° | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 15.0 | 15.0 | 15.0 | 13.3 | 13.3 | 12.5 |
| 75° | 6.6 | 9.1 | 7.5 | 6.6 | 9.1 | 9.1 | 8.3 | 8.3 | 7.5 | 7.5 | 7.5 |
| 77.5° | 6.6 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 4.1 | 5.0 | 4.1 |
| 80° | 3.3 | 3.3 | 3.3 | 2.5 | 3.3 | 3.3 | 4.1 | 3.3 | 3.3 | 2.5 | 4.1 |
| 82.5° | 1.7 | 1.7 | 1.7 | 0.0 | 0.8 | 1.7 | 1.7 | 0.8 | 1.7 | 1.7 | 0.8 |
| 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: P245961

CATALOG NUMBER: LD8B30D010 ER8B30827 8LBSW0MW

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1705.0 | 1705.0 | 1705.0 | 1705.0 | 1705.0 | 1705.0 | 1705.0 | 1705.0 | 1705.0 | 1705.0 | 1705.0 |
| 2.5° | 1724.2 | 1723.3 | 1724.2 | 1725.0 | 1724.2 | 1723.3 | 1724.2 | 1725.0 | 1721.7 | 1720.8 | 1722.5 |
| 5° | 1760.8 | 1760.8 | 1762.4 | 1763.3 | 1762.4 | 1760.8 | 1760.8 | 1757.5 | 1755.0 | 1752.5 | 1751.7 |
| 7.5° | 1792.4 | 1794.1 | 1795.8 | 1796.6 | 1795.8 | 1794.1 | 1792.4 | 1787.4 | 1782.4 | 1778.3 | 1775.0 |
| 10° | 1811.6 | 1814.1 | 1817.4 | 1819.1 | 1817.4 | 1814.1 | 1811.6 | 1805.8 | 1799.1 | 1792.4 | 1787.4 |
| 12.5° | 1819.9 | 1822.4 | 1826.6 | 1825.7 | 1826.6 | 1822.4 | 1819.9 | 1811.6 | 1804.1 | 1794.9 | 1787.4 |
| 15° | 1814.1 | 1817.4 | 1821.6 | 1823.2 | 1821.6 | 1817.4 | 1814.1 | 1805.8 | 1799.1 | 1789.1 | 1781.6 |
| 17.5° | 1795.8 | 1800.8 | 1803.3 | 1805.8 | 1803.3 | 1800.8 | 1795.8 | 1789.1 | 1780.0 | 1771.6 | 1764.1 |
| 20° | 1770.8 | 1774.1 | 1777.5 | 1778.3 | 1777.5 | 1774.1 | 1770.8 | 1763.3 | 1749.2 | 1747.5 | 1741.6 |
| 22.5° | 1735.0 | 1737.5 | 1745.0 | 1742.5 | 1745.0 | 1737.5 | 1735.0 | 1728.3 | 1723.3 | 1714.2 | 1708.3 |
| 25° | 1683.4 | 1685.9 | 1686.7 | 1687.5 | 1686.7 | 1685.9 | 1683.4 | 1677.5 | 1672.6 | 1665.9 | 1662.6 |
| 27.5° | 1594.3 | 1594.3 | 1595.9 | 1596.8 | 1595.9 | 1594.3 | 1594.3 | 1590.1 | 1586.8 | 1583.5 | 1580.1 |
| 30° | 1459.4 | 1459.4 | 1459.4 | 1463.6 | 1459.4 | 1459.4 | 1459.4 | 1458.6 | 1458.6 | 1459.4 | 1459.4 |
| 32.5° | 1303.7 | 1302.1 | 1300.4 | 1302.1 | 1300.4 | 1302.1 | 1303.7 | 1304.6 | 1303.7 | 1306.2 | 1310.4 |
| 35° | 1127.2 | 1126.4 | 1128.9 | 1125.6 | 1128.9 | 1126.4 | 1127.2 | 1127.2 | 1130.6 | 1133.9 | 1134.7 |
| 37.5° | 958.2 | 956.6 | 959.9 | 956.6 | 959.9 | 956.6 | 958.2 | 957.4 | 956.6 | 958.2 | 955.8 |
| 40° | 797.6 | 799.2 | 799.2 | 805.9 | 799.2 | 799.2 | 797.6 | 795.9 | 790.1 | 786.7 | 783.4 |
| 42.5° | 643.5 | 648.5 | 646.9 | 651.9 | 646.9 | 648.5 | 643.5 | 640.2 | 633.5 | 627.7 | 622.7 |
| 45° | 497.8 | 501.2 | 501.2 | 502.8 | 501.2 | 501.2 | 497.8 | 494.5 | 488.7 | 483.7 | 480.4 |
| 47.5° | 382.1 | 382.1 | 382.1 | 383.0 | 382.1 | 382.1 | 382.1 | 376.3 | 374.6 | 371.3 | 367.1 |
| 50° | 290.6 | 291.4 | 292.2 | 293.1 | 292.2 | 291.4 | 290.6 | 288.9 | 288.1 | 286.4 | 285.6 |
| 52.5° | 223.1 | 223.9 | 222.3 | 223.9 | 222.3 | 223.9 | 223.1 | 223.9 | 221.4 | 221.4 | 220.6 |
| 55° | 169.0 | 168.2 | 169.0 | 169.8 | 169.0 | 168.2 | 169.0 | 169.0 | 168.2 | 168.2 | 168.2 |
| 57.5° | 124.0 | 122.4 | 122.4 | 122.4 | 122.4 | 122.4 | 124.0 | 123.2 | 125.7 | 124.0 | 124.9 |
| 60° | 92.4 | 93.2 | 93.2 | 94.1 | 93.2 | 93.2 | 92.4 | 94.1 | 94.1 | 94.9 | 94.9 |
| 62.5° | 68.3 | 70.8 | 69.1 | 70.8 | 69.1 | 70.8 | 68.3 | 69.1 | 69.1 | 69.9 | 70.8 |
| 65° | 44.1 | 44.1 | 44.1 | 45.0 | 44.1 | 44.1 | 44.1 | 45.0 | 45.8 | 45.0 | 47.5 |
| 67.5° | 30.0 | 30.8 | 32.5 | 31.6 | 32.5 | 30.8 | 30.0 | 30.8 | 30.8 | 33.3 | 32.5 |
| 70° | 24.2 | 21.7 | 21.7 | 24.2 | 21.7 | 21.7 | 24.2 | 22.5 | 21.7 | 23.3 | 22.5 |
| 72.5° | 14.2 | 12.5 | 14.2 | 14.2 | 14.2 | 12.5 | 14.2 | 12.5 | 13.3 | 13.3 | 15.0 |
| 75° | 7.5 | 6.6 | 5.8 | 8.3 | 5.8 | 6.6 | 7.5 | 7.5 | 7.5 | 7.5 | 8.3 |
| 77.5° | 5.0 | 4.1 | 5.8 | 5.8 | 5.8 | 4.1 | 5.0 | 4.1 | 5.0 | 4.1 | 5.0 |
| 80° | 2.5 | 3.3 | 2.5 | 4.1 | 2.5 | 3.3 | 2.5 | 4.1 | 2.5 | 3.3 | 3.3 |
| 82.5° | 0.8 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 0.8 | 0.8 | 1.7 | 1.7 | 0.8 |
| 85° | 0.0 | 1.7 | 0.8 | 0.8 | 0.8 | 1.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 0.8 | 0.0 | 0.0 | 0.8 | 0.0 | 0.0 | 0.8 | 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: P245961

CATALOG NUMBER: LD8B30D010 ER8B30827 8LBSW0MW

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1705.0 | 1705.0 | 1705.0 | 1705.0 | 1705.0 | 1705.0 | 1705.0 | 1705.0 | 1705.0 | 1705.0 | 1705.0 |
| 2.5° | 1722.5 | 1720.0 | 1720.8 | 1715.8 | 1715.8 | 1714.2 | 1715.0 | 1710.8 | 1709.2 | 1707.5 | 1710.0 |
| 5° | 1747.5 | 1743.3 | 1740.0 | 1732.5 | 1728.3 | 1723.3 | 1720.8 | 1714.2 | 1708.3 | 1703.3 | 1702.5 |
| 7.5° | 1767.5 | 1758.3 | 1752.5 | 1742.5 | 1735.0 | 1729.2 | 1720.8 | 1711.7 | 1704.2 | 1697.5 | 1692.5 |
| 10° | 1775.8 | 1766.6 | 1757.5 | 1745.0 | 1736.6 | 1725.8 | 1717.5 | 1705.8 | 1695.9 | 1686.7 | 1680.9 |
| 12.5° | 1776.6 | 1764.9 | 1756.6 | 1742.5 | 1731.6 | 1720.0 | 1710.8 | 1697.5 | 1685.9 | 1676.7 | 1667.6 |
| 15° | 1769.1 | 1758.3 | 1748.3 | 1733.3 | 1722.5 | 1711.7 | 1700.9 | 1686.7 | 1675.9 | 1665.1 | 1658.4 |
| 17.5° | 1752.5 | 1742.5 | 1730.8 | 1716.7 | 1706.7 | 1696.7 | 1685.0 | 1673.4 | 1660.9 | 1649.2 | 1640.9 |
| 20° | 1730.8 | 1720.0 | 1710.0 | 1695.9 | 1687.5 | 1676.7 | 1665.9 | 1653.4 | 1643.4 | 1631.8 | 1622.6 |
| 22.5° | 1698.4 | 1688.4 | 1679.2 | 1670.9 | 1657.6 | 1649.2 | 1641.8 | 1627.6 | 1617.6 | 1606.8 | 1596.8 |
| 25° | 1651.7 | 1641.8 | 1634.3 | 1624.2 | 1618.4 | 1609.3 | 1601.8 | 1589.3 | 1580.1 | 1570.1 | 1561.8 |
| 27.5° | 1575.1 | 1569.3 | 1565.1 | 1559.3 | 1554.3 | 1550.2 | 1546.0 | 1536.0 | 1529.4 | 1520.2 | 1511.9 |
| 30° | 1460.2 | 1459.4 | 1456.9 | 1454.4 | 1457.7 | 1457.7 | 1457.7 | 1456.1 | 1450.3 | 1443.6 | 1437.8 |
| 32.5° | 1312.9 | 1314.6 | 1317.9 | 1320.4 | 1327.0 | 1334.5 | 1341.2 | 1344.5 | 1344.5 | 1340.4 | 1337.9 |
| 35° | 1137.2 | 1139.7 | 1144.7 | 1151.4 | 1159.7 | 1168.9 | 1183.8 | 1187.2 | 1189.7 | 1189.7 | 1186.3 |
| 37.5° | 954.9 | 954.1 | 959.1 | 964.9 | 969.9 | 976.6 | 987.4 | 989.9 | 994.0 | 992.4 | 989.0 |
| 40° | 777.6 | 773.4 | 771.7 | 773.4 | 779.2 | 776.7 | 779.2 | 777.6 | 777.6 | 771.7 | 771.7 |
| 42.5° | 613.6 | 608.6 | 605.2 | 602.8 | 602.8 | 596.9 | 592.8 | 588.6 | 586.1 | 581.9 | 581.1 |
| 45° | 472.9 | 467.0 | 462.9 | 461.2 | 458.7 | 451.2 | 446.2 | 441.2 | 435.4 | 433.8 | 434.6 |
| 47.5° | 367.1 | 361.3 | 359.6 | 355.5 | 351.3 | 347.2 | 343.8 | 338.0 | 337.2 | 333.8 | 337.2 |
| 50° | 283.0 | 281.4 | 278.9 | 277.2 | 274.7 | 271.4 | 268.1 | 264.8 | 263.1 | 263.1 | 263.9 |
| 52.5° | 219.8 | 220.6 | 218.1 | 215.6 | 214.0 | 214.0 | 209.8 | 209.0 | 209.0 | 205.6 | 209.0 |
| 55° | 168.2 | 167.3 | 168.2 | 166.5 | 166.5 | 164.0 | 164.0 | 161.5 | 161.5 | 159.0 | 160.7 |
| 57.5° | 123.2 | 124.9 | 123.2 | 124.0 | 125.7 | 123.2 | 122.4 | 119.9 | 121.5 | 119.9 | 120.7 |
| 60° | 95.7 | 95.7 | 95.7 | 94.9 | 94.9 | 94.1 | 94.1 | 93.2 | 93.2 | 91.6 | 93.2 |
| 62.5° | 70.8 | 71.6 | 71.6 | 71.6 | 72.4 | 71.6 | 70.8 | 71.6 | 70.8 | 70.8 | 71.6 |
| 65° | 46.6 | 47.5 | 47.5 | 46.6 | 48.3 | 46.6 | 47.5 | 48.3 | 49.1 | 48.3 | 49.1 |
| 67.5° | 31.6 | 31.6 | 32.5 | 33.3 | 32.5 | 33.3 | 34.1 | 33.3 | 34.1 | 35.8 | 34.1 |
| 70° | 23.3 | 24.2 | 24.2 | 23.3 | 22.5 | 23.3 | 22.5 | 25.0 | 25.0 | 25.0 | 26.6 |
| 72.5° | 15.0 | 15.0 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 16.7 | 15.0 | 14.2 | 15.8 |
| 75° | 8.3 | 9.1 | 9.1 | 6.6 | 7.5 | 9.1 | 6.6 | 7.5 | 10.0 | 8.3 | 10.0 |
| 77.5° | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 6.6 | 5.8 | 5.8 | 5.8 | 6.6 |
| 80° | 4.1 | 3.3 | 3.3 | 2.5 | 3.3 | 3.3 | 3.3 | 5.0 | 4.1 | 4.1 | 5.0 |
| 82.5° | 1.7 | 1.7 | 0.8 | 0.0 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 3.3 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.8 | 0.8 | 0.0 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.7 | 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: P245961

CATALOG NUMBER: LD8B30D010 ER8B30827 8LBSW0MW

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1705.0 | 1705.0 | 1705.0 | 1705.0 | 1705.0 | 1705.0 | 1705.0 | 1705.0 | 1705.0 | 1705.0 | 1705.0 |
| 2.5° | 1703.3 | 1703.3 | 1702.5 | 1700.9 | 1697.5 | 1697.5 | 1696.7 | 1694.2 | 1692.5 | 1691.7 | 1691.7 |
| 5° | 1695.0 | 1691.7 | 1688.4 | 1679.2 | 1679.2 | 1677.5 | 1672.6 | 1669.2 | 1667.6 | 1663.4 | 1661.7 |
| 7.5° | 1687.5 | 1677.5 | 1671.7 | 1665.9 | 1658.4 | 1655.1 | 1649.2 | 1646.7 | 1640.9 | 1636.8 | 1634.3 |
| 10° | 1669.2 | 1662.6 | 1655.1 | 1645.9 | 1640.1 | 1633.4 | 1626.7 | 1621.8 | 1614.3 | 1610.1 | 1606.8 |
| 12.5° | 1656.7 | 1646.7 | 1640.1 | 1630.1 | 1620.1 | 1614.3 | 1605.1 | 1599.3 | 1591.8 | 1583.5 | 1578.5 |
| 15° | 1645.1 | 1634.3 | 1625.1 | 1614.3 | 1603.4 | 1596.8 | 1586.0 | 1579.3 | 1568.5 | 1560.2 | 1554.3 |
| 17.5° | 1627.6 | 1618.4 | 1608.4 | 1595.1 | 1585.1 | 1576.8 | 1565.1 | 1556.8 | 1546.8 | 1536.0 | 1530.2 |
| 20° | 1609.3 | 1598.4 | 1588.5 | 1575.1 | 1565.1 | 1555.2 | 1543.5 | 1534.4 | 1522.7 | 1512.7 | 1506.1 |
| 22.5° | 1585.1 | 1572.6 | 1564.3 | 1551.0 | 1539.3 | 1528.5 | 1517.7 | 1506.9 | 1496.1 | 1487.7 | 1480.2 |
| 25° | 1550.2 | 1536.8 | 1527.7 | 1516.9 | 1506.1 | 1497.7 | 1484.4 | 1477.8 | 1466.9 | 1459.4 | 1451.9 |
| 27.5° | 1500.2 | 1490.2 | 1481.9 | 1471.1 | 1461.9 | 1455.3 | 1445.3 | 1438.6 | 1429.4 | 1422.8 | 1417.0 |
| 30° | 1427.0 | 1418.6 | 1411.1 | 1400.3 | 1393.7 | 1387.8 | 1378.7 | 1372.8 | 1366.2 | 1358.7 | 1357.0 |
| 32.5° | 1328.7 | 1322.0 | 1314.6 | 1307.1 | 1302.1 | 1298.7 | 1291.2 | 1287.9 | 1281.3 | 1277.1 | 1272.9 |
| 35° | 1180.5 | 1174.7 | 1170.5 | 1167.2 | 1165.5 | 1166.4 | 1164.7 | 1168.0 | 1169.7 | 1168.9 | 1169.7 |
| 37.5° | 986.6 | 983.2 | 984.9 | 987.4 | 995.7 | 1006.5 | 1016.5 | 1031.5 | 1041.5 | 1051.5 | 1060.6 |
| 40° | 770.1 | 772.6 | 779.2 | 794.2 | 815.9 | 840.0 | 862.5 | 890.8 | 919.1 | 939.1 | 957.4 |
| 42.5° | 581.1 | 588.6 | 605.2 | 626.9 | 659.4 | 695.2 | 730.1 | 771.7 | 805.9 | 839.2 | 862.5 |
| 45° | 437.1 | 447.1 | 468.7 | 498.7 | 534.5 | 576.1 | 620.2 | 666.8 | 707.7 | 741.8 | 767.6 |
| 47.5° | 340.5 | 349.7 | 371.3 | 403.0 | 447.1 | 490.4 | 536.1 | 584.4 | 626.9 | 660.2 | 682.7 |
| 50° | 268.9 | 280.5 | 299.7 | 333.0 | 377.1 | 422.9 | 470.4 | 517.8 | 557.8 | 586.1 | 606.1 |
| 52.5° | 211.5 | 222.3 | 240.6 | 275.6 | 320.5 | 366.3 | 410.4 | 457.1 | 492.0 | 519.5 | 532.8 |
| 55° | 164.0 | 174.0 | 193.1 | 222.3 | 264.8 | 309.7 | 353.8 | 393.8 | 426.3 | 446.2 | 458.7 |
| 57.5° | 124.9 | 132.4 | 145.7 | 174.8 | 213.1 | 254.7 | 292.2 | 332.2 | 357.2 | 371.3 | 379.6 |
| 60° | 94.9 | 100.7 | 114.9 | 137.4 | 172.3 | 208.1 | 239.8 | 269.8 | 289.7 | 301.4 | 309.7 |
| 62.5° | 71.6 | 78.3 | 88.2 | 107.4 | 134.0 | 163.2 | 189.8 | 212.3 | 228.9 | 236.4 | 242.3 |
| 65° | 49.1 | 54.1 | 61.6 | 76.6 | 99.1 | 119.9 | 140.7 | 157.4 | 168.2 | 176.5 | 179.8 |
| 67.5° | 36.6 | 40.0 | 44.1 | 55.8 | 71.6 | 88.2 | 102.4 | 114.0 | 125.7 | 129.1 | 134.9 |
| 70° | 27.5 | 30.0 | 34.1 | 42.5 | 51.6 | 63.3 | 74.9 | 81.6 | 89.9 | 95.7 | 97.4 |
| 72.5° | 17.5 | 18.3 | 22.5 | 27.5 | 35.0 | 42.5 | 50.0 | 55.8 | 60.8 | 64.1 | 65.8 |
| 75° | 10.0 | 15.0 | 15.0 | 20.0 | 25.0 | 28.3 | 33.3 | 37.5 | 40.0 | 42.5 | 42.5 |
| 77.5° | 6.6 | 9.1 | 10.0 | 12.5 | 15.0 | 19.2 | 23.3 | 25.8 | 28.3 | 29.1 | 29.1 |
| 80° | 5.8 | 6.6 | 6.6 | 9.1 | 10.8 | 14.2 | 16.7 | 17.5 | 19.2 | 20.0 | 21.7 |
| 82.5° | 2.5 | 3.3 | 4.1 | 6.6 | 7.5 | 7.5 | 10.0 | 10.8 | 12.5 | 13.3 | 13.3 |
| 85° | 0.8 | 1.7 | 1.7 | 2.5 | 4.1 | 5.0 | 5.8 | 6.6 | 7.5 | 7.5 | 8.3 |
| 87.5° | 0.8 | 0.8 | 0.0 | 0.8 | 1.7 | 1.7 | 3.3 | 3.3 | 3.3 | 5.0 | 5.0 |
| 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: P245961

CATALOG NUMBER: LD8B30D010 ER8B30827 8LBSW0MW

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|-------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1705.0 | 1705.0 | 1705.0 | 1705.0 | 1705.0 | 1705.0 | 1705.0 |
| 2.5° | 1690.0 | 1690.9 | 1687.5 | 1686.7 | 1685.0 | 1685.9 | 1687.5 |
| 5° | 1659.2 | 1660.1 | 1656.7 | 1653.4 | 1653.4 | 1652.6 | 1653.4 |
| 7.5° | 1630.1 | 1630.9 | 1625.9 | 1624.2 | 1620.9 | 1621.8 | 1621.8 |
| 10° | 1600.9 | 1600.9 | 1593.5 | 1592.6 | 1590.1 | 1589.3 | 1589.3 |
| 12.5° | 1572.6 | 1570.1 | 1564.3 | 1561.0 | 1562.7 | 1557.7 | 1557.7 |
| 15° | 1547.7 | 1543.5 | 1536.0 | 1533.5 | 1529.4 | 1527.7 | 1527.7 |
| 17.5° | 1521.9 | 1518.5 | 1511.9 | 1506.9 | 1501.9 | 1501.1 | 1501.9 |
| 20° | 1496.9 | 1493.6 | 1485.2 | 1481.9 | 1477.8 | 1477.8 | 1476.1 |
| 22.5° | 1471.9 | 1468.6 | 1461.1 | 1458.6 | 1452.8 | 1452.8 | 1453.6 |
| 25° | 1446.1 | 1443.6 | 1435.3 | 1433.6 | 1432.8 | 1429.4 | 1431.1 |
| 27.5° | 1411.1 | 1409.5 | 1402.8 | 1400.3 | 1397.0 | 1396.2 | 1397.8 |
| 30° | 1347.0 | 1344.5 | 1339.6 | 1337.1 | 1331.2 | 1332.0 | 1333.7 |
| 32.5° | 1267.1 | 1263.8 | 1257.1 | 1254.6 | 1249.6 | 1248.0 | 1248.8 |
| 35° | 1167.2 | 1164.7 | 1158.9 | 1158.9 | 1153.9 | 1152.2 | 1153.9 |
| 37.5° | 1065.7 | 1068.1 | 1065.7 | 1068.1 | 1065.7 | 1064.8 | 1065.7 |
| 40° | 969.9 | 979.1 | 980.7 | 989.9 | 986.6 | 991.5 | 990.7 |
| 42.5° | 878.3 | 893.3 | 899.1 | 906.6 | 905.0 | 908.3 | 910.8 |
| 45° | 785.9 | 798.4 | 804.2 | 809.2 | 810.1 | 811.7 | 812.6 |
| 47.5° | 698.5 | 708.5 | 709.3 | 715.1 | 714.3 | 714.3 | 716.8 |
| 50° | 616.9 | 623.6 | 625.2 | 629.4 | 626.1 | 624.4 | 625.2 |
| 52.5° | 541.2 | 547.8 | 546.1 | 547.8 | 543.7 | 542.0 | 542.8 |
| 55° | 463.7 | 467.0 | 467.0 | 467.0 | 462.1 | 462.1 | 462.1 |
| 57.5° | 384.6 | 385.5 | 383.8 | 384.6 | 383.8 | 378.8 | 378.0 |
| 60° | 312.2 | 312.2 | 311.4 | 312.2 | 309.7 | 307.2 | 307.2 |
| 62.5° | 243.9 | 245.6 | 248.9 | 245.6 | 243.9 | 245.6 | 243.1 |
| 65° | 182.3 | 185.7 | 184.8 | 186.5 | 185.7 | 185.7 | 184.0 |
| 67.5° | 137.4 | 138.2 | 139.0 | 139.9 | 139.9 | 139.9 | 139.9 |
| 70° | 100.7 | 103.2 | 102.4 | 102.4 | 102.4 | 102.4 | 107.4 |
| 72.5° | 67.4 | 70.8 | 69.9 | 71.6 | 71.6 | 73.3 | 71.6 |
| 75° | 45.8 | 49.1 | 47.5 | 50.0 | 49.1 | 47.5 | 51.6 |
| 77.5° | 30.8 | 32.5 | 33.3 | 34.1 | 33.3 | 32.5 | 33.3 |
| 80° | 21.7 | 23.3 | 22.5 | 23.3 | 23.3 | 23.3 | 24.2 |
| 82.5° | 13.3 | 15.8 | 15.0 | 15.8 | 15.0 | 15.8 | 15.8 |
| 85° | 9.1 | 10.0 | 8.3 | 10.0 | 9.1 | 9.1 | 10.8 |
| 87.5° | 5.8 | 5.0 | 5.0 | 5.8 | 5.0 | 5.8 | 5.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)