

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: NEO-RAY

Report Number: P333693-830

Luminaire Tested: **S125RDIW-S850D1340U830-4F0-1E-UDD-A1**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P333693-830
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-11,
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: S125RDIW-S850D1340U830-4F0-1E-UDD-A1
Description: DEFINE 5 DIRECT-INDIRECT WALL MOUNT LED LUMINAIRE
DOWNLIGHT 850 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING
UPLIGHT 1340 LUMENS PER FOOT, FLUSH SATIN WHITE DIFFUSER
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7476.3 lumens
Efficiency: N/A
Efficacy: 121.8 lumens/watt
Spacing Criteria (0/90/45): 1.4 / 1.22 / 1.47
Luminous Opening: Rectangular (W 4' x L: 0.42' x H: 0')
CIE Type: General Diffuse

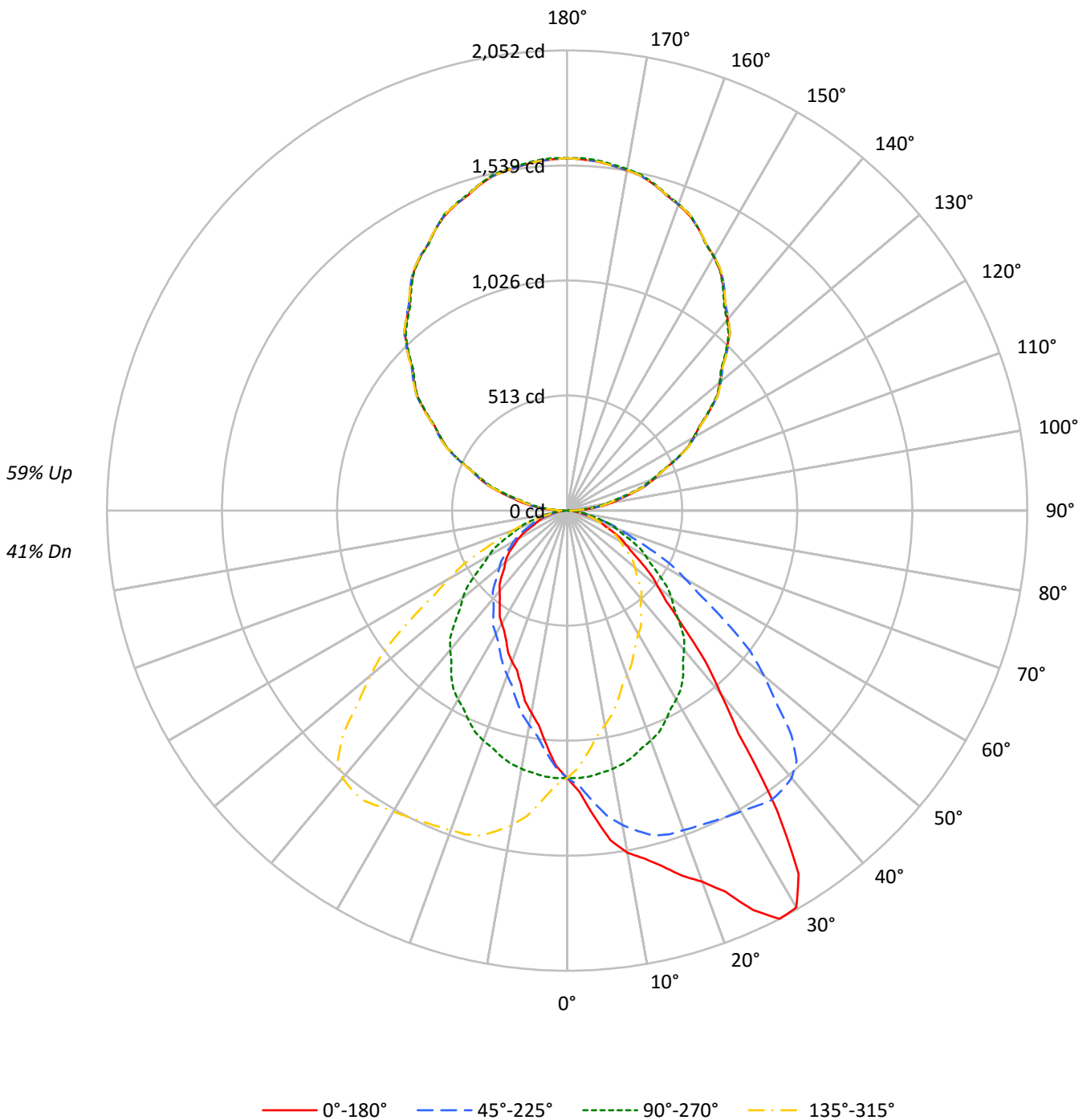
Input Watts (W): 61.4
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P333693-830

CATALOG NUMBER: S125RDIW-S850D1340U830-4F0-1E-UDD-A1

Luminous Intensity Polar Plot





TEST NUMBER: P333693-830

CATALOG NUMBER: S125RDIW-S850D1340U830-4F0-1E-UDD-A1

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 | 105 | 105 | 105 | 105 | 96 | 96 | 96 | 96 | 79 | 79 | 79 | 63 | 63 | 63 | 48 | 48 | 48 | 41 |
| 1 | 96 | 92 | 88 | 85 | 88 | 84 | 81 | 78 | 69 | 67 | 65 | 56 | 54 | 53 | 43 | 42 | 41 | 36 |
| 2 | 88 | 81 | 75 | 70 | 80 | 74 | 69 | 65 | 61 | 58 | 54 | 49 | 47 | 45 | 38 | 37 | 35 | 30 |
| 3 | 80 | 71 | 64 | 59 | 73 | 65 | 59 | 54 | 54 | 50 | 46 | 44 | 41 | 38 | 34 | 32 | 30 | 26 |
| 4 | 74 | 63 | 56 | 50 | 67 | 58 | 51 | 46 | 48 | 43 | 39 | 39 | 36 | 33 | 31 | 28 | 26 | 23 |
| 5 | 68 | 56 | 48 | 43 | 61 | 52 | 45 | 40 | 43 | 38 | 34 | 35 | 31 | 29 | 28 | 25 | 23 | 20 |
| 6 | 62 | 51 | 43 | 37 | 57 | 47 | 40 | 35 | 39 | 34 | 30 | 32 | 28 | 25 | 25 | 23 | 20 | 17 |
| 7 | 58 | 46 | 38 | 32 | 52 | 42 | 35 | 30 | 35 | 30 | 26 | 29 | 25 | 22 | 23 | 20 | 18 | 15 |
| 8 | 53 | 41 | 34 | 29 | 49 | 38 | 31 | 27 | 32 | 27 | 23 | 27 | 23 | 20 | 21 | 18 | 16 | 14 |
| 9 | 50 | 38 | 30 | 25 | 45 | 35 | 28 | 24 | 29 | 24 | 21 | 24 | 21 | 18 | 20 | 17 | 15 | 13 |
| 10 | 46 | 35 | 27 | 23 | 42 | 32 | 26 | 21 | 27 | 22 | 19 | 22 | 19 | 16 | 18 | 15 | 13 | 11 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|------|------|------|
| 0° | 7700 | 7700 | 7700 | 7700 |
| 5° | 8858 | 7710 | 6809 | 7710 |
| 10° | 10161 | 7671 | 6008 | 7671 |
| 15° | 10975 | 7592 | 5340 | 7592 |
| 20° | 12103 | 7501 | 4931 | 7501 |
| 25° | 14006 | 7380 | 4576 | 7380 |
| 30° | 15242 | 7252 | 4343 | 7252 |
| 35° | 12857 | 7104 | 4129 | 7104 |
| 40° | 8979 | 6837 | 3945 | 6837 |
| 45° | 6660 | 6477 | 3764 | 6477 |
| 50° | 5311 | 6103 | 3609 | 6103 |
| 55° | 4507 | 5638 | 3471 | 5638 |
| 60° | 3894 | 5222 | 3250 | 5222 |
| 65° | 3470 | 4772 | 2797 | 4772 |
| 70° | 3051 | 4371 | 2551 | 4371 |
| 75° | 2640 | 3785 | 2395 | 3785 |
| 80° | 2001 | 3187 | 2001 | 3187 |
| 85° | 1667 | 2497 | 1882 | 2497 |



TEST NUMBER: P333693-830

CATALOG NUMBER: S125RDIW-S850D1340U830-4F0-1E-UDD-A1

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 114.3 | 1.5 |
| 10°-20° | 335.0 | 4.5 |
| 20°-30° | 531.2 | 7.1 |
| 30°-40° | 640.6 | 8.6 |
| 40°-50° | 572.1 | 7.7 |
| 50°-60° | 438.7 | 5.9 |
| 60°-70° | 285.1 | 3.8 |
| 70°-80° | 138.6 | 1.9 |
| 80°-90° | 36.5 | 0.5 |
| 90°-100° | 105.2 | 1.4 |
| 100°-110° | 310.7 | 4.2 |
| 110°-120° | 526.3 | 7.0 |
| 120°-130° | 692.7 | 9.3 |
| 130°-140° | 776.1 | 10.4 |
| 140°-150° | 760.7 | 10.2 |
| 150°-160° | 638.9 | 8.5 |
| 160°-170° | 424.7 | 5.7 |
| 170°-180° | 148.6 | 2.0 |
| 0°-30° | 980.6 | 13.1 |
| 0°-40° | 1621.2 | 21.7 |
| 0°-60° | 2632.0 | 35.2 |
| 0°-90° | 3092.3 | 41.4 |
| 90°-120° | 942.3 | 12.6 |
| 90°-150° | 3171.8 | 42.4 |
| 90°-180° | 4384.0 | 58.6 |
| 0°-180° | 7476.3 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 1192 | 1192 | 1192 | 1192 | 1192 | |
| 5° | 1366 | 1189 | 1050 | 1189 | 1366 | 137 |
| 15° | 1642 | 1136 | 799 | 1136 | 1642 | 470 |
| 25° | 1966 | 1036 | 642 | 1036 | 1966 | 902 |
| 35° | 1631 | 901 | 524 | 901 | 1631 | 985 |
| 45° | 729 | 709 | 412 | 709 | 729 | 582 |
| 55° | 400 | 501 | 308 | 501 | 400 | 363 |
| 65° | 227 | 312 | 183 | 312 | 227 | 226 |
| 75° | 106 | 152 | 96 | 152 | 106 | 113 |
| 85° | 22 | 34 | 25 | 34 | 22 | 27 |
| 90° | 29 | 1 | 29 | 1 | 29 | 18 |
| 95° | 105 | 80 | 105 | 80 | 105 | 107 |
| 105° | 303 | 279 | 303 | 279 | 303 | 321 |
| 115° | 532 | 527 | 532 | 527 | 532 | 526 |
| 125° | 774 | 769 | 774 | 769 | 774 | 691 |
| 135° | 1004 | 1000 | 1004 | 1000 | 1004 | 774 |
| 145° | 1216 | 1212 | 1216 | 1212 | 1216 | 759 |
| 155° | 1386 | 1386 | 1386 | 1386 | 1386 | 638 |
| 165° | 1504 | 1508 | 1504 | 1508 | 1504 | 424 |
| 175° | 1561 | 1567 | 1561 | 1567 | 1561 | 148 |
| 180° | 1571 | 1571 | 1571 | 1571 | 1571 | |



TEST NUMBER: P333693-830

CATALOG NUMBER: S125RDIW-S850D1340U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1192.2 | 1192.2 | 1192.2 | 1192.2 | 1192.2 | 1192.2 | 1192.2 | 1192.2 | 1192.2 | 1192.2 | 1192.2 |
| 2.5° | 1254.1 | 1253.3 | 1254.9 | 1250.6 | 1250.9 | 1244.3 | 1244.3 | 1239.2 | 1232.6 | 1227.5 | 1225.1 |
| 5° | 1366.4 | 1367.4 | 1365.5 | 1358.1 | 1353.2 | 1345.9 | 1337.6 | 1322.9 | 1310.6 | 1298.9 | 1289.6 |
| 7.5° | 1482.1 | 1482.8 | 1476.4 | 1474.1 | 1461.8 | 1452.7 | 1434.3 | 1414.3 | 1396.6 | 1374.0 | 1356.9 |
| 10° | 1549.4 | 1549.0 | 1542.2 | 1536.7 | 1526.0 | 1512.3 | 1494.2 | 1470.6 | 1448.7 | 1424.2 | 1400.7 |
| 12.5° | 1588.7 | 1587.3 | 1585.2 | 1578.7 | 1568.7 | 1556.5 | 1541.2 | 1518.1 | 1490.9 | 1464.1 | 1436.7 |
| 15° | 1641.5 | 1638.0 | 1631.7 | 1623.3 | 1609.2 | 1595.0 | 1577.9 | 1557.4 | 1531.3 | 1501.0 | 1475.6 |
| 17.5° | 1706.9 | 1706.9 | 1697.2 | 1685.6 | 1666.3 | 1641.3 | 1614.9 | 1581.7 | 1546.4 | 1513.1 | 1485.9 |
| 20° | 1761.0 | 1759.4 | 1749.6 | 1727.1 | 1705.2 | 1673.8 | 1643.4 | 1602.8 | 1559.7 | 1516.2 | 1482.4 |
| 22.5° | 1838.4 | 1834.7 | 1824.5 | 1794.9 | 1760.8 | 1720.4 | 1674.0 | 1624.4 | 1572.3 | 1522.9 | 1478.6 |
| 25° | 1965.5 | 1962.6 | 1942.5 | 1908.3 | 1860.3 | 1798.1 | 1737.4 | 1669.4 | 1594.5 | 1529.5 | 1475.6 |
| 27.5° | 2052.4 | 2049.2 | 2034.3 | 2005.8 | 1961.6 | 1896.2 | 1814.0 | 1723.2 | 1629.7 | 1540.1 | 1462.4 |
| 30° | 2043.8 | 2051.2 | 2049.2 | 2036.0 | 2002.7 | 1944.0 | 1868.1 | 1765.9 | 1654.7 | 1549.4 | 1457.0 |
| 32.5° | 1920.8 | 1927.4 | 1944.7 | 1970.6 | 1972.6 | 1949.1 | 1892.3 | 1797.9 | 1682.9 | 1563.2 | 1452.6 |
| 35° | 1630.7 | 1639.6 | 1672.8 | 1725.2 | 1793.7 | 1851.0 | 1862.7 | 1811.8 | 1708.5 | 1579.8 | 1446.2 |
| 37.5° | 1253.7 | 1301.8 | 1329.8 | 1385.0 | 1488.5 | 1593.8 | 1695.2 | 1732.4 | 1688.5 | 1573.0 | 1435.8 |
| 40° | 1065.0 | 1076.7 | 1126.6 | 1188.8 | 1275.9 | 1385.5 | 1529.9 | 1634.2 | 1637.6 | 1557.4 | 1419.3 |
| 42.5° | 911.4 | 926.3 | 960.6 | 1010.2 | 1084.9 | 1194.5 | 1343.5 | 1481.1 | 1544.8 | 1514.3 | 1397.8 |
| 45° | 729.2 | 740.5 | 765.4 | 803.6 | 860.9 | 951.4 | 1079.7 | 1238.7 | 1365.0 | 1414.4 | 1340.0 |
| 47.5° | 599.1 | 605.1 | 626.9 | 655.9 | 698.3 | 764.3 | 863.6 | 1001.6 | 1153.1 | 1259.2 | 1248.8 |
| 50° | 528.6 | 535.5 | 552.0 | 574.1 | 609.8 | 665.6 | 744.9 | 859.9 | 1016.1 | 1145.8 | 1171.7 |
| 52.5° | 473.7 | 479.5 | 489.8 | 510.7 | 540.1 | 583.0 | 647.0 | 751.0 | 891.6 | 1029.4 | 1089.4 |
| 55° | 400.3 | 404.3 | 412.6 | 424.3 | 447.8 | 478.6 | 534.0 | 605.9 | 719.4 | 858.5 | 946.5 |
| 57.5° | 339.9 | 341.8 | 347.1 | 358.0 | 374.2 | 396.7 | 436.7 | 497.7 | 579.1 | 704.3 | 801.4 |
| 60° | 301.5 | 303.4 | 310.3 | 317.6 | 330.4 | 350.9 | 382.2 | 424.8 | 503.1 | 606.3 | 704.7 |
| 62.5° | 271.0 | 272.1 | 275.0 | 282.4 | 293.5 | 309.4 | 334.0 | 368.8 | 431.1 | 521.8 | 614.7 |
| 65° | 227.1 | 227.6 | 228.6 | 234.4 | 241.3 | 253.1 | 269.2 | 293.6 | 340.6 | 409.2 | 491.3 |
| 67.5° | 185.0 | 185.7 | 189.1 | 191.1 | 198.3 | 204.4 | 214.0 | 232.7 | 265.8 | 312.0 | 375.9 |
| 70° | 161.6 | 161.0 | 164.5 | 166.9 | 169.4 | 176.6 | 183.0 | 198.2 | 218.8 | 254.0 | 307.4 |
| 72.5° | 139.6 | 138.3 | 139.8 | 140.6 | 143.9 | 148.9 | 155.2 | 164.6 | 180.4 | 204.6 | 245.5 |
| 75° | 105.8 | 106.2 | 106.2 | 107.2 | 109.6 | 111.6 | 113.6 | 118.5 | 127.2 | 143.4 | 165.4 |
| 77.5° | 74.2 | 73.4 | 75.5 | 75.8 | 77.2 | 79.4 | 81.1 | 83.0 | 86.6 | 93.3 | 104.6 |
| 80° | 53.8 | 53.8 | 54.3 | 55.8 | 55.3 | 56.3 | 58.7 | 60.7 | 65.1 | 69.0 | 73.0 |
| 82.5° | 41.3 | 40.9 | 41.4 | 41.7 | 41.6 | 42.6 | 43.5 | 43.8 | 45.5 | 47.5 | 50.2 |
| 85° | 22.5 | 22.5 | 23.0 | 23.0 | 23.5 | 23.5 | 23.9 | 23.9 | 23.9 | 24.5 | 25.0 |
| 87.5° | 14.5 | 13.9 | 13.4 | 13.2 | 13.5 | 14.0 | 13.4 | 12.7 | 12.4 | 12.2 | 12.2 |
| 90° | 29.3 | 28.6 | 27.7 | 26.9 | 26.1 | 25.0 | 23.7 | 22.2 | 20.9 | 19.6 | 17.6 |
| 92.5° | 57.7 | 57.1 | 56.6 | 55.9 | 55.3 | 54.1 | 52.3 | 50.5 | 48.7 | 46.9 | 44.6 |
| 95° | 105.2 | 104.6 | 104.1 | 103.5 | 102.9 | 101.8 | 99.8 | 97.9 | 96.0 | 94.2 | 91.4 |
| 97.5° | 159.5 | 159.1 | 158.8 | 158.4 | 158.2 | 157.0 | 155.2 | 153.4 | 151.7 | 149.9 | 146.2 |
| 100° | 200.5 | 200.0 | 199.4 | 198.9 | 198.3 | 196.8 | 194.4 | 192.0 | 189.5 | 187.1 | 183.5 |
| 102.5° | 241.6 | 240.8 | 240.1 | 239.3 | 238.6 | 236.9 | 234.1 | 231.5 | 228.8 | 226.2 | 224.4 |
| 105° | 303.2 | 302.4 | 301.6 | 300.8 | 299.9 | 298.7 | 297.1 | 295.5 | 293.9 | 292.2 | 290.6 |
| 107.5° | 366.3 | 366.4 | 366.4 | 366.5 | 366.6 | 366.2 | 365.3 | 364.5 | 363.7 | 362.9 | 361.7 |
| 110° | 413.2 | 413.5 | 413.8 | 414.1 | 414.3 | 414.1 | 413.2 | 412.5 | 411.6 | 410.8 | 410.0 |



TEST NUMBER: P333693-830

CATALOG NUMBER: S125RDIW-S850D1340U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 459.2 | 459.7 | 460.2 | 460.7 | 461.2 | 461.2 | 460.8 | 460.4 | 460.1 | 459.7 | 458.6 |
| 115° | 531.9 | 532.2 | 532.3 | 532.6 | 532.9 | 533.2 | 533.5 | 533.8 | 534.0 | 534.3 | 533.8 |
| 117.5° | 602.8 | 603.9 | 604.9 | 606.1 | 607.1 | 607.6 | 607.3 | 607.1 | 606.9 | 606.7 | 606.1 |
| 120° | 651.7 | 652.7 | 653.8 | 654.9 | 656.0 | 656.6 | 656.6 | 656.6 | 656.6 | 656.6 | 656.3 |
| 122.5° | 700.6 | 701.4 | 702.3 | 703.1 | 704.1 | 704.6 | 704.8 | 705.0 | 705.2 | 705.5 | 704.7 |
| 125° | 773.9 | 774.2 | 774.5 | 774.8 | 775.1 | 775.4 | 776.0 | 776.5 | 777.0 | 777.6 | 777.3 |
| 127.5° | 844.3 | 844.9 | 845.5 | 846.0 | 846.5 | 847.0 | 847.2 | 847.4 | 847.7 | 848.0 | 847.7 |
| 130° | 891.3 | 891.8 | 892.4 | 893.0 | 893.4 | 893.9 | 894.2 | 894.4 | 894.7 | 894.9 | 894.4 |
| 132.5° | 935.3 | 936.0 | 936.8 | 937.6 | 938.4 | 938.9 | 939.1 | 939.4 | 939.7 | 940.0 | 940.1 |
| 135° | 1003.8 | 1004.8 | 1006.0 | 1007.0 | 1008.1 | 1008.7 | 1008.7 | 1008.7 | 1008.7 | 1008.7 | 1008.4 |
| 137.5° | 1070.8 | 1072.1 | 1073.5 | 1074.9 | 1076.2 | 1076.8 | 1076.4 | 1076.1 | 1075.7 | 1075.4 | 1074.9 |
| 140° | 1113.8 | 1115.2 | 1116.5 | 1117.9 | 1119.3 | 1119.6 | 1119.1 | 1118.6 | 1118.0 | 1117.5 | 1116.6 |
| 142.5° | 1154.9 | 1156.2 | 1157.6 | 1159.0 | 1160.4 | 1160.8 | 1160.6 | 1160.2 | 1159.9 | 1159.5 | 1158.5 |
| 145° | 1216.5 | 1217.3 | 1218.1 | 1219.0 | 1219.7 | 1220.2 | 1220.2 | 1220.2 | 1220.2 | 1220.2 | 1219.4 |
| 147.5° | 1269.1 | 1270.9 | 1272.8 | 1274.6 | 1276.5 | 1277.1 | 1276.4 | 1275.7 | 1275.2 | 1274.5 | 1273.8 |
| 150° | 1308.2 | 1308.7 | 1309.3 | 1309.9 | 1310.4 | 1310.7 | 1310.7 | 1310.7 | 1310.7 | 1310.7 | 1309.6 |
| 152.5° | 1340.5 | 1341.4 | 1342.5 | 1343.4 | 1344.4 | 1344.5 | 1343.9 | 1343.2 | 1342.7 | 1342.0 | 1341.5 |
| 155° | 1386.5 | 1387.8 | 1389.2 | 1390.5 | 1391.9 | 1392.0 | 1390.9 | 1389.9 | 1388.7 | 1387.7 | 1387.4 |
| 157.5° | 1424.8 | 1426.6 | 1428.4 | 1430.2 | 1432.0 | 1432.4 | 1431.3 | 1430.2 | 1429.1 | 1428.0 | 1427.8 |
| 160° | 1451.2 | 1452.6 | 1454.0 | 1455.4 | 1456.7 | 1456.8 | 1455.8 | 1454.6 | 1453.6 | 1452.5 | 1452.2 |
| 162.5° | 1473.8 | 1475.4 | 1476.9 | 1478.5 | 1480.1 | 1480.2 | 1478.8 | 1477.6 | 1476.3 | 1475.0 | 1474.9 |
| 165° | 1503.8 | 1505.4 | 1507.1 | 1508.7 | 1510.3 | 1510.6 | 1509.6 | 1508.4 | 1507.4 | 1506.3 | 1506.0 |
| 167.5° | 1527.8 | 1529.5 | 1531.2 | 1532.9 | 1534.6 | 1534.6 | 1533.0 | 1531.3 | 1529.7 | 1528.0 | 1528.0 |
| 170° | 1540.5 | 1542.4 | 1544.4 | 1546.2 | 1548.1 | 1548.2 | 1546.6 | 1545.0 | 1543.4 | 1541.7 | 1541.7 |
| 172.5° | 1551.2 | 1552.9 | 1554.6 | 1556.3 | 1558.0 | 1558.0 | 1556.4 | 1554.8 | 1553.1 | 1551.5 | 1551.5 |
| 175° | 1561.3 | 1563.2 | 1565.1 | 1567.0 | 1568.9 | 1569.1 | 1567.4 | 1565.8 | 1564.1 | 1562.5 | 1562.5 |
| 177.5° | 1567.2 | 1568.7 | 1570.2 | 1571.7 | 1573.3 | 1573.4 | 1572.1 | 1570.7 | 1569.4 | 1568.1 | 1568.4 |
| 180° | 1571.1 | 1571.1 | 1571.1 | 1571.1 | 1571.1 | 1571.1 | 1571.1 | 1571.1 | 1571.1 | 1571.1 | 1571.1 |



TEST NUMBER: P333693-830

CATALOG NUMBER: S125RDIW-S850D1340U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1192.2 | 1192.2 | 1192.2 | 1192.2 | 1192.2 | 1192.2 | 1192.2 | 1192.2 | 1192.2 | 1192.2 | 1192.2 |
| 2.5° | 1225.1 | 1222.4 | 1217.3 | 1212.6 | 1206.7 | 1201.6 | 1198.1 | 1193.8 | 1188.3 | 1181.7 | 1176.2 |
| 5° | 1279.3 | 1268.6 | 1254.3 | 1242.2 | 1226.4 | 1214.3 | 1201.6 | 1189.3 | 1177.0 | 1161.4 | 1147.6 |
| 7.5° | 1339.4 | 1317.2 | 1295.6 | 1268.4 | 1243.7 | 1221.6 | 1200.5 | 1179.1 | 1158.2 | 1136.0 | 1114.5 |
| 10° | 1376.2 | 1349.3 | 1319.5 | 1285.2 | 1253.9 | 1224.0 | 1196.7 | 1169.7 | 1141.3 | 1116.3 | 1089.4 |
| 12.5° | 1410.7 | 1375.9 | 1341.8 | 1298.5 | 1260.9 | 1224.5 | 1189.6 | 1156.0 | 1125.7 | 1093.3 | 1064.4 |
| 15° | 1441.8 | 1407.6 | 1369.4 | 1316.5 | 1264.1 | 1220.1 | 1179.0 | 1135.5 | 1097.8 | 1061.6 | 1029.3 |
| 17.5° | 1453.9 | 1418.0 | 1373.6 | 1322.8 | 1265.6 | 1210.1 | 1157.2 | 1109.4 | 1065.1 | 1022.8 | 986.6 |
| 20° | 1449.2 | 1414.4 | 1368.9 | 1320.4 | 1259.2 | 1201.6 | 1144.2 | 1091.4 | 1042.0 | 997.4 | 958.8 |
| 22.5° | 1437.8 | 1401.8 | 1357.9 | 1306.7 | 1248.7 | 1187.4 | 1126.2 | 1069.9 | 1018.0 | 971.9 | 929.8 |
| 25° | 1420.8 | 1371.9 | 1326.8 | 1276.9 | 1221.5 | 1160.9 | 1097.8 | 1035.6 | 980.3 | 933.3 | 887.3 |
| 27.5° | 1403.1 | 1342.0 | 1284.7 | 1235.1 | 1176.7 | 1122.5 | 1061.7 | 997.9 | 939.8 | 891.9 | 844.7 |
| 30° | 1387.0 | 1318.5 | 1255.4 | 1199.1 | 1143.8 | 1092.4 | 1034.6 | 972.4 | 912.8 | 863.4 | 815.4 |
| 32.5° | 1367.1 | 1294.2 | 1224.8 | 1159.9 | 1106.5 | 1055.6 | 1003.3 | 943.9 | 885.7 | 834.7 | 786.0 |
| 35° | 1342.0 | 1249.0 | 1173.7 | 1104.6 | 1045.4 | 996.0 | 949.0 | 901.0 | 842.7 | 789.9 | 742.4 |
| 37.5° | 1309.1 | 1203.5 | 1116.3 | 1041.2 | 978.7 | 929.1 | 892.0 | 848.2 | 795.0 | 744.4 | 700.3 |
| 40° | 1289.1 | 1170.6 | 1075.3 | 1000.9 | 935.3 | 882.9 | 848.2 | 811.0 | 762.5 | 715.0 | 671.0 |
| 42.5° | 1262.5 | 1140.6 | 1033.8 | 956.2 | 890.2 | 839.8 | 804.6 | 772.2 | 731.6 | 686.8 | 639.7 |
| 45° | 1210.3 | 1082.1 | 970.1 | 886.8 | 820.3 | 770.8 | 738.0 | 709.2 | 678.3 | 637.3 | 596.1 |
| 47.5° | 1142.4 | 1021.2 | 903.8 | 813.0 | 747.8 | 701.9 | 670.1 | 647.3 | 625.3 | 590.3 | 550.4 |
| 50° | 1088.0 | 971.0 | 856.5 | 768.4 | 698.9 | 655.3 | 625.5 | 607.4 | 587.3 | 555.4 | 522.2 |
| 52.5° | 1023.8 | 919.4 | 807.1 | 717.1 | 651.5 | 610.7 | 582.0 | 563.9 | 547.3 | 521.4 | 489.7 |
| 55° | 922.6 | 831.0 | 728.2 | 646.5 | 586.4 | 545.2 | 517.8 | 500.7 | 490.9 | 468.8 | 443.9 |
| 57.5° | 805.8 | 740.2 | 649.5 | 570.7 | 517.6 | 476.9 | 456.9 | 442.2 | 431.2 | 415.6 | 398.0 |
| 60° | 724.3 | 678.3 | 597.1 | 522.2 | 473.3 | 434.6 | 416.5 | 404.3 | 394.0 | 380.8 | 367.0 |
| 62.5° | 641.7 | 608.2 | 537.5 | 473.3 | 428.2 | 395.9 | 378.9 | 367.9 | 356.0 | 347.1 | 333.8 |
| 65° | 531.0 | 501.1 | 452.2 | 401.8 | 360.2 | 334.2 | 322.1 | 312.3 | 304.9 | 295.1 | 285.8 |
| 67.5° | 413.0 | 401.0 | 367.1 | 332.4 | 302.6 | 279.5 | 268.9 | 262.0 | 253.3 | 247.3 | 241.0 |
| 70° | 340.6 | 334.8 | 310.8 | 287.8 | 259.9 | 244.2 | 234.4 | 231.5 | 220.7 | 214.9 | 210.5 |
| 72.5° | 276.4 | 273.7 | 259.9 | 243.9 | 224.2 | 210.6 | 201.5 | 198.2 | 191.3 | 186.6 | 183.8 |
| 75° | 189.4 | 190.4 | 187.9 | 177.7 | 170.3 | 161.6 | 153.6 | 151.7 | 146.8 | 142.9 | 140.4 |
| 77.5° | 119.8 | 124.8 | 125.0 | 124.5 | 121.6 | 116.2 | 112.9 | 111.5 | 106.7 | 105.2 | 104.6 |
| 80° | 82.2 | 87.6 | 92.5 | 92.0 | 91.0 | 89.5 | 87.1 | 85.7 | 83.2 | 81.7 | 80.8 |
| 82.5° | 54.9 | 59.9 | 63.9 | 66.5 | 66.4 | 64.9 | 63.2 | 62.6 | 62.0 | 61.0 | 60.8 |
| 85° | 25.9 | 27.0 | 28.4 | 31.9 | 34.2 | 34.8 | 34.2 | 33.7 | 32.3 | 32.8 | 33.3 |
| 87.5° | 12.2 | 11.8 | 11.8 | 11.4 | 10.6 | 12.1 | 12.8 | 12.8 | 12.4 | 12.1 | 11.7 |
| 90° | 15.7 | 13.9 | 12.0 | 9.9 | 7.7 | 5.6 | 3.4 | 1.2 | 3.4 | 5.6 | 7.7 |
| 92.5° | 42.3 | 40.0 | 37.6 | 35.6 | 34.1 | 32.6 | 31.1 | 29.6 | 31.1 | 32.6 | 34.1 |
| 95° | 88.7 | 86.0 | 83.3 | 81.6 | 81.1 | 80.6 | 80.0 | 79.5 | 80.0 | 80.6 | 81.1 |
| 97.5° | 142.4 | 138.6 | 134.9 | 132.9 | 132.7 | 132.5 | 132.2 | 132.1 | 132.2 | 132.5 | 132.7 |
| 100° | 180.0 | 176.4 | 173.0 | 171.2 | 171.2 | 171.2 | 171.2 | 171.2 | 171.2 | 171.2 | 171.2 |
| 102.5° | 222.6 | 220.8 | 219.0 | 217.5 | 216.5 | 215.4 | 214.3 | 213.2 | 214.3 | 215.4 | 216.5 |
| 105° | 289.0 | 287.3 | 285.7 | 284.2 | 282.9 | 281.4 | 280.1 | 278.8 | 280.1 | 281.4 | 282.9 |
| 107.5° | 360.3 | 359.1 | 357.9 | 356.6 | 355.2 | 353.8 | 352.5 | 351.1 | 352.5 | 353.8 | 355.2 |
| 110° | 409.2 | 408.4 | 407.6 | 406.4 | 405.1 | 403.8 | 402.4 | 401.1 | 402.4 | 403.8 | 405.1 |



TEST NUMBER: P333693-830

CATALOG NUMBER: S125RDIW-S850D1340U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 457.6 | 456.6 | 455.6 | 454.7 | 454.0 | 453.3 | 452.6 | 451.9 | 452.6 | 453.3 | 454.0 |
| 115° | 533.2 | 532.6 | 532.2 | 531.3 | 530.2 | 529.1 | 528.0 | 527.0 | 528.0 | 529.1 | 530.2 |
| 117.5° | 605.7 | 605.2 | 604.7 | 604.3 | 603.7 | 603.2 | 602.8 | 602.3 | 602.8 | 603.2 | 603.7 |
| 120° | 656.0 | 655.7 | 655.4 | 654.7 | 653.3 | 652.0 | 650.5 | 649.2 | 650.5 | 652.0 | 653.3 |
| 122.5° | 704.1 | 703.3 | 702.7 | 702.0 | 701.5 | 701.1 | 700.6 | 700.1 | 700.6 | 701.1 | 701.5 |
| 125° | 777.0 | 776.7 | 776.5 | 775.5 | 773.9 | 772.3 | 770.6 | 769.0 | 770.6 | 772.3 | 773.9 |
| 127.5° | 847.3 | 847.1 | 846.7 | 846.1 | 845.2 | 844.2 | 843.3 | 842.4 | 843.3 | 844.2 | 845.2 |
| 130° | 893.9 | 893.3 | 892.8 | 891.8 | 890.5 | 889.1 | 887.8 | 886.4 | 887.8 | 889.1 | 890.5 |
| 132.5° | 940.2 | 940.3 | 940.4 | 939.3 | 937.1 | 934.9 | 932.6 | 930.4 | 932.6 | 934.9 | 937.1 |
| 135° | 1008.1 | 1007.9 | 1007.6 | 1006.6 | 1005.0 | 1003.3 | 1001.7 | 1000.1 | 1001.7 | 1003.3 | 1005.0 |
| 137.5° | 1074.2 | 1073.7 | 1073.0 | 1072.0 | 1070.4 | 1068.8 | 1067.2 | 1065.6 | 1067.2 | 1068.8 | 1070.4 |
| 140° | 1115.9 | 1115.0 | 1114.2 | 1113.1 | 1111.8 | 1110.4 | 1109.1 | 1107.7 | 1109.1 | 1110.4 | 1111.8 |
| 142.5° | 1157.4 | 1156.4 | 1155.4 | 1154.3 | 1153.2 | 1152.1 | 1150.9 | 1149.8 | 1150.9 | 1152.1 | 1153.2 |
| 145° | 1218.5 | 1217.8 | 1216.9 | 1216.0 | 1214.8 | 1213.8 | 1212.7 | 1211.6 | 1212.7 | 1213.8 | 1214.8 |
| 147.5° | 1273.2 | 1272.5 | 1271.9 | 1271.2 | 1270.6 | 1270.1 | 1269.4 | 1268.9 | 1269.4 | 1270.1 | 1270.6 |
| 150° | 1308.5 | 1307.4 | 1306.3 | 1305.9 | 1306.2 | 1306.5 | 1306.7 | 1307.0 | 1306.7 | 1306.5 | 1306.2 |
| 152.5° | 1341.0 | 1340.7 | 1340.2 | 1339.8 | 1339.4 | 1339.1 | 1338.7 | 1338.3 | 1338.7 | 1339.1 | 1339.4 |
| 155° | 1387.1 | 1386.9 | 1386.6 | 1386.5 | 1386.5 | 1386.5 | 1386.5 | 1386.5 | 1386.5 | 1386.5 | 1386.5 |
| 157.5° | 1427.5 | 1427.2 | 1426.9 | 1427.1 | 1427.7 | 1428.3 | 1428.9 | 1429.5 | 1428.9 | 1428.3 | 1427.7 |
| 160° | 1452.0 | 1451.7 | 1451.4 | 1451.7 | 1452.5 | 1453.3 | 1454.2 | 1454.9 | 1454.2 | 1453.3 | 1452.5 |
| 162.5° | 1474.9 | 1474.8 | 1474.8 | 1475.1 | 1475.6 | 1476.2 | 1476.9 | 1477.4 | 1476.9 | 1476.2 | 1475.6 |
| 165° | 1505.7 | 1505.4 | 1505.2 | 1505.3 | 1505.9 | 1506.4 | 1506.9 | 1507.5 | 1506.9 | 1506.4 | 1505.9 |
| 167.5° | 1528.0 | 1528.0 | 1528.0 | 1528.6 | 1529.7 | 1530.8 | 1531.8 | 1533.0 | 1531.8 | 1530.8 | 1529.7 |
| 170° | 1541.7 | 1541.7 | 1541.7 | 1542.3 | 1543.4 | 1544.5 | 1545.6 | 1546.6 | 1545.6 | 1544.5 | 1543.4 |
| 172.5° | 1551.5 | 1551.5 | 1551.5 | 1552.1 | 1553.1 | 1554.3 | 1555.3 | 1556.4 | 1555.3 | 1554.3 | 1553.1 |
| 175° | 1562.5 | 1562.5 | 1562.5 | 1563.1 | 1564.1 | 1565.3 | 1566.3 | 1567.4 | 1566.3 | 1565.3 | 1564.1 |
| 177.5° | 1568.6 | 1568.8 | 1569.1 | 1569.5 | 1570.5 | 1571.3 | 1572.2 | 1573.0 | 1572.2 | 1571.3 | 1570.5 |
| 180° | 1571.1 | 1571.1 | 1571.1 | 1571.1 | 1571.1 | 1571.1 | 1571.1 | 1571.1 | 1571.1 | 1571.1 | 1571.1 |



TEST NUMBER: P333693-830

CATALOG NUMBER: S125RDIW-S850D1340U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1192.2 | 1192.2 | 1192.2 | 1192.2 | 1192.2 | 1192.2 | 1192.2 | 1192.2 | 1192.2 | 1192.2 | 1192.2 |
| 2.5° | 1172.2 | 1166.8 | 1162.8 | 1155.0 | 1149.5 | 1147.2 | 1142.9 | 1141.7 | 1146.0 | 1142.9 | 1142.5 |
| 5° | 1137.4 | 1123.2 | 1111.9 | 1100.7 | 1088.4 | 1080.6 | 1068.8 | 1067.0 | 1063.9 | 1059.6 | 1058.6 |
| 7.5° | 1095.6 | 1077.1 | 1062.6 | 1044.1 | 1027.8 | 1014.8 | 1000.1 | 993.3 | 989.4 | 983.7 | 976.1 |
| 10° | 1067.4 | 1045.4 | 1025.8 | 1007.2 | 987.1 | 971.0 | 956.3 | 945.1 | 937.7 | 930.9 | 927.9 |
| 12.5° | 1039.6 | 1017.2 | 992.1 | 969.6 | 947.3 | 929.1 | 912.9 | 905.5 | 897.4 | 889.4 | 882.5 |
| 15° | 996.5 | 966.6 | 939.1 | 913.2 | 894.2 | 874.6 | 858.9 | 848.2 | 835.9 | 832.5 | 819.3 |
| 17.5° | 950.6 | 921.3 | 889.3 | 862.0 | 839.8 | 818.3 | 801.1 | 788.8 | 779.7 | 767.0 | 760.9 |
| 20° | 922.1 | 887.3 | 856.0 | 831.0 | 806.5 | 781.1 | 763.5 | 753.2 | 744.4 | 734.1 | 729.2 |
| 22.5° | 891.6 | 857.5 | 825.5 | 796.2 | 771.3 | 746.3 | 733.8 | 723.0 | 713.0 | 703.6 | 697.1 |
| 25° | 846.7 | 812.5 | 778.6 | 748.3 | 722.4 | 704.3 | 689.6 | 677.3 | 671.9 | 662.7 | 655.8 |
| 27.5° | 802.4 | 765.9 | 730.8 | 700.7 | 680.3 | 662.4 | 650.4 | 640.6 | 630.9 | 622.8 | 616.9 |
| 30° | 773.7 | 736.6 | 698.4 | 674.4 | 652.9 | 635.7 | 622.5 | 613.2 | 605.9 | 598.5 | 594.2 |
| 32.5° | 745.2 | 706.8 | 673.0 | 647.0 | 626.6 | 611.9 | 598.2 | 589.4 | 581.6 | 573.5 | 568.4 |
| 35° | 699.4 | 660.3 | 632.8 | 607.4 | 587.3 | 573.6 | 564.3 | 551.6 | 545.2 | 539.3 | 534.0 |
| 37.5° | 656.8 | 620.4 | 590.7 | 568.4 | 551.0 | 537.3 | 525.4 | 518.5 | 510.7 | 505.4 | 500.9 |
| 40° | 625.5 | 592.2 | 565.2 | 541.8 | 529.0 | 513.9 | 502.7 | 493.8 | 488.0 | 481.1 | 476.2 |
| 42.5° | 597.3 | 566.4 | 540.2 | 519.1 | 503.2 | 490.4 | 479.6 | 470.7 | 463.3 | 458.4 | 454.3 |
| 45° | 557.4 | 526.6 | 501.1 | 481.5 | 466.9 | 454.7 | 443.4 | 439.0 | 429.2 | 423.4 | 421.4 |
| 47.5° | 516.2 | 488.6 | 464.1 | 446.0 | 431.0 | 419.4 | 408.9 | 399.8 | 394.5 | 388.7 | 385.6 |
| 50° | 488.4 | 462.0 | 439.0 | 421.4 | 406.7 | 394.0 | 384.2 | 378.3 | 371.0 | 365.6 | 361.7 |
| 52.5° | 460.6 | 436.2 | 413.2 | 396.3 | 383.6 | 370.9 | 360.0 | 354.0 | 347.1 | 343.7 | 340.9 |
| 55° | 420.9 | 394.9 | 375.4 | 358.7 | 345.5 | 333.8 | 323.5 | 317.6 | 313.2 | 309.8 | 308.8 |
| 57.5° | 375.9 | 355.3 | 337.1 | 322.2 | 308.4 | 297.4 | 288.3 | 282.8 | 278.9 | 278.3 | 275.4 |
| 60° | 346.5 | 327.9 | 311.2 | 295.1 | 283.3 | 273.1 | 265.2 | 258.9 | 255.0 | 254.5 | 253.5 |
| 62.5° | 317.2 | 299.4 | 283.9 | 269.7 | 259.1 | 249.2 | 241.8 | 234.6 | 232.2 | 229.8 | 227.7 |
| 65° | 273.6 | 257.4 | 244.7 | 233.5 | 222.2 | 213.9 | 206.5 | 202.1 | 196.7 | 193.8 | 188.4 |
| 67.5° | 230.8 | 218.3 | 206.0 | 196.5 | 187.8 | 179.8 | 173.7 | 167.2 | 163.5 | 161.2 | 157.3 |
| 70° | 202.6 | 192.8 | 180.6 | 170.3 | 163.4 | 157.1 | 152.2 | 144.9 | 142.4 | 140.4 | 138.5 |
| 72.5° | 176.0 | 167.4 | 157.1 | 148.8 | 141.9 | 135.9 | 130.3 | 126.9 | 124.4 | 122.4 | 121.3 |
| 75° | 138.5 | 130.2 | 121.4 | 115.5 | 110.7 | 105.8 | 102.7 | 100.3 | 99.3 | 98.9 | 96.9 |
| 77.5° | 101.7 | 97.3 | 90.2 | 85.6 | 82.3 | 80.4 | 77.8 | 76.4 | 76.3 | 74.2 | 73.5 |
| 80° | 77.9 | 75.4 | 69.5 | 67.6 | 65.1 | 63.2 | 61.6 | 59.2 | 56.7 | 55.8 | 54.3 |
| 82.5° | 57.9 | 55.4 | 53.1 | 50.0 | 47.9 | 46.7 | 45.2 | 44.3 | 44.7 | 43.3 | 42.6 |
| 85° | 30.8 | 28.4 | 27.4 | 27.0 | 25.9 | 27.0 | 26.4 | 25.9 | 25.4 | 25.0 | 25.4 |
| 87.5° | 11.8 | 12.2 | 12.2 | 13.3 | 12.5 | 13.3 | 13.6 | 13.5 | 13.8 | 14.0 | 13.9 |
| 90° | 9.9 | 12.0 | 13.9 | 15.7 | 17.6 | 19.6 | 20.9 | 22.2 | 23.7 | 25.0 | 26.1 |
| 92.5° | 35.6 | 37.6 | 40.0 | 42.3 | 44.6 | 46.9 | 48.7 | 50.5 | 52.3 | 54.1 | 55.3 |
| 95° | 81.6 | 83.3 | 86.0 | 88.7 | 91.4 | 94.2 | 96.0 | 97.9 | 99.8 | 101.8 | 102.9 |
| 97.5° | 132.9 | 134.9 | 138.6 | 142.4 | 146.2 | 149.9 | 151.7 | 153.4 | 155.2 | 157.0 | 158.2 |
| 100° | 171.2 | 173.0 | 176.4 | 180.0 | 183.5 | 187.1 | 189.5 | 192.0 | 194.4 | 196.8 | 198.3 |
| 102.5° | 217.5 | 219.0 | 220.8 | 222.6 | 224.4 | 226.2 | 228.8 | 231.5 | 234.1 | 236.9 | 238.6 |
| 105° | 284.2 | 285.7 | 287.3 | 289.0 | 290.6 | 292.2 | 293.9 | 295.5 | 297.1 | 298.7 | 299.9 |
| 107.5° | 356.6 | 357.9 | 359.1 | 360.3 | 361.7 | 362.9 | 363.7 | 364.5 | 365.3 | 366.2 | 366.6 |
| 110° | 406.4 | 407.6 | 408.4 | 409.2 | 410.0 | 410.8 | 411.6 | 412.5 | 413.2 | 414.1 | 414.3 |



TEST NUMBER: P333693-830

CATALOG NUMBER: S125RDIW-S850D1340U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 454.7 | 455.6 | 456.6 | 457.6 | 458.6 | 459.7 | 460.1 | 460.4 | 460.8 | 461.2 | 461.2 |
| 115° | 531.3 | 532.2 | 532.6 | 533.2 | 533.8 | 534.3 | 534.0 | 533.8 | 533.5 | 533.2 | 532.9 |
| 117.5° | 604.3 | 604.7 | 605.2 | 605.7 | 606.1 | 606.7 | 606.9 | 607.1 | 607.3 | 607.6 | 607.1 |
| 120° | 654.7 | 655.4 | 655.7 | 656.0 | 656.3 | 656.6 | 656.6 | 656.6 | 656.6 | 656.6 | 656.0 |
| 122.5° | 702.0 | 702.7 | 703.3 | 704.1 | 704.7 | 705.5 | 705.2 | 705.0 | 704.8 | 704.6 | 704.1 |
| 125° | 775.5 | 776.5 | 776.7 | 777.0 | 777.3 | 777.6 | 777.0 | 776.5 | 776.0 | 775.4 | 775.1 |
| 127.5° | 846.1 | 846.7 | 847.1 | 847.3 | 847.7 | 848.0 | 847.7 | 847.4 | 847.2 | 847.0 | 846.5 |
| 130° | 891.8 | 892.8 | 893.3 | 893.9 | 894.4 | 894.9 | 894.7 | 894.4 | 894.2 | 893.9 | 893.4 |
| 132.5° | 939.3 | 940.4 | 940.3 | 940.2 | 940.1 | 940.0 | 939.7 | 939.4 | 939.1 | 938.9 | 938.4 |
| 135° | 1006.6 | 1007.6 | 1007.9 | 1008.1 | 1008.4 | 1008.7 | 1008.7 | 1008.7 | 1008.7 | 1008.7 | 1008.1 |
| 137.5° | 1072.0 | 1073.0 | 1073.7 | 1074.2 | 1074.9 | 1075.4 | 1075.7 | 1076.1 | 1076.4 | 1076.8 | 1076.2 |
| 140° | 1113.1 | 1114.2 | 1115.0 | 1115.9 | 1116.6 | 1117.5 | 1118.0 | 1118.6 | 1119.1 | 1119.6 | 1119.3 |
| 142.5° | 1154.3 | 1155.4 | 1156.4 | 1157.4 | 1158.5 | 1159.5 | 1159.9 | 1160.2 | 1160.6 | 1160.8 | 1160.4 |
| 145° | 1216.0 | 1216.9 | 1217.8 | 1218.5 | 1219.4 | 1220.2 | 1220.2 | 1220.2 | 1220.2 | 1220.2 | 1219.7 |
| 147.5° | 1271.2 | 1271.9 | 1272.5 | 1273.2 | 1273.8 | 1274.5 | 1275.2 | 1275.7 | 1276.4 | 1277.1 | 1276.5 |
| 150° | 1305.9 | 1306.3 | 1307.4 | 1308.5 | 1309.6 | 1310.7 | 1310.7 | 1310.7 | 1310.7 | 1310.7 | 1310.4 |
| 152.5° | 1339.8 | 1340.2 | 1340.7 | 1341.0 | 1341.5 | 1342.0 | 1342.7 | 1343.2 | 1343.9 | 1344.5 | 1344.4 |
| 155° | 1386.5 | 1386.6 | 1386.9 | 1387.1 | 1387.4 | 1387.7 | 1388.7 | 1389.9 | 1390.9 | 1392.0 | 1391.9 |
| 157.5° | 1427.1 | 1426.9 | 1427.2 | 1427.5 | 1427.8 | 1428.0 | 1429.1 | 1430.2 | 1431.3 | 1432.4 | 1432.0 |
| 160° | 1451.7 | 1451.4 | 1451.7 | 1452.0 | 1452.2 | 1452.5 | 1453.6 | 1454.6 | 1455.8 | 1456.8 | 1456.7 |
| 162.5° | 1475.1 | 1474.8 | 1474.8 | 1474.9 | 1474.9 | 1475.0 | 1476.3 | 1477.6 | 1478.8 | 1480.2 | 1480.1 |
| 165° | 1505.3 | 1505.2 | 1505.4 | 1505.7 | 1506.0 | 1506.3 | 1507.4 | 1508.4 | 1509.6 | 1510.6 | 1510.3 |
| 167.5° | 1528.6 | 1528.0 | 1528.0 | 1528.0 | 1528.0 | 1528.0 | 1529.7 | 1531.3 | 1533.0 | 1534.6 | 1534.6 |
| 170° | 1542.3 | 1541.7 | 1541.7 | 1541.7 | 1541.7 | 1541.7 | 1543.4 | 1545.0 | 1546.6 | 1548.2 | 1548.1 |
| 172.5° | 1552.1 | 1551.5 | 1551.5 | 1551.5 | 1551.5 | 1551.5 | 1553.1 | 1554.8 | 1556.4 | 1558.0 | 1558.0 |
| 175° | 1563.1 | 1562.5 | 1562.5 | 1562.5 | 1562.5 | 1562.5 | 1564.1 | 1565.8 | 1567.4 | 1569.1 | 1568.9 |
| 177.5° | 1569.5 | 1569.1 | 1568.8 | 1568.6 | 1568.4 | 1568.1 | 1569.4 | 1570.7 | 1572.1 | 1573.4 | 1573.3 |
| 180° | 1571.1 | 1571.1 | 1571.1 | 1571.1 | 1571.1 | 1571.1 | 1571.1 | 1571.1 | 1571.1 | 1571.1 | 1571.1 |



TEST NUMBER: P333693-830

CATALOG NUMBER: S125RDIW-S850D1340U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1192.2 | 1192.2 | 1192.2 | 1192.2 | 1192.2 | 1192.2 | 1192.2 | 1192.2 | 1192.2 | 1192.2 | 1192.2 |
| 2.5° | 1142.1 | 1137.8 | 1136.6 | 1138.2 | 1136.6 | 1137.8 | 1142.1 | 1142.5 | 1142.9 | 1146.0 | 1141.7 |
| 5° | 1053.7 | 1048.9 | 1051.2 | 1050.3 | 1051.2 | 1048.9 | 1053.7 | 1058.6 | 1059.6 | 1063.9 | 1067.0 |
| 7.5° | 976.0 | 969.9 | 963.5 | 965.5 | 963.5 | 969.9 | 976.0 | 976.1 | 983.7 | 989.4 | 993.3 |
| 10° | 921.5 | 916.7 | 913.7 | 916.2 | 913.7 | 916.7 | 921.5 | 927.9 | 930.9 | 937.7 | 945.1 |
| 12.5° | 875.7 | 872.8 | 870.2 | 869.2 | 870.2 | 872.8 | 875.7 | 882.5 | 889.4 | 897.4 | 905.5 |
| 15° | 813.4 | 807.6 | 805.1 | 798.7 | 805.1 | 807.6 | 813.4 | 819.3 | 832.5 | 835.9 | 848.2 |
| 17.5° | 755.9 | 754.0 | 747.6 | 744.9 | 747.6 | 754.0 | 755.9 | 760.9 | 767.0 | 779.7 | 788.8 |
| 20° | 721.9 | 719.9 | 713.6 | 717.5 | 713.6 | 719.9 | 721.9 | 729.2 | 734.1 | 744.4 | 753.2 |
| 22.5° | 693.7 | 689.4 | 687.3 | 686.2 | 687.3 | 689.4 | 693.7 | 697.1 | 703.6 | 713.0 | 723.0 |
| 25° | 653.8 | 647.5 | 645.1 | 642.2 | 645.1 | 647.5 | 653.8 | 655.8 | 662.7 | 671.9 | 677.3 |
| 27.5° | 614.2 | 610.7 | 607.5 | 606.7 | 607.5 | 610.7 | 614.2 | 616.9 | 622.8 | 630.9 | 640.6 |
| 30° | 588.2 | 584.8 | 582.4 | 582.4 | 582.4 | 584.8 | 588.2 | 594.2 | 598.5 | 605.9 | 613.2 |
| 32.5° | 565.1 | 562.5 | 560.1 | 559.7 | 560.1 | 562.5 | 565.1 | 568.4 | 573.5 | 581.6 | 589.4 |
| 35° | 531.5 | 527.6 | 526.6 | 523.7 | 526.6 | 527.6 | 531.5 | 534.0 | 539.3 | 545.2 | 551.6 |
| 37.5° | 496.5 | 493.3 | 493.2 | 492.9 | 493.2 | 493.3 | 496.5 | 500.9 | 505.4 | 510.7 | 518.5 |
| 40° | 474.3 | 471.8 | 471.3 | 467.9 | 471.3 | 471.8 | 474.3 | 476.2 | 481.1 | 488.0 | 493.8 |
| 42.5° | 450.3 | 449.1 | 447.4 | 445.9 | 447.4 | 449.1 | 450.3 | 454.3 | 458.4 | 463.3 | 470.7 |
| 45° | 417.9 | 414.5 | 414.5 | 412.1 | 414.5 | 414.5 | 417.9 | 421.4 | 423.4 | 429.2 | 439.0 |
| 47.5° | 384.5 | 381.8 | 382.1 | 379.6 | 382.1 | 381.8 | 384.5 | 385.6 | 388.7 | 394.5 | 399.8 |
| 50° | 362.1 | 360.7 | 360.2 | 359.2 | 360.2 | 360.7 | 362.1 | 361.7 | 365.6 | 371.0 | 378.3 |
| 52.5° | 339.9 | 339.1 | 341.0 | 338.8 | 341.0 | 339.1 | 339.9 | 340.9 | 343.7 | 347.1 | 354.0 |
| 55° | 309.8 | 308.3 | 311.2 | 308.3 | 311.2 | 308.3 | 309.8 | 308.8 | 309.8 | 313.2 | 317.6 |
| 57.5° | 275.2 | 273.9 | 276.5 | 275.0 | 276.5 | 273.9 | 275.2 | 275.4 | 278.3 | 278.9 | 282.8 |
| 60° | 252.5 | 249.6 | 251.1 | 251.6 | 251.1 | 249.6 | 252.5 | 253.5 | 254.5 | 255.0 | 258.9 |
| 62.5° | 225.6 | 223.8 | 224.8 | 222.6 | 224.8 | 223.8 | 225.6 | 227.7 | 229.8 | 232.2 | 234.6 |
| 65° | 187.5 | 186.0 | 184.0 | 183.0 | 184.0 | 186.0 | 187.5 | 188.4 | 193.8 | 196.7 | 202.1 |
| 67.5° | 157.5 | 154.0 | 153.9 | 154.7 | 153.9 | 154.0 | 157.5 | 157.3 | 161.2 | 163.5 | 167.2 |
| 70° | 135.5 | 135.5 | 135.1 | 135.1 | 135.1 | 135.5 | 135.5 | 138.5 | 140.4 | 142.4 | 144.9 |
| 72.5° | 120.3 | 119.9 | 119.0 | 118.7 | 119.0 | 119.9 | 120.3 | 121.3 | 122.4 | 124.4 | 126.9 |
| 75° | 96.9 | 97.4 | 96.4 | 96.0 | 96.4 | 97.4 | 96.9 | 96.9 | 98.9 | 99.3 | 100.3 |
| 77.5° | 71.5 | 69.5 | 70.6 | 69.5 | 70.6 | 69.5 | 71.5 | 73.5 | 74.2 | 76.3 | 76.4 |
| 80° | 54.3 | 53.8 | 55.3 | 53.8 | 55.3 | 53.8 | 54.3 | 54.3 | 55.8 | 56.7 | 59.2 |
| 82.5° | 43.0 | 42.5 | 43.2 | 42.1 | 43.2 | 42.5 | 43.0 | 42.6 | 43.3 | 44.7 | 44.3 |
| 85° | 25.9 | 25.4 | 25.0 | 25.4 | 25.0 | 25.4 | 25.9 | 25.4 | 25.0 | 25.4 | 25.9 |
| 87.5° | 14.4 | 14.1 | 14.3 | 14.5 | 14.3 | 14.1 | 14.4 | 13.9 | 14.0 | 13.8 | 13.5 |
| 90° | 26.9 | 27.7 | 28.6 | 29.3 | 28.6 | 27.7 | 26.9 | 26.1 | 25.0 | 23.7 | 22.2 |
| 92.5° | 55.9 | 56.6 | 57.1 | 57.7 | 57.1 | 56.6 | 55.9 | 55.3 | 54.1 | 52.3 | 50.5 |
| 95° | 103.5 | 104.1 | 104.6 | 105.2 | 104.6 | 104.1 | 103.5 | 102.9 | 101.8 | 99.8 | 97.9 |
| 97.5° | 158.4 | 158.8 | 159.1 | 159.5 | 159.1 | 158.8 | 158.4 | 158.2 | 157.0 | 155.2 | 153.4 |
| 100° | 198.9 | 199.4 | 200.0 | 200.5 | 200.0 | 199.4 | 198.9 | 198.3 | 196.8 | 194.4 | 192.0 |
| 102.5° | 239.3 | 240.1 | 240.8 | 241.6 | 240.8 | 240.1 | 239.3 | 238.6 | 236.9 | 234.1 | 231.5 |
| 105° | 300.8 | 301.6 | 302.4 | 303.2 | 302.4 | 301.6 | 300.8 | 299.9 | 298.7 | 297.1 | 295.5 |
| 107.5° | 366.5 | 366.4 | 366.4 | 366.3 | 366.4 | 366.4 | 366.5 | 366.6 | 366.2 | 365.3 | 364.5 |
| 110° | 414.1 | 413.8 | 413.5 | 413.2 | 413.5 | 413.8 | 414.1 | 414.3 | 414.1 | 413.2 | 412.5 |



TEST NUMBER: P333693-830

CATALOG NUMBER: S125RDIW-S850D1340U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 460.7 | 460.2 | 459.7 | 459.2 | 459.7 | 460.2 | 460.7 | 461.2 | 461.2 | 460.8 | 460.4 |
| 115° | 532.6 | 532.3 | 532.2 | 531.9 | 532.2 | 532.3 | 532.6 | 532.9 | 533.2 | 533.5 | 533.8 |
| 117.5° | 606.1 | 604.9 | 603.9 | 602.8 | 603.9 | 604.9 | 606.1 | 607.1 | 607.6 | 607.3 | 607.1 |
| 120° | 654.9 | 653.8 | 652.7 | 651.7 | 652.7 | 653.8 | 654.9 | 656.0 | 656.6 | 656.6 | 656.6 |
| 122.5° | 703.1 | 702.3 | 701.4 | 700.6 | 701.4 | 702.3 | 703.1 | 704.1 | 704.6 | 704.8 | 705.0 |
| 125° | 774.8 | 774.5 | 774.2 | 773.9 | 774.2 | 774.5 | 774.8 | 775.1 | 775.4 | 776.0 | 776.5 |
| 127.5° | 846.0 | 845.5 | 844.9 | 844.3 | 844.9 | 845.5 | 846.0 | 846.5 | 847.0 | 847.2 | 847.4 |
| 130° | 893.0 | 892.4 | 891.8 | 891.3 | 891.8 | 892.4 | 893.0 | 893.4 | 893.9 | 894.2 | 894.4 |
| 132.5° | 937.6 | 936.8 | 936.0 | 935.3 | 936.0 | 936.8 | 937.6 | 938.4 | 938.9 | 939.1 | 939.4 |
| 135° | 1007.0 | 1006.0 | 1004.8 | 1003.8 | 1004.8 | 1006.0 | 1007.0 | 1008.1 | 1008.7 | 1008.7 | 1008.7 |
| 137.5° | 1074.9 | 1073.5 | 1072.1 | 1070.8 | 1072.1 | 1073.5 | 1074.9 | 1076.2 | 1076.8 | 1076.4 | 1076.1 |
| 140° | 1117.9 | 1116.5 | 1115.2 | 1113.8 | 1115.2 | 1116.5 | 1117.9 | 1119.3 | 1119.6 | 1119.1 | 1118.6 |
| 142.5° | 1159.0 | 1157.6 | 1156.2 | 1154.9 | 1156.2 | 1157.6 | 1159.0 | 1160.4 | 1160.8 | 1160.6 | 1160.2 |
| 145° | 1219.0 | 1218.1 | 1217.3 | 1216.5 | 1217.3 | 1218.1 | 1219.0 | 1219.7 | 1220.2 | 1220.2 | 1220.2 |
| 147.5° | 1274.6 | 1272.8 | 1270.9 | 1269.1 | 1270.9 | 1272.8 | 1274.6 | 1276.5 | 1277.1 | 1276.4 | 1275.7 |
| 150° | 1309.9 | 1309.3 | 1308.7 | 1308.2 | 1308.7 | 1309.3 | 1309.9 | 1310.4 | 1310.7 | 1310.7 | 1310.7 |
| 152.5° | 1343.4 | 1342.5 | 1341.4 | 1340.5 | 1341.4 | 1342.5 | 1343.4 | 1344.4 | 1344.5 | 1343.9 | 1343.2 |
| 155° | 1390.5 | 1389.2 | 1387.8 | 1386.5 | 1387.8 | 1389.2 | 1390.5 | 1391.9 | 1392.0 | 1390.9 | 1389.9 |
| 157.5° | 1430.2 | 1428.4 | 1426.6 | 1424.8 | 1426.6 | 1428.4 | 1430.2 | 1432.0 | 1432.4 | 1431.3 | 1430.2 |
| 160° | 1455.4 | 1454.0 | 1452.6 | 1451.2 | 1452.6 | 1454.0 | 1455.4 | 1456.7 | 1456.8 | 1455.8 | 1454.6 |
| 162.5° | 1478.5 | 1476.9 | 1475.4 | 1473.8 | 1475.4 | 1476.9 | 1478.5 | 1480.1 | 1480.2 | 1478.8 | 1477.6 |
| 165° | 1508.7 | 1507.1 | 1505.4 | 1503.8 | 1505.4 | 1507.1 | 1508.7 | 1510.3 | 1510.6 | 1509.6 | 1508.4 |
| 167.5° | 1532.9 | 1531.2 | 1529.5 | 1527.8 | 1529.5 | 1531.2 | 1532.9 | 1534.6 | 1534.6 | 1533.0 | 1531.3 |
| 170° | 1546.2 | 1544.4 | 1542.4 | 1540.5 | 1542.4 | 1544.4 | 1546.2 | 1548.1 | 1548.2 | 1546.6 | 1545.0 |
| 172.5° | 1556.3 | 1554.6 | 1552.9 | 1551.2 | 1552.9 | 1554.6 | 1556.3 | 1558.0 | 1558.0 | 1556.4 | 1554.8 |
| 175° | 1567.0 | 1565.1 | 1563.2 | 1561.3 | 1563.2 | 1565.1 | 1567.0 | 1568.9 | 1569.1 | 1567.4 | 1565.8 |
| 177.5° | 1571.7 | 1570.2 | 1568.7 | 1567.2 | 1568.7 | 1570.2 | 1571.7 | 1573.3 | 1573.4 | 1572.1 | 1570.7 |
| 180° | 1571.1 | 1571.1 | 1571.1 | 1571.1 | 1571.1 | 1571.1 | 1571.1 | 1571.1 | 1571.1 | 1571.1 | 1571.1 |



TEST NUMBER: P333693-830

CATALOG NUMBER: S125RDIW-S850D1340U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1192.2 | 1192.2 | 1192.2 | 1192.2 | 1192.2 | 1192.2 | 1192.2 | 1192.2 | 1192.2 | 1192.2 | 1192.2 |
| 2.5° | 1142.9 | 1147.2 | 1149.5 | 1155.0 | 1162.8 | 1166.8 | 1172.2 | 1176.2 | 1181.7 | 1188.3 | 1193.8 |
| 5° | 1068.8 | 1080.6 | 1088.4 | 1100.7 | 1111.9 | 1123.2 | 1137.4 | 1147.6 | 1161.4 | 1177.0 | 1189.3 |
| 7.5° | 1000.1 | 1014.8 | 1027.8 | 1044.1 | 1062.6 | 1077.1 | 1095.6 | 1114.5 | 1136.0 | 1158.2 | 1179.1 |
| 10° | 956.3 | 971.0 | 987.1 | 1007.2 | 1025.8 | 1045.4 | 1067.4 | 1089.4 | 1116.3 | 1141.3 | 1169.7 |
| 12.5° | 912.9 | 929.1 | 947.3 | 969.6 | 992.1 | 1017.2 | 1039.6 | 1064.4 | 1093.3 | 1125.7 | 1156.0 |
| 15° | 858.9 | 874.6 | 894.2 | 913.2 | 939.1 | 966.6 | 996.5 | 1029.3 | 1061.6 | 1097.8 | 1135.5 |
| 17.5° | 801.1 | 818.3 | 839.8 | 862.0 | 889.3 | 921.3 | 950.6 | 986.6 | 1022.8 | 1065.1 | 1109.4 |
| 20° | 763.5 | 781.1 | 806.5 | 831.0 | 856.0 | 887.3 | 922.1 | 958.8 | 997.4 | 1042.0 | 1091.4 |
| 22.5° | 733.8 | 746.3 | 771.3 | 796.2 | 825.5 | 857.5 | 891.6 | 929.8 | 971.9 | 1018.0 | 1069.9 |
| 25° | 689.6 | 704.3 | 722.4 | 748.3 | 778.6 | 812.5 | 846.7 | 887.3 | 933.3 | 980.3 | 1035.6 |
| 27.5° | 650.4 | 662.4 | 680.3 | 700.7 | 730.8 | 765.9 | 802.4 | 844.7 | 891.9 | 939.8 | 997.9 |
| 30° | 622.5 | 635.7 | 652.9 | 674.4 | 698.4 | 736.6 | 773.7 | 815.4 | 863.4 | 912.8 | 972.4 |
| 32.5° | 598.2 | 611.9 | 626.6 | 647.0 | 673.0 | 706.8 | 745.2 | 786.0 | 834.7 | 885.7 | 943.9 |
| 35° | 564.3 | 573.6 | 587.3 | 607.4 | 632.8 | 660.3 | 699.4 | 742.4 | 789.9 | 842.7 | 901.0 |
| 37.5° | 525.4 | 537.3 | 551.0 | 568.4 | 590.7 | 620.4 | 656.8 | 700.3 | 744.4 | 795.0 | 848.2 |
| 40° | 502.7 | 513.9 | 529.0 | 541.8 | 565.2 | 592.2 | 625.5 | 671.0 | 715.0 | 762.5 | 811.0 |
| 42.5° | 479.6 | 490.4 | 503.2 | 519.1 | 540.2 | 566.4 | 597.3 | 639.7 | 686.8 | 731.6 | 772.2 |
| 45° | 443.4 | 454.7 | 466.9 | 481.5 | 501.1 | 526.6 | 557.4 | 596.1 | 637.3 | 678.3 | 709.2 |
| 47.5° | 408.9 | 419.4 | 431.0 | 446.0 | 464.1 | 488.6 | 516.2 | 550.4 | 590.3 | 625.3 | 647.3 |
| 50° | 384.2 | 394.0 | 406.7 | 421.4 | 439.0 | 462.0 | 488.4 | 522.2 | 555.4 | 587.3 | 607.4 |
| 52.5° | 360.0 | 370.9 | 383.6 | 396.3 | 413.2 | 436.2 | 460.6 | 489.7 | 521.4 | 547.3 | 563.9 |
| 55° | 323.5 | 333.8 | 345.5 | 358.7 | 375.4 | 394.9 | 420.9 | 443.9 | 468.8 | 490.9 | 500.7 |
| 57.5° | 288.3 | 297.4 | 308.4 | 322.2 | 337.1 | 355.3 | 375.9 | 398.0 | 415.6 | 431.2 | 442.2 |
| 60° | 265.2 | 273.1 | 283.3 | 295.1 | 311.2 | 327.9 | 346.5 | 367.0 | 380.8 | 394.0 | 404.3 |
| 62.5° | 241.8 | 249.2 | 259.1 | 269.7 | 283.9 | 299.4 | 317.2 | 333.8 | 347.1 | 356.0 | 367.9 |
| 65° | 206.5 | 213.9 | 222.2 | 233.5 | 244.7 | 257.4 | 273.6 | 285.8 | 295.1 | 304.9 | 312.3 |
| 67.5° | 173.7 | 179.8 | 187.8 | 196.5 | 206.0 | 218.3 | 230.8 | 241.0 | 247.3 | 253.3 | 262.0 |
| 70° | 152.2 | 157.1 | 163.4 | 170.3 | 180.6 | 192.8 | 202.6 | 210.5 | 214.9 | 220.7 | 231.5 |
| 72.5° | 130.3 | 135.9 | 141.9 | 148.8 | 157.1 | 167.4 | 176.0 | 183.8 | 186.6 | 191.3 | 198.2 |
| 75° | 102.7 | 105.8 | 110.7 | 115.5 | 121.4 | 130.2 | 138.5 | 140.4 | 142.9 | 146.8 | 151.7 |
| 77.5° | 77.8 | 80.4 | 82.3 | 85.6 | 90.2 | 97.3 | 101.7 | 104.6 | 105.2 | 106.7 | 111.5 |
| 80° | 61.6 | 63.2 | 65.1 | 67.6 | 69.5 | 75.4 | 77.9 | 80.8 | 81.7 | 83.2 | 85.7 |
| 82.5° | 45.2 | 46.7 | 47.9 | 50.0 | 53.1 | 55.4 | 57.9 | 60.8 | 61.0 | 62.0 | 62.6 |
| 85° | 26.4 | 27.0 | 25.9 | 27.0 | 27.4 | 28.4 | 30.8 | 33.3 | 32.8 | 32.3 | 33.7 |
| 87.5° | 13.6 | 13.3 | 12.5 | 13.3 | 12.2 | 12.2 | 11.8 | 11.7 | 12.1 | 12.4 | 12.8 |
| 90° | 20.9 | 19.6 | 17.6 | 15.7 | 13.9 | 12.0 | 9.9 | 7.7 | 5.6 | 3.4 | 1.2 |
| 92.5° | 48.7 | 46.9 | 44.6 | 42.3 | 40.0 | 37.6 | 35.6 | 34.1 | 32.6 | 31.1 | 29.6 |
| 95° | 96.0 | 94.2 | 91.4 | 88.7 | 86.0 | 83.3 | 81.6 | 81.1 | 80.6 | 80.0 | 79.5 |
| 97.5° | 151.7 | 149.9 | 146.2 | 142.4 | 138.6 | 134.9 | 132.9 | 132.7 | 132.5 | 132.2 | 132.1 |
| 100° | 189.5 | 187.1 | 183.5 | 180.0 | 176.4 | 173.0 | 171.2 | 171.2 | 171.2 | 171.2 | 171.2 |
| 102.5° | 228.8 | 226.2 | 224.4 | 222.6 | 220.8 | 219.0 | 217.5 | 216.5 | 215.4 | 214.3 | 213.2 |
| 105° | 293.9 | 292.2 | 290.6 | 289.0 | 287.3 | 285.7 | 284.2 | 282.9 | 281.4 | 280.1 | 278.8 |
| 107.5° | 363.7 | 362.9 | 361.7 | 360.3 | 359.1 | 357.9 | 356.6 | 355.2 | 353.8 | 352.5 | 351.1 |
| 110° | 411.6 | 410.8 | 410.0 | 409.2 | 408.4 | 407.6 | 406.4 | 405.1 | 403.8 | 402.4 | 401.1 |



TEST NUMBER: P333693-830

CATALOG NUMBER: S125RDIW-S850D1340U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 460.1 | 459.7 | 458.6 | 457.6 | 456.6 | 455.6 | 454.7 | 454.0 | 453.3 | 452.6 | 451.9 |
| 115° | 534.0 | 534.3 | 533.8 | 533.2 | 532.6 | 532.2 | 531.3 | 530.2 | 529.1 | 528.0 | 527.0 |
| 117.5° | 606.9 | 606.7 | 606.1 | 605.7 | 605.2 | 604.7 | 604.3 | 603.7 | 603.2 | 602.8 | 602.3 |
| 120° | 656.6 | 656.6 | 656.3 | 656.0 | 655.7 | 655.4 | 654.7 | 653.3 | 652.0 | 650.5 | 649.2 |
| 122.5° | 705.2 | 705.5 | 704.7 | 704.1 | 703.3 | 702.7 | 702.0 | 701.5 | 701.1 | 700.6 | 700.1 |
| 125° | 777.0 | 777.6 | 777.3 | 777.0 | 776.7 | 776.5 | 775.5 | 773.9 | 772.3 | 770.6 | 769.0 |
| 127.5° | 847.7 | 848.0 | 847.7 | 847.3 | 847.1 | 846.7 | 846.1 | 845.2 | 844.2 | 843.3 | 842.4 |
| 130° | 894.7 | 894.9 | 894.4 | 893.9 | 893.3 | 892.8 | 891.8 | 890.5 | 889.1 | 887.8 | 886.4 |
| 132.5° | 939.7 | 940.0 | 940.1 | 940.2 | 940.3 | 940.4 | 939.3 | 937.1 | 934.9 | 932.6 | 930.4 |
| 135° | 1008.7 | 1008.7 | 1008.4 | 1008.1 | 1007.9 | 1007.6 | 1006.6 | 1005.0 | 1003.3 | 1001.7 | 1000.1 |
| 137.5° | 1075.7 | 1075.4 | 1074.9 | 1074.2 | 1073.7 | 1073.0 | 1072.0 | 1070.4 | 1068.8 | 1067.2 | 1065.6 |
| 140° | 1118.0 | 1117.5 | 1116.6 | 1115.9 | 1115.0 | 1114.2 | 1113.1 | 1111.8 | 1110.4 | 1109.1 | 1107.7 |
| 142.5° | 1159.9 | 1159.5 | 1158.5 | 1157.4 | 1156.4 | 1155.4 | 1154.3 | 1153.2 | 1152.1 | 1150.9 | 1149.8 |
| 145° | 1220.2 | 1220.2 | 1219.4 | 1218.5 | 1217.8 | 1216.9 | 1216.0 | 1214.8 | 1213.8 | 1212.7 | 1211.6 |
| 147.5° | 1275.2 | 1274.5 | 1273.8 | 1273.2 | 1272.5 | 1271.9 | 1271.2 | 1270.6 | 1270.1 | 1269.4 | 1268.9 |
| 150° | 1310.7 | 1310.7 | 1309.6 | 1308.5 | 1307.4 | 1306.3 | 1305.9 | 1306.2 | 1306.5 | 1306.7 | 1307.0 |
| 152.5° | 1342.7 | 1342.0 | 1341.5 | 1341.0 | 1340.7 | 1340.2 | 1339.8 | 1339.4 | 1339.1 | 1338.7 | 1338.3 |
| 155° | 1388.7 | 1387.7 | 1387.4 | 1387.1 | 1386.9 | 1386.6 | 1386.5 | 1386.5 | 1386.5 | 1386.5 | 1386.5 |
| 157.5° | 1429.1 | 1428.0 | 1427.8 | 1427.5 | 1427.2 | 1426.9 | 1427.1 | 1427.7 | 1428.3 | 1428.9 | 1429.5 |
| 160° | 1453.6 | 1452.5 | 1452.2 | 1452.0 | 1451.7 | 1451.4 | 1451.7 | 1452.5 | 1453.3 | 1454.2 | 1454.9 |
| 162.5° | 1476.3 | 1475.0 | 1474.9 | 1474.9 | 1474.8 | 1474.8 | 1475.1 | 1475.6 | 1476.2 | 1476.9 | 1477.4 |
| 165° | 1507.4 | 1506.3 | 1506.0 | 1505.7 | 1505.4 | 1505.2 | 1505.3 | 1505.9 | 1506.4 | 1506.9 | 1507.5 |
| 167.5° | 1529.7 | 1528.0 | 1528.0 | 1528.0 | 1528.0 | 1528.0 | 1528.6 | 1529.7 | 1530.8 | 1531.8 | 1533.0 |
| 170° | 1543.4 | 1541.7 | 1541.7 | 1541.7 | 1541.7 | 1541.7 | 1542.3 | 1543.4 | 1544.5 | 1545.6 | 1546.6 |
| 172.5° | 1553.1 | 1551.5 | 1551.5 | 1551.5 | 1551.5 | 1551.5 | 1552.1 | 1553.1 | 1554.3 | 1555.3 | 1556.4 |
| 175° | 1564.1 | 1562.5 | 1562.5 | 1562.5 | 1562.5 | 1562.5 | 1563.1 | 1564.1 | 1565.3 | 1566.3 | 1567.4 |
| 177.5° | 1569.4 | 1568.1 | 1568.4 | 1568.6 | 1568.8 | 1569.1 | 1569.5 | 1570.5 | 1571.3 | 1572.2 | 1573.0 |
| 180° | 1571.1 | 1571.1 | 1571.1 | 1571.1 | 1571.1 | 1571.1 | 1571.1 | 1571.1 | 1571.1 | 1571.1 | 1571.1 |



TEST NUMBER: P333693-830

CATALOG NUMBER: S125RDIW-S850D1340U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1192.2 | 1192.2 | 1192.2 | 1192.2 | 1192.2 | 1192.2 | 1192.2 | 1192.2 | 1192.2 | 1192.2 | 1192.2 |
| 2.5° | 1198.1 | 1201.6 | 1206.7 | 1212.6 | 1217.3 | 1222.4 | 1225.1 | 1225.1 | 1227.5 | 1232.6 | 1239.2 |
| 5° | 1201.6 | 1214.3 | 1226.4 | 1242.2 | 1254.3 | 1268.6 | 1279.3 | 1289.6 | 1298.9 | 1310.6 | 1322.9 |
| 7.5° | 1200.5 | 1221.6 | 1243.7 | 1268.4 | 1295.6 | 1317.2 | 1339.4 | 1356.9 | 1374.0 | 1396.6 | 1414.3 |
| 10° | 1196.7 | 1224.0 | 1253.9 | 1285.2 | 1319.5 | 1349.3 | 1376.2 | 1400.7 | 1424.2 | 1448.7 | 1470.6 |
| 12.5° | 1189.6 | 1224.5 | 1260.9 | 1298.5 | 1341.8 | 1375.9 | 1410.7 | 1436.7 | 1464.1 | 1490.9 | 1518.1 |
| 15° | 1179.0 | 1220.1 | 1264.1 | 1316.5 | 1369.4 | 1407.6 | 1441.8 | 1475.6 | 1501.0 | 1531.3 | 1557.4 |
| 17.5° | 1157.2 | 1210.1 | 1265.6 | 1322.8 | 1373.6 | 1418.0 | 1453.9 | 1485.9 | 1513.1 | 1546.4 | 1581.7 |
| 20° | 1144.2 | 1201.6 | 1259.2 | 1320.4 | 1368.9 | 1414.4 | 1449.2 | 1482.4 | 1516.2 | 1559.7 | 1602.8 |
| 22.5° | 1126.2 | 1187.4 | 1248.7 | 1306.7 | 1357.9 | 1401.8 | 1437.8 | 1478.6 | 1522.9 | 1572.3 | 1624.4 |
| 25° | 1097.8 | 1160.9 | 1221.5 | 1276.9 | 1326.8 | 1371.9 | 1420.8 | 1475.6 | 1529.5 | 1594.5 | 1669.4 |
| 27.5° | 1061.7 | 1122.5 | 1176.7 | 1235.1 | 1284.7 | 1342.0 | 1403.1 | 1462.4 | 1540.1 | 1629.7 | 1723.2 |
| 30° | 1034.6 | 1092.4 | 1143.8 | 1199.1 | 1255.4 | 1318.5 | 1387.0 | 1457.0 | 1549.4 | 1654.7 | 1765.9 |
| 32.5° | 1003.3 | 1055.6 | 1106.5 | 1159.9 | 1224.8 | 1294.2 | 1367.1 | 1452.6 | 1563.2 | 1682.9 | 1797.9 |
| 35° | 949.0 | 996.0 | 1045.4 | 1104.6 | 1173.7 | 1249.0 | 1342.0 | 1446.2 | 1579.8 | 1708.5 | 1811.8 |
| 37.5° | 892.0 | 929.1 | 978.7 | 1041.2 | 1116.3 | 1203.5 | 1309.1 | 1435.8 | 1573.0 | 1688.5 | 1732.4 |
| 40° | 848.2 | 882.9 | 935.3 | 1000.9 | 1075.3 | 1170.6 | 1289.1 | 1419.3 | 1557.4 | 1637.6 | 1634.2 |
| 42.5° | 804.6 | 839.8 | 890.2 | 956.2 | 1033.8 | 1140.6 | 1262.5 | 1397.8 | 1514.3 | 1544.8 | 1481.1 |
| 45° | 738.0 | 770.8 | 820.3 | 886.8 | 970.1 | 1082.1 | 1210.3 | 1340.0 | 1414.4 | 1365.0 | 1238.7 |
| 47.5° | 670.1 | 701.9 | 747.8 | 813.0 | 903.8 | 1021.2 | 1142.4 | 1248.8 | 1259.2 | 1153.1 | 1001.6 |
| 50° | 625.5 | 655.3 | 698.9 | 768.4 | 856.5 | 971.0 | 1088.0 | 1171.7 | 1145.8 | 1016.1 | 859.9 |
| 52.5° | 582.0 | 610.7 | 651.5 | 717.1 | 807.1 | 919.4 | 1023.8 | 1089.4 | 1029.4 | 891.6 | 751.0 |
| 55° | 517.8 | 545.2 | 586.4 | 646.5 | 728.2 | 831.0 | 922.6 | 946.5 | 858.5 | 719.4 | 605.9 |
| 57.5° | 456.9 | 476.9 | 517.6 | 570.7 | 649.5 | 740.2 | 805.8 | 801.4 | 704.3 | 579.1 | 497.7 |
| 60° | 416.5 | 434.6 | 473.3 | 522.2 | 597.1 | 678.3 | 724.3 | 704.7 | 606.3 | 503.1 | 424.8 |
| 62.5° | 378.9 | 395.9 | 428.2 | 473.3 | 537.5 | 608.2 | 641.7 | 614.7 | 521.8 | 431.1 | 368.8 |
| 65° | 322.1 | 334.2 | 360.2 | 401.8 | 452.2 | 501.1 | 531.0 | 491.3 | 409.2 | 340.6 | 293.6 |
| 67.5° | 268.9 | 279.5 | 302.6 | 332.4 | 367.1 | 401.0 | 413.0 | 375.9 | 312.0 | 265.8 | 232.7 |
| 70° | 234.4 | 244.2 | 259.9 | 287.8 | 310.8 | 334.8 | 340.6 | 307.4 | 254.0 | 218.8 | 198.2 |
| 72.5° | 201.5 | 210.6 | 224.2 | 243.9 | 259.9 | 273.7 | 276.4 | 245.5 | 204.6 | 180.4 | 164.6 |
| 75° | 153.6 | 161.6 | 170.3 | 177.7 | 187.9 | 190.4 | 189.4 | 165.4 | 143.4 | 127.2 | 118.5 |
| 77.5° | 112.9 | 116.2 | 121.6 | 124.5 | 125.0 | 124.8 | 119.8 | 104.6 | 93.3 | 86.6 | 83.0 |
| 80° | 87.1 | 89.5 | 91.0 | 92.0 | 92.5 | 87.6 | 82.2 | 73.0 | 69.0 | 65.1 | 60.7 |
| 82.5° | 63.2 | 64.9 | 66.4 | 66.5 | 63.9 | 59.9 | 54.9 | 50.2 | 47.5 | 45.5 | 43.8 |
| 85° | 34.2 | 34.8 | 34.2 | 31.9 | 28.4 | 27.0 | 25.9 | 25.0 | 24.5 | 23.9 | 23.9 |
| 87.5° | 12.8 | 12.1 | 10.6 | 11.4 | 11.8 | 11.8 | 12.2 | 12.2 | 12.2 | 12.4 | 12.7 |
| 90° | 3.4 | 5.6 | 7.7 | 9.9 | 12.0 | 13.9 | 15.7 | 17.6 | 19.6 | 20.9 | 22.2 |
| 92.5° | 31.1 | 32.6 | 34.1 | 35.6 | 37.6 | 40.0 | 42.3 | 44.6 | 46.9 | 48.7 | 50.5 |
| 95° | 80.0 | 80.6 | 81.1 | 81.6 | 83.3 | 86.0 | 88.7 | 91.4 | 94.2 | 96.0 | 97.9 |
| 97.5° | 132.2 | 132.5 | 132.7 | 132.9 | 134.9 | 138.6 | 142.4 | 146.2 | 149.9 | 151.7 | 153.4 |
| 100° | 171.2 | 171.2 | 171.2 | 171.2 | 173.0 | 176.4 | 180.0 | 183.5 | 187.1 | 189.5 | 192.0 |
| 102.5° | 214.3 | 215.4 | 216.5 | 217.5 | 219.0 | 220.8 | 222.6 | 224.4 | 226.2 | 228.8 | 231.5 |
| 105° | 280.1 | 281.4 | 282.9 | 284.2 | 285.7 | 287.3 | 289.0 | 290.6 | 292.2 | 293.9 | 295.5 |
| 107.5° | 352.5 | 353.8 | 355.2 | 356.6 | 357.9 | 359.1 | 360.3 | 361.7 | 362.9 | 363.7 | 364.5 |
| 110° | 402.4 | 403.8 | 405.1 | 406.4 | 407.6 | 408.4 | 409.2 | 410.0 | 410.8 | 411.6 | 412.5 |



TEST NUMBER: P333693-830

CATALOG NUMBER: S125RDIW-S850D1340U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 452.6 | 453.3 | 454.0 | 454.7 | 455.6 | 456.6 | 457.6 | 458.6 | 459.7 | 460.1 | 460.4 |
| 115° | 528.0 | 529.1 | 530.2 | 531.3 | 532.2 | 532.6 | 533.2 | 533.8 | 534.3 | 534.0 | 533.8 |
| 117.5° | 602.8 | 603.2 | 603.7 | 604.3 | 604.7 | 605.2 | 605.7 | 606.1 | 606.7 | 606.9 | 607.1 |
| 120° | 650.5 | 652.0 | 653.3 | 654.7 | 655.4 | 655.7 | 656.0 | 656.3 | 656.6 | 656.6 | 656.6 |
| 122.5° | 700.6 | 701.1 | 701.5 | 702.0 | 702.7 | 703.3 | 704.1 | 704.7 | 705.5 | 705.2 | 705.0 |
| 125° | 770.6 | 772.3 | 773.9 | 775.5 | 776.5 | 776.7 | 777.0 | 777.3 | 777.6 | 777.0 | 776.5 |
| 127.5° | 843.3 | 844.2 | 845.2 | 846.1 | 846.7 | 847.1 | 847.3 | 847.7 | 848.0 | 847.7 | 847.4 |
| 130° | 887.8 | 889.1 | 890.5 | 891.8 | 892.8 | 893.3 | 893.9 | 894.4 | 894.9 | 894.7 | 894.4 |
| 132.5° | 932.6 | 934.9 | 937.1 | 939.3 | 940.4 | 940.3 | 940.2 | 940.1 | 940.0 | 939.7 | 939.4 |
| 135° | 1001.7 | 1003.3 | 1005.0 | 1006.6 | 1007.6 | 1007.9 | 1008.1 | 1008.4 | 1008.7 | 1008.7 | 1008.7 |
| 137.5° | 1067.2 | 1068.8 | 1070.4 | 1072.0 | 1073.0 | 1073.7 | 1074.2 | 1074.9 | 1075.4 | 1075.7 | 1076.1 |
| 140° | 1109.1 | 1110.4 | 1111.8 | 1113.1 | 1114.2 | 1115.0 | 1115.9 | 1116.6 | 1117.5 | 1118.0 | 1118.6 |
| 142.5° | 1150.9 | 1152.1 | 1153.2 | 1154.3 | 1155.4 | 1156.4 | 1157.4 | 1158.5 | 1159.5 | 1159.9 | 1160.2 |
| 145° | 1212.7 | 1213.8 | 1214.8 | 1216.0 | 1216.9 | 1217.8 | 1218.5 | 1219.4 | 1220.2 | 1220.2 | 1220.2 |
| 147.5° | 1269.4 | 1270.1 | 1270.6 | 1271.2 | 1271.9 | 1272.5 | 1273.2 | 1273.8 | 1274.5 | 1275.2 | 1275.7 |
| 150° | 1306.7 | 1306.5 | 1306.2 | 1305.9 | 1306.3 | 1307.4 | 1308.5 | 1309.6 | 1310.7 | 1310.7 | 1310.7 |
| 152.5° | 1338.7 | 1339.1 | 1339.4 | 1339.8 | 1340.2 | 1340.7 | 1341.0 | 1341.5 | 1342.0 | 1342.7 | 1343.2 |
| 155° | 1386.5 | 1386.5 | 1386.5 | 1386.5 | 1386.6 | 1386.9 | 1387.1 | 1387.4 | 1387.7 | 1388.7 | 1389.9 |
| 157.5° | 1428.9 | 1428.3 | 1427.7 | 1427.1 | 1426.9 | 1427.2 | 1427.5 | 1427.8 | 1428.0 | 1429.1 | 1430.2 |
| 160° | 1454.2 | 1453.3 | 1452.5 | 1451.7 | 1451.4 | 1451.7 | 1452.0 | 1452.2 | 1452.5 | 1453.6 | 1454.6 |
| 162.5° | 1476.9 | 1476.2 | 1475.6 | 1475.1 | 1474.8 | 1474.8 | 1474.9 | 1474.9 | 1475.0 | 1476.3 | 1477.6 |
| 165° | 1506.9 | 1506.4 | 1505.9 | 1505.3 | 1505.2 | 1505.4 | 1505.7 | 1506.0 | 1506.3 | 1507.4 | 1508.4 |
| 167.5° | 1531.8 | 1530.8 | 1529.7 | 1528.6 | 1528.0 | 1528.0 | 1528.0 | 1528.0 | 1528.0 | 1529.7 | 1531.3 |
| 170° | 1545.6 | 1544.5 | 1543.4 | 1542.3 | 1541.7 | 1541.7 | 1541.7 | 1541.7 | 1541.7 | 1543.4 | 1545.0 |
| 172.5° | 1555.3 | 1554.3 | 1553.1 | 1552.1 | 1551.5 | 1551.5 | 1551.5 | 1551.5 | 1551.5 | 1553.1 | 1554.8 |
| 175° | 1566.3 | 1565.3 | 1564.1 | 1563.1 | 1562.5 | 1562.5 | 1562.5 | 1562.5 | 1562.5 | 1564.1 | 1565.8 |
| 177.5° | 1572.2 | 1571.3 | 1570.5 | 1569.5 | 1569.1 | 1568.8 | 1568.6 | 1568.4 | 1568.1 | 1569.4 | 1570.7 |
| 180° | 1571.1 | 1571.1 | 1571.1 | 1571.1 | 1571.1 | 1571.1 | 1571.1 | 1571.1 | 1571.1 | 1571.1 | 1571.1 |



TEST NUMBER: P333693-830

CATALOG NUMBER: S125RDIW-S850D1340U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1192.2 | 1192.2 | 1192.2 | 1192.2 | 1192.2 | 1192.2 | 1192.2 |
| 2.5° | 1244.3 | 1244.3 | 1250.9 | 1250.6 | 1254.9 | 1253.3 | 1254.1 |
| 5° | 1337.6 | 1345.9 | 1353.2 | 1358.1 | 1365.5 | 1367.4 | 1366.4 |
| 7.5° | 1434.3 | 1452.7 | 1461.8 | 1474.1 | 1476.4 | 1482.8 | 1482.1 |
| 10° | 1494.2 | 1512.3 | 1526.0 | 1536.7 | 1542.2 | 1549.0 | 1549.4 |
| 12.5° | 1541.2 | 1556.5 | 1568.7 | 1578.7 | 1585.2 | 1587.3 | 1588.7 |
| 15° | 1577.9 | 1595.0 | 1609.2 | 1623.3 | 1631.7 | 1638.0 | 1641.5 |
| 17.5° | 1614.9 | 1641.3 | 1666.3 | 1685.6 | 1697.2 | 1706.9 | 1706.9 |
| 20° | 1643.4 | 1673.8 | 1705.2 | 1727.1 | 1749.6 | 1759.4 | 1761.0 |
| 22.5° | 1674.0 | 1720.4 | 1760.8 | 1794.9 | 1824.5 | 1834.7 | 1838.4 |
| 25° | 1737.4 | 1798.1 | 1860.3 | 1908.3 | 1942.5 | 1962.6 | 1965.5 |
| 27.5° | 1814.0 | 1896.2 | 1961.6 | 2005.8 | 2034.3 | 2049.2 | 2052.4 |
| 30° | 1868.1 | 1944.0 | 2002.7 | 2036.0 | 2049.2 | 2051.2 | 2043.8 |
| 32.5° | 1892.3 | 1949.1 | 1972.6 | 1970.6 | 1944.7 | 1927.4 | 1920.8 |
| 35° | 1862.7 | 1851.0 | 1793.7 | 1725.2 | 1672.8 | 1639.6 | 1630.7 |
| 37.5° | 1695.2 | 1593.8 | 1488.5 | 1385.0 | 1329.8 | 1301.8 | 1253.7 |
| 40° | 1529.9 | 1385.5 | 1275.9 | 1188.8 | 1126.6 | 1076.7 | 1065.0 |
| 42.5° | 1343.5 | 1194.5 | 1084.9 | 1010.2 | 960.6 | 926.3 | 911.4 |
| 45° | 1079.7 | 951.4 | 860.9 | 803.6 | 765.4 | 740.5 | 729.2 |
| 47.5° | 863.6 | 764.3 | 698.3 | 655.9 | 626.9 | 605.1 | 599.1 |
| 50° | 744.9 | 665.6 | 609.8 | 574.1 | 552.0 | 535.5 | 528.6 |
| 52.5° | 647.0 | 583.0 | 540.1 | 510.7 | 489.8 | 479.5 | 473.7 |
| 55° | 534.0 | 478.6 | 447.8 | 424.3 | 412.6 | 404.3 | 400.3 |
| 57.5° | 436.7 | 396.7 | 374.2 | 358.0 | 347.1 | 341.8 | 339.9 |
| 60° | 382.2 | 350.9 | 330.4 | 317.6 | 310.3 | 303.4 | 301.5 |
| 62.5° | 334.0 | 309.4 | 293.5 | 282.4 | 275.0 | 272.1 | 271.0 |
| 65° | 269.2 | 253.1 | 241.3 | 234.4 | 228.6 | 227.6 | 227.1 |
| 67.5° | 214.0 | 204.4 | 198.3 | 191.1 | 189.1 | 185.7 | 185.0 |
| 70° | 183.0 | 176.6 | 169.4 | 166.9 | 164.5 | 161.0 | 161.6 |
| 72.5° | 155.2 | 148.9 | 143.9 | 140.6 | 139.8 | 138.3 | 139.6 |
| 75° | 113.6 | 111.6 | 109.6 | 107.2 | 106.2 | 106.2 | 105.8 |
| 77.5° | 81.1 | 79.4 | 77.2 | 75.8 | 75.5 | 73.4 | 74.2 |
| 80° | 58.7 | 56.3 | 55.3 | 55.8 | 54.3 | 53.8 | 53.8 |
| 82.5° | 43.5 | 42.6 | 41.6 | 41.7 | 41.4 | 40.9 | 41.3 |
| 85° | 23.9 | 23.5 | 23.5 | 23.0 | 23.0 | 22.5 | 22.5 |
| 87.5° | 13.4 | 14.0 | 13.5 | 13.2 | 13.4 | 13.9 | 14.5 |
| 90° | 23.7 | 25.0 | 26.1 | 26.9 | 27.7 | 28.6 | 29.3 |
| 92.5° | 52.3 | 54.1 | 55.3 | 55.9 | 56.6 | 57.1 | 57.7 |
| 95° | 99.8 | 101.8 | 102.9 | 103.5 | 104.1 | 104.6 | 105.2 |
| 97.5° | 155.2 | 157.0 | 158.2 | 158.4 | 158.8 | 159.1 | 159.5 |
| 100° | 194.4 | 196.8 | 198.3 | 198.9 | 199.4 | 200.0 | 200.5 |
| 102.5° | 234.1 | 236.9 | 238.6 | 239.3 | 240.1 | 240.8 | 241.6 |
| 105° | 297.1 | 298.7 | 299.9 | 300.8 | 301.6 | 302.4 | 303.2 |
| 107.5° | 365.3 | 366.2 | 366.6 | 366.5 | 366.4 | 366.4 | 366.3 |
| 110° | 413.2 | 414.1 | 414.3 | 414.1 | 413.8 | 413.5 | 413.2 |



TEST NUMBER: P333693-830

CATALOG NUMBER: S125RDIW-S850D1340U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 460.8 | 461.2 | 461.2 | 460.7 | 460.2 | 459.7 | 459.2 |
| 115° | 533.5 | 533.2 | 532.9 | 532.6 | 532.3 | 532.2 | 531.9 |
| 117.5° | 607.3 | 607.6 | 607.1 | 606.1 | 604.9 | 603.9 | 602.8 |
| 120° | 656.6 | 656.6 | 656.0 | 654.9 | 653.8 | 652.7 | 651.7 |
| 122.5° | 704.8 | 704.6 | 704.1 | 703.1 | 702.3 | 701.4 | 700.6 |
| 125° | 776.0 | 775.4 | 775.1 | 774.8 | 774.5 | 774.2 | 773.9 |
| 127.5° | 847.2 | 847.0 | 846.5 | 846.0 | 845.5 | 844.9 | 844.3 |
| 130° | 894.2 | 893.9 | 893.4 | 893.0 | 892.4 | 891.8 | 891.3 |
| 132.5° | 939.1 | 938.9 | 938.4 | 937.6 | 936.8 | 936.0 | 935.3 |
| 135° | 1008.7 | 1008.7 | 1008.1 | 1007.0 | 1006.0 | 1004.8 | 1003.8 |
| 137.5° | 1076.4 | 1076.8 | 1076.2 | 1074.9 | 1073.5 | 1072.1 | 1070.8 |
| 140° | 1119.1 | 1119.6 | 1119.3 | 1117.9 | 1116.5 | 1115.2 | 1113.8 |
| 142.5° | 1160.6 | 1160.8 | 1160.4 | 1159.0 | 1157.6 | 1156.2 | 1154.9 |
| 145° | 1220.2 | 1220.2 | 1219.7 | 1219.0 | 1218.1 | 1217.3 | 1216.5 |
| 147.5° | 1276.4 | 1277.1 | 1276.5 | 1274.6 | 1272.8 | 1270.9 | 1269.1 |
| 150° | 1310.7 | 1310.7 | 1310.4 | 1309.9 | 1309.3 | 1308.7 | 1308.2 |
| 152.5° | 1343.9 | 1344.5 | 1344.4 | 1343.4 | 1342.5 | 1341.4 | 1340.5 |
| 155° | 1390.9 | 1392.0 | 1391.9 | 1390.5 | 1389.2 | 1387.8 | 1386.5 |
| 157.5° | 1431.3 | 1432.4 | 1432.0 | 1430.2 | 1428.4 | 1426.6 | 1424.8 |
| 160° | 1455.8 | 1456.8 | 1456.7 | 1455.4 | 1454.0 | 1452.6 | 1451.2 |
| 162.5° | 1478.8 | 1480.2 | 1480.1 | 1478.5 | 1476.9 | 1475.4 | 1473.8 |
| 165° | 1509.6 | 1510.6 | 1510.3 | 1508.7 | 1507.1 | 1505.4 | 1503.8 |
| 167.5° | 1533.0 | 1534.6 | 1534.6 | 1532.9 | 1531.2 | 1529.5 | 1527.8 |
| 170° | 1546.6 | 1548.2 | 1548.1 | 1546.2 | 1544.4 | 1542.4 | 1540.5 |
| 172.5° | 1556.4 | 1558.0 | 1558.0 | 1556.3 | 1554.6 | 1552.9 | 1551.2 |
| 175° | 1567.4 | 1569.1 | 1568.9 | 1567.0 | 1565.1 | 1563.2 | 1561.3 |
| 177.5° | 1572.1 | 1573.4 | 1573.3 | 1571.7 | 1570.2 | 1568.7 | 1567.2 |
| 180° | 1571.1 | 1571.1 | 1571.1 | 1571.1 | 1571.1 | 1571.1 | 1571.1 |

(END OF REPORT)