

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: P244569

Luminaire Tested: **LD8B30D010 ER8B30940 8LBSW0H**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P244569
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 ER8B30940 8LBSW0H
Description: PORTFOLIO 8 INCH SINGLE WALL WASH DISTRIBUTION 60 DEGREE CUTOFF
RECESSED DOWNLIGHT
90 CRI 4000 CCT WITH SEMI-SPECULAR CLEAR TRIM
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2755.0 lumens
Efficiency: N/A
Efficacy: 101.7 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

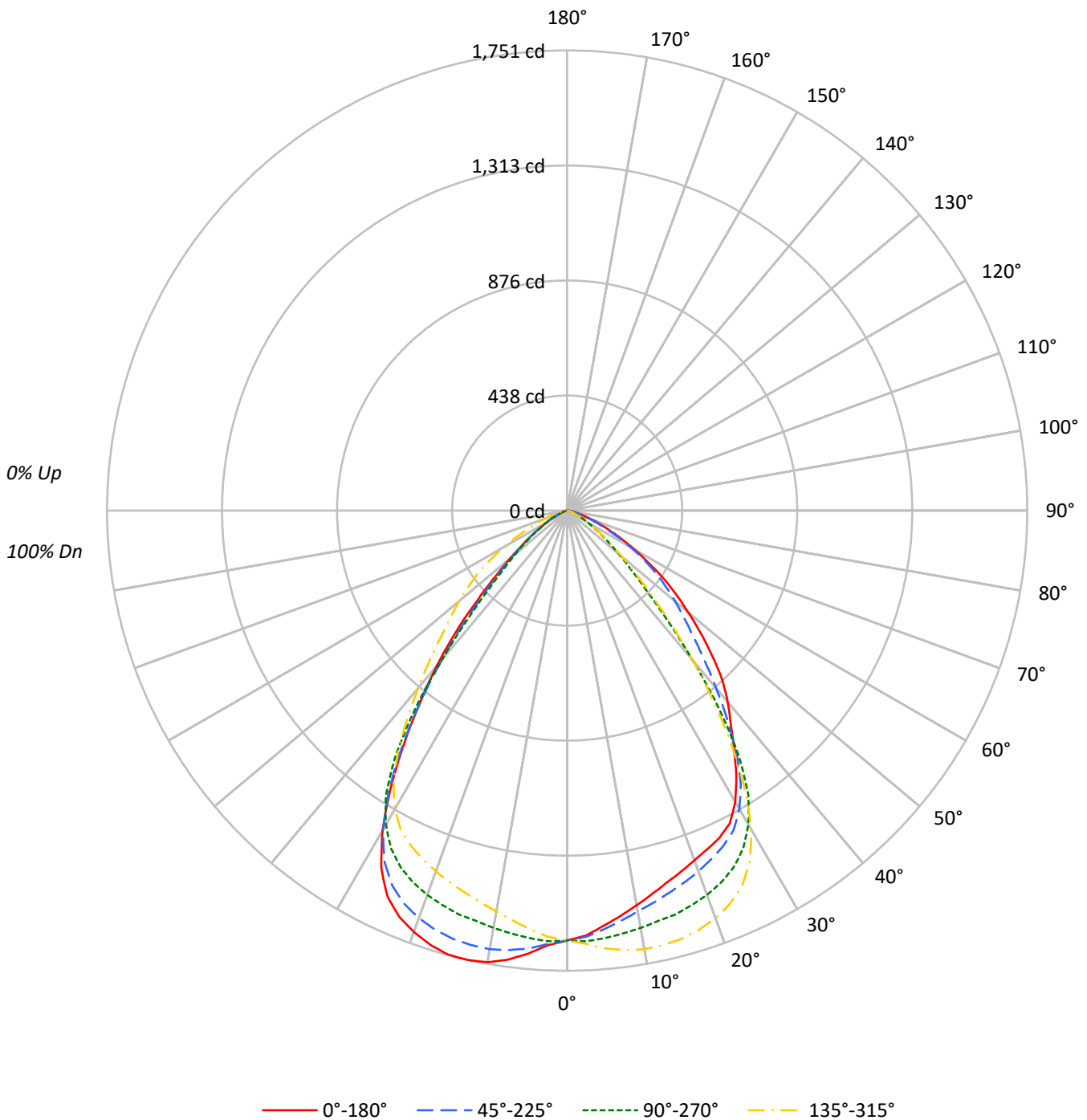
Input Watts (W): 27.1
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P244569

CATALOG NUMBER: LD8B30D010 ER8B30940 8LBSW0H

Luminous Intensity Polar Plot





TEST NUMBER: P244569

CATALOG NUMBER: LD8B30D010 ER8B30940 8LBSW0H

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° | 50436 | 50436 | 50436 | 50436 |
| 5° | 49096 | 50554 | 52359 | 50554 |
| 10° | 47735 | 50487 | 54639 | 50487 |
| 15° | 46782 | 50788 | 55835 | 50788 |
| 20° | 46463 | 51077 | 55976 | 51077 |
| 25° | 46708 | 50975 | 55078 | 50975 |
| 30° | 45555 | 49109 | 49992 | 49109 |
| 35° | 41668 | 42839 | 40644 | 42839 |
| 40° | 38253 | 29800 | 31120 | 29800 |
| 45° | 33989 | 18181 | 21037 | 18181 |
| 50° | 28769 | 12142 | 13485 | 12142 |
| 55° | 23827 | 8285 | 8758 | 8285 |
| 60° | 18175 | 5514 | 5563 | 5514 |
| 65° | 12878 | 3437 | 3145 | 3437 |
| 70° | 9286 | 2299 | 2092 | 2299 |
| 75° | 5898 | 1144 | 953 | 1144 |
| 80° | 4120 | 852 | 710 | 852 |
| 85° | 3680 | 0 | 283 | 0 |



TEST NUMBER: P244569

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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 155.7 | 5.7 |
| 10°-20° | 450.8 | 16.4 |
| 20°-30° | 682.6 | 24.8 |
| 30°-40° | 684.1 | 24.8 |
| 40°-50° | 429.6 | 15.6 |
| 50°-60° | 228.9 | 8.3 |
| 60°-70° | 94.1 | 3.4 |
| 70°-80° | 24.9 | 0.9 |
| 80°-90° | 4.2 | 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° | 1289.1 | 46.8 |
| 0°-40° | 1973.2 | 71.6 |
| 0°-60° | 2631.8 | 95.5 |
| 0°-90° | 2755.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 2755.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0° | 1636 | 1636 | 1636 | 1636 | 1636 | |
| 5° | 1586 | 1633 | 1692 | 1633 | 1586 | 150 |
| 15° | 1465 | 1591 | 1749 | 1591 | 1465 | 414 |
| 25° | 1373 | 1498 | 1619 | 1498 | 1373 | 630 |
| 35° | 1107 | 1138 | 1080 | 1138 | 1107 | 693 |
| 45° | 779 | 417 | 482 | 417 | 779 | 599 |
| 55° | 443 | 154 | 163 | 154 | 443 | 395 |
| 65° | 176 | 47 | 43 | 47 | 176 | 183 |
| 75° | 50 | 10 | 8 | 10 | 50 | 56 |
| 85° | 10 | 0 | 1 | 0 | 10 | 11 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P244569

CATALOG NUMBER: LD8B30D010 ER8B30940 8LBSWOH

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1635.6 | 1635.6 | 1635.6 | 1635.6 | 1635.6 | 1635.6 | 1635.6 | 1635.6 | 1635.6 | 1635.6 | 1635.6 |
| 2.5° | 1618.8 | 1617.2 | 1616.4 | 1618.0 | 1618.8 | 1622.0 | 1621.2 | 1622.8 | 1622.8 | 1623.6 | 1625.2 |
| 5° | 1586.1 | 1585.2 | 1586.1 | 1586.1 | 1589.2 | 1592.4 | 1591.6 | 1594.0 | 1595.6 | 1599.6 | 1601.2 |
| 7.5° | 1555.7 | 1555.7 | 1554.9 | 1558.1 | 1559.7 | 1564.5 | 1563.7 | 1567.7 | 1570.1 | 1574.1 | 1579.6 |
| 10° | 1524.5 | 1524.5 | 1525.3 | 1527.7 | 1528.6 | 1535.7 | 1535.7 | 1541.3 | 1544.5 | 1548.5 | 1555.7 |
| 12.5° | 1494.2 | 1494.2 | 1499.0 | 1497.4 | 1500.6 | 1506.2 | 1508.6 | 1514.2 | 1519.0 | 1526.9 | 1534.1 |
| 15° | 1465.4 | 1465.4 | 1467.1 | 1471.0 | 1473.4 | 1480.6 | 1484.6 | 1491.0 | 1496.6 | 1504.6 | 1515.0 |
| 17.5° | 1440.7 | 1439.9 | 1440.7 | 1445.5 | 1450.3 | 1456.7 | 1459.9 | 1467.8 | 1473.4 | 1483.8 | 1493.4 |
| 20° | 1415.9 | 1417.6 | 1417.6 | 1421.5 | 1424.7 | 1432.7 | 1435.9 | 1444.7 | 1451.1 | 1460.6 | 1471.9 |
| 22.5° | 1394.4 | 1393.6 | 1393.6 | 1399.2 | 1401.6 | 1408.7 | 1411.9 | 1419.9 | 1427.1 | 1435.1 | 1445.5 |
| 25° | 1372.8 | 1371.2 | 1374.4 | 1375.2 | 1376.8 | 1384.8 | 1387.2 | 1392.8 | 1400.0 | 1407.2 | 1417.6 |
| 27.5° | 1340.9 | 1339.3 | 1340.1 | 1343.3 | 1345.7 | 1352.0 | 1353.6 | 1359.2 | 1364.8 | 1371.2 | 1380.0 |
| 30° | 1279.4 | 1277.8 | 1277.0 | 1282.6 | 1285.0 | 1289.7 | 1292.1 | 1301.7 | 1303.3 | 1310.5 | 1316.9 |
| 32.5° | 1197.9 | 1197.1 | 1198.7 | 1203.5 | 1205.9 | 1212.3 | 1215.5 | 1221.1 | 1225.1 | 1229.1 | 1235.4 |
| 35° | 1106.9 | 1105.3 | 1106.9 | 1111.7 | 1111.7 | 1117.3 | 1119.7 | 1122.0 | 1121.2 | 1122.0 | 1120.5 |
| 37.5° | 1022.2 | 1021.4 | 1022.2 | 1024.6 | 1022.2 | 1024.6 | 1022.2 | 1017.4 | 1008.7 | 999.1 | 989.5 |
| 40° | 950.3 | 951.1 | 946.4 | 949.6 | 940.8 | 939.2 | 930.4 | 918.4 | 900.8 | 881.7 | 854.5 |
| 42.5° | 873.7 | 871.3 | 868.1 | 869.7 | 862.5 | 856.9 | 842.5 | 827.4 | 805.0 | 773.1 | 740.3 |
| 45° | 779.4 | 778.7 | 777.1 | 776.3 | 771.5 | 765.9 | 753.9 | 736.3 | 711.6 | 678.8 | 639.7 |
| 47.5° | 687.6 | 685.2 | 685.2 | 686.0 | 680.4 | 679.6 | 670.0 | 654.9 | 633.3 | 601.4 | 560.6 |
| 50° | 599.7 | 599.0 | 600.6 | 603.8 | 599.7 | 598.2 | 591.8 | 581.4 | 562.2 | 535.1 | 496.7 |
| 52.5° | 520.7 | 519.9 | 521.5 | 525.5 | 523.9 | 525.5 | 519.1 | 511.1 | 498.3 | 472.0 | 438.4 |
| 55° | 443.2 | 443.2 | 443.2 | 448.0 | 448.0 | 448.0 | 444.8 | 440.1 | 428.1 | 408.9 | 377.8 |
| 57.5° | 362.6 | 363.4 | 368.2 | 369.0 | 368.2 | 369.8 | 369.0 | 364.2 | 356.2 | 342.6 | 318.7 |
| 60° | 294.7 | 294.7 | 297.1 | 299.5 | 298.7 | 299.5 | 299.5 | 297.1 | 289.1 | 277.9 | 258.8 |
| 62.5° | 233.2 | 235.6 | 234.0 | 235.6 | 238.8 | 235.6 | 234.0 | 232.4 | 226.8 | 219.6 | 203.6 |
| 65° | 176.5 | 178.1 | 178.1 | 178.9 | 177.3 | 178.1 | 174.9 | 172.5 | 169.3 | 161.3 | 150.9 |
| 67.5° | 134.2 | 134.2 | 134.2 | 134.2 | 133.4 | 132.6 | 131.8 | 129.4 | 123.8 | 120.6 | 109.4 |
| 70° | 103.0 | 98.2 | 98.2 | 98.2 | 98.2 | 99.0 | 96.6 | 93.5 | 91.8 | 86.3 | 78.3 |
| 72.5° | 68.7 | 70.3 | 68.7 | 68.7 | 67.1 | 67.9 | 64.7 | 63.1 | 61.5 | 58.3 | 53.5 |
| 75° | 49.5 | 45.5 | 47.1 | 47.9 | 45.5 | 47.1 | 43.9 | 40.7 | 40.7 | 38.3 | 35.9 |
| 77.5° | 32.0 | 31.2 | 32.0 | 32.7 | 32.0 | 31.2 | 29.6 | 27.9 | 27.9 | 27.2 | 24.8 |
| 80° | 23.2 | 22.4 | 22.4 | 22.4 | 21.6 | 22.4 | 20.8 | 20.8 | 19.2 | 18.4 | 16.8 |
| 82.5° | 15.2 | 15.2 | 14.4 | 15.2 | 14.4 | 15.2 | 12.8 | 12.8 | 12.8 | 12.0 | 10.4 |
| 85° | 10.4 | 8.8 | 8.8 | 9.6 | 8.0 | 9.6 | 8.8 | 8.0 | 7.2 | 7.2 | 6.4 |
| 87.5° | 4.8 | 5.6 | 4.8 | 5.6 | 4.8 | 4.8 | 5.6 | 4.8 | 4.8 | 3.2 | 3.2 |
| 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: P244569

CATALOG NUMBER: LD8B30D010 ER8B30940 8LBSWOH

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1635.6 | 1635.6 | 1635.6 | 1635.6 | 1635.6 | 1635.6 | 1635.6 | 1635.6 | 1635.6 | 1635.6 | 1635.6 |
| 2.5° | 1627.6 | 1628.4 | 1628.4 | 1631.6 | 1633.2 | 1633.9 | 1633.9 | 1640.4 | 1638.0 | 1639.6 | 1641.1 |
| 5° | 1604.4 | 1609.2 | 1610.8 | 1610.8 | 1619.6 | 1622.8 | 1626.0 | 1633.2 | 1633.9 | 1638.7 | 1644.3 |
| 7.5° | 1582.0 | 1587.6 | 1590.9 | 1598.0 | 1603.6 | 1609.2 | 1618.8 | 1623.6 | 1628.4 | 1634.8 | 1641.9 |
| 10° | 1560.5 | 1566.9 | 1573.3 | 1578.9 | 1587.6 | 1594.8 | 1601.2 | 1612.4 | 1618.0 | 1626.8 | 1636.3 |
| 12.5° | 1539.7 | 1548.5 | 1554.1 | 1563.7 | 1573.3 | 1579.6 | 1589.2 | 1599.6 | 1608.4 | 1617.2 | 1628.4 |
| 15° | 1521.4 | 1531.7 | 1538.1 | 1548.5 | 1558.9 | 1567.7 | 1578.1 | 1590.9 | 1597.2 | 1607.6 | 1618.0 |
| 17.5° | 1501.4 | 1512.6 | 1520.6 | 1530.1 | 1542.9 | 1552.5 | 1561.3 | 1574.1 | 1582.0 | 1593.2 | 1605.2 |
| 20° | 1480.6 | 1491.8 | 1501.4 | 1511.0 | 1523.8 | 1533.3 | 1543.7 | 1556.5 | 1565.3 | 1576.5 | 1586.1 |
| 22.5° | 1455.9 | 1466.3 | 1476.6 | 1487.8 | 1500.6 | 1508.6 | 1520.6 | 1531.7 | 1541.3 | 1551.7 | 1561.3 |
| 25° | 1423.9 | 1436.7 | 1444.7 | 1455.1 | 1465.4 | 1474.2 | 1487.0 | 1498.2 | 1506.2 | 1515.8 | 1524.5 |
| 27.5° | 1386.4 | 1396.0 | 1402.4 | 1411.1 | 1421.5 | 1429.5 | 1439.1 | 1450.3 | 1458.3 | 1467.1 | 1473.4 |
| 30° | 1322.5 | 1331.3 | 1336.9 | 1343.3 | 1353.6 | 1360.8 | 1368.8 | 1379.2 | 1384.8 | 1391.2 | 1396.8 |
| 32.5° | 1238.6 | 1245.8 | 1249.0 | 1253.8 | 1261.0 | 1268.2 | 1274.6 | 1283.4 | 1285.8 | 1289.7 | 1289.7 |
| 35° | 1117.3 | 1118.8 | 1118.1 | 1119.7 | 1122.9 | 1126.8 | 1132.4 | 1138.0 | 1141.2 | 1141.2 | 1138.8 |
| 37.5° | 975.1 | 965.5 | 955.1 | 947.2 | 944.8 | 943.2 | 946.4 | 948.7 | 952.0 | 953.5 | 949.6 |
| 40° | 827.4 | 805.8 | 782.6 | 761.9 | 747.5 | 741.1 | 738.7 | 740.3 | 740.3 | 745.9 | 745.9 |
| 42.5° | 700.4 | 666.8 | 632.5 | 601.4 | 580.6 | 564.6 | 557.4 | 557.4 | 558.2 | 562.2 | 564.6 |
| 45° | 595.0 | 552.6 | 512.7 | 478.4 | 449.6 | 428.8 | 419.3 | 416.9 | 416.1 | 417.7 | 423.3 |
| 47.5° | 514.3 | 470.4 | 428.8 | 386.5 | 356.2 | 335.4 | 326.6 | 323.4 | 320.2 | 323.4 | 324.2 |
| 50° | 451.2 | 405.7 | 361.8 | 319.4 | 287.5 | 269.1 | 257.9 | 253.1 | 252.4 | 252.4 | 254.0 |
| 52.5° | 393.7 | 351.4 | 307.5 | 264.4 | 230.8 | 213.2 | 202.9 | 200.5 | 197.3 | 200.5 | 200.5 |
| 55° | 339.4 | 297.1 | 254.0 | 213.2 | 185.3 | 166.9 | 157.3 | 154.1 | 152.5 | 154.9 | 154.9 |
| 57.5° | 280.3 | 244.4 | 204.5 | 167.7 | 139.8 | 127.0 | 119.8 | 115.8 | 115.0 | 116.6 | 115.0 |
| 60° | 230.0 | 199.7 | 165.3 | 131.8 | 110.2 | 96.6 | 91.1 | 89.4 | 87.8 | 89.4 | 89.4 |
| 62.5° | 182.1 | 156.5 | 128.6 | 103.0 | 84.6 | 75.1 | 68.7 | 68.7 | 67.9 | 67.9 | 68.7 |
| 65° | 135.0 | 115.0 | 95.0 | 73.5 | 59.1 | 51.9 | 47.1 | 47.1 | 46.3 | 47.1 | 46.3 |
| 67.5° | 98.2 | 84.6 | 68.7 | 53.5 | 42.3 | 38.3 | 35.1 | 32.7 | 34.4 | 32.7 | 32.0 |
| 70° | 71.9 | 60.7 | 49.5 | 40.7 | 32.7 | 28.8 | 26.4 | 25.5 | 24.0 | 24.0 | 24.0 |
| 72.5° | 47.9 | 40.7 | 33.5 | 26.4 | 21.6 | 17.6 | 16.8 | 15.2 | 13.6 | 14.4 | 16.0 |
| 75° | 32.0 | 27.2 | 24.0 | 19.2 | 14.4 | 14.4 | 9.6 | 9.6 | 8.0 | 9.6 | 7.2 |
| 77.5° | 22.4 | 18.4 | 14.4 | 12.0 | 9.6 | 8.8 | 6.4 | 6.4 | 5.6 | 5.6 | 5.6 |
| 80° | 16.0 | 13.6 | 10.4 | 8.8 | 6.4 | 6.4 | 5.6 | 4.8 | 4.0 | 4.0 | 4.8 |
| 82.5° | 9.6 | 7.2 | 7.2 | 6.4 | 4.0 | 3.2 | 2.4 | 3.2 | 1.6 | 1.6 | 1.6 |
| 85° | 5.6 | 4.8 | 4.0 | 2.4 | 1.6 | 1.6 | 0.8 | 0.0 | 0.8 | 0.8 | 0.0 |
| 87.5° | 3.2 | 1.6 | 1.6 | 0.8 | 0.0 | 0.8 | 0.8 | 0.0 | 0.0 | 0.0 | 1.6 |
| 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: P244569

CATALOG NUMBER: LD8B30D010 ER8B30940 8LBSW0H

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1635.6 | 1635.6 | 1635.6 | 1635.6 | 1635.6 | 1635.6 | 1635.6 | 1635.6 | 1635.6 | 1635.6 | 1635.6 |
| 2.5° | 1645.2 | 1644.3 | 1645.9 | 1645.9 | 1650.7 | 1649.9 | 1652.3 | 1652.3 | 1650.7 | 1651.5 | 1654.7 |
| 5° | 1650.7 | 1653.1 | 1657.9 | 1661.9 | 1669.1 | 1672.3 | 1676.3 | 1680.3 | 1681.1 | 1683.5 | 1685.9 |
| 7.5° | 1650.7 | 1658.7 | 1664.3 | 1671.5 | 1681.1 | 1686.7 | 1695.4 | 1702.6 | 1705.8 | 1709.8 | 1714.6 |
| 10° | 1647.5 | 1655.5 | 1665.9 | 1673.9 | 1685.9 | 1694.7 | 1703.4 | 1714.6 | 1719.4 | 1725.8 | 1732.2 |
| 12.5° | 1641.1 | 1649.9 | 1661.1 | 1671.5 | 1685.1 | 1693.0 | 1704.2 | 1714.6 | 1721.8 | 1730.6 | 1737.8 |
| 15° | 1631.6 | 1641.9 | 1652.3 | 1662.7 | 1677.1 | 1686.7 | 1697.1 | 1709.0 | 1716.2 | 1725.8 | 1732.2 |
| 17.5° | 1616.4 | 1627.6 | 1637.2 | 1646.7 | 1660.3 | 1671.5 | 1681.1 | 1692.3 | 1699.5 | 1707.4 | 1716.2 |
| 20° | 1598.0 | 1608.4 | 1618.8 | 1626.8 | 1640.4 | 1649.9 | 1660.3 | 1670.7 | 1676.3 | 1677.9 | 1691.5 |
| 22.5° | 1574.9 | 1582.0 | 1590.0 | 1602.8 | 1610.8 | 1619.6 | 1629.2 | 1638.7 | 1644.3 | 1653.1 | 1657.9 |
| 25° | 1536.5 | 1543.7 | 1552.5 | 1558.1 | 1567.7 | 1574.9 | 1584.4 | 1594.8 | 1598.0 | 1604.4 | 1609.2 |
| 27.5° | 1483.0 | 1487.0 | 1491.0 | 1495.8 | 1501.4 | 1505.4 | 1511.0 | 1515.8 | 1519.0 | 1522.1 | 1525.3 |
| 30° | 1398.4 | 1398.4 | 1398.4 | 1395.2 | 1397.6 | 1400.0 | 1400.8 | 1400.0 | 1400.0 | 1399.2 | 1399.2 |
| 32.5° | 1286.6 | 1280.2 | 1273.0 | 1266.6 | 1264.2 | 1261.0 | 1259.4 | 1257.0 | 1253.0 | 1250.6 | 1251.4 |
| 35° | 1135.6 | 1121.2 | 1112.5 | 1104.5 | 1098.1 | 1093.3 | 1090.9 | 1088.5 | 1087.7 | 1084.5 | 1081.3 |
| 37.5° | 947.2 | 936.8 | 930.4 | 925.6 | 920.0 | 915.2 | 916.0 | 916.8 | 919.2 | 917.6 | 918.4 |
| 40° | 747.5 | 745.1 | 747.5 | 741.9 | 740.3 | 741.9 | 745.9 | 751.5 | 754.7 | 757.9 | 763.5 |
| 42.5° | 568.6 | 572.6 | 578.2 | 578.2 | 580.6 | 583.8 | 588.6 | 597.4 | 602.1 | 607.7 | 614.1 |
| 45° | 428.1 | 432.9 | 440.1 | 442.4 | 444.0 | 448.0 | 453.6 | 460.8 | 464.0 | 468.8 | 474.4 |
| 47.5° | 329.8 | 333.0 | 337.0 | 341.0 | 345.0 | 346.6 | 352.2 | 352.2 | 356.2 | 359.4 | 361.0 |
| 50° | 257.2 | 260.3 | 263.5 | 265.9 | 267.5 | 269.9 | 271.5 | 273.9 | 274.7 | 276.3 | 277.1 |
| 52.5° | 201.2 | 205.2 | 205.2 | 206.8 | 209.2 | 211.6 | 210.8 | 211.6 | 212.4 | 212.4 | 214.8 |
| 55° | 157.3 | 157.3 | 159.7 | 159.7 | 161.3 | 160.5 | 161.3 | 161.3 | 161.3 | 161.3 | 162.1 |
| 57.5° | 117.4 | 118.2 | 120.6 | 119.0 | 118.2 | 119.8 | 118.2 | 119.8 | 119.0 | 120.6 | 118.2 |
| 60° | 90.2 | 90.2 | 91.1 | 91.1 | 91.8 | 91.8 | 91.8 | 91.1 | 91.1 | 90.2 | 90.2 |
| 62.5° | 67.9 | 68.7 | 69.5 | 68.7 | 68.7 | 68.7 | 67.9 | 67.9 | 67.1 | 66.3 | 66.3 |
| 65° | 45.5 | 44.7 | 46.3 | 44.7 | 45.5 | 45.5 | 44.7 | 45.5 | 43.1 | 43.9 | 43.1 |
| 67.5° | 32.7 | 32.0 | 31.2 | 32.0 | 31.2 | 30.3 | 30.3 | 31.2 | 32.0 | 29.6 | 29.6 |
| 70° | 21.6 | 22.4 | 21.6 | 22.4 | 23.2 | 23.2 | 22.4 | 21.6 | 22.4 | 20.8 | 21.6 |
| 72.5° | 13.6 | 13.6 | 13.6 | 13.6 | 13.6 | 14.4 | 14.4 | 14.4 | 12.8 | 12.8 | 12.0 |
| 75° | 6.4 | 8.8 | 7.2 | 6.4 | 8.8 | 8.8 | 8.0 | 8.0 | 7.2 | 7.2 | 7.2 |
| 77.5° | 6.4 | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 | 4.0 | 4.8 | 4.0 |
| 80° | 3.2 | 3.2 | 3.2 | 2.4 | 3.2 | 3.2 | 4.0 | 3.2 | 3.2 | 2.4 | 4.0 |
| 82.5° | 1.6 | 1.6 | 1.6 | 0.0 | 0.8 | 1.6 | 1.6 | 0.8 | 1.6 | 1.6 | 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: P244569

CATALOG NUMBER: LD8B30D010 ER8B30940 8LBSWOH

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1635.6 | 1635.6 | 1635.6 | 1635.6 | 1635.6 | 1635.6 | 1635.6 | 1635.6 | 1635.6 | 1635.6 | 1635.6 |
| 2.5° | 1653.9 | 1653.1 | 1653.9 | 1654.7 | 1653.9 | 1653.1 | 1653.9 | 1654.7 | 1651.5 | 1650.7 | 1652.3 |
| 5° | 1689.1 | 1689.1 | 1690.6 | 1691.5 | 1690.6 | 1689.1 | 1689.1 | 1685.9 | 1683.5 | 1681.1 | 1680.3 |
| 7.5° | 1719.4 | 1721.0 | 1722.6 | 1723.4 | 1722.6 | 1721.0 | 1719.4 | 1714.6 | 1709.8 | 1705.8 | 1702.6 |
| 10° | 1737.8 | 1740.2 | 1743.4 | 1745.0 | 1743.4 | 1740.2 | 1737.8 | 1732.2 | 1725.8 | 1719.4 | 1714.6 |
| 12.5° | 1745.8 | 1748.2 | 1752.2 | 1751.4 | 1752.2 | 1748.2 | 1745.8 | 1737.8 | 1730.6 | 1721.8 | 1714.6 |
| 15° | 1740.2 | 1743.4 | 1747.4 | 1749.0 | 1747.4 | 1743.4 | 1740.2 | 1732.2 | 1725.8 | 1716.2 | 1709.0 |
| 17.5° | 1722.6 | 1727.4 | 1729.8 | 1732.2 | 1729.8 | 1727.4 | 1722.6 | 1716.2 | 1707.4 | 1699.5 | 1692.3 |
| 20° | 1698.6 | 1701.9 | 1705.0 | 1705.8 | 1705.0 | 1701.9 | 1698.6 | 1691.5 | 1677.9 | 1676.3 | 1670.7 |
| 22.5° | 1664.3 | 1666.7 | 1673.9 | 1671.5 | 1673.9 | 1666.7 | 1664.3 | 1657.9 | 1653.1 | 1644.3 | 1638.7 |
| 25° | 1614.8 | 1617.2 | 1618.0 | 1618.8 | 1618.0 | 1617.2 | 1614.8 | 1609.2 | 1604.4 | 1598.0 | 1594.8 |
| 27.5° | 1529.3 | 1529.3 | 1530.9 | 1531.7 | 1530.9 | 1529.3 | 1529.3 | 1525.3 | 1522.1 | 1519.0 | 1515.8 |
| 30° | 1400.0 | 1400.0 | 1400.0 | 1404.0 | 1400.0 | 1400.0 | 1400.0 | 1399.2 | 1399.2 | 1400.0 | 1400.0 |
| 32.5° | 1250.6 | 1249.0 | 1247.4 | 1249.0 | 1247.4 | 1249.0 | 1250.6 | 1251.4 | 1250.6 | 1253.0 | 1257.0 |
| 35° | 1081.3 | 1080.5 | 1082.9 | 1079.7 | 1082.9 | 1080.5 | 1081.3 | 1081.3 | 1084.5 | 1087.7 | 1088.5 |
| 37.5° | 919.2 | 917.6 | 920.8 | 917.6 | 920.8 | 917.6 | 919.2 | 918.4 | 917.6 | 919.2 | 916.8 |
| 40° | 765.1 | 766.7 | 766.7 | 773.1 | 766.7 | 766.7 | 765.1 | 763.5 | 757.9 | 754.7 | 751.5 |
| 42.5° | 617.3 | 622.1 | 620.5 | 625.3 | 620.5 | 622.1 | 617.3 | 614.1 | 607.7 | 602.1 | 597.4 |
| 45° | 477.6 | 480.8 | 480.8 | 482.4 | 480.8 | 480.8 | 477.6 | 474.4 | 468.8 | 464.0 | 460.8 |
| 47.5° | 366.6 | 366.6 | 366.6 | 367.4 | 366.6 | 366.6 | 366.6 | 361.0 | 359.4 | 356.2 | 352.2 |
| 50° | 278.7 | 279.5 | 280.3 | 281.1 | 280.3 | 279.5 | 278.7 | 277.1 | 276.3 | 274.7 | 273.9 |
| 52.5° | 214.0 | 214.8 | 213.2 | 214.8 | 213.2 | 214.8 | 214.0 | 214.8 | 212.4 | 212.4 | 211.6 |
| 55° | 162.1 | 161.3 | 162.1 | 162.9 | 162.1 | 161.3 | 162.1 | 162.1 | 161.3 | 161.3 | 161.3 |
| 57.5° | 119.0 | 117.4 | 117.4 | 117.4 | 117.4 | 117.4 | 119.0 | 118.2 | 120.6 | 119.0 | 119.8 |
| 60° | 88.7 | 89.4 | 89.4 | 90.2 | 89.4 | 89.4 | 88.7 | 90.2 | 90.2 | 91.1 | 91.1 |
| 62.5° | 65.5 | 67.9 | 66.3 | 67.9 | 66.3 | 67.9 | 65.5 | 66.3 | 66.3 | 67.1 | 67.9 |
| 65° | 42.3 | 42.3 | 42.3 | 43.1 | 42.3 | 42.3 | 42.3 | 43.1 | 43.9 | 43.1 | 45.5 |
| 67.5° | 28.8 | 29.6 | 31.2 | 30.3 | 31.2 | 29.6 | 28.8 | 29.6 | 29.6 | 32.0 | 31.2 |
| 70° | 23.2 | 20.8 | 20.8 | 23.2 | 20.8 | 20.8 | 23.2 | 21.6 | 20.8 | 22.4 | 21.6 |
| 72.5° | 13.6 | 12.0 | 13.6 | 13.6 | 13.6 | 12.0 | 13.6 | 12.0 | 12.8 | 12.8 | 14.4 |
| 75° | 7.2 | 6.4 | 5.6 | 8.0 | 5.6 | 6.4 | 7.2 | 7.2 | 7.2 | 7.2 | 8.0 |
| 77.5° | 4.8 | 4.0 | 5.6 | 5.6 | 5.6 | 4.0 | 4.8 | 4.0 | 4.8 | 4.0 | 4.8 |
| 80° | 2.4 | 3.2 | 2.4 | 4.0 | 2.4 | 3.2 | 2.4 | 4.0 | 2.4 | 3.2 | 3.2 |
| 82.5° | 0.8 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 0.8 | 0.8 | 1.6 | 1.6 | 0.8 |
| 85° | 0.0 | 1.6 | 0.8 | 0.8 | 0.8 | 1.6 | 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: P244569

CATALOG NUMBER: LD8B30D010 ER8B30940 8LBSW0H

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1635.6 | 1635.6 | 1635.6 | 1635.6 | 1635.6 | 1635.6 | 1635.6 | 1635.6 | 1635.6 | 1635.6 | 1635.6 |
| 2.5° | 1652.3 | 1649.9 | 1650.7 | 1645.9 | 1645.9 | 1644.3 | 1645.2 | 1641.1 | 1639.6 | 1638.0 | 1640.4 |
| 5° | 1676.3 | 1672.3 | 1669.1 | 1661.9 | 1657.9 | 1653.1 | 1650.7 | 1644.3 | 1638.7 | 1633.9 | 1633.2 |
| 7.5° | 1695.4 | 1686.7 | 1681.1 | 1671.5 | 1664.3 | 1658.7 | 1650.7 | 1641.9 | 1634.8 | 1628.4 | 1623.6 |
| 10° | 1703.4 | 1694.7 | 1685.9 | 1673.9 | 1665.9 | 1655.5 | 1647.5 | 1636.3 | 1626.8 | 1618.0 | 1612.4 |
| 12.5° | 1704.2 | 1693.0 | 1685.1 | 1671.5 | 1661.1 | 1649.9 | 1641.1 | 1628.4 | 1617.2 | 1608.4 | 1599.6 |
| 15° | 1697.1 | 1686.7 | 1677.1 | 1662.7 | 1652.3 | 1641.9 | 1631.6 | 1618.0 | 1607.6 | 1597.2 | 1590.9 |
| 17.5° | 1681.1 | 1671.5 | 1660.3 | 1646.7 | 1637.2 | 1627.6 | 1616.4 | 1605.2 | 1593.2 | 1582.0 | 1574.1 |
| 20° | 1660.3 | 1649.9 | 1640.4 | 1626.8 | 1618.8 | 1608.4 | 1598.0 | 1586.1 | 1576.5 | 1565.3 | 1556.5 |
| 22.5° | 1629.2 | 1619.6 | 1610.8 | 1602.8 | 1590.0 | 1582.0 | 1574.9 | 1561.3 | 1551.7 | 1541.3 | 1531.7 |
| 25° | 1584.4 | 1574.9 | 1567.7 | 1558.1 | 1552.5 | 1543.7 | 1536.5 | 1524.5 | 1515.8 | 1506.2 | 1498.2 |
| 27.5° | 1511.0 | 1505.4 | 1501.4 | 1495.8 | 1491.0 | 1487.0 | 1483.0 | 1473.4 | 1467.1 | 1458.3 | 1450.3 |
| 30° | 1400.8 | 1400.0 | 1397.6 | 1395.2 | 1398.4 | 1398.4 | 1398.4 | 1396.8 | 1391.2 | 1384.8 | 1379.2 |
| 32.5° | 1259.4 | 1261.0 | 1264.2 | 1266.6 | 1273.0 | 1280.2 | 1286.6 | 1289.7 | 1289.7 | 1285.8 | 1283.4 |
| 35° | 1090.9 | 1093.3 | 1098.1 | 1104.5 | 1112.5 | 1121.2 | 1135.6 | 1138.8 | 1141.2 | 1141.2 | 1138.0 |
| 37.5° | 916.0 | 915.2 | 920.0 | 925.6 | 930.4 | 936.8 | 947.2 | 949.6 | 953.5 | 952.0 | 948.7 |
| 40° | 745.9 | 741.9 | 740.3 | 741.9 | 747.5 | 745.1 | 747.5 | 745.9 | 745.9 | 740.3 | 740.3 |
| 42.5° | 588.6 | 583.8 | 580.6 | 578.2 | 578.2 | 572.6 | 568.6 | 564.6 | 562.2 | 558.2 | 557.4 |
| 45° | 453.6 | 448.0 | 444.0 | 442.4 | 440.1 | 432.9 | 428.1 | 423.3 | 417.7 | 416.1 | 416.9 |
| 47.5° | 352.2 | 346.6 | 345.0 | 341.0 | 337.0 | 333.0 | 329.8 | 324.2 | 323.4 | 320.2 | 323.4 |
| 50° | 271.5 | 269.9 | 267.5 | 265.9 | 263.5 | 260.3 | 257.2 | 254.0 | 252.4 | 252.4 | 253.1 |
| 52.5° | 210.8 | 211.6 | 209.2 | 206.8 | 205.2 | 205.2 | 201.2 | 200.5 | 200.5 | 197.3 | 200.5 |
| 55° | 161.3 | 160.5 | 161.3 | 159.7 | 159.7 | 157.3 | 157.3 | 154.9 | 154.9 | 152.5 | 154.1 |
| 57.5° | 118.2 | 119.8 | 118.2 | 119.0 | 120.6 | 118.2 | 117.4 | 115.0 | 116.6 | 115.0 | 115.8 |
| 60° | 91.8 | 91.8 | 91.8 | 91.1 | 91.1 | 90.2 | 90.2 | 89.4 | 89.4 | 87.8 | 89.4 |
| 62.5° | 67.9 | 68.7 | 68.7 | 68.7 | 69.5 | 68.7 | 67.9 | 68.7 | 67.9 | 67.9 | 68.7 |
| 65° | 44.7 | 45.5 | 45.5 | 44.7 | 46.3 | 44.7 | 45.5 | 46.3 | 47.1 | 46.3 | 47.1 |
| 67.5° | 30.3 | 30.3 | 31.2 | 32.0 | 31.2 | 32.0 | 32.7 | 32.0 | 32.7 | 34.4 | 32.7 |
| 70° | 22.4 | 23.2 | 23.2 | 22.4 | 21.6 | 22.4 | 21.6 | 24.0 | 24.0 | 24.0 | 25.5 |
| 72.5° | 14.4 | 14.4 | 13.6 | 13.6 | 13.6 | 13.6 | 13.6 | 16.0 | 14.4 | 13.6 | 15.2 |
| 75° | 8.0 | 8.8 | 8.8 | 6.4 | 7.2 | 8.8 | 6.4 | 7.2 | 9.6 | 8.0 | 9.6 |
| 77.5° | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 | 6.4 | 5.6 | 5.6 | 5.6 | 6.4 |
| 80° | 4.0 | 3.2 | 3.2 | 2.4 | 3.2 | 3.2 | 3.2 | 4.8 | 4.0 | 4.0 | 4.8 |
| 82.5° | 1.6 | 1.6 | 0.8 | 0.0 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 3.2 |
| 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 | 1.6 | 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: P244569

CATALOG NUMBER: LD8B30D010 ER8B30940 8LBSWOH

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1635.6 | 1635.6 | 1635.6 | 1635.6 | 1635.6 | 1635.6 | 1635.6 | 1635.6 | 1635.6 | 1635.6 | 1635.6 |
| 2.5° | 1633.9 | 1633.9 | 1633.2 | 1631.6 | 1628.4 | 1628.4 | 1627.6 | 1625.2 | 1623.6 | 1622.8 | 1622.8 |
| 5° | 1626.0 | 1622.8 | 1619.6 | 1610.8 | 1610.8 | 1609.2 | 1604.4 | 1601.2 | 1599.6 | 1595.6 | 1594.0 |
| 7.5° | 1618.8 | 1609.2 | 1603.6 | 1598.0 | 1590.9 | 1587.6 | 1582.0 | 1579.6 | 1574.1 | 1570.1 | 1567.7 |
| 10° | 1601.2 | 1594.8 | 1587.6 | 1578.9 | 1573.3 | 1566.9 | 1560.5 | 1555.7 | 1548.5 | 1544.5 | 1541.3 |
| 12.5° | 1589.2 | 1579.6 | 1573.3 | 1563.7 | 1554.1 | 1548.5 | 1539.7 | 1534.1 | 1526.9 | 1519.0 | 1514.2 |
| 15° | 1578.1 | 1567.7 | 1558.9 | 1548.5 | 1538.1 | 1531.7 | 1521.4 | 1515.0 | 1504.6 | 1496.6 | 1491.0 |
| 17.5° | 1561.3 | 1552.5 | 1542.9 | 1530.1 | 1520.6 | 1512.6 | 1501.4 | 1493.4 | 1483.8 | 1473.4 | 1467.8 |
| 20° | 1543.7 | 1533.3 | 1523.8 | 1511.0 | 1501.4 | 1491.8 | 1480.6 | 1471.9 | 1460.6 | 1451.1 | 1444.7 |
| 22.5° | 1520.6 | 1508.6 | 1500.6 | 1487.8 | 1476.6 | 1466.3 | 1455.9 | 1445.5 | 1435.1 | 1427.1 | 1419.9 |
| 25° | 1487.0 | 1474.2 | 1465.4 | 1455.1 | 1444.7 | 1436.7 | 1423.9 | 1417.6 | 1407.2 | 1400.0 | 1392.8 |
| 27.5° | 1439.1 | 1429.5 | 1421.5 | 1411.1 | 1402.4 | 1396.0 | 1386.4 | 1380.0 | 1371.2 | 1364.8 | 1359.2 |
| 30° | 1368.8 | 1360.8 | 1353.6 | 1343.3 | 1336.9 | 1331.3 | 1322.5 | 1316.9 | 1310.5 | 1303.3 | 1301.7 |
| 32.5° | 1274.6 | 1268.2 | 1261.0 | 1253.8 | 1249.0 | 1245.8 | 1238.6 | 1235.4 | 1229.1 | 1225.1 | 1221.1 |
| 35° | 1132.4 | 1126.8 | 1122.9 | 1119.7 | 1118.1 | 1118.8 | 1117.3 | 1120.5 | 1122.0 | 1121.2 | 1122.0 |
| 37.5° | 946.4 | 943.2 | 944.8 | 947.2 | 955.1 | 965.5 | 975.1 | 989.5 | 999.1 | 1008.7 | 1017.4 |
| 40° | 738.7 | 741.1 | 747.5 | 761.9 | 782.6 | 805.8 | 827.4 | 854.5 | 881.7 | 900.8 | 918.4 |
| 42.5° | 557.4 | 564.6 | 580.6 | 601.4 | 632.5 | 666.8 | 700.4 | 740.3 | 773.1 | 805.0 | 827.4 |
| 45° | 419.3 | 428.8 | 449.6 | 478.4 | 512.7 | 552.6 | 595.0 | 639.7 | 678.8 | 711.6 | 736.3 |
| 47.5° | 326.6 | 335.4 | 356.2 | 386.5 | 428.8 | 470.4 | 514.3 | 560.6 | 601.4 | 633.3 | 654.9 |
| 50° | 257.9 | 269.1 | 287.5 | 319.4 | 361.8 | 405.7 | 451.2 | 496.7 | 535.1 | 562.2 | 581.4 |
| 52.5° | 202.9 | 213.2 | 230.8 | 264.4 | 307.5 | 351.4 | 393.7 | 438.4 | 472.0 | 498.3 | 511.1 |
| 55° | 157.3 | 166.9 | 185.3 | 213.2 | 254.0 | 297.1 | 339.4 | 377.8 | 408.9 | 428.1 | 440.1 |
| 57.5° | 119.8 | 127.0 | 139.8 | 167.7 | 204.5 | 244.4 | 280.3 | 318.7 | 342.6 | 356.2 | 364.2 |
| 60° | 91.1 | 96.6 | 110.2 | 131.8 | 165.3 | 199.7 | 230.0 | 258.8 | 277.9 | 289.1 | 297.1 |
| 62.5° | 68.7 | 75.1 | 84.6 | 103.0 | 128.6 | 156.5 | 182.1 | 203.6 | 219.6 | 226.8 | 232.4 |
| 65° | 47.1 | 51.9 | 59.1 | 73.5 | 95.0 | 115.0 | 135.0 | 150.9 | 161.3 | 169.3 | 172.5 |
| 67.5° | 35.1 | 38.3 | 42.3 | 53.5 | 68.7 | 84.6 | 98.2 | 109.4 | 120.6 | 123.8 | 129.4 |
| 70° | 26.4 | 28.8 | 32.7 | 40.7 | 49.5 | 60.7 | 71.9 | 78.3 | 86.3 | 91.8 | 93.5 |
| 72.5° | 16.8 | 17.6 | 21.6 | 26.4 | 33.5 | 40.7 | 47.9 | 53.5 | 58.3 | 61.5 | 63.1 |
| 75° | 9.6 | 14.4 | 14.4 | 19.2 | 24.0 | 27.2 | 32.0 | 35.9 | 38.3 | 40.7 | 40.7 |
| 77.5° | 6.4 | 8.8 | 9.6 | 12.0 | 14.4 | 18.4 | 22.4 | 24.8 | 27.2 | 27.9 | 27.9 |
| 80° | 5.6 | 6.4 | 6.4 | 8.8 | 10.4 | 13.6 | 16.0 | 16.8 | 18.4 | 19.2 | 20.8 |
| 82.5° | 2.4 | 3.2 | 4.0 | 6.4 | 7.2 | 7.2 | 9.6 | 10.4 | 12.0 | 12.8 | 12.8 |
| 85° | 0.8 | 1.6 | 1.6 | 2.4 | 4.0 | 4.8 | 5.6 | 6.4 | 7.2 | 7.2 | 8.0 |
| 87.5° | 0.8 | 0.8 | 0.0 | 0.8 | 1.6 | 1.6 | 3.2 | 3.2 | 3.2 | 4.8 | 4.8 |
| 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: P244569

CATALOG NUMBER: LD8B30D010 ER8B30940 8LBSW0H

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|-------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1635.6 | 1635.6 | 1635.6 | 1635.6 | 1635.6 | 1635.6 | 1635.6 |
| 2.5° | 1621.2 | 1622.0 | 1618.8 | 1618.0 | 1616.4 | 1617.2 | 1618.8 |
| 5° | 1591.6 | 1592.4 | 1589.2 | 1586.1 | 1586.1 | 1585.2 | 1586.1 |
| 7.5° | 1563.7 | 1564.5 | 1559.7 | 1558.1 | 1554.9 | 1555.7 | 1555.7 |
| 10° | 1535.7 | 1535.7 | 1528.6 | 1527.7 | 1525.3 | 1524.5 | 1524.5 |
| 12.5° | 1508.6 | 1506.2 | 1500.6 | 1497.4 | 1499.0 | 1494.2 | 1494.2 |
| 15° | 1484.6 | 1480.6 | 1473.4 | 1471.0 | 1467.1 | 1465.4 | 1465.4 |
| 17.5° | 1459.9 | 1456.7 | 1450.3 | 1445.5 | 1440.7 | 1439.9 | 1440.7 |
| 20° | 1435.9 | 1432.7 | 1424.7 | 1421.5 | 1417.6 | 1417.6 | 1415.9 |
| 22.5° | 1411.9 | 1408.7 | 1401.6 | 1399.2 | 1393.6 | 1393.6 | 1394.4 |
| 25° | 1387.2 | 1384.8 | 1376.8 | 1375.2 | 1374.4 | 1371.2 | 1372.8 |
| 27.5° | 1353.6 | 1352.0 | 1345.7 | 1343.3 | 1340.1 | 1339.3 | 1340.9 |
| 30° | 1292.1 | 1289.7 | 1285.0 | 1282.6 | 1277.0 | 1277.8 | 1279.4 |
| 32.5° | 1215.5 | 1212.3 | 1205.9 | 1203.5 | 1198.7 | 1197.1 | 1197.9 |
| 35° | 1119.7 | 1117.3 | 1111.7 | 1111.7 | 1106.9 | 1105.3 | 1106.9 |
| 37.5° | 1022.2 | 1024.6 | 1022.2 | 1024.6 | 1022.2 | 1021.4 | 1022.2 |
| 40° | 930.4 | 939.2 | 940.8 | 949.6 | 946.4 | 951.1 | 950.3 |
| 42.5° | 842.5 | 856.9 | 862.5 | 869.7 | 868.1 | 871.3 | 873.7 |
| 45° | 753.9 | 765.9 | 771.5 | 776.3 | 777.1 | 778.7 | 779.4 |
| 47.5° | 670.0 | 679.6 | 680.4 | 686.0 | 685.2 | 685.2 | 687.6 |
| 50° | 591.8 | 598.2 | 599.7 | 603.8 | 600.6 | 599.0 | 599.7 |
| 52.5° | 519.1 | 525.5 | 523.9 | 525.5 | 521.5 | 519.9 | 520.7 |
| 55° | 444.8 | 448.0 | 448.0 | 448.0 | 443.2 | 443.2 | 443.2 |
| 57.5° | 369.0 | 369.8 | 368.2 | 369.0 | 368.2 | 363.4 | 362.6 |
| 60° | 299.5 | 299.5 | 298.7 | 299.5 | 297.1 | 294.7 | 294.7 |
| 62.5° | 234.0 | 235.6 | 238.8 | 235.6 | 234.0 | 235.6 | 233.2 |
| 65° | 174.9 | 178.1 | 177.3 | 178.9 | 178.1 | 178.1 | 176.5 |
| 67.5° | 131.8 | 132.6 | 133.4 | 134.2 | 134.2 | 134.2 | 134.2 |
| 70° | 96.6 | 99.0 | 98.2 | 98.2 | 98.2 | 98.2 | 103.0 |
| 72.5° | 64.7 | 67.9 | 67.1 | 68.7 | 68.7 | 70.3 | 68.7 |
| 75° | 43.9 | 47.1 | 45.5 | 47.9 | 47.1 | 45.5 | 49.5 |
| 77.5° | 29.6 | 31.2 | 32.0 | 32.7 | 32.0 | 31.2 | 32.0 |
| 80° | 20.8 | 22.4 | 21.6 | 22.4 | 22.4 | 22.4 | 23.2 |
| 82.5° | 12.8 | 15.2 | 14.4 | 15.2 | 14.4 | 15.2 | 15.2 |
| 85° | 8.8 | 9.6 | 8.0 | 9.6 | 8.8 | 8.8 | 10.4 |
| 87.5° | 5.6 | 4.8 | 4.8 | 5.6 | 4.8 | 5.6 | 4.8 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)