

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: P245829

Luminaire Tested: **LSR8B30D010 EC8B30835 8LBSW0GPH**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P245829
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: LSR8B30D010 EC8B30835 8LBSW0GPH
Description: PORTFOLIO 8 INCH SINGLE WALL WASH DISTRIBUTION 60 DEGREE CUTOFF
RECESSED DOWNLIGHT- CYLINDEC
80 CRI 3500 CCT WITH GRAPHITE TRIM
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2863.0 lumens
Efficiency: N/A
Efficacy: 105.6 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

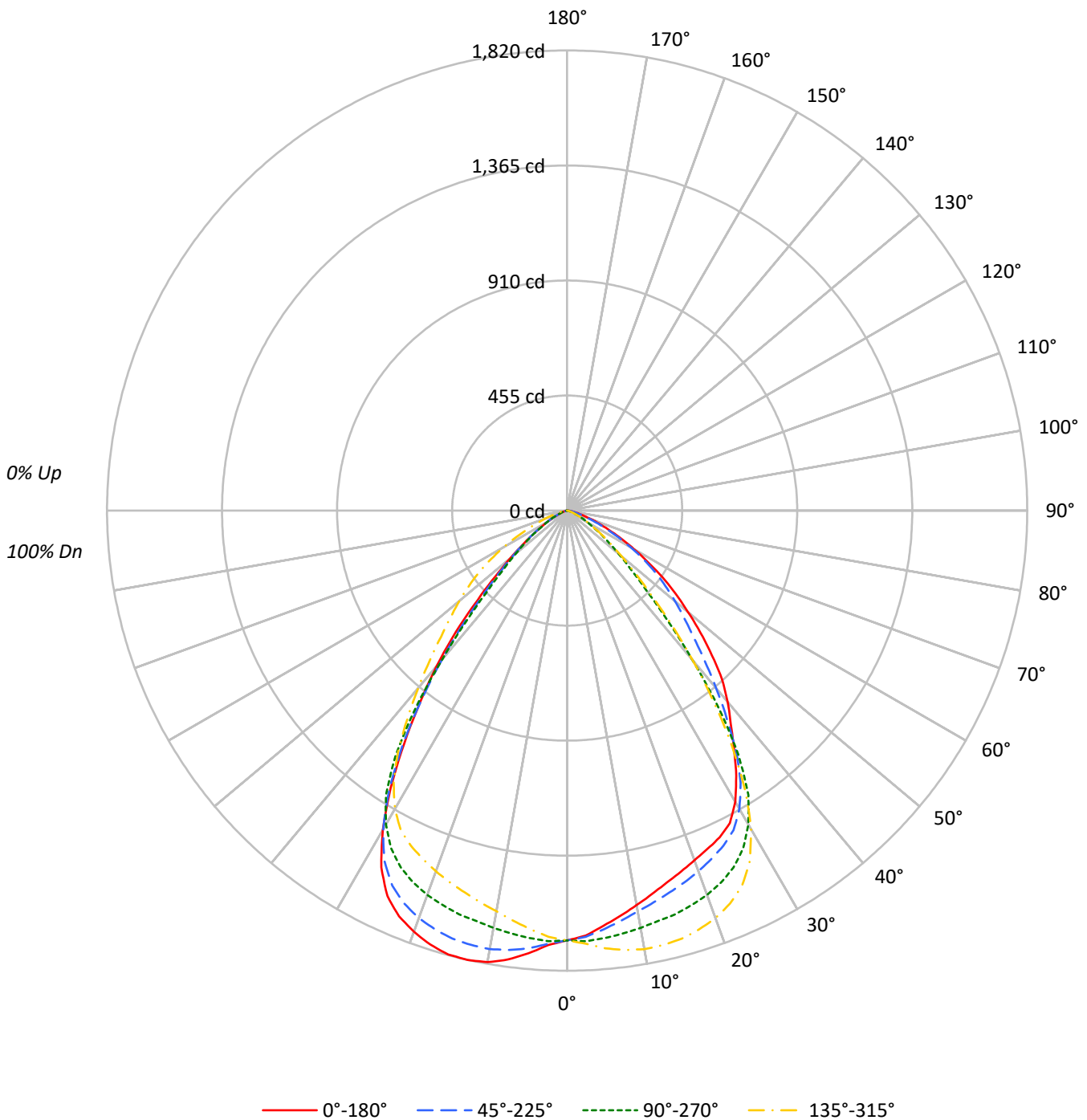
Input Watts (W): 27.1
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P245829

CATALOG NUMBER: LSR8B30D010 EC8B30835 8LBSW0GPH

Luminous Intensity Polar Plot





TEST NUMBER: P245829

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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° | 52412 | 52412 | 52412 | 52412 |
| 5° | 51019 | 52535 | 54411 | 52535 |
| 10° | 49608 | 52466 | 56781 | 52466 |
| 15° | 48617 | 52777 | 58022 | 52777 |
| 20° | 48284 | 53079 | 58172 | 53079 |
| 25° | 48539 | 52972 | 57239 | 52972 |
| 30° | 47339 | 51035 | 51950 | 51035 |
| 35° | 43302 | 44518 | 42241 | 44518 |
| 40° | 39755 | 30967 | 32340 | 30967 |
| 45° | 35323 | 18891 | 21861 | 18891 |
| 50° | 29901 | 12622 | 14013 | 12622 |
| 55° | 24763 | 8613 | 9102 | 8613 |
| 60° | 18884 | 5729 | 5785 | 5729 |
| 65° | 13382 | 3575 | 3269 | 3575 |
| 70° | 9656 | 2389 | 2173 | 2389 |
| 75° | 6124 | 1191 | 989 | 1191 |
| 80° | 4280 | 888 | 728 | 888 |
| 85° | 3821 | 0 | 283 | 0 |



TEST NUMBER: P245829

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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 161.8 | 5.7 |
| 10°-20° | 468.5 | 16.4 |
| 20°-30° | 709.4 | 24.8 |
| 30°-40° | 711.0 | 24.8 |
| 40°-50° | 446.5 | 15.6 |
| 50°-60° | 237.9 | 8.3 |
| 60°-70° | 97.8 | 3.4 |
| 70°-80° | 25.8 | 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° | 1339.6 | 46.8 |
| 0°-40° | 2050.6 | 71.6 |
| 0°-60° | 2735.0 | 95.5 |
| 0°-90° | 2863.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 2863.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0° | 1700 | 1700 | 1700 | 1700 | 1700 | |
| 5° | 1648 | 1697 | 1758 | 1697 | 1648 | 155 |
| 15° | 1523 | 1653 | 1818 | 1653 | 1523 | 431 |
| 25° | 1427 | 1557 | 1682 | 1557 | 1427 | 654 |
| 35° | 1150 | 1183 | 1122 | 1183 | 1150 | 721 |
| 45° | 810 | 433 | 501 | 433 | 810 | 623 |
| 55° | 461 | 160 | 169 | 160 | 461 | 411 |
| 65° | 183 | 49 | 45 | 49 | 183 | 190 |
| 75° | 51 | 10 | 8 | 10 | 51 | 58 |
| 85° | 11 | 0 | 1 | 0 | 11 | 12 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P245829

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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1699.7 | 1699.7 | 1699.7 | 1699.7 | 1699.7 | 1699.7 | 1699.7 | 1699.7 | 1699.7 | 1699.7 | 1699.7 |
| 2.5° | 1682.3 | 1680.6 | 1679.8 | 1681.4 | 1682.3 | 1685.6 | 1684.7 | 1686.4 | 1686.4 | 1687.2 | 1688.9 |
| 5° | 1648.2 | 1647.4 | 1648.2 | 1648.2 | 1651.5 | 1654.9 | 1654.0 | 1656.5 | 1658.2 | 1662.3 | 1664.0 |
| 7.5° | 1616.7 | 1616.7 | 1615.8 | 1619.2 | 1620.8 | 1625.8 | 1625.0 | 1629.1 | 1631.6 | 1635.8 | 1641.6 |
| 10° | 1584.3 | 1584.3 | 1585.1 | 1587.6 | 1588.5 | 1595.9 | 1595.9 | 1601.7 | 1605.0 | 1609.2 | 1616.7 |
| 12.5° | 1552.8 | 1552.8 | 1557.8 | 1556.1 | 1559.4 | 1565.2 | 1567.7 | 1573.5 | 1578.5 | 1586.8 | 1594.3 |
| 15° | 1522.9 | 1522.9 | 1524.6 | 1528.7 | 1531.2 | 1538.7 | 1542.8 | 1549.5 | 1555.3 | 1563.6 | 1574.4 |
| 17.5° | 1497.2 | 1496.4 | 1497.2 | 1502.2 | 1507.1 | 1513.8 | 1517.1 | 1525.4 | 1531.2 | 1542.0 | 1552.0 |
| 20° | 1471.4 | 1473.1 | 1473.1 | 1477.3 | 1480.6 | 1488.9 | 1492.2 | 1501.3 | 1508.0 | 1517.9 | 1529.6 |
| 22.5° | 1449.0 | 1448.2 | 1448.2 | 1454.0 | 1456.5 | 1464.0 | 1467.3 | 1475.6 | 1483.1 | 1491.4 | 1502.2 |
| 25° | 1426.6 | 1425.0 | 1428.3 | 1429.1 | 1430.8 | 1439.1 | 1441.6 | 1447.4 | 1454.8 | 1462.3 | 1473.1 |
| 27.5° | 1393.4 | 1391.8 | 1392.6 | 1395.9 | 1398.4 | 1405.0 | 1406.7 | 1412.5 | 1418.3 | 1425.0 | 1434.1 |
| 30° | 1329.5 | 1327.9 | 1327.1 | 1332.9 | 1335.4 | 1340.3 | 1342.8 | 1352.8 | 1354.4 | 1361.9 | 1368.5 |
| 32.5° | 1244.9 | 1244.0 | 1245.7 | 1250.7 | 1253.2 | 1259.8 | 1263.1 | 1268.9 | 1273.1 | 1277.2 | 1283.9 |
| 35° | 1150.3 | 1148.6 | 1150.3 | 1155.3 | 1155.3 | 1161.1 | 1163.6 | 1166.0 | 1165.2 | 1166.0 | 1164.4 |
| 37.5° | 1062.3 | 1061.5 | 1062.3 | 1064.8 | 1062.3 | 1064.8 | 1062.3 | 1057.3 | 1048.2 | 1038.2 | 1028.3 |
| 40° | 987.6 | 988.4 | 983.5 | 986.8 | 977.6 | 976.0 | 966.9 | 954.4 | 936.2 | 916.2 | 888.0 |
| 42.5° | 907.9 | 905.4 | 902.1 | 903.8 | 896.3 | 890.5 | 875.6 | 859.8 | 836.5 | 803.4 | 769.3 |
| 45° | 810.0 | 809.2 | 807.5 | 806.7 | 801.7 | 795.9 | 783.4 | 765.2 | 739.5 | 705.4 | 664.8 |
| 47.5° | 714.6 | 712.1 | 712.1 | 712.9 | 707.1 | 706.3 | 696.3 | 680.5 | 658.1 | 624.9 | 582.6 |
| 50° | 623.3 | 622.4 | 624.1 | 627.4 | 623.3 | 621.6 | 615.0 | 604.2 | 584.3 | 556.1 | 516.2 |
| 52.5° | 541.1 | 540.3 | 542.0 | 546.1 | 544.4 | 546.1 | 539.5 | 531.2 | 517.9 | 490.5 | 455.6 |
| 55° | 460.6 | 460.6 | 460.6 | 465.6 | 465.6 | 465.6 | 462.3 | 457.3 | 444.8 | 424.9 | 392.6 |
| 57.5° | 376.8 | 377.6 | 382.6 | 383.4 | 382.6 | 384.3 | 383.4 | 378.4 | 370.2 | 356.1 | 331.1 |
| 60° | 306.2 | 306.2 | 308.7 | 311.2 | 310.4 | 311.2 | 311.2 | 308.7 | 300.4 | 288.8 | 268.9 |
| 62.5° | 242.3 | 244.8 | 243.2 | 244.8 | 248.1 | 244.8 | 243.2 | 241.5 | 235.7 | 228.2 | 211.6 |
| 65° | 183.4 | 185.1 | 185.1 | 185.9 | 184.2 | 185.1 | 181.8 | 179.3 | 176.0 | 167.7 | 156.9 |
| 67.5° | 139.4 | 139.4 | 139.4 | 139.4 | 138.6 | 137.8 | 136.9 | 134.5 | 128.6 | 125.3 | 113.7 |
| 70° | 107.1 | 102.1 | 102.1 | 102.1 | 102.1 | 102.9 | 100.4 | 97.1 | 95.4 | 89.6 | 81.3 |
| 72.5° | 71.4 | 73.0 | 71.4 | 71.4 | 69.7 | 70.5 | 67.2 | 65.6 | 63.9 | 60.6 | 55.6 |
| 75° | 51.4 | 47.3 | 49.0 | 49.8 | 47.3 | 49.0 | 45.6 | 42.3 | 42.3 | 39.8 | 37.3 |
| 77.5° | 33.2 | 32.4 | 33.2 | 34.0 | 33.2 | 32.4 | 30.7 | 29.0 | 29.0 | 28.2 | 25.7 |
| 80° | 24.1 | 23.2 | 23.2 | 23.2 | 22.4 | 23.2 | 21.6 | 21.6 | 19.9 | 19.1 | 17.4 |
| 82.5° | 15.8 | 15.8 | 14.9 | 15.8 | 14.9 | 15.8 | 13.3 | 13.3 | 13.3 | 12.4 | 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: P245829

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CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1699.7 | 1699.7 | 1699.7 | 1699.7 | 1699.7 | 1699.7 | 1699.7 | 1699.7 | 1699.7 | 1699.7 | 1699.7 |
| 2.5° | 1691.4 | 1692.2 | 1692.2 | 1695.5 | 1697.2 | 1698.0 | 1698.0 | 1704.7 | 1702.2 | 1703.8 | 1705.5 |
| 5° | 1667.3 | 1672.3 | 1673.9 | 1673.9 | 1683.1 | 1686.4 | 1689.7 | 1697.2 | 1698.0 | 1703.0 | 1708.8 |
| 7.5° | 1644.1 | 1649.9 | 1653.2 | 1660.7 | 1666.5 | 1672.3 | 1682.3 | 1687.2 | 1692.2 | 1698.9 | 1706.3 |
| 10° | 1621.7 | 1628.3 | 1634.9 | 1640.7 | 1649.9 | 1657.3 | 1664.0 | 1675.6 | 1681.4 | 1690.6 | 1700.5 |
| 12.5° | 1600.1 | 1609.2 | 1615.0 | 1625.0 | 1634.9 | 1641.6 | 1651.5 | 1662.3 | 1671.5 | 1680.6 | 1692.2 |
| 15° | 1581.0 | 1591.8 | 1598.4 | 1609.2 | 1620.0 | 1629.1 | 1639.9 | 1653.2 | 1659.8 | 1670.6 | 1681.4 |
| 17.5° | 1560.2 | 1571.9 | 1580.2 | 1590.1 | 1603.4 | 1613.3 | 1622.5 | 1635.8 | 1644.1 | 1655.7 | 1668.1 |
| 20° | 1538.7 | 1550.3 | 1560.2 | 1570.2 | 1583.5 | 1593.4 | 1604.2 | 1617.5 | 1626.6 | 1638.3 | 1648.2 |
| 22.5° | 1513.0 | 1523.7 | 1534.5 | 1546.1 | 1559.4 | 1567.7 | 1580.2 | 1591.8 | 1601.7 | 1612.5 | 1622.5 |
| 25° | 1479.7 | 1493.0 | 1501.3 | 1512.1 | 1522.9 | 1532.0 | 1545.3 | 1556.9 | 1565.2 | 1575.2 | 1584.3 |
| 27.5° | 1440.7 | 1450.7 | 1457.3 | 1466.5 | 1477.3 | 1485.6 | 1495.5 | 1507.1 | 1515.4 | 1524.6 | 1531.2 |
| 30° | 1374.3 | 1383.5 | 1389.3 | 1395.9 | 1406.7 | 1414.2 | 1422.5 | 1433.3 | 1439.1 | 1445.7 | 1451.5 |
| 32.5° | 1287.2 | 1294.7 | 1298.0 | 1303.0 | 1310.5 | 1317.9 | 1324.6 | 1333.7 | 1336.2 | 1340.3 | 1340.3 |
| 35° | 1161.1 | 1162.7 | 1161.9 | 1163.6 | 1166.9 | 1171.0 | 1176.8 | 1182.6 | 1185.9 | 1185.9 | 1183.5 |
| 37.5° | 1013.3 | 1003.4 | 992.6 | 984.3 | 981.8 | 980.1 | 983.5 | 985.9 | 989.3 | 990.9 | 986.8 |
| 40° | 859.8 | 837.4 | 813.3 | 791.7 | 776.8 | 770.2 | 767.7 | 769.3 | 769.3 | 775.1 | 775.1 |
| 42.5° | 727.9 | 693.0 | 657.3 | 624.9 | 603.3 | 586.8 | 579.3 | 579.3 | 580.1 | 584.3 | 586.8 |
| 45° | 618.3 | 574.3 | 532.8 | 497.1 | 467.2 | 445.7 | 435.7 | 433.2 | 432.4 | 434.0 | 439.8 |
| 47.5° | 534.5 | 488.8 | 445.7 | 401.7 | 370.2 | 348.6 | 339.4 | 336.1 | 332.8 | 336.1 | 337.0 |
| 50° | 468.9 | 421.6 | 376.0 | 332.0 | 298.8 | 279.7 | 268.1 | 263.1 | 262.2 | 262.2 | 263.9 |
| 52.5° | 409.1 | 365.2 | 319.5 | 274.7 | 239.8 | 221.6 | 210.8 | 208.3 | 205.0 | 208.3 | 208.3 |
| 55° | 352.7 | 308.7 | 263.9 | 221.6 | 192.5 | 173.5 | 163.5 | 160.2 | 158.5 | 161.0 | 161.0 |
| 57.5° | 291.3 | 253.9 | 212.5 | 174.3 | 145.2 | 132.0 | 124.5 | 120.3 | 119.5 | 121.2 | 119.5 |
| 60° | 239.0 | 207.5 | 171.8 | 136.9 | 114.5 | 100.4 | 94.6 | 92.9 | 91.3 | 92.9 | 92.9 |
| 62.5° | 189.2 | 162.7 | 133.6 | 107.1 | 88.0 | 78.0 | 71.4 | 71.4 | 70.5 | 70.5 | 71.4 |
| 65° | 140.3 | 119.5 | 98.8 | 76.3 | 61.4 | 53.9 | 49.0 | 49.0 | 48.1 | 49.0 | 48.1 |
| 67.5° | 102.1 | 88.0 | 71.4 | 55.6 | 44.0 | 39.8 | 36.5 | 34.0 | 35.7 | 34.0 | 33.2 |
| 70° | 74.7 | 63.1 | 51.4 | 42.3 | 34.0 | 29.9 | 27.4 | 26.5 | 24.9 | 24.9 | 24.9 |
| 72.5° | 49.8 | 42.3 | 34.8 | 27.4 | 22.4 | 18.2 | 17.4 | 15.8 | 14.1 | 14.9 | 16.6 |
| 75° | 33.2 | 28.2 | 24.9 | 19.9 | 14.9 | 14.9 | 10.0 | 10.0 | 8.3 | 10.0 | 7.5 |
| 77.5° | 23.2 | 19.1 | 14.9 | 12.4 | 10.0 | 9.1 | 6.6 | 6.6 | 5.8 | 5.8 | 5.8 |
| 80° | 16.6 | 14.1 | 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 |



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CATALOG NUMBER: LSR8B30D010 EC8B30835 8LBSW0GPH

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1699.7 | 1699.7 | 1699.7 | 1699.7 | 1699.7 | 1699.7 | 1699.7 | 1699.7 | 1699.7 | 1699.7 | 1699.7 |
| 2.5° | 1709.6 | 1708.8 | 1710.5 | 1710.5 | 1715.5 | 1714.6 | 1717.1 | 1717.1 | 1715.5 | 1716.3 | 1719.6 |
| 5° | 1715.5 | 1717.9 | 1722.9 | 1727.1 | 1734.5 | 1737.9 | 1742.0 | 1746.2 | 1747.0 | 1749.5 | 1752.0 |
| 7.5° | 1715.5 | 1723.8 | 1729.6 | 1737.0 | 1747.0 | 1752.8 | 1761.9 | 1769.4 | 1772.7 | 1776.8 | 1781.8 |
| 10° | 1712.1 | 1720.4 | 1731.2 | 1739.5 | 1752.0 | 1761.1 | 1770.2 | 1781.8 | 1786.8 | 1793.4 | 1800.1 |
| 12.5° | 1705.5 | 1714.6 | 1726.2 | 1737.0 | 1751.1 | 1759.4 | 1771.0 | 1781.8 | 1789.3 | 1798.4 | 1805.9 |
| 15° | 1695.5 | 1706.3 | 1717.1 | 1727.9 | 1742.8 | 1752.8 | 1763.6 | 1776.0 | 1783.5 | 1793.4 | 1800.1 |
| 17.5° | 1679.8 | 1691.4 | 1701.3 | 1711.3 | 1725.4 | 1737.0 | 1747.0 | 1758.6 | 1766.1 | 1774.4 | 1783.5 |
| 20° | 1660.7 | 1671.5 | 1682.3 | 1690.6 | 1704.7 | 1714.6 | 1725.4 | 1736.2 | 1742.0 | 1743.7 | 1757.8 |
| 22.5° | 1636.6 | 1644.1 | 1652.4 | 1665.6 | 1673.9 | 1683.1 | 1693.0 | 1703.0 | 1708.8 | 1717.9 | 1722.9 |
| 25° | 1596.7 | 1604.2 | 1613.3 | 1619.2 | 1629.1 | 1636.6 | 1646.6 | 1657.3 | 1660.7 | 1667.3 | 1672.3 |
| 27.5° | 1541.2 | 1545.3 | 1549.5 | 1554.4 | 1560.2 | 1564.4 | 1570.2 | 1575.2 | 1578.5 | 1581.8 | 1585.1 |
| 30° | 1453.2 | 1453.2 | 1453.2 | 1449.9 | 1452.4 | 1454.8 | 1455.7 | 1454.8 | 1454.8 | 1454.0 | 1454.0 |
| 32.5° | 1337.0 | 1330.4 | 1322.9 | 1316.3 | 1313.8 | 1310.5 | 1308.8 | 1306.3 | 1302.2 | 1299.7 | 1300.5 |
| 35° | 1180.1 | 1165.2 | 1156.1 | 1147.8 | 1141.2 | 1136.2 | 1133.7 | 1131.2 | 1130.4 | 1127.0 | 1123.7 |
| 37.5° | 984.3 | 973.5 | 966.9 | 961.9 | 956.1 | 951.1 | 951.9 | 952.8 | 955.2 | 953.6 | 954.4 |
| 40° | 776.8 | 774.3 | 776.8 | 771.0 | 769.3 | 771.0 | 775.1 | 781.0 | 784.3 | 787.6 | 793.4 |
| 42.5° | 590.9 | 595.0 | 600.9 | 600.9 | 603.3 | 606.7 | 611.6 | 620.8 | 625.7 | 631.6 | 638.2 |
| 45° | 444.8 | 449.8 | 457.3 | 459.8 | 461.4 | 465.6 | 471.4 | 478.9 | 482.2 | 487.2 | 493.0 |
| 47.5° | 342.8 | 346.1 | 350.2 | 354.4 | 358.5 | 360.2 | 366.0 | 366.0 | 370.2 | 373.5 | 375.1 |
| 50° | 267.2 | 270.5 | 273.9 | 276.4 | 278.0 | 280.5 | 282.2 | 284.7 | 285.5 | 287.2 | 288.0 |
| 52.5° | 209.1 | 213.3 | 213.3 | 214.9 | 217.4 | 219.9 | 219.1 | 219.9 | 220.7 | 220.7 | 223.2 |
| 55° | 163.5 | 163.5 | 166.0 | 166.0 | 167.7 | 166.8 | 167.7 | 167.7 | 167.7 | 167.7 | 168.5 |
| 57.5° | 122.0 | 122.8 | 125.3 | 123.7 | 122.8 | 124.5 | 122.8 | 124.5 | 123.7 | 125.3 | 122.8 |
| 60° | 93.8 | 93.8 | 94.6 | 94.6 | 95.4 | 95.4 | 95.4 | 94.6 | 94.6 | 93.8 | 93.8 |
| 62.5° | 70.5 | 71.4 | 72.2 | 71.4 | 71.4 | 71.4 | 70.5 | 70.5 | 69.7 | 68.9 | 68.9 |
| 65° | 47.3 | 46.5 | 48.1 | 46.5 | 47.3 | 47.3 | 46.5 | 47.3 | 44.8 | 45.6 | 44.8 |
| 67.5° | 34.0 | 33.2 | 32.4 | 33.2 | 32.4 | 31.5 | 31.5 | 32.4 | 33.2 | 30.7 | 30.7 |
| 70° | 22.4 | 23.2 | 22.4 | 23.2 | 24.1 | 24.1 | 23.2 | 22.4 | 23.2 | 21.6 | 22.4 |
| 72.5° | 14.1 | 14.1 | 14.1 | 14.1 | 14.1 | 14.9 | 14.9 | 14.9 | 13.3 | 13.3 | 12.4 |
| 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: P245829

CATALOG NUMBER: LSR8B30D010 EC8B30835 8LBSW0GPH

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1699.7 | 1699.7 | 1699.7 | 1699.7 | 1699.7 | 1699.7 | 1699.7 | 1699.7 | 1699.7 | 1699.7 | 1699.7 |
| 2.5° | 1718.8 | 1717.9 | 1718.8 | 1719.6 | 1718.8 | 1717.9 | 1718.8 | 1719.6 | 1716.3 | 1715.5 | 1717.1 |
| 5° | 1755.3 | 1755.3 | 1756.9 | 1757.8 | 1756.9 | 1755.3 | 1755.3 | 1752.0 | 1749.5 | 1747.0 | 1746.2 |
| 7.5° | 1786.8 | 1788.5 | 1790.1 | 1790.9 | 1790.1 | 1788.5 | 1786.8 | 1781.8 | 1776.8 | 1772.7 | 1769.4 |
| 10° | 1805.9 | 1808.4 | 1811.7 | 1813.4 | 1811.7 | 1808.4 | 1805.9 | 1800.1 | 1793.4 | 1786.8 | 1781.8 |
| 12.5° | 1814.2 | 1816.7 | 1820.8 | 1820.0 | 1820.8 | 1816.7 | 1814.2 | 1805.9 | 1798.4 | 1789.3 | 1781.8 |
| 15° | 1808.4 | 1811.7 | 1815.9 | 1817.5 | 1815.9 | 1811.7 | 1808.4 | 1800.1 | 1793.4 | 1783.5 | 1776.0 |
| 17.5° | 1790.1 | 1795.1 | 1797.6 | 1800.1 | 1797.6 | 1795.1 | 1790.1 | 1783.5 | 1774.4 | 1766.1 | 1758.6 |
| 20° | 1765.2 | 1768.6 | 1771.9 | 1772.7 | 1771.9 | 1768.6 | 1765.2 | 1757.8 | 1743.7 | 1742.0 | 1736.2 |
| 22.5° | 1729.6 | 1732.1 | 1739.5 | 1737.0 | 1739.5 | 1732.1 | 1729.6 | 1722.9 | 1717.9 | 1708.8 | 1703.0 |
| 25° | 1678.1 | 1680.6 | 1681.4 | 1682.3 | 1681.4 | 1680.6 | 1678.1 | 1672.3 | 1667.3 | 1660.7 | 1657.3 |
| 27.5° | 1589.3 | 1589.3 | 1590.9 | 1591.8 | 1590.9 | 1589.3 | 1589.3 | 1585.1 | 1581.8 | 1578.5 | 1575.2 |
| 30° | 1454.8 | 1454.8 | 1454.8 | 1459.0 | 1454.8 | 1454.8 | 1454.8 | 1454.0 | 1454.0 | 1454.8 | 1454.8 |
| 32.5° | 1299.7 | 1298.0 | 1296.3 | 1298.0 | 1296.3 | 1298.0 | 1299.7 | 1300.5 | 1299.7 | 1302.2 | 1306.3 |
| 35° | 1123.7 | 1122.9 | 1125.4 | 1122.1 | 1125.4 | 1122.9 | 1123.7 | 1123.7 | 1127.0 | 1130.4 | 1131.2 |
| 37.5° | 955.2 | 953.6 | 956.9 | 953.6 | 956.9 | 953.6 | 955.2 | 954.4 | 953.6 | 955.2 | 952.8 |
| 40° | 795.1 | 796.7 | 796.7 | 803.4 | 796.7 | 796.7 | 795.1 | 793.4 | 787.6 | 784.3 | 781.0 |
| 42.5° | 641.5 | 646.5 | 644.8 | 649.8 | 644.8 | 646.5 | 641.5 | 638.2 | 631.6 | 625.7 | 620.8 |
| 45° | 496.3 | 499.6 | 499.6 | 501.3 | 499.6 | 499.6 | 496.3 | 493.0 | 487.2 | 482.2 | 478.9 |
| 47.5° | 380.9 | 380.9 | 380.9 | 381.8 | 380.9 | 380.9 | 380.9 | 375.1 | 373.5 | 370.2 | 366.0 |
| 50° | 289.6 | 290.5 | 291.3 | 292.1 | 291.3 | 290.5 | 289.6 | 288.0 | 287.2 | 285.5 | 284.7 |
| 52.5° | 222.4 | 223.2 | 221.6 | 223.2 | 221.6 | 223.2 | 222.4 | 223.2 | 220.7 | 220.7 | 219.9 |
| 55° | 168.5 | 167.7 | 168.5 | 169.3 | 168.5 | 167.7 | 168.5 | 168.5 | 167.7 | 167.7 | 167.7 |
| 57.5° | 123.7 | 122.0 | 122.0 | 122.0 | 122.0 | 122.0 | 123.7 | 122.8 | 125.3 | 123.7 | 124.5 |
| 60° | 92.1 | 92.9 | 92.9 | 93.8 | 92.9 | 92.9 | 92.1 | 93.8 | 93.8 | 94.6 | 94.6 |
| 62.5° | 68.0 | 70.5 | 68.9 | 70.5 | 68.9 | 70.5 | 68.0 | 68.9 | 68.9 | 69.7 | 70.5 |
| 65° | 44.0 | 44.0 | 44.0 | 44.8 | 44.0 | 44.0 | 44.0 | 44.8 | 45.6 | 44.8 | 47.3 |
| 67.5° | 29.9 | 30.7 | 32.4 | 31.5 | 32.4 | 30.7 | 29.9 | 30.7 | 30.7 | 33.2 | 32.4 |
| 70° | 24.1 | 21.6 | 21.6 | 24.1 | 21.6 | 21.6 | 24.1 | 22.4 | 21.6 | 23.2 | 22.4 |
| 72.5° | 14.1 | 12.4 | 14.1 | 14.1 | 14.1 | 12.4 | 14.1 | 12.4 | 13.3 | 13.3 | 14.9 |
| 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: P245829

CATALOG NUMBER: LSR8B30D010 EC8B30835 8LBSW0GPH

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1699.7 | 1699.7 | 1699.7 | 1699.7 | 1699.7 | 1699.7 | 1699.7 | 1699.7 | 1699.7 | 1699.7 | 1699.7 |
| 2.5° | 1717.1 | 1714.6 | 1715.5 | 1710.5 | 1710.5 | 1708.8 | 1709.6 | 1705.5 | 1703.8 | 1702.2 | 1704.7 |
| 5° | 1742.0 | 1737.9 | 1734.5 | 1727.1 | 1722.9 | 1717.9 | 1715.5 | 1708.8 | 1703.0 | 1698.0 | 1697.2 |
| 7.5° | 1761.9 | 1752.8 | 1747.0 | 1737.0 | 1729.6 | 1723.8 | 1715.5 | 1706.3 | 1698.9 | 1692.2 | 1687.2 |
| 10° | 1770.2 | 1761.1 | 1752.0 | 1739.5 | 1731.2 | 1720.4 | 1712.1 | 1700.5 | 1690.6 | 1681.4 | 1675.6 |
| 12.5° | 1771.0 | 1759.4 | 1751.1 | 1737.0 | 1726.2 | 1714.6 | 1705.5 | 1692.2 | 1680.6 | 1671.5 | 1662.3 |
| 15° | 1763.6 | 1752.8 | 1742.8 | 1727.9 | 1717.1 | 1706.3 | 1695.5 | 1681.4 | 1670.6 | 1659.8 | 1653.2 |
| 17.5° | 1747.0 | 1737.0 | 1725.4 | 1711.3 | 1701.3 | 1691.4 | 1679.8 | 1668.1 | 1655.7 | 1644.1 | 1635.8 |
| 20° | 1725.4 | 1714.6 | 1704.7 | 1690.6 | 1682.3 | 1671.5 | 1660.7 | 1648.2 | 1638.3 | 1626.6 | 1617.5 |
| 22.5° | 1693.0 | 1683.1 | 1673.9 | 1665.6 | 1652.4 | 1644.1 | 1636.6 | 1622.5 | 1612.5 | 1601.7 | 1591.8 |
| 25° | 1646.6 | 1636.6 | 1629.1 | 1619.2 | 1613.3 | 1604.2 | 1596.7 | 1584.3 | 1575.2 | 1565.2 | 1556.9 |
| 27.5° | 1570.2 | 1564.4 | 1560.2 | 1554.4 | 1549.5 | 1545.3 | 1541.2 | 1531.2 | 1524.6 | 1515.4 | 1507.1 |
| 30° | 1455.7 | 1454.8 | 1452.4 | 1449.9 | 1453.2 | 1453.2 | 1453.2 | 1451.5 | 1445.7 | 1439.1 | 1433.3 |
| 32.5° | 1308.8 | 1310.5 | 1313.8 | 1316.3 | 1322.9 | 1330.4 | 1337.0 | 1340.3 | 1340.3 | 1336.2 | 1333.7 |
| 35° | 1133.7 | 1136.2 | 1141.2 | 1147.8 | 1156.1 | 1165.2 | 1180.1 | 1183.5 | 1185.9 | 1185.9 | 1182.6 |
| 37.5° | 951.9 | 951.1 | 956.1 | 961.9 | 966.9 | 973.5 | 984.3 | 986.8 | 990.9 | 989.3 | 985.9 |
| 40° | 775.1 | 771.0 | 769.3 | 771.0 | 776.8 | 774.3 | 776.8 | 775.1 | 775.1 | 769.3 | 769.3 |
| 42.5° | 611.6 | 606.7 | 603.3 | 600.9 | 600.9 | 595.0 | 590.9 | 586.8 | 584.3 | 580.1 | 579.3 |
| 45° | 471.4 | 465.6 | 461.4 | 459.8 | 457.3 | 449.8 | 444.8 | 439.8 | 434.0 | 432.4 | 433.2 |
| 47.5° | 366.0 | 360.2 | 358.5 | 354.4 | 350.2 | 346.1 | 342.8 | 337.0 | 336.1 | 332.8 | 336.1 |
| 50° | 282.2 | 280.5 | 278.0 | 276.4 | 273.9 | 270.5 | 267.2 | 263.9 | 262.2 | 262.2 | 263.1 |
| 52.5° | 219.1 | 219.9 | 217.4 | 214.9 | 213.3 | 213.3 | 209.1 | 208.3 | 208.3 | 205.0 | 208.3 |
| 55° | 167.7 | 166.8 | 167.7 | 166.0 | 166.0 | 163.5 | 163.5 | 161.0 | 161.0 | 158.5 | 160.2 |
| 57.5° | 122.8 | 124.5 | 122.8 | 123.7 | 125.3 | 122.8 | 122.0 | 119.5 | 121.2 | 119.5 | 120.3 |
| 60° | 95.4 | 95.4 | 95.4 | 94.6 | 94.6 | 93.8 | 93.8 | 92.9 | 92.9 | 91.3 | 92.9 |
| 62.5° | 70.5 | 71.4 | 71.4 | 71.4 | 72.2 | 71.4 | 70.5 | 71.4 | 70.5 | 70.5 | 71.4 |
| 65° | 46.5 | 47.3 | 47.3 | 46.5 | 48.1 | 46.5 | 47.3 | 48.1 | 49.0 | 48.1 | 49.0 |
| 67.5° | 31.5 | 31.5 | 32.4 | 33.2 | 32.4 | 33.2 | 34.0 | 33.2 | 34.0 | 35.7 | 34.0 |
| 70° | 23.2 | 24.1 | 24.1 | 23.2 | 22.4 | 23.2 | 22.4 | 24.9 | 24.9 | 24.9 | 26.5 |
| 72.5° | 14.9 | 14.9 | 14.1 | 14.1 | 14.1 | 14.1 | 14.1 | 16.6 | 14.9 | 14.1 | 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: P245829

CATALOG NUMBER: LSR8B30D010 EC8B30835 8LBSW0GPH

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1699.7 | 1699.7 | 1699.7 | 1699.7 | 1699.7 | 1699.7 | 1699.7 | 1699.7 | 1699.7 | 1699.7 | 1699.7 |
| 2.5° | 1698.0 | 1698.0 | 1697.2 | 1695.5 | 1692.2 | 1692.2 | 1691.4 | 1688.9 | 1687.2 | 1686.4 | 1686.4 |
| 5° | 1689.7 | 1686.4 | 1683.1 | 1673.9 | 1673.9 | 1672.3 | 1667.3 | 1664.0 | 1662.3 | 1658.2 | 1656.5 |
| 7.5° | 1682.3 | 1672.3 | 1666.5 | 1660.7 | 1653.2 | 1649.9 | 1644.1 | 1641.6 | 1635.8 | 1631.6 | 1629.1 |
| 10° | 1664.0 | 1657.3 | 1649.9 | 1640.7 | 1634.9 | 1628.3 | 1621.7 | 1616.7 | 1609.2 | 1605.0 | 1601.7 |
| 12.5° | 1651.5 | 1641.6 | 1634.9 | 1625.0 | 1615.0 | 1609.2 | 1600.1 | 1594.3 | 1586.8 | 1578.5 | 1573.5 |
| 15° | 1639.9 | 1629.1 | 1620.0 | 1609.2 | 1598.4 | 1591.8 | 1581.0 | 1574.4 | 1563.6 | 1555.3 | 1549.5 |
| 17.5° | 1622.5 | 1613.3 | 1603.4 | 1590.1 | 1580.2 | 1571.9 | 1560.2 | 1552.0 | 1542.0 | 1531.2 | 1525.4 |
| 20° | 1604.2 | 1593.4 | 1583.5 | 1570.2 | 1560.2 | 1550.3 | 1538.7 | 1529.6 | 1517.9 | 1508.0 | 1501.3 |
| 22.5° | 1580.2 | 1567.7 | 1559.4 | 1546.1 | 1534.5 | 1523.7 | 1513.0 | 1502.2 | 1491.4 | 1483.1 | 1475.6 |
| 25° | 1545.3 | 1532.0 | 1522.9 | 1512.1 | 1501.3 | 1493.0 | 1479.7 | 1473.1 | 1462.3 | 1454.8 | 1447.4 |
| 27.5° | 1495.5 | 1485.6 | 1477.3 | 1466.5 | 1457.3 | 1450.7 | 1440.7 | 1434.1 | 1425.0 | 1418.3 | 1412.5 |
| 30° | 1422.5 | 1414.2 | 1406.7 | 1395.9 | 1389.3 | 1383.5 | 1374.3 | 1368.5 | 1361.9 | 1354.4 | 1352.8 |
| 32.5° | 1324.6 | 1317.9 | 1310.5 | 1303.0 | 1298.0 | 1294.7 | 1287.2 | 1283.9 | 1277.2 | 1273.1 | 1268.9 |
| 35° | 1176.8 | 1171.0 | 1166.9 | 1163.6 | 1161.9 | 1162.7 | 1161.1 | 1164.4 | 1166.0 | 1165.2 | 1166.0 |
| 37.5° | 983.5 | 980.1 | 981.8 | 984.3 | 992.6 | 1003.4 | 1013.3 | 1028.3 | 1038.2 | 1048.2 | 1057.3 |
| 40° | 767.7 | 770.2 | 776.8 | 791.7 | 813.3 | 837.4 | 859.8 | 888.0 | 916.2 | 936.2 | 954.4 |
| 42.5° | 579.3 | 586.8 | 603.3 | 624.9 | 657.3 | 693.0 | 727.9 | 769.3 | 803.4 | 836.5 | 859.8 |
| 45° | 435.7 | 445.7 | 467.2 | 497.1 | 532.8 | 574.3 | 618.3 | 664.8 | 705.4 | 739.5 | 765.2 |
| 47.5° | 339.4 | 348.6 | 370.2 | 401.7 | 445.7 | 488.8 | 534.5 | 582.6 | 624.9 | 658.1 | 680.5 |
| 50° | 268.1 | 279.7 | 298.8 | 332.0 | 376.0 | 421.6 | 468.9 | 516.2 | 556.1 | 584.3 | 604.2 |
| 52.5° | 210.8 | 221.6 | 239.8 | 274.7 | 319.5 | 365.2 | 409.1 | 455.6 | 490.5 | 517.9 | 531.2 |
| 55° | 163.5 | 173.5 | 192.5 | 221.6 | 263.9 | 308.7 | 352.7 | 392.6 | 424.9 | 444.8 | 457.3 |
| 57.5° | 124.5 | 132.0 | 145.2 | 174.3 | 212.5 | 253.9 | 291.3 | 331.1 | 356.1 | 370.2 | 378.4 |
| 60° | 94.6 | 100.4 | 114.5 | 136.9 | 171.8 | 207.5 | 239.0 | 268.9 | 288.8 | 300.4 | 308.7 |
| 62.5° | 71.4 | 78.0 | 88.0 | 107.1 | 133.6 | 162.7 | 189.2 | 211.6 | 228.2 | 235.7 | 241.5 |
| 65° | 49.0 | 53.9 | 61.4 | 76.3 | 98.8 | 119.5 | 140.3 | 156.9 | 167.7 | 176.0 | 179.3 |
| 67.5° | 36.5 | 39.8 | 44.0 | 55.6 | 71.4 | 88.0 | 102.1 | 113.7 | 125.3 | 128.6 | 134.5 |
| 70° | 27.4 | 29.9 | 34.0 | 42.3 | 51.4 | 63.1 | 74.7 | 81.3 | 89.6 | 95.4 | 97.1 |
| 72.5° | 17.4 | 18.2 | 22.4 | 27.4 | 34.8 | 42.3 | 49.8 | 55.6 | 60.6 | 63.9 | 65.6 |
| 75° | 10.0 | 14.9 | 14.9 | 19.9 | 24.9 | 28.2 | 33.2 | 37.3 | 39.8 | 42.3 | 42.3 |
| 77.5° | 6.6 | 9.1 | 10.0 | 12.4 | 14.9 | 19.1 | 23.2 | 25.7 | 28.2 | 29.0 | 29.0 |
| 80° | 5.8 | 6.6 | 6.6 | 9.1 | 10.8 | 14.1 | 16.6 | 17.4 | 19.1 | 19.9 | 21.6 |
| 82.5° | 2.5 | 3.3 | 4.1 | 6.6 | 7.5 | 7.5 | 10.0 | 10.8 | 12.4 | 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: P245829

CATALOG NUMBER: LSR8B30D010 EC8B30835 8LBSW0GPH

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|-------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1699.7 | 1699.7 | 1699.7 | 1699.7 | 1699.7 | 1699.7 | 1699.7 |
| 2.5° | 1684.7 | 1685.6 | 1682.3 | 1681.4 | 1679.8 | 1680.6 | 1682.3 |
| 5° | 1654.0 | 1654.9 | 1651.5 | 1648.2 | 1648.2 | 1647.4 | 1648.2 |
| 7.5° | 1625.0 | 1625.8 | 1620.8 | 1619.2 | 1615.8 | 1616.7 | 1616.7 |
| 10° | 1595.9 | 1595.9 | 1588.5 | 1587.6 | 1585.1 | 1584.3 | 1584.3 |
| 12.5° | 1567.7 | 1565.2 | 1559.4 | 1556.1 | 1557.8 | 1552.8 | 1552.8 |
| 15° | 1542.8 | 1538.7 | 1531.2 | 1528.7 | 1524.6 | 1522.9 | 1522.9 |
| 17.5° | 1517.1 | 1513.8 | 1507.1 | 1502.2 | 1497.2 | 1496.4 | 1497.2 |
| 20° | 1492.2 | 1488.9 | 1480.6 | 1477.3 | 1473.1 | 1473.1 | 1471.4 |
| 22.5° | 1467.3 | 1464.0 | 1456.5 | 1454.0 | 1448.2 | 1448.2 | 1449.0 |
| 25° | 1441.6 | 1439.1 | 1430.8 | 1429.1 | 1428.3 | 1425.0 | 1426.6 |
| 27.5° | 1406.7 | 1405.0 | 1398.4 | 1395.9 | 1392.6 | 1391.8 | 1393.4 |
| 30° | 1342.8 | 1340.3 | 1335.4 | 1332.9 | 1327.1 | 1327.9 | 1329.5 |
| 32.5° | 1263.1 | 1259.8 | 1253.2 | 1250.7 | 1245.7 | 1244.0 | 1244.9 |
| 35° | 1163.6 | 1161.1 | 1155.3 | 1155.3 | 1150.3 | 1148.6 | 1150.3 |
| 37.5° | 1062.3 | 1064.8 | 1062.3 | 1064.8 | 1062.3 | 1061.5 | 1062.3 |
| 40° | 966.9 | 976.0 | 977.6 | 986.8 | 983.5 | 988.4 | 987.6 |
| 42.5° | 875.6 | 890.5 | 896.3 | 903.8 | 902.1 | 905.4 | 907.9 |
| 45° | 783.4 | 795.9 | 801.7 | 806.7 | 807.5 | 809.2 | 810.0 |
| 47.5° | 696.3 | 706.3 | 707.1 | 712.9 | 712.1 | 712.1 | 714.6 |
| 50° | 615.0 | 621.6 | 623.3 | 627.4 | 624.1 | 622.4 | 623.3 |
| 52.5° | 539.5 | 546.1 | 544.4 | 546.1 | 542.0 | 540.3 | 541.1 |
| 55° | 462.3 | 465.6 | 465.6 | 465.6 | 460.6 | 460.6 | 460.6 |
| 57.5° | 383.4 | 384.3 | 382.6 | 383.4 | 382.6 | 377.6 | 376.8 |
| 60° | 311.2 | 311.2 | 310.4 | 311.2 | 308.7 | 306.2 | 306.2 |
| 62.5° | 243.2 | 244.8 | 248.1 | 244.8 | 243.2 | 244.8 | 242.3 |
| 65° | 181.8 | 185.1 | 184.2 | 185.9 | 185.1 | 185.1 | 183.4 |
| 67.5° | 136.9 | 137.8 | 138.6 | 139.4 | 139.4 | 139.4 | 139.4 |
| 70° | 100.4 | 102.9 | 102.1 | 102.1 | 102.1 | 102.1 | 107.1 |
| 72.5° | 67.2 | 70.5 | 69.7 | 71.4 | 71.4 | 73.0 | 71.4 |
| 75° | 45.6 | 49.0 | 47.3 | 49.8 | 49.0 | 47.3 | 51.4 |
| 77.5° | 30.7 | 32.4 | 33.2 | 34.0 | 33.2 | 32.4 | 33.2 |
| 80° | 21.6 | 23.2 | 22.4 | 23.2 | 23.2 | 23.2 | 24.1 |
| 82.5° | 13.3 | 15.8 | 14.9 | 15.8 | 14.9 | 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)