

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: P245950

Luminaire Tested: **LSR8B40D010 EC8B40927 8LBSW0B**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P245950
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: LSR8B40D010 EC8B40927 8LBSW0B
Description: PORTFOLIO 8 INCH SINGLE WALL WASH DISTRIBUTION 60 DEGREE CUTOFF
RECESSED DOWNLIGHT- CYLINDEC
97 CRI 2700 CCT WITH SPECULAR BLACK TRIM
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2633.6 lumens
Efficiency: N/A
Efficacy: 64.4 lumens/watt
Spacing Criteria (0/90/45): 1.2 / 1.23 / 1.15
Luminous Opening: Point Source (0' x 0' x 0')
CIE Type: Direct

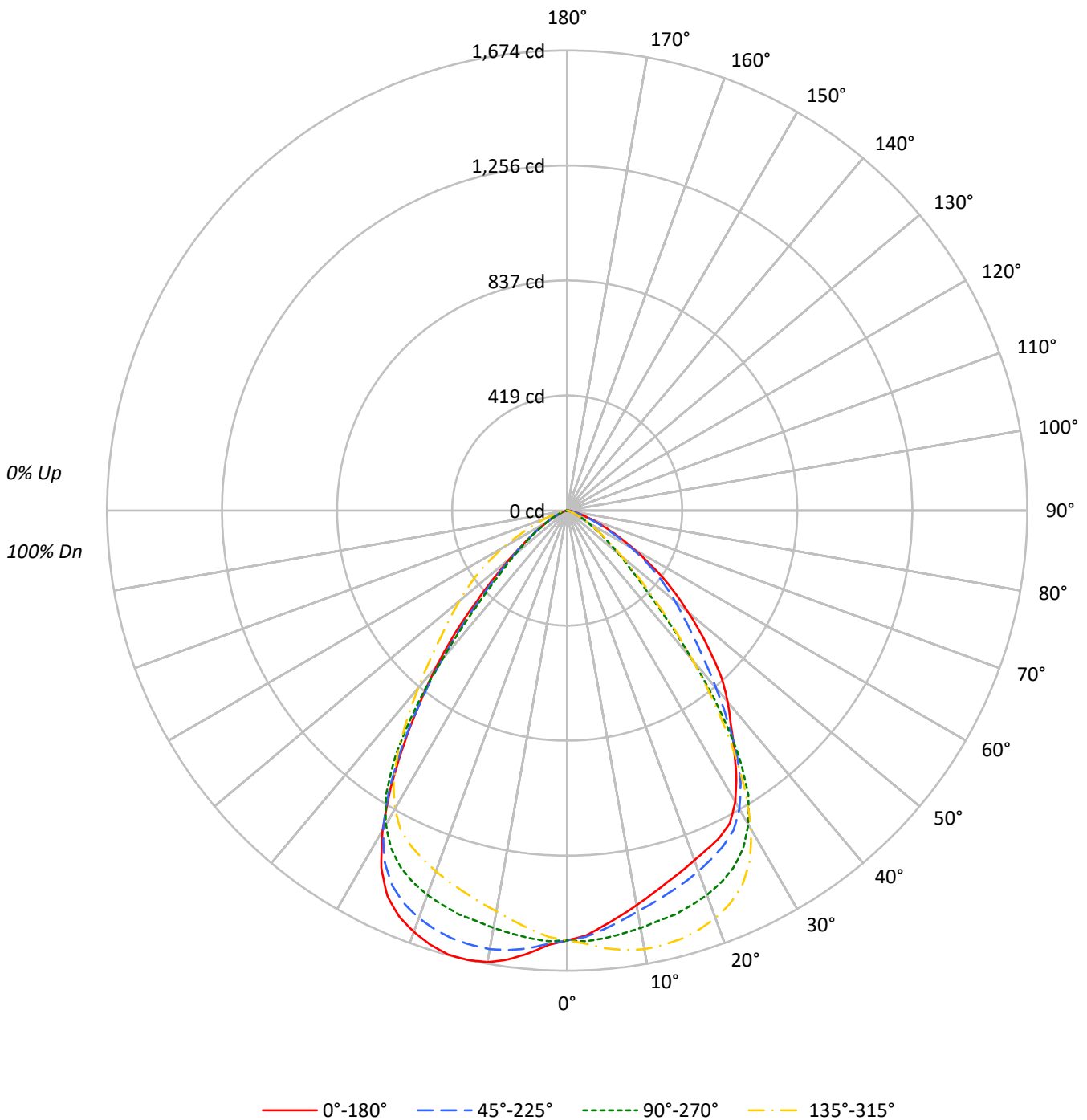
Input Watts (W): 40.9
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P245950

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Luminous Intensity Polar Plot





TEST NUMBER: P245950

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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

| | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| RF | 20 | | | | 20 | | | | 20 | | | | 20 | | | | 20 | |
| RC | 80 | | | | 70 | | | | 50 | | | | 30 | | | | 10 | 0 |
| RW | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0 |
| RCR | | | | | | | | | | | | | | | | | | |
| 0 | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 |
| 1 | 112 | 109 | 106 | 103 | 109 | 106 | 104 | 101 | 102 | 100 | 98 | 99 | 97 | 95 | 95 | 94 | 92 | 90 |
| 2 | 105 | 99 | 94 | 89 | 102 | 97 | 92 | 88 | 93 | 90 | 86 | 90 | 87 | 84 | 87 | 85 | 83 | 81 |
| 3 | 98 | 90 | 83 | 78 | 95 | 88 | 82 | 78 | 85 | 80 | 76 | 83 | 79 | 75 | 80 | 77 | 74 | 72 |
| 4 | 91 | 82 | 75 | 70 | 89 | 80 | 74 | 69 | 78 | 73 | 68 | 76 | 71 | 67 | 74 | 70 | 67 | 65 |
| 5 | 85 | 75 | 68 | 62 | 83 | 74 | 67 | 62 | 72 | 66 | 61 | 70 | 65 | 61 | 68 | 64 | 60 | 58 |
| 6 | 80 | 69 | 61 | 56 | 78 | 68 | 61 | 56 | 66 | 60 | 55 | 65 | 59 | 55 | 63 | 58 | 55 | 53 |
| 7 | 75 | 63 | 56 | 51 | 73 | 63 | 56 | 51 | 61 | 55 | 50 | 60 | 54 | 50 | 59 | 54 | 50 | 48 |
| 8 | 70 | 59 | 51 | 46 | 69 | 58 | 51 | 46 | 57 | 50 | 46 | 56 | 50 | 46 | 55 | 49 | 46 | 44 |
| 9 | 66 | 54 | 47 | 42 | 65 | 54 | 47 | 42 | 53 | 47 | 42 | 52 | 46 | 42 | 51 | 46 | 42 | 40 |
| 10 | 62 | 51 | 44 | 39 | 61 | 50 | 44 | 39 | 49 | 43 | 39 | 48 | 43 | 39 | 48 | 42 | 39 | 37 |

AVERAGE LUMINANCE (cd/sqm):

| | | | | |
|-----|--|-----|------|------|
| | 0° | 90° | 180° | 270° |
| 0° | Luminaire represents a point source (luminous area is zero). | | | |
| 5° | No luminance values can be calculated. | | | |
| 10° | | | | |
| 15° | | | | |
| 20° | | | | |
| 25° | | | | |
| 30° | | | | |
| 35° | | | | |
| 40° | | | | |
| 45° | | | | |
| 50° | | | | |
| 55° | | | | |
| 60° | | | | |
| 65° | | | | |
| 70° | | | | |
| 75° | | | | |
| 80° | | | | |
| 85° | | | | |



TEST NUMBER: P245950

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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 148.8 | 5.7 |
| 10°-20° | 430.9 | 16.4 |
| 20°-30° | 652.5 | 24.8 |
| 30°-40° | 654.0 | 24.8 |
| 40°-50° | 410.7 | 15.6 |
| 50°-60° | 218.8 | 8.3 |
| 60°-70° | 90.0 | 3.4 |
| 70°-80° | 23.8 | 0.9 |
| 80°-90° | 4.0 | 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° | 1232.3 | 46.8 |
| 0°-40° | 1886.3 | 71.6 |
| 0°-60° | 2515.8 | 95.5 |
| 0°-90° | 2633.6 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 2633.6 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0° | 1564 | 1564 | 1564 | 1564 | 1564 | |
| 5° | 1516 | 1561 | 1617 | 1561 | 1516 | 143 |
| 15° | 1401 | 1521 | 1672 | 1521 | 1401 | 396 |
| 25° | 1312 | 1432 | 1547 | 1432 | 1312 | 602 |
| 35° | 1058 | 1088 | 1032 | 1088 | 1058 | 663 |
| 45° | 745 | 398 | 461 | 398 | 745 | 573 |
| 55° | 424 | 147 | 156 | 147 | 424 | 378 |
| 65° | 169 | 45 | 41 | 45 | 169 | 175 |
| 75° | 47 | 9 | 8 | 9 | 47 | 54 |
| 85° | 10 | 0 | 1 | 0 | 10 | 11 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P245950

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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1563.5 | 1563.5 | 1563.5 | 1563.5 | 1563.5 | 1563.5 | 1563.5 | 1563.5 | 1563.5 | 1563.5 | 1563.5 |
| 2.5° | 1547.4 | 1546.0 | 1545.2 | 1546.8 | 1547.4 | 1550.5 | 1549.8 | 1551.3 | 1551.3 | 1552.0 | 1553.6 |
| 5° | 1516.2 | 1515.4 | 1516.2 | 1516.2 | 1519.2 | 1522.2 | 1521.6 | 1523.8 | 1525.3 | 1529.1 | 1530.7 |
| 7.5° | 1487.1 | 1487.1 | 1486.4 | 1489.4 | 1491.0 | 1495.6 | 1494.8 | 1498.6 | 1500.9 | 1504.7 | 1510.1 |
| 10° | 1457.4 | 1457.4 | 1458.1 | 1460.5 | 1461.3 | 1468.0 | 1468.0 | 1473.4 | 1476.4 | 1480.3 | 1487.1 |
| 12.5° | 1428.4 | 1428.4 | 1432.9 | 1431.4 | 1434.5 | 1439.8 | 1442.1 | 1447.4 | 1452.0 | 1459.7 | 1466.6 |
| 15° | 1400.9 | 1400.9 | 1402.4 | 1406.2 | 1408.5 | 1415.4 | 1419.2 | 1425.4 | 1430.7 | 1438.3 | 1448.2 |
| 17.5° | 1377.2 | 1376.4 | 1377.2 | 1381.8 | 1386.4 | 1392.5 | 1395.6 | 1403.2 | 1408.5 | 1418.4 | 1427.6 |
| 20° | 1353.6 | 1355.1 | 1355.1 | 1358.9 | 1361.9 | 1369.6 | 1372.6 | 1381.0 | 1387.1 | 1396.4 | 1407.0 |
| 22.5° | 1332.9 | 1332.2 | 1332.2 | 1337.5 | 1339.9 | 1346.6 | 1349.8 | 1357.3 | 1364.3 | 1371.8 | 1381.8 |
| 25° | 1312.3 | 1310.7 | 1313.9 | 1314.7 | 1316.1 | 1323.8 | 1326.0 | 1331.4 | 1338.3 | 1345.2 | 1355.1 |
| 27.5° | 1281.8 | 1280.2 | 1281.0 | 1284.1 | 1286.3 | 1292.5 | 1294.0 | 1299.4 | 1304.7 | 1310.7 | 1319.2 |
| 30° | 1223.0 | 1221.5 | 1220.7 | 1226.0 | 1228.4 | 1232.9 | 1235.2 | 1244.4 | 1245.9 | 1252.8 | 1258.9 |
| 32.5° | 1145.1 | 1144.4 | 1145.9 | 1150.4 | 1152.8 | 1158.9 | 1161.9 | 1167.3 | 1171.1 | 1175.0 | 1181.0 |
| 35° | 1058.1 | 1056.6 | 1058.1 | 1062.7 | 1062.7 | 1068.1 | 1070.3 | 1072.6 | 1071.9 | 1072.6 | 1071.1 |
| 37.5° | 977.2 | 976.4 | 977.2 | 979.4 | 977.2 | 979.4 | 977.2 | 972.6 | 964.2 | 955.0 | 945.9 |
| 40° | 908.4 | 909.2 | 904.7 | 907.8 | 899.3 | 897.8 | 889.4 | 878.0 | 861.2 | 842.8 | 816.9 |
| 42.5° | 835.2 | 833.0 | 829.9 | 831.4 | 824.5 | 819.1 | 805.4 | 790.9 | 769.5 | 739.0 | 707.7 |
| 45° | 745.1 | 744.3 | 742.8 | 742.1 | 737.4 | 732.2 | 720.7 | 703.9 | 680.2 | 648.9 | 611.6 |
| 47.5° | 657.3 | 655.0 | 655.0 | 655.8 | 650.5 | 649.7 | 640.5 | 626.1 | 605.4 | 574.9 | 535.9 |
| 50° | 573.3 | 572.5 | 574.1 | 577.1 | 573.3 | 571.8 | 565.8 | 555.8 | 537.4 | 511.5 | 474.9 |
| 52.5° | 497.7 | 497.0 | 498.5 | 502.3 | 500.8 | 502.3 | 496.2 | 488.6 | 476.3 | 451.1 | 419.2 |
| 55° | 423.7 | 423.7 | 423.7 | 428.3 | 428.3 | 428.3 | 425.2 | 420.6 | 409.2 | 390.8 | 361.1 |
| 57.5° | 346.6 | 347.4 | 351.9 | 352.7 | 351.9 | 353.5 | 352.7 | 348.1 | 340.5 | 327.5 | 304.7 |
| 60° | 281.7 | 281.7 | 284.0 | 286.3 | 285.5 | 286.3 | 286.3 | 284.0 | 276.4 | 265.7 | 247.4 |
| 62.5° | 222.9 | 225.2 | 223.6 | 225.2 | 228.3 | 225.2 | 223.6 | 222.2 | 216.8 | 209.9 | 194.6 |
| 65° | 168.8 | 170.2 | 170.2 | 171.0 | 169.4 | 170.2 | 167.2 | 164.9 | 161.9 | 154.2 | 144.3 |
| 67.5° | 128.2 | 128.2 | 128.2 | 128.2 | 127.5 | 126.7 | 126.0 | 123.6 | 118.4 | 115.3 | 104.6 |
| 70° | 98.4 | 93.9 | 93.9 | 93.9 | 93.9 | 94.7 | 92.4 | 89.3 | 87.8 | 82.5 | 74.8 |
| 72.5° | 65.6 | 67.2 | 65.6 | 65.6 | 64.1 | 64.9 | 61.9 | 60.3 | 58.8 | 55.8 | 51.2 |
| 75° | 47.4 | 43.5 | 45.0 | 45.8 | 43.5 | 45.0 | 42.0 | 38.9 | 38.9 | 36.7 | 34.3 |
| 77.5° | 30.5 | 29.8 | 30.5 | 31.3 | 30.5 | 29.8 | 28.2 | 26.7 | 26.7 | 26.0 | 23.6 |
| 80° | 22.2 | 21.4 | 21.4 | 21.4 | 20.6 | 21.4 | 19.9 | 19.9 | 18.3 | 17.6 | 16.0 |
| 82.5° | 14.5 | 14.5 | 13.7 | 14.5 | 13.7 | 14.5 | 12.3 | 12.3 | 12.3 | 11.5 | 9.9 |
| 85° | 9.9 | 8.4 | 8.4 | 9.2 | 7.6 | 9.2 | 8.4 | 7.6 | 6.9 | 6.9 | 6.1 |
| 87.5° | 4.6 | 5.3 | 4.6 | 5.3 | 4.6 | 4.6 | 5.3 | 4.6 | 4.6 | 3.0 | 3.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



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CATALOG NUMBER: LSR8B40D010 EC8B40927 8LBSW0B

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1563.5 | 1563.5 | 1563.5 | 1563.5 | 1563.5 | 1563.5 | 1563.5 | 1563.5 | 1563.5 | 1563.5 | 1563.5 |
| 2.5° | 1555.9 | 1556.7 | 1556.7 | 1559.7 | 1561.2 | 1562.0 | 1562.0 | 1568.1 | 1565.8 | 1567.4 | 1568.8 |
| 5° | 1533.7 | 1538.3 | 1539.8 | 1539.8 | 1548.2 | 1551.3 | 1554.3 | 1561.2 | 1562.0 | 1566.6 | 1571.9 |
| 7.5° | 1512.3 | 1517.7 | 1520.8 | 1527.6 | 1532.9 | 1538.3 | 1547.4 | 1552.0 | 1556.7 | 1562.7 | 1569.6 |
| 10° | 1491.8 | 1497.8 | 1503.9 | 1509.3 | 1517.7 | 1524.6 | 1530.7 | 1541.4 | 1546.8 | 1555.1 | 1564.2 |
| 12.5° | 1472.0 | 1480.3 | 1485.7 | 1494.8 | 1503.9 | 1510.1 | 1519.2 | 1529.1 | 1537.5 | 1546.0 | 1556.7 |
| 15° | 1454.3 | 1464.3 | 1470.4 | 1480.3 | 1490.2 | 1498.6 | 1508.5 | 1520.8 | 1526.9 | 1536.8 | 1546.8 |
| 17.5° | 1435.3 | 1446.0 | 1453.6 | 1462.7 | 1475.0 | 1484.1 | 1492.5 | 1504.7 | 1512.3 | 1523.0 | 1534.5 |
| 20° | 1415.4 | 1426.0 | 1435.3 | 1444.4 | 1456.6 | 1465.8 | 1475.7 | 1487.9 | 1496.4 | 1507.0 | 1516.2 |
| 22.5° | 1391.7 | 1401.6 | 1411.5 | 1422.2 | 1434.5 | 1442.1 | 1453.6 | 1464.3 | 1473.4 | 1483.3 | 1492.5 |
| 25° | 1361.2 | 1373.4 | 1381.0 | 1391.0 | 1400.9 | 1409.3 | 1421.6 | 1432.2 | 1439.8 | 1449.0 | 1457.4 |
| 27.5° | 1325.4 | 1334.5 | 1340.6 | 1349.0 | 1358.9 | 1366.5 | 1375.6 | 1386.4 | 1394.0 | 1402.4 | 1408.5 |
| 30° | 1264.3 | 1272.6 | 1278.0 | 1284.1 | 1294.0 | 1301.0 | 1308.5 | 1318.4 | 1323.8 | 1329.9 | 1335.3 |
| 32.5° | 1184.1 | 1190.9 | 1194.0 | 1198.6 | 1205.4 | 1212.3 | 1218.5 | 1226.8 | 1229.2 | 1232.9 | 1232.9 |
| 35° | 1068.1 | 1069.5 | 1068.8 | 1070.3 | 1073.4 | 1077.2 | 1082.6 | 1087.9 | 1090.9 | 1090.9 | 1088.7 |
| 37.5° | 932.2 | 923.0 | 913.0 | 905.4 | 903.2 | 901.6 | 904.7 | 907.0 | 910.0 | 911.5 | 907.8 |
| 40° | 790.9 | 770.3 | 748.1 | 728.3 | 714.6 | 708.5 | 706.2 | 707.7 | 707.7 | 713.0 | 713.0 |
| 42.5° | 669.5 | 637.4 | 604.7 | 574.9 | 555.0 | 539.8 | 532.9 | 532.9 | 533.6 | 537.4 | 539.8 |
| 45° | 568.8 | 528.3 | 490.2 | 457.3 | 429.9 | 410.0 | 400.8 | 398.5 | 397.8 | 399.3 | 404.7 |
| 47.5° | 491.6 | 449.7 | 410.0 | 369.6 | 340.5 | 320.6 | 312.3 | 309.2 | 306.1 | 309.2 | 309.9 |
| 50° | 431.3 | 387.8 | 345.8 | 305.3 | 274.8 | 257.3 | 246.6 | 242.0 | 241.2 | 241.2 | 242.8 |
| 52.5° | 376.3 | 335.9 | 294.0 | 252.7 | 220.6 | 203.8 | 194.0 | 191.6 | 188.5 | 191.6 | 191.6 |
| 55° | 324.4 | 284.0 | 242.8 | 203.8 | 177.1 | 159.5 | 150.4 | 147.4 | 145.8 | 148.0 | 148.0 |
| 57.5° | 268.0 | 233.6 | 195.4 | 160.3 | 133.6 | 121.4 | 114.5 | 110.7 | 109.9 | 111.5 | 109.9 |
| 60° | 219.8 | 190.9 | 158.1 | 126.0 | 105.4 | 92.4 | 87.1 | 85.5 | 83.9 | 85.5 | 85.5 |
| 62.5° | 174.0 | 149.6 | 122.8 | 98.4 | 80.9 | 71.8 | 65.6 | 65.6 | 64.9 | 64.9 | 65.6 |
| 65° | 129.0 | 109.9 | 90.9 | 70.2 | 56.5 | 49.6 | 45.0 | 45.0 | 44.3 | 45.0 | 44.3 |
| 67.5° | 93.9 | 80.9 | 65.6 | 51.2 | 40.5 | 36.7 | 33.6 | 31.3 | 32.8 | 31.3 | 30.5 |
| 70° | 68.7 | 58.0 | 47.4 | 38.9 | 31.3 | 27.4 | 25.2 | 24.4 | 23.0 | 23.0 | 23.0 |
| 72.5° | 45.8 | 38.9 | 32.1 | 25.2 | 20.6 | 16.8 | 16.0 | 14.5 | 12.9 | 13.7 | 15.3 |
| 75° | 30.5 | 26.0 | 23.0 | 18.3 | 13.7 | 13.7 | 9.2 | 9.2 | 7.6 | 9.2 | 6.9 |
| 77.5° | 21.4 | 17.6 | 13.7 | 11.5 | 9.2 | 8.4 | 6.1 | 6.1 | 5.3 | 5.3 | 5.3 |
| 80° | 15.3 | 12.9 | 9.9 | 8.4 | 6.1 | 6.1 | 5.3 | 4.6 | 3.8 | 3.8 | 4.6 |
| 82.5° | 9.2 | 6.9 | 6.9 | 6.1 | 3.8 | 3.0 | 2.2 | 3.0 | 1.6 | 1.6 | 1.6 |
| 85° | 5.3 | 4.6 | 3.8 | 2.2 | 1.6 | 1.6 | 0.8 | 0.0 | 0.8 | 0.8 | 0.0 |
| 87.5° | 3.0 | 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 |



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CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1563.5 | 1563.5 | 1563.5 | 1563.5 | 1563.5 | 1563.5 | 1563.5 | 1563.5 | 1563.5 | 1563.5 | 1563.5 |
| 2.5° | 1572.6 | 1571.9 | 1573.4 | 1573.4 | 1578.0 | 1577.2 | 1579.5 | 1579.5 | 1578.0 | 1578.8 | 1581.9 |
| 5° | 1578.0 | 1580.3 | 1584.9 | 1588.7 | 1595.6 | 1598.6 | 1602.4 | 1606.3 | 1607.1 | 1609.3 | 1611.6 |
| 7.5° | 1578.0 | 1585.7 | 1591.0 | 1597.8 | 1607.1 | 1612.4 | 1620.8 | 1627.6 | 1630.7 | 1634.5 | 1639.1 |
| 10° | 1574.9 | 1582.5 | 1592.6 | 1600.1 | 1611.6 | 1620.0 | 1628.4 | 1639.1 | 1643.6 | 1649.8 | 1655.9 |
| 12.5° | 1568.8 | 1577.2 | 1587.9 | 1597.8 | 1610.8 | 1618.4 | 1629.1 | 1639.1 | 1646.0 | 1654.3 | 1661.2 |
| 15° | 1559.7 | 1569.6 | 1579.5 | 1589.4 | 1603.2 | 1612.4 | 1622.2 | 1633.7 | 1640.6 | 1649.8 | 1655.9 |
| 17.5° | 1545.2 | 1555.9 | 1565.0 | 1574.2 | 1587.1 | 1597.8 | 1607.1 | 1617.8 | 1624.6 | 1632.3 | 1640.6 |
| 20° | 1527.6 | 1537.5 | 1547.4 | 1555.1 | 1568.1 | 1577.2 | 1587.1 | 1597.0 | 1602.4 | 1604.0 | 1617.0 |
| 22.5° | 1505.5 | 1512.3 | 1520.0 | 1532.2 | 1539.8 | 1548.2 | 1557.4 | 1566.6 | 1571.9 | 1580.3 | 1584.9 |
| 25° | 1468.8 | 1475.7 | 1484.1 | 1489.4 | 1498.6 | 1505.5 | 1514.6 | 1524.6 | 1527.6 | 1533.7 | 1538.3 |
| 27.5° | 1417.7 | 1421.6 | 1425.4 | 1429.9 | 1435.3 | 1439.1 | 1444.4 | 1449.0 | 1452.0 | 1455.1 | 1458.1 |
| 30° | 1336.7 | 1336.7 | 1336.7 | 1333.7 | 1336.0 | 1338.3 | 1339.1 | 1338.3 | 1338.3 | 1337.5 | 1337.5 |
| 32.5° | 1229.9 | 1223.8 | 1216.9 | 1210.8 | 1208.5 | 1205.4 | 1204.0 | 1201.6 | 1197.8 | 1195.5 | 1196.3 |
| 35° | 1085.6 | 1071.9 | 1063.5 | 1055.8 | 1049.7 | 1045.1 | 1042.9 | 1040.5 | 1039.8 | 1036.8 | 1033.6 |
| 37.5° | 905.4 | 895.5 | 889.4 | 884.8 | 879.5 | 874.9 | 875.6 | 876.4 | 878.7 | 877.2 | 878.0 |
| 40° | 714.6 | 712.2 | 714.6 | 709.2 | 707.7 | 709.2 | 713.0 | 718.4 | 721.5 | 724.5 | 729.8 |
| 42.5° | 543.6 | 547.3 | 552.7 | 552.7 | 555.0 | 558.1 | 562.6 | 571.1 | 575.7 | 580.9 | 587.1 |
| 45° | 409.2 | 413.8 | 420.6 | 422.9 | 424.5 | 428.3 | 433.7 | 440.4 | 443.6 | 448.1 | 453.5 |
| 47.5° | 315.3 | 318.4 | 322.2 | 326.0 | 329.7 | 331.3 | 336.7 | 336.7 | 340.5 | 343.6 | 345.0 |
| 50° | 245.8 | 248.8 | 251.9 | 254.2 | 255.7 | 258.1 | 259.5 | 261.9 | 262.6 | 264.2 | 264.9 |
| 52.5° | 192.4 | 196.2 | 196.2 | 197.7 | 200.0 | 202.3 | 201.6 | 202.3 | 203.1 | 203.1 | 205.3 |
| 55° | 150.4 | 150.4 | 152.7 | 152.7 | 154.2 | 153.5 | 154.2 | 154.2 | 154.2 | 154.2 | 155.0 |
| 57.5° | 112.2 | 113.0 | 115.3 | 113.7 | 113.0 | 114.5 | 113.0 | 114.5 | 113.7 | 115.3 | 113.0 |
| 60° | 86.3 | 86.3 | 87.1 | 87.1 | 87.8 | 87.8 | 87.8 | 87.1 | 87.1 | 86.3 | 86.3 |
| 62.5° | 64.9 | 65.6 | 66.4 | 65.6 | 65.6 | 65.6 | 64.9 | 64.9 | 64.1 | 63.3 | 63.3 |
| 65° | 43.5 | 42.8 | 44.3 | 42.8 | 43.5 | 43.5 | 42.8 | 43.5 | 41.2 | 42.0 | 41.2 |
| 67.5° | 31.3 | 30.5 | 29.8 | 30.5 | 29.8 | 29.0 | 29.0 | 29.8 | 30.5 | 28.2 | 28.2 |
| 70° | 20.6 | 21.4 | 20.6 | 21.4 | 22.2 | 22.2 | 21.4 | 20.6 | 21.4 | 19.9 | 20.6 |
| 72.5° | 12.9 | 12.9 | 12.9 | 12.9 | 12.9 | 13.7 | 13.7 | 13.7 | 12.3 | 12.3 | 11.5 |
| 75° | 6.1 | 8.4 | 6.9 | 6.1 | 8.4 | 8.4 | 7.6 | 7.6 | 6.9 | 6.9 | 6.9 |
| 77.5° | 6.1 | 4.6 | 4.6 | 4.6 | 4.6 | 4.6 | 4.6 | 4.6 | 3.8 | 4.6 | 3.8 |
| 80° | 3.0 | 3.0 | 3.0 | 2.2 | 3.0 | 3.0 | 3.8 | 3.0 | 3.0 | 2.2 | 3.8 |
| 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: P245950

CATALOG NUMBER: LSR8B40D010 EC8B40927 8LBSW0B

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1563.5 | 1563.5 | 1563.5 | 1563.5 | 1563.5 | 1563.5 | 1563.5 | 1563.5 | 1563.5 | 1563.5 | 1563.5 |
| 2.5° | 1581.1 | 1580.3 | 1581.1 | 1581.9 | 1581.1 | 1580.3 | 1581.1 | 1581.9 | 1578.8 | 1578.0 | 1579.5 |
| 5° | 1614.7 | 1614.7 | 1616.2 | 1617.0 | 1616.2 | 1614.7 | 1614.7 | 1611.6 | 1609.3 | 1607.1 | 1606.3 |
| 7.5° | 1643.6 | 1645.2 | 1646.7 | 1647.4 | 1646.7 | 1645.2 | 1643.6 | 1639.1 | 1634.5 | 1630.7 | 1627.6 |
| 10° | 1661.2 | 1663.5 | 1666.6 | 1668.0 | 1666.6 | 1663.5 | 1661.2 | 1655.9 | 1649.8 | 1643.6 | 1639.1 |
| 12.5° | 1668.8 | 1671.2 | 1675.0 | 1674.2 | 1675.0 | 1671.2 | 1668.8 | 1661.2 | 1654.3 | 1646.0 | 1639.1 |
| 15° | 1663.5 | 1666.6 | 1670.4 | 1671.9 | 1670.4 | 1666.6 | 1663.5 | 1655.9 | 1649.8 | 1640.6 | 1633.7 |
| 17.5° | 1646.7 | 1651.3 | 1653.6 | 1655.9 | 1653.6 | 1651.3 | 1646.7 | 1640.6 | 1632.3 | 1624.6 | 1617.8 |
| 20° | 1623.8 | 1626.9 | 1629.9 | 1630.7 | 1629.9 | 1626.9 | 1623.8 | 1617.0 | 1604.0 | 1602.4 | 1597.0 |
| 22.5° | 1591.0 | 1593.3 | 1600.1 | 1597.8 | 1600.1 | 1593.3 | 1591.0 | 1584.9 | 1580.3 | 1571.9 | 1566.6 |
| 25° | 1543.6 | 1546.0 | 1546.8 | 1547.4 | 1546.8 | 1546.0 | 1543.6 | 1538.3 | 1533.7 | 1527.6 | 1524.6 |
| 27.5° | 1461.9 | 1461.9 | 1463.5 | 1464.3 | 1463.5 | 1461.9 | 1461.9 | 1458.1 | 1455.1 | 1452.0 | 1449.0 |
| 30° | 1338.3 | 1338.3 | 1338.3 | 1342.1 | 1338.3 | 1338.3 | 1338.3 | 1337.5 | 1337.5 | 1338.3 | 1338.3 |
| 32.5° | 1195.5 | 1194.0 | 1192.5 | 1194.0 | 1192.5 | 1194.0 | 1195.5 | 1196.3 | 1195.5 | 1197.8 | 1201.6 |
| 35° | 1033.6 | 1032.9 | 1035.2 | 1032.2 | 1035.2 | 1032.9 | 1033.6 | 1033.6 | 1036.8 | 1039.8 | 1040.5 |
| 37.5° | 878.7 | 877.2 | 880.2 | 877.2 | 880.2 | 877.2 | 878.7 | 878.0 | 877.2 | 878.7 | 876.4 |
| 40° | 731.4 | 732.9 | 732.9 | 739.0 | 732.9 | 732.9 | 731.4 | 729.8 | 724.5 | 721.5 | 718.4 |
| 42.5° | 590.2 | 594.7 | 593.2 | 597.7 | 593.2 | 594.7 | 590.2 | 587.1 | 580.9 | 575.7 | 571.1 |
| 45° | 456.5 | 459.6 | 459.6 | 461.1 | 459.6 | 459.6 | 456.5 | 453.5 | 448.1 | 443.6 | 440.4 |
| 47.5° | 350.4 | 350.4 | 350.4 | 351.2 | 350.4 | 350.4 | 350.4 | 345.0 | 343.6 | 340.5 | 336.7 |
| 50° | 266.4 | 267.2 | 268.0 | 268.8 | 268.0 | 267.2 | 266.4 | 264.9 | 264.2 | 262.6 | 261.9 |
| 52.5° | 204.6 | 205.3 | 203.8 | 205.3 | 203.8 | 205.3 | 204.6 | 205.3 | 203.1 | 203.1 | 202.3 |
| 55° | 155.0 | 154.2 | 155.0 | 155.7 | 155.0 | 154.2 | 155.0 | 155.0 | 154.2 | 154.2 | 154.2 |
| 57.5° | 113.7 | 112.2 | 112.2 | 112.2 | 112.2 | 112.2 | 113.7 | 113.0 | 115.3 | 113.7 | 114.5 |
| 60° | 84.7 | 85.5 | 85.5 | 86.3 | 85.5 | 85.5 | 84.7 | 86.3 | 86.3 | 87.1 | 87.1 |
| 62.5° | 62.6 | 64.9 | 63.3 | 64.9 | 63.3 | 64.9 | 62.6 | 63.3 | 63.3 | 64.1 | 64.9 |
| 65° | 40.5 | 40.5 | 40.5 | 41.2 | 40.5 | 40.5 | 40.5 | 41.2 | 42.0 | 41.2 | 43.5 |
| 67.5° | 27.4 | 28.2 | 29.8 | 29.0 | 29.8 | 28.2 | 27.4 | 28.2 | 28.2 | 30.5 | 29.8 |
| 70° | 22.2 | 19.9 | 19.9 | 22.2 | 19.9 | 19.9 | 22.2 | 20.6 | 19.9 | 21.4 | 20.6 |
| 72.5° | 12.9 | 11.5 | 12.9 | 12.9 | 12.9 | 11.5 | 12.9 | 11.5 | 12.3 | 12.3 | 13.7 |
| 75° | 6.9 | 6.1 | 5.3 | 7.6 | 5.3 | 6.1 | 6.9 | 6.9 | 6.9 | 6.9 | 7.6 |
| 77.5° | 4.6 | 3.8 | 5.3 | 5.3 | 5.3 | 3.8 | 4.6 | 3.8 | 4.6 | 3.8 | 4.6 |
| 80° | 2.2 | 3.0 | 2.2 | 3.8 | 2.2 | 3.0 | 2.2 | 3.8 | 2.2 | 3.0 | 3.0 |
| 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: P245950

CATALOG NUMBER: LSR8B40D010 EC8B40927 8LBSW0B

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1563.5 | 1563.5 | 1563.5 | 1563.5 | 1563.5 | 1563.5 | 1563.5 | 1563.5 | 1563.5 | 1563.5 | 1563.5 |
| 2.5° | 1579.5 | 1577.2 | 1578.0 | 1573.4 | 1573.4 | 1571.9 | 1572.6 | 1568.8 | 1567.4 | 1565.8 | 1568.1 |
| 5° | 1602.4 | 1598.6 | 1595.6 | 1588.7 | 1584.9 | 1580.3 | 1578.0 | 1571.9 | 1566.6 | 1562.0 | 1561.2 |
| 7.5° | 1620.8 | 1612.4 | 1607.1 | 1597.8 | 1591.0 | 1585.7 | 1578.0 | 1569.6 | 1562.7 | 1556.7 | 1552.0 |
| 10° | 1628.4 | 1620.0 | 1611.6 | 1600.1 | 1592.6 | 1582.5 | 1574.9 | 1564.2 | 1555.1 | 1546.8 | 1541.4 |
| 12.5° | 1629.1 | 1618.4 | 1610.8 | 1597.8 | 1587.9 | 1577.2 | 1568.8 | 1556.7 | 1546.0 | 1537.5 | 1529.1 |
| 15° | 1622.2 | 1612.4 | 1603.2 | 1589.4 | 1579.5 | 1569.6 | 1559.7 | 1546.8 | 1536.8 | 1526.9 | 1520.8 |
| 17.5° | 1607.1 | 1597.8 | 1587.1 | 1574.2 | 1565.0 | 1555.9 | 1545.2 | 1534.5 | 1523.0 | 1512.3 | 1504.7 |
| 20° | 1587.1 | 1577.2 | 1568.1 | 1555.1 | 1547.4 | 1537.5 | 1527.6 | 1516.2 | 1507.0 | 1496.4 | 1487.9 |
| 22.5° | 1557.4 | 1548.2 | 1539.8 | 1532.2 | 1520.0 | 1512.3 | 1505.5 | 1492.5 | 1483.3 | 1473.4 | 1464.3 |
| 25° | 1514.6 | 1505.5 | 1498.6 | 1489.4 | 1484.1 | 1475.7 | 1468.8 | 1457.4 | 1449.0 | 1439.8 | 1432.2 |
| 27.5° | 1444.4 | 1439.1 | 1435.3 | 1429.9 | 1425.4 | 1421.6 | 1417.7 | 1408.5 | 1402.4 | 1394.0 | 1386.4 |
| 30° | 1339.1 | 1338.3 | 1336.0 | 1333.7 | 1336.7 | 1336.7 | 1336.7 | 1335.3 | 1329.9 | 1323.8 | 1318.4 |
| 32.5° | 1204.0 | 1205.4 | 1208.5 | 1210.8 | 1216.9 | 1223.8 | 1229.9 | 1232.9 | 1232.9 | 1229.2 | 1226.8 |
| 35° | 1042.9 | 1045.1 | 1049.7 | 1055.8 | 1063.5 | 1071.9 | 1085.6 | 1088.7 | 1090.9 | 1090.9 | 1087.9 |
| 37.5° | 875.6 | 874.9 | 879.5 | 884.8 | 889.4 | 895.5 | 905.4 | 907.8 | 911.5 | 910.0 | 907.0 |
| 40° | 713.0 | 709.2 | 707.7 | 709.2 | 714.6 | 712.2 | 714.6 | 713.0 | 713.0 | 707.7 | 707.7 |
| 42.5° | 562.6 | 558.1 | 555.0 | 552.7 | 552.7 | 547.3 | 543.6 | 539.8 | 537.4 | 533.6 | 532.9 |
| 45° | 433.7 | 428.3 | 424.5 | 422.9 | 420.6 | 413.8 | 409.2 | 404.7 | 399.3 | 397.8 | 398.5 |
| 47.5° | 336.7 | 331.3 | 329.7 | 326.0 | 322.2 | 318.4 | 315.3 | 309.9 | 309.2 | 306.1 | 309.2 |
| 50° | 259.5 | 258.1 | 255.7 | 254.2 | 251.9 | 248.8 | 245.8 | 242.8 | 241.2 | 241.2 | 242.0 |
| 52.5° | 201.6 | 202.3 | 200.0 | 197.7 | 196.2 | 196.2 | 192.4 | 191.6 | 191.6 | 188.5 | 191.6 |
| 55° | 154.2 | 153.5 | 154.2 | 152.7 | 152.7 | 150.4 | 150.4 | 148.0 | 148.0 | 145.8 | 147.4 |
| 57.5° | 113.0 | 114.5 | 113.0 | 113.7 | 115.3 | 113.0 | 112.2 | 109.9 | 111.5 | 109.9 | 110.7 |
| 60° | 87.8 | 87.8 | 87.8 | 87.1 | 87.1 | 86.3 | 86.3 | 85.5 | 85.5 | 83.9 | 85.5 |
| 62.5° | 64.9 | 65.6 | 65.6 | 65.6 | 66.4 | 65.6 | 64.9 | 65.6 | 64.9 | 64.9 | 65.6 |
| 65° | 42.8 | 43.5 | 43.5 | 42.8 | 44.3 | 42.8 | 43.5 | 44.3 | 45.0 | 44.3 | 45.0 |
| 67.5° | 29.0 | 29.0 | 29.8 | 30.5 | 29.8 | 30.5 | 31.3 | 30.5 | 31.3 | 32.8 | 31.3 |
| 70° | 21.4 | 22.2 | 22.2 | 21.4 | 20.6 | 21.4 | 20.6 | 23.0 | 23.0 | 23.0 | 24.4 |
| 72.5° | 13.7 | 13.7 | 12.9 | 12.9 | 12.9 | 12.9 | 12.9 | 15.3 | 13.7 | 12.9 | 14.5 |
| 75° | 7.6 | 8.4 | 8.4 | 6.1 | 6.9 | 8.4 | 6.1 | 6.9 | 9.2 | 7.6 | 9.2 |
| 77.5° | 4.6 | 4.6 | 4.6 | 4.6 | 4.6 | 4.6 | 6.1 | 5.3 | 5.3 | 5.3 | 6.1 |
| 80° | 3.8 | 3.0 | 3.0 | 2.2 | 3.0 | 3.0 | 3.0 | 4.6 | 3.8 | 3.8 | 4.6 |
| 82.5° | 1.6 | 1.6 | 0.8 | 0.0 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 3.0 |
| 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: P245950

CATALOG NUMBER: LSR8B40D010 EC8B40927 8LBSW0B

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1563.5 | 1563.5 | 1563.5 | 1563.5 | 1563.5 | 1563.5 | 1563.5 | 1563.5 | 1563.5 | 1563.5 | 1563.5 |
| 2.5° | 1562.0 | 1562.0 | 1561.2 | 1559.7 | 1556.7 | 1556.7 | 1555.9 | 1553.6 | 1552.0 | 1551.3 | 1551.3 |
| 5° | 1554.3 | 1551.3 | 1548.2 | 1539.8 | 1539.8 | 1538.3 | 1533.7 | 1530.7 | 1529.1 | 1525.3 | 1523.8 |
| 7.5° | 1547.4 | 1538.3 | 1532.9 | 1527.6 | 1520.8 | 1517.7 | 1512.3 | 1510.1 | 1504.7 | 1500.9 | 1498.6 |
| 10° | 1530.7 | 1524.6 | 1517.7 | 1509.3 | 1503.9 | 1497.8 | 1491.8 | 1487.1 | 1480.3 | 1476.4 | 1473.4 |
| 12.5° | 1519.2 | 1510.1 | 1503.9 | 1494.8 | 1485.7 | 1480.3 | 1472.0 | 1466.6 | 1459.7 | 1452.0 | 1447.4 |
| 15° | 1508.5 | 1498.6 | 1490.2 | 1480.3 | 1470.4 | 1464.3 | 1454.3 | 1448.2 | 1438.3 | 1430.7 | 1425.4 |
| 17.5° | 1492.5 | 1484.1 | 1475.0 | 1462.7 | 1453.6 | 1446.0 | 1435.3 | 1427.6 | 1418.4 | 1408.5 | 1403.2 |
| 20° | 1475.7 | 1465.8 | 1456.6 | 1444.4 | 1435.3 | 1426.0 | 1415.4 | 1407.0 | 1396.4 | 1387.1 | 1381.0 |
| 22.5° | 1453.6 | 1442.1 | 1434.5 | 1422.2 | 1411.5 | 1401.6 | 1391.7 | 1381.8 | 1371.8 | 1364.3 | 1357.3 |
| 25° | 1421.6 | 1409.3 | 1400.9 | 1391.0 | 1381.0 | 1373.4 | 1361.2 | 1355.1 | 1345.2 | 1338.3 | 1331.4 |
| 27.5° | 1375.6 | 1366.5 | 1358.9 | 1349.0 | 1340.6 | 1334.5 | 1325.4 | 1319.2 | 1310.7 | 1304.7 | 1299.4 |
| 30° | 1308.5 | 1301.0 | 1294.0 | 1284.1 | 1278.0 | 1272.6 | 1264.3 | 1258.9 | 1252.8 | 1245.9 | 1244.4 |
| 32.5° | 1218.5 | 1212.3 | 1205.4 | 1198.6 | 1194.0 | 1190.9 | 1184.1 | 1181.0 | 1175.0 | 1171.1 | 1167.3 |
| 35° | 1082.6 | 1077.2 | 1073.4 | 1070.3 | 1068.8 | 1069.5 | 1068.1 | 1071.1 | 1072.6 | 1071.9 | 1072.6 |
| 37.5° | 904.7 | 901.6 | 903.2 | 905.4 | 913.0 | 923.0 | 932.2 | 945.9 | 955.0 | 964.2 | 972.6 |
| 40° | 706.2 | 708.5 | 714.6 | 728.3 | 748.1 | 770.3 | 790.9 | 816.9 | 842.8 | 861.2 | 878.0 |
| 42.5° | 532.9 | 539.8 | 555.0 | 574.9 | 604.7 | 637.4 | 669.5 | 707.7 | 739.0 | 769.5 | 790.9 |
| 45° | 400.8 | 410.0 | 429.9 | 457.3 | 490.2 | 528.3 | 568.8 | 611.6 | 648.9 | 680.2 | 703.9 |
| 47.5° | 312.3 | 320.6 | 340.5 | 369.6 | 410.0 | 449.7 | 491.6 | 535.9 | 574.9 | 605.4 | 626.1 |
| 50° | 246.6 | 257.3 | 274.8 | 305.3 | 345.8 | 387.8 | 431.3 | 474.9 | 511.5 | 537.4 | 555.8 |
| 52.5° | 194.0 | 203.8 | 220.6 | 252.7 | 294.0 | 335.9 | 376.3 | 419.2 | 451.1 | 476.3 | 488.6 |
| 55° | 150.4 | 159.5 | 177.1 | 203.8 | 242.8 | 284.0 | 324.4 | 361.1 | 390.8 | 409.2 | 420.6 |
| 57.5° | 114.5 | 121.4 | 133.6 | 160.3 | 195.4 | 233.6 | 268.0 | 304.7 | 327.5 | 340.5 | 348.1 |
| 60° | 87.1 | 92.4 | 105.4 | 126.0 | 158.1 | 190.9 | 219.8 | 247.4 | 265.7 | 276.4 | 284.0 |
| 62.5° | 65.6 | 71.8 | 80.9 | 98.4 | 122.8 | 149.6 | 174.0 | 194.6 | 209.9 | 216.8 | 222.2 |
| 65° | 45.0 | 49.6 | 56.5 | 70.2 | 90.9 | 109.9 | 129.0 | 144.3 | 154.2 | 161.9 | 164.9 |
| 67.5° | 33.6 | 36.7 | 40.5 | 51.2 | 65.6 | 80.9 | 93.9 | 104.6 | 115.3 | 118.4 | 123.6 |
| 70° | 25.2 | 27.4 | 31.3 | 38.9 | 47.4 | 58.0 | 68.7 | 74.8 | 82.5 | 87.8 | 89.3 |
| 72.5° | 16.0 | 16.8 | 20.6 | 25.2 | 32.1 | 38.9 | 45.8 | 51.2 | 55.8 | 58.8 | 60.3 |
| 75° | 9.2 | 13.7 | 13.7 | 18.3 | 23.0 | 26.0 | 30.5 | 34.3 | 36.7 | 38.9 | 38.9 |
| 77.5° | 6.1 | 8.4 | 9.2 | 11.5 | 13.7 | 17.6 | 21.4 | 23.6 | 26.0 | 26.7 | 26.7 |
| 80° | 5.3 | 6.1 | 6.1 | 8.4 | 9.9 | 12.9 | 15.3 | 16.0 | 17.6 | 18.3 | 19.9 |
| 82.5° | 2.2 | 3.0 | 3.8 | 6.1 | 6.9 | 6.9 | 9.2 | 9.9 | 11.5 | 12.3 | 12.3 |
| 85° | 0.8 | 1.6 | 1.6 | 2.2 | 3.8 | 4.6 | 5.3 | 6.1 | 6.9 | 6.9 | 7.6 |
| 87.5° | 0.8 | 0.8 | 0.0 | 0.8 | 1.6 | 1.6 | 3.0 | 3.0 | 3.0 | 4.6 | 4.6 |
| 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: P245950

CATALOG NUMBER: LSR8B40D010 EC8B40927 8LBSW0B

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|-------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1563.5 | 1563.5 | 1563.5 | 1563.5 | 1563.5 | 1563.5 | 1563.5 |
| 2.5° | 1549.8 | 1550.5 | 1547.4 | 1546.8 | 1545.2 | 1546.0 | 1547.4 |
| 5° | 1521.6 | 1522.2 | 1519.2 | 1516.2 | 1516.2 | 1515.4 | 1516.2 |
| 7.5° | 1494.8 | 1495.6 | 1491.0 | 1489.4 | 1486.4 | 1487.1 | 1487.1 |
| 10° | 1468.0 | 1468.0 | 1461.3 | 1460.5 | 1458.1 | 1457.4 | 1457.4 |
| 12.5° | 1442.1 | 1439.8 | 1434.5 | 1431.4 | 1432.9 | 1428.4 | 1428.4 |
| 15° | 1419.2 | 1415.4 | 1408.5 | 1406.2 | 1402.4 | 1400.9 | 1400.9 |
| 17.5° | 1395.6 | 1392.5 | 1386.4 | 1381.8 | 1377.2 | 1376.4 | 1377.2 |
| 20° | 1372.6 | 1369.6 | 1361.9 | 1358.9 | 1355.1 | 1355.1 | 1353.6 |
| 22.5° | 1349.8 | 1346.6 | 1339.9 | 1337.5 | 1332.2 | 1332.2 | 1332.9 |
| 25° | 1326.0 | 1323.8 | 1316.1 | 1314.7 | 1313.9 | 1310.7 | 1312.3 |
| 27.5° | 1294.0 | 1292.5 | 1286.3 | 1284.1 | 1281.0 | 1280.2 | 1281.8 |
| 30° | 1235.2 | 1232.9 | 1228.4 | 1226.0 | 1220.7 | 1221.5 | 1223.0 |
| 32.5° | 1161.9 | 1158.9 | 1152.8 | 1150.4 | 1145.9 | 1144.4 | 1145.1 |
| 35° | 1070.3 | 1068.1 | 1062.7 | 1062.7 | 1058.1 | 1056.6 | 1058.1 |
| 37.5° | 977.2 | 979.4 | 977.2 | 979.4 | 977.2 | 976.4 | 977.2 |
| 40° | 889.4 | 897.8 | 899.3 | 907.8 | 904.7 | 909.2 | 908.4 |
| 42.5° | 805.4 | 819.1 | 824.5 | 831.4 | 829.9 | 833.0 | 835.2 |
| 45° | 720.7 | 732.2 | 737.4 | 742.1 | 742.8 | 744.3 | 745.1 |
| 47.5° | 640.5 | 649.7 | 650.5 | 655.8 | 655.0 | 655.0 | 657.3 |
| 50° | 565.8 | 571.8 | 573.3 | 577.1 | 574.1 | 572.5 | 573.3 |
| 52.5° | 496.2 | 502.3 | 500.8 | 502.3 | 498.5 | 497.0 | 497.7 |
| 55° | 425.2 | 428.3 | 428.3 | 428.3 | 423.7 | 423.7 | 423.7 |
| 57.5° | 352.7 | 353.5 | 351.9 | 352.7 | 351.9 | 347.4 | 346.6 |
| 60° | 286.3 | 286.3 | 285.5 | 286.3 | 284.0 | 281.7 | 281.7 |
| 62.5° | 223.6 | 225.2 | 228.3 | 225.2 | 223.6 | 225.2 | 222.9 |
| 65° | 167.2 | 170.2 | 169.4 | 171.0 | 170.2 | 170.2 | 168.8 |
| 67.5° | 126.0 | 126.7 | 127.5 | 128.2 | 128.2 | 128.2 | 128.2 |
| 70° | 92.4 | 94.7 | 93.9 | 93.9 | 93.9 | 93.9 | 98.4 |
| 72.5° | 61.9 | 64.9 | 64.1 | 65.6 | 65.6 | 67.2 | 65.6 |
| 75° | 42.0 | 45.0 | 43.5 | 45.8 | 45.0 | 43.5 | 47.4 |
| 77.5° | 28.2 | 29.8 | 30.5 | 31.3 | 30.5 | 29.8 | 30.5 |
| 80° | 19.9 | 21.4 | 20.6 | 21.4 | 21.4 | 21.4 | 22.2 |
| 82.5° | 12.3 | 14.5 | 13.7 | 14.5 | 13.7 | 14.5 | 14.5 |
| 85° | 8.4 | 9.2 | 7.6 | 9.2 | 8.4 | 8.4 | 9.9 |
| 87.5° | 5.3 | 4.6 | 4.6 | 5.3 | 4.6 | 5.3 | 4.6 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)