

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: P333689-840

Luminaire Tested: **S125RDIW-S850D1050U840-4F0-1E-UDD-A1**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P333689-840
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-S850D1050U840-4F0-1E-UDD-A1
Description: DEFINE 5 DIRECT-INDIRECT WALL MOUNT LED LUMINAIRE
DOWNLIGHT 850 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING
UPLIGHT 1050 LUMENS PER FOOT, FLUSH SATIN WHITE DIFFUSER
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6981.4 lumens
Efficiency: N/A
Efficacy: 132.7 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

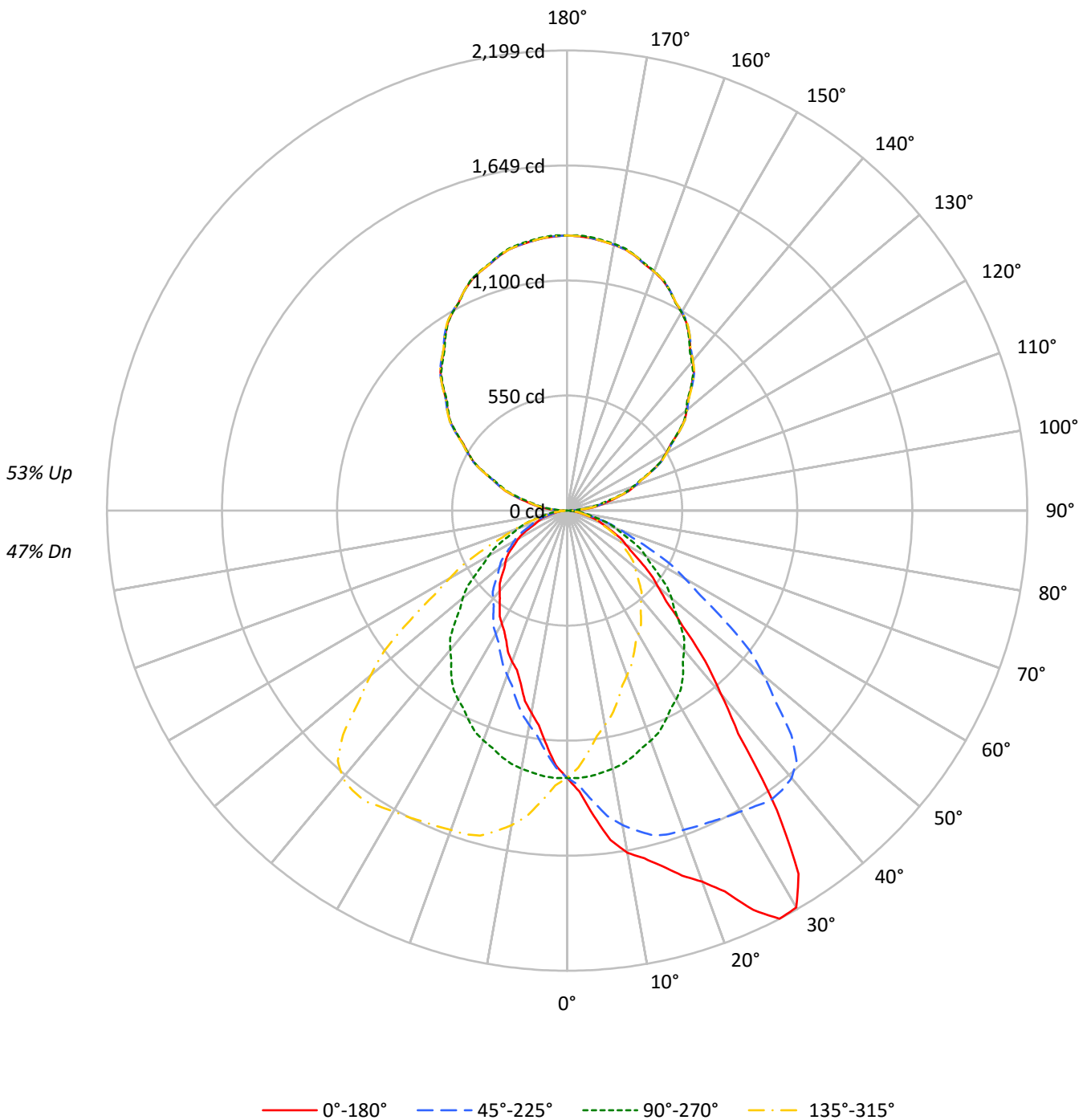
Input Watts (W): 52.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P333689-840

CATALOG NUMBER: S125RDIW-S850D1050U840-4F0-1E-UDD-A1

Luminous Intensity Polar Plot





TEST NUMBER: P333689-840

CATALOG NUMBER: S125RDIW-S850D1050U840-4F0-1E-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 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0 | | | | | | | | | | | | | | | | | | | |
| RCR | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0 | 107 | 107 | 107 | 107 | 98 | 98 | 98 | 98 | 82 | 82 | 82 | 67 | 67 | 67 | 54 | 54 | 54 | 47 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 98 | 93 | 90 | 86 | 90 | 86 | 83 | 80 | 72 | 70 | 68 | 60 | 58 | 57 | 48 | 47 | 46 | 41 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 89 | 82 | 76 | 71 | 82 | 76 | 71 | 66 | 64 | 60 | 57 | 53 | 50 | 48 | 43 | 41 | 39 | 35 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 82 | 72 | 65 | 60 | 75 | 67 | 61 | 56 | 57 | 52 | 48 | 47 | 44 | 41 | 38 | 36 | 34 | 30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | 75 | 64 | 57 | 51 | 69 | 59 | 53 | 48 | 50 | 45 | 41 | 42 | 38 | 35 | 34 | 32 | 30 | 26 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | 69 | 57 | 49 | 44 | 63 | 53 | 46 | 41 | 45 | 40 | 36 | 38 | 34 | 31 | 31 | 28 | 26 | 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | 63 | 51 | 44 | 38 | 58 | 48 | 41 | 36 | 41 | 35 | 31 | 34 | 30 | 27 | 28 | 25 | 23 | 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | 59 | 47 | 39 | 33 | 54 | 43 | 36 | 31 | 37 | 32 | 28 | 31 | 27 | 24 | 26 | 23 | 20 | 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | 54 | 42 | 35 | 29 | 50 | 39 | 33 | 28 | 34 | 28 | 25 | 29 | 24 | 21 | 24 | 21 | 18 | 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | 51 | 39 | 31 | 26 | 47 | 36 | 29 | 25 | 31 | 26 | 22 | 26 | 22 | 19 | 22 | 19 | 17 | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | 47 | 35 | 28 | 24 | 44 | 33 | 27 | 22 | 29 | 23 | 20 | 24 | 20 | 17 | 20 | 17 | 15 | 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|------|------|------|
| 0° | 8250 | 8250 | 8250 | 8250 |
| 5° | 9491 | 8261 | 7295 | 8261 |
| 10° | 10887 | 8218 | 6437 | 8218 |
| 15° | 11760 | 8134 | 5722 | 8134 |
| 20° | 12967 | 8036 | 5283 | 8036 |
| 25° | 15007 | 7906 | 4903 | 7906 |
| 30° | 16330 | 7770 | 4653 | 7770 |
| 35° | 13775 | 7611 | 4424 | 7611 |
| 40° | 9620 | 7325 | 4226 | 7325 |
| 45° | 7136 | 6940 | 4032 | 6940 |
| 50° | 5690 | 6539 | 3867 | 6539 |
| 55° | 4829 | 6040 | 3719 | 6040 |
| 60° | 4173 | 5594 | 3481 | 5594 |
| 65° | 3718 | 5113 | 2997 | 5113 |
| 70° | 3269 | 4683 | 2732 | 4683 |
| 75° | 2827 | 4057 | 2565 | 4057 |
| 80° | 2146 | 3414 | 2146 | 3414 |
| 85° | 1786 | 2682 | 2023 | 2682 |



TEST NUMBER: P333689-840

CATALOG NUMBER: S125RDIW-S850D1050U840-4F0-1E-UDD-A1

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 122.5 | 1.8 |
| 10°-20° | 359.0 | 5.1 |
| 20°-30° | 569.2 | 8.2 |
| 30°-40° | 686.4 | 9.8 |
| 40°-50° | 613.0 | 8.8 |
| 50°-60° | 470.0 | 6.7 |
| 60°-70° | 305.5 | 4.4 |
| 70°-80° | 148.5 | 2.1 |
| 80°-90° | 38.3 | 0.5 |
| 90°-100° | 88.1 | 1.3 |
| 100°-110° | 260.1 | 3.7 |
| 110°-120° | 440.5 | 6.3 |
| 120°-130° | 579.7 | 8.3 |
| 130°-140° | 649.6 | 9.3 |
| 140°-150° | 636.6 | 9.1 |
| 150°-160° | 534.7 | 7.7 |
| 160°-170° | 355.4 | 5.1 |
| 170°-180° | 124.4 | 1.8 |
| 0°-30° | 1050.6 | 15.0 |
| 0°-40° | 1737.0 | 24.9 |
| 0°-60° | 2820.0 | 40.4 |
| 0°-90° | 3312.3 | 47.4 |
| 90°-120° | 788.6 | 11.3 |
| 90°-150° | 2654.6 | 38.0 |
| 90°-180° | 3669.0 | 52.6 |
| 0°-180° | 6981.4 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 1277 | 1277 | 1277 | 1277 | 1277 | |
| 5° | 1464 | 1274 | 1125 | 1274 | 1464 | 146 |
| 15° | 1759 | 1217 | 856 | 1217 | 1759 | 504 |
| 25° | 2106 | 1110 | 688 | 1110 | 2106 | 967 |
| 35° | 1747 | 965 | 561 | 965 | 1747 | 1055 |
| 45° | 781 | 760 | 442 | 760 | 781 | 623 |
| 55° | 429 | 536 | 330 | 536 | 429 | 389 |
| 65° | 243 | 335 | 196 | 335 | 243 | 242 |
| 75° | 113 | 163 | 103 | 163 | 113 | 121 |
| 85° | 24 | 36 | 27 | 36 | 24 | 28 |
| 90° | 24 | 1 | 24 | 1 | 24 | 15 |
| 95° | 88 | 67 | 88 | 67 | 88 | 90 |
| 105° | 254 | 233 | 254 | 233 | 254 | 269 |
| 115° | 445 | 441 | 445 | 441 | 445 | 440 |
| 125° | 648 | 644 | 648 | 644 | 648 | 578 |
| 135° | 840 | 837 | 840 | 837 | 840 | 648 |
| 145° | 1018 | 1014 | 1018 | 1014 | 1018 | 636 |
| 155° | 1160 | 1160 | 1160 | 1160 | 1160 | 534 |
| 165° | 1259 | 1262 | 1259 | 1262 | 1259 | 355 |
| 175° | 1307 | 1312 | 1307 | 1312 | 1307 | 124 |
| 180° | 1315 | 1315 | 1315 | 1315 | 1315 | |



TEST NUMBER: P333689-840

CATALOG NUMBER: S125RDIW-S850D1050U840-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1277.4 | 1277.4 | 1277.4 | 1277.4 | 1277.4 | 1277.4 | 1277.4 | 1277.4 | 1277.4 | 1277.4 | 1277.4 |
| 2.5° | 1343.6 | 1342.8 | 1344.5 | 1339.9 | 1340.3 | 1333.1 | 1333.1 | 1327.7 | 1320.6 | 1315.1 | 1312.6 |
| 5° | 1464.0 | 1465.1 | 1463.0 | 1455.1 | 1449.9 | 1442.0 | 1433.1 | 1417.3 | 1404.2 | 1391.7 | 1381.7 |
| 7.5° | 1588.0 | 1588.7 | 1581.9 | 1579.4 | 1566.2 | 1556.5 | 1536.7 | 1515.3 | 1496.3 | 1472.2 | 1453.8 |
| 10° | 1660.1 | 1659.6 | 1652.3 | 1646.5 | 1635.0 | 1620.3 | 1600.9 | 1575.7 | 1552.2 | 1525.9 | 1500.8 |
| 12.5° | 1702.1 | 1700.7 | 1698.4 | 1691.4 | 1680.7 | 1667.7 | 1651.2 | 1626.5 | 1597.4 | 1568.7 | 1539.3 |
| 15° | 1758.8 | 1755.0 | 1748.3 | 1739.3 | 1724.1 | 1708.9 | 1690.6 | 1668.6 | 1640.7 | 1608.2 | 1580.9 |
| 17.5° | 1828.8 | 1828.9 | 1818.5 | 1806.0 | 1785.3 | 1758.6 | 1730.2 | 1694.7 | 1656.9 | 1621.1 | 1592.1 |
| 20° | 1886.7 | 1885.1 | 1874.6 | 1850.5 | 1826.9 | 1793.3 | 1760.8 | 1717.3 | 1671.1 | 1624.5 | 1588.3 |
| 22.5° | 1969.7 | 1965.7 | 1954.8 | 1923.1 | 1886.5 | 1843.3 | 1793.5 | 1740.4 | 1684.6 | 1631.6 | 1584.2 |
| 25° | 2105.9 | 2102.7 | 2081.2 | 2044.6 | 1993.2 | 1926.5 | 1861.5 | 1788.7 | 1708.4 | 1638.7 | 1580.9 |
| 27.5° | 2199.0 | 2195.5 | 2179.6 | 2149.1 | 2101.7 | 2031.6 | 1943.6 | 1846.2 | 1746.1 | 1650.1 | 1566.9 |
| 30° | 2189.8 | 2197.7 | 2195.5 | 2181.4 | 2145.8 | 2082.8 | 2001.6 | 1892.0 | 1772.9 | 1660.1 | 1561.0 |
| 32.5° | 2058.0 | 2065.1 | 2083.6 | 2111.3 | 2113.4 | 2088.3 | 2027.5 | 1926.3 | 1803.1 | 1674.9 | 1556.4 |
| 35° | 1747.2 | 1756.7 | 1792.3 | 1848.5 | 1921.8 | 1983.2 | 1995.8 | 1941.3 | 1830.6 | 1692.6 | 1549.5 |
| 37.5° | 1343.2 | 1394.8 | 1424.8 | 1483.9 | 1594.8 | 1707.7 | 1816.2 | 1856.1 | 1809.1 | 1685.4 | 1538.3 |
| 40° | 1141.0 | 1153.6 | 1207.1 | 1273.7 | 1367.1 | 1484.5 | 1639.2 | 1750.9 | 1754.5 | 1668.6 | 1520.7 |
| 42.5° | 976.5 | 992.5 | 1029.3 | 1082.4 | 1162.4 | 1279.8 | 1439.5 | 1586.9 | 1655.2 | 1622.4 | 1497.6 |
| 45° | 781.3 | 793.3 | 820.1 | 861.0 | 922.4 | 1019.4 | 1156.8 | 1327.2 | 1462.5 | 1515.4 | 1435.7 |
| 47.5° | 641.9 | 648.3 | 671.7 | 702.8 | 748.2 | 818.9 | 925.2 | 1073.2 | 1235.5 | 1349.2 | 1338.0 |
| 50° | 566.3 | 573.7 | 591.5 | 615.1 | 653.4 | 713.2 | 798.1 | 921.3 | 1088.6 | 1227.6 | 1255.4 |
| 52.5° | 507.6 | 513.7 | 524.8 | 547.1 | 578.7 | 624.6 | 693.2 | 804.7 | 955.2 | 1103.0 | 1167.2 |
| 55° | 428.9 | 433.1 | 442.0 | 454.6 | 479.8 | 512.8 | 572.1 | 649.1 | 770.8 | 919.8 | 1014.1 |
| 57.5° | 364.2 | 366.2 | 371.9 | 383.5 | 400.9 | 425.1 | 467.9 | 533.2 | 620.5 | 754.6 | 858.7 |
| 60° | 323.1 | 325.1 | 332.4 | 340.3 | 354.0 | 376.0 | 409.5 | 455.1 | 539.1 | 649.6 | 755.1 |
| 62.5° | 290.3 | 291.5 | 294.7 | 302.6 | 314.5 | 331.5 | 357.9 | 395.2 | 461.9 | 559.1 | 658.6 |
| 65° | 243.3 | 243.9 | 244.9 | 251.2 | 258.5 | 271.1 | 288.4 | 314.6 | 365.0 | 438.4 | 526.4 |
| 67.5° | 198.2 | 198.9 | 202.6 | 204.8 | 212.5 | 219.0 | 229.2 | 249.3 | 284.8 | 334.3 | 402.7 |
| 70° | 173.1 | 172.5 | 176.2 | 178.8 | 181.5 | 189.2 | 196.1 | 212.4 | 234.4 | 272.2 | 329.3 |
| 72.5° | 149.6 | 148.1 | 149.8 | 150.7 | 154.2 | 159.6 | 166.3 | 176.3 | 193.3 | 219.2 | 263.1 |
| 75° | 113.3 | 113.8 | 113.8 | 114.8 | 117.4 | 119.6 | 121.7 | 126.9 | 136.3 | 153.6 | 177.2 |
| 77.5° | 79.5 | 78.7 | 80.9 | 81.2 | 82.7 | 85.0 | 86.8 | 89.0 | 92.8 | 100.0 | 112.1 |
| 80° | 57.7 | 57.7 | 58.2 | 59.8 | 59.3 | 60.3 | 62.9 | 65.0 | 69.8 | 73.9 | 78.2 |
| 82.5° | 44.2 | 43.8 | 44.3 | 44.6 | 44.5 | 45.6 | 46.6 | 47.0 | 48.8 | 50.9 | 53.8 |
| 85° | 24.1 | 24.1 | 24.6 | 24.6 | 25.1 | 25.1 | 25.7 | 25.7 | 25.7 | 26.3 | 26.8 |
| 87.5° | 14.1 | 13.6 | 13.0 | 12.9 | 13.1 | 13.8 | 13.2 | 12.5 | 12.3 | 12.1 | 12.2 |
| 90° | 24.5 | 23.8 | 23.2 | 22.5 | 21.8 | 20.9 | 19.8 | 18.7 | 17.5 | 16.4 | 14.7 |
| 92.5° | 48.3 | 47.8 | 47.3 | 46.8 | 46.3 | 45.3 | 43.8 | 42.3 | 40.8 | 39.3 | 37.4 |
| 95° | 88.0 | 87.6 | 87.1 | 86.6 | 86.1 | 85.1 | 83.5 | 82.0 | 80.4 | 78.8 | 76.5 |
| 97.5° | 133.4 | 133.2 | 132.9 | 132.6 | 132.3 | 131.5 | 130.0 | 128.5 | 126.9 | 125.4 | 122.3 |
| 100° | 167.8 | 167.3 | 166.9 | 166.4 | 166.0 | 164.7 | 162.7 | 160.7 | 158.6 | 156.5 | 153.6 |
| 102.5° | 202.2 | 201.6 | 201.0 | 200.3 | 199.7 | 198.2 | 196.0 | 193.8 | 191.6 | 189.3 | 187.8 |
| 105° | 253.8 | 253.1 | 252.4 | 251.8 | 251.1 | 250.0 | 248.6 | 247.3 | 245.9 | 244.6 | 243.2 |
| 107.5° | 306.6 | 306.6 | 306.7 | 306.7 | 306.8 | 306.4 | 305.8 | 305.1 | 304.4 | 303.7 | 302.7 |
| 110° | 345.9 | 346.1 | 346.3 | 346.6 | 346.8 | 346.6 | 345.9 | 345.2 | 344.5 | 343.9 | 343.2 |



TEST NUMBER: P333689-840

CATALOG NUMBER: S125RDIW-S850D1050U840-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 384.4 | 384.8 | 385.2 | 385.6 | 386.0 | 386.0 | 385.7 | 385.4 | 385.1 | 384.8 | 383.8 |
| 115° | 445.1 | 445.4 | 445.6 | 445.8 | 446.1 | 446.3 | 446.5 | 446.7 | 447.0 | 447.2 | 446.7 |
| 117.5° | 504.4 | 505.3 | 506.2 | 507.2 | 508.1 | 508.5 | 508.3 | 508.1 | 508.0 | 507.8 | 507.4 |
| 120° | 545.4 | 546.3 | 547.2 | 548.2 | 549.1 | 549.5 | 549.5 | 549.5 | 549.5 | 549.5 | 549.3 |
| 122.5° | 586.3 | 587.0 | 587.7 | 588.5 | 589.3 | 589.7 | 589.9 | 590.1 | 590.3 | 590.5 | 589.9 |
| 125° | 647.7 | 647.9 | 648.1 | 648.4 | 648.6 | 648.9 | 649.4 | 649.8 | 650.4 | 650.8 | 650.6 |
| 127.5° | 706.7 | 707.1 | 707.6 | 708.0 | 708.5 | 708.8 | 709.0 | 709.2 | 709.5 | 709.7 | 709.4 |
| 130° | 746.0 | 746.4 | 746.9 | 747.3 | 747.8 | 748.1 | 748.3 | 748.6 | 748.8 | 749.0 | 748.6 |
| 132.5° | 782.7 | 783.5 | 784.1 | 784.7 | 785.4 | 785.8 | 786.0 | 786.2 | 786.5 | 786.7 | 786.8 |
| 135° | 840.1 | 841.0 | 841.9 | 842.8 | 843.7 | 844.1 | 844.1 | 844.1 | 844.1 | 844.1 | 843.9 |
| 137.5° | 896.2 | 897.3 | 898.5 | 899.6 | 900.7 | 901.1 | 900.9 | 900.6 | 900.3 | 900.1 | 899.6 |
| 140° | 932.2 | 933.3 | 934.4 | 935.6 | 936.8 | 937.1 | 936.6 | 936.1 | 935.7 | 935.2 | 934.5 |
| 142.5° | 966.5 | 967.8 | 968.9 | 970.0 | 971.1 | 971.6 | 971.3 | 971.0 | 970.7 | 970.5 | 969.6 |
| 145° | 1018.1 | 1018.9 | 1019.5 | 1020.2 | 1020.9 | 1021.2 | 1021.2 | 1021.2 | 1021.2 | 1021.2 | 1020.6 |
| 147.5° | 1062.2 | 1063.7 | 1065.2 | 1066.8 | 1068.3 | 1068.8 | 1068.2 | 1067.7 | 1067.2 | 1066.6 | 1066.1 |
| 150° | 1094.9 | 1095.3 | 1095.8 | 1096.2 | 1096.7 | 1096.9 | 1096.9 | 1096.9 | 1096.9 | 1096.9 | 1096.0 |
| 152.5° | 1121.9 | 1122.7 | 1123.6 | 1124.4 | 1125.2 | 1125.3 | 1124.8 | 1124.2 | 1123.7 | 1123.2 | 1122.8 |
| 155° | 1160.3 | 1161.5 | 1162.7 | 1163.8 | 1164.9 | 1165.1 | 1164.2 | 1163.3 | 1162.4 | 1161.4 | 1161.1 |
| 157.5° | 1192.5 | 1194.0 | 1195.5 | 1197.0 | 1198.5 | 1198.8 | 1197.9 | 1197.0 | 1196.1 | 1195.2 | 1195.0 |
| 160° | 1214.6 | 1215.8 | 1216.9 | 1218.0 | 1219.1 | 1219.3 | 1218.4 | 1217.5 | 1216.6 | 1215.7 | 1215.4 |
| 162.5° | 1233.4 | 1234.8 | 1236.1 | 1237.4 | 1238.7 | 1238.8 | 1237.7 | 1236.7 | 1235.6 | 1234.5 | 1234.5 |
| 165° | 1258.6 | 1260.0 | 1261.3 | 1262.7 | 1264.0 | 1264.3 | 1263.3 | 1262.4 | 1261.5 | 1260.6 | 1260.4 |
| 167.5° | 1278.7 | 1280.1 | 1281.5 | 1282.9 | 1284.3 | 1284.3 | 1282.9 | 1281.6 | 1280.2 | 1278.9 | 1278.9 |
| 170° | 1289.3 | 1290.9 | 1292.5 | 1294.0 | 1295.7 | 1295.8 | 1294.4 | 1293.0 | 1291.7 | 1290.3 | 1290.3 |
| 172.5° | 1298.3 | 1299.7 | 1301.1 | 1302.5 | 1303.9 | 1303.9 | 1302.6 | 1301.2 | 1299.9 | 1298.5 | 1298.5 |
| 175° | 1306.7 | 1308.3 | 1309.9 | 1311.5 | 1313.0 | 1313.2 | 1311.8 | 1310.4 | 1309.1 | 1307.7 | 1307.7 |
| 177.5° | 1311.6 | 1312.9 | 1314.1 | 1315.5 | 1316.7 | 1316.8 | 1315.8 | 1314.6 | 1313.5 | 1312.4 | 1312.6 |
| 180° | 1314.8 | 1314.8 | 1314.8 | 1314.8 | 1314.8 | 1314.8 | 1314.8 | 1314.8 | 1314.8 | 1314.8 | 1314.8 |



TEST NUMBER: P333689-840

CATALOG NUMBER: S125RDIW-S850D1050U840-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1277.4 | 1277.4 | 1277.4 | 1277.4 | 1277.4 | 1277.4 | 1277.4 | 1277.4 | 1277.4 | 1277.4 | 1277.4 |
| 2.5° | 1312.6 | 1309.7 | 1304.2 | 1299.2 | 1292.9 | 1287.5 | 1283.6 | 1279.1 | 1273.1 | 1266.1 | 1260.2 |
| 5° | 1370.7 | 1359.2 | 1343.9 | 1330.9 | 1314.0 | 1301.0 | 1287.4 | 1274.2 | 1261.1 | 1244.4 | 1229.6 |
| 7.5° | 1435.1 | 1411.3 | 1388.2 | 1359.0 | 1332.5 | 1308.9 | 1286.3 | 1263.3 | 1240.9 | 1217.1 | 1194.1 |
| 10° | 1474.5 | 1445.7 | 1413.7 | 1377.0 | 1343.4 | 1311.4 | 1282.1 | 1253.2 | 1222.8 | 1196.1 | 1167.2 |
| 12.5° | 1511.5 | 1474.2 | 1437.6 | 1391.3 | 1351.0 | 1311.9 | 1274.6 | 1238.6 | 1206.1 | 1171.3 | 1140.4 |
| 15° | 1544.8 | 1508.1 | 1467.2 | 1410.6 | 1354.4 | 1307.3 | 1263.2 | 1216.6 | 1176.2 | 1137.4 | 1102.8 |
| 17.5° | 1557.7 | 1519.2 | 1471.7 | 1417.2 | 1355.9 | 1296.6 | 1239.8 | 1188.6 | 1141.1 | 1095.9 | 1057.0 |
| 20° | 1552.7 | 1515.4 | 1466.6 | 1414.7 | 1349.2 | 1287.4 | 1226.0 | 1169.3 | 1116.4 | 1068.6 | 1027.2 |
| 22.5° | 1540.4 | 1502.0 | 1454.9 | 1400.1 | 1337.9 | 1272.2 | 1206.7 | 1146.3 | 1090.8 | 1041.4 | 996.2 |
| 25° | 1522.3 | 1469.9 | 1421.6 | 1368.1 | 1308.8 | 1243.9 | 1176.2 | 1109.5 | 1050.4 | 1000.0 | 950.7 |
| 27.5° | 1503.3 | 1437.8 | 1376.4 | 1323.3 | 1260.7 | 1202.6 | 1137.5 | 1069.1 | 1006.9 | 955.6 | 905.0 |
| 30° | 1486.1 | 1412.7 | 1345.0 | 1284.8 | 1225.5 | 1170.4 | 1108.5 | 1041.9 | 978.0 | 925.0 | 873.6 |
| 32.5° | 1464.7 | 1386.6 | 1312.3 | 1242.7 | 1185.6 | 1130.9 | 1075.0 | 1011.3 | 949.0 | 894.3 | 842.1 |
| 35° | 1437.8 | 1338.2 | 1257.5 | 1183.5 | 1120.0 | 1067.1 | 1016.7 | 965.3 | 902.9 | 846.4 | 795.5 |
| 37.5° | 1402.6 | 1289.5 | 1196.1 | 1115.6 | 1048.6 | 995.4 | 955.7 | 908.8 | 851.8 | 797.6 | 750.3 |
| 40° | 1381.2 | 1254.3 | 1152.1 | 1072.4 | 1002.1 | 945.9 | 908.8 | 868.9 | 817.0 | 766.1 | 718.9 |
| 42.5° | 1352.7 | 1222.0 | 1107.6 | 1024.5 | 953.8 | 899.8 | 862.1 | 827.4 | 783.9 | 735.9 | 685.4 |
| 45° | 1296.8 | 1159.4 | 1039.4 | 950.2 | 878.9 | 825.9 | 790.7 | 759.8 | 726.8 | 682.8 | 638.6 |
| 47.5° | 1224.0 | 1094.1 | 968.4 | 871.1 | 801.2 | 752.0 | 718.0 | 693.6 | 669.9 | 632.5 | 589.7 |
| 50° | 1165.7 | 1040.4 | 917.7 | 823.2 | 748.8 | 702.2 | 670.1 | 650.8 | 629.2 | 595.1 | 559.5 |
| 52.5° | 1096.9 | 985.0 | 864.7 | 768.3 | 698.0 | 654.3 | 623.6 | 604.2 | 586.4 | 558.7 | 524.7 |
| 55° | 988.5 | 890.4 | 780.2 | 692.7 | 628.2 | 584.1 | 554.8 | 536.4 | 525.9 | 502.3 | 475.6 |
| 57.5° | 863.3 | 793.0 | 695.9 | 611.5 | 554.5 | 511.0 | 489.5 | 473.8 | 462.0 | 445.2 | 426.5 |
| 60° | 776.1 | 726.8 | 639.7 | 559.5 | 507.1 | 465.6 | 446.3 | 433.1 | 422.1 | 408.0 | 393.2 |
| 62.5° | 687.5 | 651.7 | 575.9 | 507.1 | 458.8 | 424.1 | 406.0 | 394.2 | 381.4 | 371.9 | 357.6 |
| 65° | 569.0 | 536.9 | 484.5 | 430.5 | 386.0 | 358.1 | 345.1 | 334.6 | 326.7 | 316.2 | 306.2 |
| 67.5° | 442.5 | 429.6 | 393.3 | 356.2 | 324.2 | 299.4 | 288.1 | 280.7 | 271.4 | 265.0 | 258.2 |
| 70° | 365.0 | 358.7 | 333.0 | 308.3 | 278.4 | 261.7 | 251.2 | 248.0 | 236.5 | 230.2 | 225.5 |
| 72.5° | 296.2 | 293.3 | 278.4 | 261.4 | 240.2 | 225.6 | 215.9 | 212.4 | 205.0 | 200.0 | 196.9 |
| 75° | 202.9 | 204.0 | 201.4 | 190.4 | 182.5 | 173.1 | 164.6 | 162.6 | 157.3 | 153.1 | 150.5 |
| 77.5° | 128.4 | 133.7 | 133.9 | 133.4 | 130.3 | 124.5 | 121.0 | 119.5 | 114.3 | 112.7 | 112.1 |
| 80° | 88.1 | 93.8 | 99.1 | 98.6 | 97.6 | 95.9 | 93.3 | 91.8 | 89.2 | 87.6 | 86.5 |
| 82.5° | 58.8 | 64.1 | 68.5 | 71.3 | 71.1 | 69.6 | 67.8 | 67.1 | 66.4 | 65.3 | 65.1 |
| 85° | 27.8 | 28.9 | 30.4 | 34.1 | 36.7 | 37.3 | 36.7 | 36.2 | 34.6 | 35.1 | 35.6 |
| 87.5° | 12.3 | 12.0 | 12.1 | 11.7 | 10.9 | 12.7 | 13.5 | 13.6 | 13.1 | 12.7 | 12.2 |
| 90° | 13.2 | 11.6 | 10.0 | 8.3 | 6.5 | 4.6 | 2.8 | 1.0 | 2.8 | 4.6 | 6.5 |
| 92.5° | 35.3 | 33.4 | 31.5 | 29.9 | 28.6 | 27.3 | 26.1 | 24.7 | 26.1 | 27.3 | 28.6 |
| 95° | 74.2 | 72.0 | 69.7 | 68.4 | 67.9 | 67.5 | 67.0 | 66.6 | 67.0 | 67.5 | 67.9 |
| 97.5° | 119.2 | 116.0 | 112.9 | 111.3 | 111.1 | 110.9 | 110.7 | 110.5 | 110.7 | 110.9 | 111.1 |
| 100° | 150.7 | 147.6 | 144.7 | 143.3 | 143.3 | 143.3 | 143.3 | 143.3 | 143.3 | 143.3 | 143.3 |
| 102.5° | 186.3 | 184.8 | 183.3 | 182.1 | 181.2 | 180.3 | 179.4 | 178.4 | 179.4 | 180.3 | 181.2 |
| 105° | 241.9 | 240.4 | 239.1 | 237.8 | 236.7 | 235.6 | 234.4 | 233.3 | 234.4 | 235.6 | 236.7 |
| 107.5° | 301.6 | 300.5 | 299.5 | 298.4 | 297.3 | 296.2 | 295.0 | 293.9 | 295.0 | 296.2 | 297.3 |
| 110° | 342.4 | 341.7 | 341.1 | 340.2 | 339.0 | 337.9 | 336.8 | 335.6 | 336.8 | 337.9 | 339.0 |



TEST NUMBER: P333689-840

CATALOG NUMBER: S125RDIW-S850D1050U840-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 383.0 | 382.1 | 381.3 | 380.5 | 380.0 | 379.4 | 378.8 | 378.2 | 378.8 | 379.4 | 380.0 |
| 115° | 446.3 | 445.8 | 445.4 | 444.6 | 443.7 | 442.8 | 441.9 | 441.0 | 441.9 | 442.8 | 443.7 |
| 117.5° | 507.0 | 506.5 | 506.1 | 505.7 | 505.2 | 504.8 | 504.4 | 504.0 | 504.4 | 504.8 | 505.2 |
| 120° | 549.1 | 548.8 | 548.6 | 547.9 | 546.7 | 545.6 | 544.5 | 543.3 | 544.5 | 545.6 | 546.7 |
| 122.5° | 589.3 | 588.7 | 588.0 | 587.5 | 587.1 | 586.7 | 586.3 | 585.9 | 586.3 | 586.7 | 587.1 |
| 125° | 650.4 | 650.2 | 649.8 | 649.0 | 647.7 | 646.3 | 645.0 | 643.6 | 645.0 | 646.3 | 647.7 |
| 127.5° | 709.2 | 708.9 | 708.6 | 708.1 | 707.3 | 706.6 | 705.8 | 705.0 | 705.8 | 706.6 | 707.3 |
| 130° | 748.1 | 747.7 | 747.2 | 746.4 | 745.3 | 744.2 | 743.0 | 741.8 | 743.0 | 744.2 | 745.3 |
| 132.5° | 786.9 | 787.0 | 787.1 | 786.2 | 784.3 | 782.4 | 780.5 | 778.7 | 780.5 | 782.4 | 784.3 |
| 135° | 843.7 | 843.5 | 843.2 | 842.5 | 841.1 | 839.7 | 838.4 | 837.0 | 838.4 | 839.7 | 841.1 |
| 137.5° | 899.1 | 898.6 | 898.1 | 897.2 | 895.9 | 894.5 | 893.2 | 891.9 | 893.2 | 894.5 | 895.9 |
| 140° | 933.9 | 933.2 | 932.5 | 931.6 | 930.5 | 929.4 | 928.2 | 927.1 | 928.2 | 929.4 | 930.5 |
| 142.5° | 968.8 | 967.9 | 967.0 | 966.1 | 965.1 | 964.2 | 963.2 | 962.3 | 963.2 | 964.2 | 965.1 |
| 145° | 1019.9 | 1019.2 | 1018.4 | 1017.6 | 1016.7 | 1015.8 | 1014.9 | 1014.0 | 1014.9 | 1015.8 | 1016.7 |
| 147.5° | 1065.5 | 1065.0 | 1064.5 | 1063.9 | 1063.4 | 1063.0 | 1062.5 | 1062.0 | 1062.5 | 1063.0 | 1063.4 |
| 150° | 1095.1 | 1094.2 | 1093.3 | 1093.0 | 1093.2 | 1093.4 | 1093.7 | 1093.9 | 1093.7 | 1093.4 | 1093.2 |
| 152.5° | 1122.4 | 1122.1 | 1121.7 | 1121.4 | 1121.1 | 1120.6 | 1120.3 | 1120.0 | 1120.3 | 1120.6 | 1121.1 |
| 155° | 1160.9 | 1160.7 | 1160.4 | 1160.3 | 1160.3 | 1160.3 | 1160.3 | 1160.3 | 1160.3 | 1160.3 | 1160.3 |
| 157.5° | 1194.7 | 1194.5 | 1194.3 | 1194.4 | 1194.9 | 1195.4 | 1195.9 | 1196.4 | 1195.9 | 1195.4 | 1194.9 |
| 160° | 1215.2 | 1215.0 | 1214.8 | 1215.0 | 1215.7 | 1216.3 | 1217.0 | 1217.7 | 1217.0 | 1216.3 | 1215.7 |
| 162.5° | 1234.4 | 1234.4 | 1234.3 | 1234.5 | 1235.0 | 1235.5 | 1236.0 | 1236.5 | 1236.0 | 1235.5 | 1235.0 |
| 165° | 1260.2 | 1260.0 | 1259.7 | 1259.8 | 1260.3 | 1260.7 | 1261.2 | 1261.7 | 1261.2 | 1260.7 | 1260.3 |
| 167.5° | 1278.9 | 1278.9 | 1278.9 | 1279.3 | 1280.2 | 1281.1 | 1282.0 | 1282.9 | 1282.0 | 1281.1 | 1280.2 |
| 170° | 1290.3 | 1290.3 | 1290.3 | 1290.8 | 1291.7 | 1292.6 | 1293.5 | 1294.4 | 1293.5 | 1292.6 | 1291.7 |
| 172.5° | 1298.5 | 1298.5 | 1298.5 | 1299.0 | 1299.9 | 1300.8 | 1301.7 | 1302.6 | 1301.7 | 1300.8 | 1299.9 |
| 175° | 1307.7 | 1307.7 | 1307.7 | 1308.2 | 1309.1 | 1310.0 | 1310.9 | 1311.8 | 1310.9 | 1310.0 | 1309.1 |
| 177.5° | 1312.8 | 1312.9 | 1313.1 | 1313.6 | 1314.3 | 1315.0 | 1315.8 | 1316.6 | 1315.8 | 1315.0 | 1314.3 |
| 180° | 1314.8 | 1314.8 | 1314.8 | 1314.8 | 1314.8 | 1314.8 | 1314.8 | 1314.8 | 1314.8 | 1314.8 | 1314.8 |



TEST NUMBER: P333689-840

CATALOG NUMBER: S125RDIW-S850D1050U840-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1277.4 | 1277.4 | 1277.4 | 1277.4 | 1277.4 | 1277.4 | 1277.4 | 1277.4 | 1277.4 | 1277.4 | 1277.4 |
| 2.5° | 1256.0 | 1250.1 | 1245.9 | 1237.5 | 1231.6 | 1229.1 | 1224.6 | 1223.2 | 1227.9 | 1224.6 | 1224.1 |
| 5° | 1218.6 | 1203.5 | 1191.3 | 1179.3 | 1166.2 | 1157.8 | 1145.2 | 1143.2 | 1139.9 | 1135.3 | 1134.2 |
| 7.5° | 1173.9 | 1154.1 | 1138.5 | 1118.6 | 1101.3 | 1087.3 | 1071.6 | 1064.2 | 1060.1 | 1054.0 | 1045.8 |
| 10° | 1143.7 | 1120.0 | 1099.0 | 1079.1 | 1057.6 | 1040.4 | 1024.6 | 1012.6 | 1004.7 | 997.3 | 994.2 |
| 12.5° | 1113.9 | 1089.8 | 1063.0 | 1038.8 | 1014.9 | 995.4 | 978.1 | 970.2 | 961.5 | 952.9 | 945.5 |
| 15° | 1067.6 | 1035.6 | 1006.2 | 978.5 | 958.1 | 937.1 | 920.3 | 908.8 | 895.6 | 891.9 | 877.8 |
| 17.5° | 1018.5 | 987.1 | 952.8 | 923.5 | 899.8 | 876.8 | 858.3 | 845.2 | 835.4 | 821.8 | 815.3 |
| 20° | 988.0 | 950.7 | 917.2 | 890.4 | 864.1 | 836.9 | 818.0 | 807.0 | 797.6 | 786.6 | 781.3 |
| 22.5° | 955.2 | 918.8 | 884.4 | 853.0 | 826.4 | 799.6 | 786.2 | 774.7 | 764.0 | 753.9 | 746.9 |
| 25° | 907.2 | 870.5 | 834.2 | 801.7 | 774.0 | 754.6 | 738.8 | 725.7 | 719.9 | 710.0 | 702.7 |
| 27.5° | 859.7 | 820.6 | 783.0 | 750.7 | 728.9 | 709.7 | 696.8 | 686.4 | 676.0 | 667.3 | 661.0 |
| 30° | 829.0 | 789.2 | 748.3 | 722.6 | 699.5 | 681.2 | 667.0 | 657.0 | 649.1 | 641.3 | 636.6 |
| 32.5° | 798.4 | 757.3 | 721.0 | 693.2 | 671.4 | 655.6 | 641.0 | 631.5 | 623.2 | 614.5 | 608.9 |
| 35° | 749.3 | 707.4 | 678.0 | 650.8 | 629.2 | 614.6 | 604.6 | 591.0 | 584.1 | 577.8 | 572.1 |
| 37.5° | 703.7 | 664.7 | 632.9 | 609.0 | 590.4 | 575.7 | 562.9 | 555.5 | 547.1 | 541.5 | 536.6 |
| 40° | 670.1 | 634.5 | 605.6 | 580.5 | 566.8 | 550.6 | 538.6 | 529.1 | 522.8 | 515.4 | 510.2 |
| 42.5° | 640.0 | 606.8 | 578.8 | 556.1 | 539.2 | 525.4 | 513.8 | 504.3 | 496.3 | 491.1 | 486.8 |
| 45° | 597.2 | 564.2 | 536.9 | 515.9 | 500.3 | 487.2 | 475.0 | 470.4 | 459.9 | 453.6 | 451.5 |
| 47.5° | 553.1 | 523.5 | 497.3 | 477.9 | 461.8 | 449.4 | 438.1 | 428.4 | 422.6 | 416.5 | 413.1 |
| 50° | 523.3 | 495.0 | 470.4 | 451.5 | 435.8 | 422.1 | 411.6 | 405.4 | 397.5 | 391.7 | 387.5 |
| 52.5° | 493.5 | 467.4 | 442.7 | 424.6 | 411.0 | 397.4 | 385.7 | 379.3 | 371.9 | 368.2 | 365.3 |
| 55° | 451.0 | 423.1 | 402.2 | 384.4 | 370.2 | 357.6 | 346.6 | 340.3 | 335.6 | 331.9 | 330.8 |
| 57.5° | 402.7 | 380.7 | 361.2 | 345.2 | 330.4 | 318.6 | 308.9 | 303.0 | 298.8 | 298.2 | 295.1 |
| 60° | 371.2 | 351.3 | 333.5 | 316.2 | 303.6 | 292.6 | 284.2 | 277.4 | 273.2 | 272.7 | 271.7 |
| 62.5° | 339.8 | 320.7 | 304.2 | 288.9 | 277.6 | 267.0 | 259.0 | 251.4 | 248.8 | 246.2 | 244.0 |
| 65° | 293.2 | 275.8 | 262.2 | 250.1 | 238.0 | 229.1 | 221.3 | 216.5 | 210.8 | 207.6 | 201.9 |
| 67.5° | 247.3 | 233.9 | 220.8 | 210.6 | 201.2 | 192.7 | 186.1 | 179.2 | 175.2 | 172.7 | 168.5 |
| 70° | 217.1 | 206.6 | 193.5 | 182.5 | 175.1 | 168.3 | 163.1 | 155.2 | 152.6 | 150.5 | 148.3 |
| 72.5° | 188.5 | 179.4 | 168.3 | 159.5 | 152.1 | 145.6 | 139.6 | 135.9 | 133.3 | 131.2 | 130.0 |
| 75° | 148.3 | 139.5 | 130.1 | 123.7 | 118.6 | 113.3 | 110.1 | 107.4 | 106.4 | 105.9 | 103.8 |
| 77.5° | 109.0 | 104.2 | 96.6 | 91.7 | 88.2 | 86.1 | 83.3 | 81.9 | 81.8 | 79.5 | 78.8 |
| 80° | 83.4 | 80.8 | 74.4 | 72.4 | 69.8 | 67.7 | 66.0 | 63.4 | 60.8 | 59.8 | 58.2 |
| 82.5° | 62.0 | 59.4 | 56.9 | 53.5 | 51.3 | 50.0 | 48.5 | 47.5 | 47.9 | 46.4 | 45.6 |
| 85° | 33.0 | 30.4 | 29.4 | 28.9 | 27.8 | 28.9 | 28.3 | 27.8 | 27.3 | 26.8 | 27.3 |
| 87.5° | 12.1 | 12.5 | 12.4 | 13.5 | 12.6 | 13.3 | 13.5 | 13.3 | 13.6 | 13.8 | 13.6 |
| 90° | 8.3 | 10.0 | 11.6 | 13.2 | 14.7 | 16.4 | 17.5 | 18.7 | 19.8 | 20.9 | 21.8 |
| 92.5° | 29.9 | 31.5 | 33.4 | 35.3 | 37.4 | 39.3 | 40.8 | 42.3 | 43.8 | 45.3 | 46.3 |
| 95° | 68.4 | 69.7 | 72.0 | 74.2 | 76.5 | 78.8 | 80.4 | 82.0 | 83.5 | 85.1 | 86.1 |
| 97.5° | 111.3 | 112.9 | 116.0 | 119.2 | 122.3 | 125.4 | 126.9 | 128.5 | 130.0 | 131.5 | 132.3 |
| 100° | 143.3 | 144.7 | 147.6 | 150.7 | 153.6 | 156.5 | 158.6 | 160.7 | 162.7 | 164.7 | 166.0 |
| 102.5° | 182.1 | 183.3 | 184.8 | 186.3 | 187.8 | 189.3 | 191.6 | 193.8 | 196.0 | 198.2 | 199.7 |
| 105° | 237.8 | 239.1 | 240.4 | 241.9 | 243.2 | 244.6 | 245.9 | 247.3 | 248.6 | 250.0 | 251.1 |
| 107.5° | 298.4 | 299.5 | 300.5 | 301.6 | 302.7 | 303.7 | 304.4 | 305.1 | 305.8 | 306.4 | 306.8 |
| 110° | 340.2 | 341.1 | 341.7 | 342.4 | 343.2 | 343.9 | 344.5 | 345.2 | 345.9 | 346.6 | 346.8 |



TEST NUMBER: P333689-840

CATALOG NUMBER: S125RDIW-S850D1050U840-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 380.5 | 381.3 | 382.1 | 383.0 | 383.8 | 384.8 | 385.1 | 385.4 | 385.7 | 386.0 | 386.0 |
| 115° | 444.6 | 445.4 | 445.8 | 446.3 | 446.7 | 447.2 | 447.0 | 446.7 | 446.5 | 446.3 | 446.1 |
| 117.5° | 505.7 | 506.1 | 506.5 | 507.0 | 507.4 | 507.8 | 508.0 | 508.1 | 508.3 | 508.5 | 508.1 |
| 120° | 547.9 | 548.6 | 548.8 | 549.1 | 549.3 | 549.5 | 549.5 | 549.5 | 549.5 | 549.5 | 549.1 |
| 122.5° | 587.5 | 588.0 | 588.7 | 589.3 | 589.9 | 590.5 | 590.3 | 590.1 | 589.9 | 589.7 | 589.3 |
| 125° | 649.0 | 649.8 | 650.2 | 650.4 | 650.6 | 650.8 | 650.4 | 649.8 | 649.4 | 648.9 | 648.6 |
| 127.5° | 708.1 | 708.6 | 708.9 | 709.2 | 709.4 | 709.7 | 709.5 | 709.2 | 709.0 | 708.8 | 708.5 |
| 130° | 746.4 | 747.2 | 747.7 | 748.1 | 748.6 | 749.0 | 748.8 | 748.6 | 748.3 | 748.1 | 747.8 |
| 132.5° | 786.2 | 787.1 | 787.0 | 786.9 | 786.8 | 786.7 | 786.5 | 786.2 | 786.0 | 785.8 | 785.4 |
| 135° | 842.5 | 843.2 | 843.5 | 843.7 | 843.9 | 844.1 | 844.1 | 844.1 | 844.1 | 844.1 | 843.7 |
| 137.5° | 897.2 | 898.1 | 898.6 | 899.1 | 899.6 | 900.1 | 900.3 | 900.6 | 900.9 | 901.1 | 900.7 |
| 140° | 931.6 | 932.5 | 933.2 | 933.9 | 934.5 | 935.2 | 935.7 | 936.1 | 936.6 | 937.1 | 936.8 |
| 142.5° | 966.1 | 967.0 | 967.9 | 968.8 | 969.6 | 970.5 | 970.7 | 971.0 | 971.3 | 971.6 | 971.1 |
| 145° | 1017.6 | 1018.4 | 1019.2 | 1019.9 | 1020.6 | 1021.2 | 1021.2 | 1021.2 | 1021.2 | 1021.2 | 1020.9 |
| 147.5° | 1063.9 | 1064.5 | 1065.0 | 1065.5 | 1066.1 | 1066.6 | 1067.2 | 1067.7 | 1068.2 | 1068.8 | 1068.3 |
| 150° | 1093.0 | 1093.3 | 1094.2 | 1095.1 | 1096.0 | 1096.9 | 1096.9 | 1096.9 | 1096.9 | 1096.9 | 1096.7 |
| 152.5° | 1121.4 | 1121.7 | 1122.1 | 1122.4 | 1122.8 | 1123.2 | 1123.7 | 1124.2 | 1124.8 | 1125.3 | 1125.2 |
| 155° | 1160.3 | 1160.4 | 1160.7 | 1160.9 | 1161.1 | 1161.4 | 1162.4 | 1163.3 | 1164.2 | 1165.1 | 1164.9 |
| 157.5° | 1194.4 | 1194.3 | 1194.5 | 1194.7 | 1195.0 | 1195.2 | 1196.1 | 1197.0 | 1197.9 | 1198.8 | 1198.5 |
| 160° | 1215.0 | 1214.8 | 1215.0 | 1215.2 | 1215.4 | 1215.7 | 1216.6 | 1217.5 | 1218.4 | 1219.3 | 1219.1 |
| 162.5° | 1234.5 | 1234.3 | 1234.4 | 1234.4 | 1234.5 | 1234.5 | 1235.6 | 1236.7 | 1237.7 | 1238.8 | 1238.7 |
| 165° | 1259.8 | 1259.7 | 1260.0 | 1260.2 | 1260.4 | 1260.6 | 1261.5 | 1262.4 | 1263.3 | 1264.3 | 1264.0 |
| 167.5° | 1279.3 | 1278.9 | 1278.9 | 1278.9 | 1278.9 | 1278.9 | 1280.2 | 1281.6 | 1282.9 | 1284.3 | 1284.3 |
| 170° | 1290.8 | 1290.3 | 1290.3 | 1290.3 | 1290.3 | 1290.3 | 1291.7 | 1293.0 | 1294.4 | 1295.8 | 1295.7 |
| 172.5° | 1299.0 | 1298.5 | 1298.5 | 1298.5 | 1298.5 | 1298.5 | 1299.9 | 1301.2 | 1302.6 | 1303.9 | 1303.9 |
| 175° | 1308.2 | 1307.7 | 1307.7 | 1307.7 | 1307.7 | 1307.7 | 1309.1 | 1310.4 | 1311.8 | 1313.2 | 1313.0 |
| 177.5° | 1313.6 | 1313.1 | 1312.9 | 1312.8 | 1312.6 | 1312.4 | 1313.5 | 1314.6 | 1315.8 | 1316.8 | 1316.7 |
| 180° | 1314.8 | 1314.8 | 1314.8 | 1314.8 | 1314.8 | 1314.8 | 1314.8 | 1314.8 | 1314.8 | 1314.8 | 1314.8 |



TEST NUMBER: P333689-840

CATALOG NUMBER: S125RDIW-S850D1050U840-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1277.4 | 1277.4 | 1277.4 | 1277.4 | 1277.4 | 1277.4 | 1277.4 | 1277.4 | 1277.4 | 1277.4 | 1277.4 |
| 2.5° | 1223.7 | 1219.1 | 1217.8 | 1219.5 | 1217.8 | 1219.1 | 1223.7 | 1224.1 | 1224.6 | 1227.9 | 1223.2 |
| 5° | 1128.9 | 1123.8 | 1126.3 | 1125.3 | 1126.3 | 1123.8 | 1128.9 | 1134.2 | 1135.3 | 1139.9 | 1143.2 |
| 7.5° | 1045.7 | 1039.2 | 1032.3 | 1034.5 | 1032.3 | 1039.2 | 1045.7 | 1045.8 | 1054.0 | 1060.1 | 1064.2 |
| 10° | 987.3 | 982.2 | 979.0 | 981.6 | 979.0 | 982.2 | 987.3 | 994.2 | 997.3 | 1004.7 | 1012.6 |
| 12.5° | 938.3 | 935.1 | 932.4 | 931.3 | 932.4 | 935.1 | 938.3 | 945.5 | 952.9 | 961.5 | 970.2 |
| 15° | 871.5 | 865.3 | 862.6 | 855.8 | 862.6 | 865.3 | 871.5 | 877.8 | 891.9 | 895.6 | 908.8 |
| 17.5° | 809.9 | 807.9 | 801.0 | 798.1 | 801.0 | 807.9 | 809.9 | 815.3 | 821.8 | 835.4 | 845.2 |
| 20° | 773.5 | 771.3 | 764.6 | 768.7 | 764.6 | 771.3 | 773.5 | 781.3 | 786.6 | 797.6 | 807.0 |
| 22.5° | 743.3 | 738.6 | 736.4 | 735.2 | 736.4 | 738.6 | 743.3 | 746.9 | 753.9 | 764.0 | 774.7 |
| 25° | 700.5 | 693.8 | 691.2 | 688.0 | 691.2 | 693.8 | 700.5 | 702.7 | 710.0 | 719.9 | 725.7 |
| 27.5° | 658.0 | 654.3 | 650.9 | 650.1 | 650.9 | 654.3 | 658.0 | 661.0 | 667.3 | 676.0 | 686.4 |
| 30° | 630.3 | 626.6 | 624.0 | 624.0 | 624.0 | 626.6 | 630.3 | 636.6 | 641.3 | 649.1 | 657.0 |
| 32.5° | 605.5 | 602.7 | 600.1 | 599.7 | 600.1 | 602.7 | 605.5 | 608.9 | 614.5 | 623.2 | 631.5 |
| 35° | 569.5 | 565.3 | 564.2 | 561.1 | 564.2 | 565.3 | 569.5 | 572.1 | 577.8 | 584.1 | 591.0 |
| 37.5° | 532.0 | 528.6 | 528.5 | 528.2 | 528.5 | 528.6 | 532.0 | 536.6 | 541.5 | 547.1 | 555.5 |
| 40° | 508.2 | 505.5 | 504.9 | 501.3 | 504.9 | 505.5 | 508.2 | 510.2 | 515.4 | 522.8 | 529.1 |
| 42.5° | 482.5 | 481.2 | 479.4 | 477.8 | 479.4 | 481.2 | 482.5 | 486.8 | 491.1 | 496.3 | 504.3 |
| 45° | 447.8 | 444.1 | 444.1 | 441.5 | 444.1 | 444.1 | 447.8 | 451.5 | 453.6 | 459.9 | 470.4 |
| 47.5° | 411.9 | 409.1 | 409.4 | 406.7 | 409.4 | 409.1 | 411.9 | 413.1 | 416.5 | 422.6 | 428.4 |
| 50° | 388.0 | 386.5 | 386.0 | 384.9 | 386.0 | 386.5 | 388.0 | 387.5 | 391.7 | 397.5 | 405.4 |
| 52.5° | 364.2 | 363.3 | 365.4 | 363.0 | 365.4 | 363.3 | 364.2 | 365.3 | 368.2 | 371.9 | 379.3 |
| 55° | 331.9 | 330.3 | 333.5 | 330.3 | 333.5 | 330.3 | 331.9 | 330.8 | 331.9 | 335.6 | 340.3 |
| 57.5° | 294.9 | 293.5 | 296.3 | 294.7 | 296.3 | 293.5 | 294.9 | 295.1 | 298.2 | 298.8 | 303.0 |
| 60° | 270.5 | 267.4 | 269.0 | 269.5 | 269.0 | 267.4 | 270.5 | 271.7 | 272.7 | 273.2 | 277.4 |
| 62.5° | 241.7 | 239.7 | 240.9 | 238.5 | 240.9 | 239.7 | 241.7 | 244.0 | 246.2 | 248.8 | 251.4 |
| 65° | 200.9 | 199.2 | 197.1 | 196.1 | 197.1 | 199.2 | 200.9 | 201.9 | 207.6 | 210.8 | 216.5 |
| 67.5° | 168.7 | 165.0 | 164.9 | 165.7 | 164.9 | 165.0 | 168.7 | 168.5 | 172.7 | 175.2 | 179.2 |
| 70° | 145.2 | 145.2 | 144.7 | 144.7 | 144.7 | 145.2 | 145.2 | 148.3 | 150.5 | 152.6 | 155.2 |
| 72.5° | 128.9 | 128.5 | 127.5 | 127.1 | 127.5 | 128.5 | 128.9 | 130.0 | 131.2 | 133.3 | 135.9 |
| 75° | 103.8 | 104.3 | 103.3 | 102.8 | 103.3 | 104.3 | 103.8 | 103.8 | 105.9 | 106.4 | 107.4 |
| 77.5° | 76.6 | 74.4 | 75.6 | 74.4 | 75.6 | 74.4 | 76.6 | 78.8 | 79.5 | 81.8 | 81.9 |
| 80° | 58.2 | 57.7 | 59.3 | 57.7 | 59.3 | 57.7 | 58.2 | 58.2 | 59.8 | 60.8 | 63.4 |
| 82.5° | 46.0 | 45.5 | 46.3 | 45.1 | 46.3 | 45.5 | 46.0 | 45.6 | 46.4 | 47.9 | 47.5 |
| 85° | 27.8 | 27.3 | 26.8 | 27.3 | 26.8 | 27.3 | 27.8 | 27.3 | 26.8 | 27.3 | 27.8 |
| 87.5° | 14.1 | 13.8 | 14.0 | 14.1 | 14.0 | 13.8 | 14.1 | 13.6 | 13.8 | 13.6 | 13.3 |
| 90° | 22.5 | 23.2 | 23.8 | 24.5 | 23.8 | 23.2 | 22.5 | 21.8 | 20.9 | 19.8 | 18.7 |
| 92.5° | 46.8 | 47.3 | 47.8 | 48.3 | 47.8 | 47.3 | 46.8 | 46.3 | 45.3 | 43.8 | 42.3 |
| 95° | 86.6 | 87.1 | 87.6 | 88.0 | 87.6 | 87.1 | 86.6 | 86.1 | 85.1 | 83.5 | 82.0 |
| 97.5° | 132.6 | 132.9 | 133.2 | 133.4 | 133.2 | 132.9 | 132.6 | 132.3 | 131.5 | 130.0 | 128.5 |
| 100° | 166.4 | 166.9 | 167.3 | 167.8 | 167.3 | 166.9 | 166.4 | 166.0 | 164.7 | 162.7 | 160.7 |
| 102.5° | 200.3 | 201.0 | 201.6 | 202.2 | 201.6 | 201.0 | 200.3 | 199.7 | 198.2 | 196.0 | 193.8 |
| 105° | 251.8 | 252.4 | 253.1 | 253.8 | 253.1 | 252.4 | 251.8 | 251.1 | 250.0 | 248.6 | 247.3 |
| 107.5° | 306.7 | 306.7 | 306.6 | 306.6 | 306.6 | 306.7 | 306.7 | 306.8 | 306.4 | 305.8 | 305.1 |
| 110° | 346.6 | 346.3 | 346.1 | 345.9 | 346.1 | 346.3 | 346.6 | 346.8 | 346.6 | 345.9 | 345.2 |



TEST NUMBER: P333689-840

CATALOG NUMBER: S125RDIW-S850D1050U840-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 385.6 | 385.2 | 384.8 | 384.4 | 384.8 | 385.2 | 385.6 | 386.0 | 386.0 | 385.7 | 385.4 |
| 115° | 445.8 | 445.6 | 445.4 | 445.1 | 445.4 | 445.6 | 445.8 | 446.1 | 446.3 | 446.5 | 446.7 |
| 117.5° | 507.2 | 506.2 | 505.3 | 504.4 | 505.3 | 506.2 | 507.2 | 508.1 | 508.5 | 508.3 | 508.1 |
| 120° | 548.2 | 547.2 | 546.3 | 545.4 | 546.3 | 547.2 | 548.2 | 549.1 | 549.5 | 549.5 | 549.5 |
| 122.5° | 588.5 | 587.7 | 587.0 | 586.3 | 587.0 | 587.7 | 588.5 | 589.3 | 589.7 | 589.9 | 590.1 |
| 125° | 648.4 | 648.1 | 647.9 | 647.7 | 647.9 | 648.1 | 648.4 | 648.6 | 648.9 | 649.4 | 649.8 |
| 127.5° | 708.0 | 707.6 | 707.1 | 706.7 | 707.1 | 707.6 | 708.0 | 708.5 | 708.8 | 709.0 | 709.2 |
| 130° | 747.3 | 746.9 | 746.4 | 746.0 | 746.4 | 746.9 | 747.3 | 747.8 | 748.1 | 748.3 | 748.6 |
| 132.5° | 784.7 | 784.1 | 783.5 | 782.7 | 783.5 | 784.1 | 784.7 | 785.4 | 785.8 | 786.0 | 786.2 |
| 135° | 842.8 | 841.9 | 841.0 | 840.1 | 841.0 | 841.9 | 842.8 | 843.7 | 844.1 | 844.1 | 844.1 |
| 137.5° | 899.6 | 898.5 | 897.3 | 896.2 | 897.3 | 898.5 | 899.6 | 900.7 | 901.1 | 900.9 | 900.6 |
| 140° | 935.6 | 934.4 | 933.3 | 932.2 | 933.3 | 934.4 | 935.6 | 936.8 | 937.1 | 936.6 | 936.1 |
| 142.5° | 970.0 | 968.9 | 967.8 | 966.5 | 967.8 | 968.9 | 970.0 | 971.1 | 971.6 | 971.3 | 971.0 |
| 145° | 1020.2 | 1019.5 | 1018.9 | 1018.1 | 1018.9 | 1019.5 | 1020.2 | 1020.9 | 1021.2 | 1021.2 | 1021.2 |
| 147.5° | 1066.8 | 1065.2 | 1063.7 | 1062.2 | 1063.7 | 1065.2 | 1066.8 | 1068.3 | 1068.8 | 1068.2 | 1067.7 |
| 150° | 1096.2 | 1095.8 | 1095.3 | 1094.9 | 1095.3 | 1095.8 | 1096.2 | 1096.7 | 1096.9 | 1096.9 | 1096.9 |
| 152.5° | 1124.4 | 1123.6 | 1122.7 | 1121.9 | 1122.7 | 1123.6 | 1124.4 | 1125.2 | 1125.3 | 1124.8 | 1124.2 |
| 155° | 1163.8 | 1162.7 | 1161.5 | 1160.3 | 1161.5 | 1162.7 | 1163.8 | 1164.9 | 1165.1 | 1164.2 | 1163.3 |
| 157.5° | 1197.0 | 1195.5 | 1194.0 | 1192.5 | 1194.0 | 1195.5 | 1197.0 | 1198.5 | 1198.8 | 1197.9 | 1197.0 |
| 160° | 1218.0 | 1216.9 | 1215.8 | 1214.6 | 1215.8 | 1216.9 | 1218.0 | 1219.1 | 1219.3 | 1218.4 | 1217.5 |
| 162.5° | 1237.4 | 1236.1 | 1234.8 | 1233.4 | 1234.8 | 1236.1 | 1237.4 | 1238.7 | 1238.8 | 1237.7 | 1236.7 |
| 165° | 1262.7 | 1261.3 | 1260.0 | 1258.6 | 1260.0 | 1261.3 | 1262.7 | 1264.0 | 1264.3 | 1263.3 | 1262.4 |
| 167.5° | 1282.9 | 1281.5 | 1280.1 | 1278.7 | 1280.1 | 1281.5 | 1282.9 | 1284.3 | 1284.3 | 1282.9 | 1281.6 |
| 170° | 1294.0 | 1292.5 | 1290.9 | 1289.3 | 1290.9 | 1292.5 | 1294.0 | 1295.7 | 1295.8 | 1294.4 | 1293.0 |
| 172.5° | 1302.5 | 1301.1 | 1299.7 | 1298.3 | 1299.7 | 1301.1 | 1302.5 | 1303.9 | 1303.9 | 1302.6 | 1301.2 |
| 175° | 1311.5 | 1309.9 | 1308.3 | 1306.7 | 1308.3 | 1309.9 | 1311.5 | 1313.0 | 1313.2 | 1311.8 | 1310.4 |
| 177.5° | 1315.5 | 1314.1 | 1312.9 | 1311.6 | 1312.9 | 1314.1 | 1315.5 | 1316.7 | 1316.8 | 1315.8 | 1314.6 |
| 180° | 1314.8 | 1314.8 | 1314.8 | 1314.8 | 1314.8 | 1314.8 | 1314.8 | 1314.8 | 1314.8 | 1314.8 | 1314.8 |



TEST NUMBER: P333689-840

CATALOG NUMBER: S125RDIW-S850D1050U840-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1277.4 | 1277.4 | 1277.4 | 1277.4 | 1277.4 | 1277.4 | 1277.4 | 1277.4 | 1277.4 | 1277.4 | 1277.4 |
| 2.5° | 1224.6 | 1229.1 | 1231.6 | 1237.5 | 1245.9 | 1250.1 | 1256.0 | 1260.2 | 1266.1 | 1273.1 | 1279.1 |
| 5° | 1145.2 | 1157.8 | 1166.2 | 1179.3 | 1191.3 | 1203.5 | 1218.6 | 1229.6 | 1244.4 | 1261.1 | 1274.2 |
| 7.5° | 1071.6 | 1087.3 | 1101.3 | 1118.6 | 1138.5 | 1154.1 | 1173.9 | 1194.1 | 1217.1 | 1240.9 | 1263.3 |
| 10° | 1024.6 | 1040.4 | 1057.6 | 1079.1 | 1099.0 | 1120.0 | 1143.7 | 1167.2 | 1196.1 | 1222.8 | 1253.2 |
| 12.5° | 978.1 | 995.4 | 1014.9 | 1038.8 | 1063.0 | 1089.8 | 1113.9 | 1140.4 | 1171.3 | 1206.1 | 1238.6 |
| 15° | 920.3 | 937.1 | 958.1 | 978.5 | 1006.2 | 1035.6 | 1067.6 | 1102.8 | 1137.4 | 1176.2 | 1216.6 |
| 17.5° | 858.3 | 876.8 | 899.8 | 923.5 | 952.8 | 987.1 | 1018.5 | 1057.0 | 1095.9 | 1141.1 | 1188.6 |
| 20° | 818.0 | 836.9 | 864.1 | 890.4 | 917.2 | 950.7 | 988.0 | 1027.2 | 1068.6 | 1116.4 | 1169.3 |
| 22.5° | 786.2 | 799.6 | 826.4 | 853.0 | 884.4 | 918.8 | 955.2 | 996.2 | 1041.4 | 1090.8 | 1146.3 |
| 25° | 738.8 | 754.6 | 774.0 | 801.7 | 834.2 | 870.5 | 907.2 | 950.7 | 1000.0 | 1050.4 | 1109.5 |
| 27.5° | 696.8 | 709.7 | 728.9 | 750.7 | 783.0 | 820.6 | 859.7 | 905.0 | 955.6 | 1006.9 | 1069.1 |
| 30° | 667.0 | 681.2 | 699.5 | 722.6 | 748.3 | 789.2 | 829.0 | 873.6 | 925.0 | 978.0 | 1041.9 |
| 32.5° | 641.0 | 655.6 | 671.4 | 693.2 | 721.0 | 757.3 | 798.4 | 842.1 | 894.3 | 949.0 | 1011.3 |
| 35° | 604.6 | 614.6 | 629.2 | 650.8 | 678.0 | 707.4 | 749.3 | 795.5 | 846.4 | 902.9 | 965.3 |
| 37.5° | 562.9 | 575.7 | 590.4 | 609.0 | 632.9 | 664.7 | 703.7 | 750.3 | 797.6 | 851.8 | 908.8 |
| 40° | 538.6 | 550.6 | 566.8 | 580.5 | 605.6 | 634.5 | 670.1 | 718.9 | 766.1 | 817.0 | 868.9 |
| 42.5° | 513.8 | 525.4 | 539.2 | 556.1 | 578.8 | 606.8 | 640.0 | 685.4 | 735.9 | 783.9 | 827.4 |
| 45° | 475.0 | 487.2 | 500.3 | 515.9 | 536.9 | 564.2 | 597.2 | 638.6 | 682.8 | 726.8 | 759.8 |
| 47.5° | 438.1 | 449.4 | 461.8 | 477.9 | 497.3 | 523.5 | 553.1 | 589.7 | 632.5 | 669.9 | 693.6 |
| 50° | 411.6 | 422.1 | 435.8 | 451.5 | 470.4 | 495.0 | 523.3 | 559.5 | 595.1 | 629.2 | 650.8 |
| 52.5° | 385.7 | 397.4 | 411.0 | 424.6 | 442.7 | 467.4 | 493.5 | 524.7 | 558.7 | 586.4 | 604.2 |
| 55° | 346.6 | 357.6 | 370.2 | 384.4 | 402.2 | 423.1 | 451.0 | 475.6 | 502.3 | 525.9 | 536.4 |
| 57.5° | 308.9 | 318.6 | 330.4 | 345.2 | 361.2 | 380.7 | 402.7 | 426.5 | 445.2 | 462.0 | 473.8 |
| 60° | 284.2 | 292.6 | 303.6 | 316.2 | 333.5 | 351.3 | 371.2 | 393.2 | 408.0 | 422.1 | 433.1 |
| 62.5° | 259.0 | 267.0 | 277.6 | 288.9 | 304.2 | 320.7 | 339.8 | 357.6 | 371.9 | 381.4 | 394.2 |
| 65° | 221.3 | 229.1 | 238.0 | 250.1 | 262.2 | 275.8 | 293.2 | 306.2 | 316.2 | 326.7 | 334.6 |
| 67.5° | 186.1 | 192.7 | 201.2 | 210.6 | 220.8 | 233.9 | 247.3 | 258.2 | 265.0 | 271.4 | 280.7 |
| 70° | 163.1 | 168.3 | 175.1 | 182.5 | 193.5 | 206.6 | 217.1 | 225.5 | 230.2 | 236.5 | 248.0 |
| 72.5° | 139.6 | 145.6 | 152.1 | 159.5 | 168.3 | 179.4 | 188.5 | 196.9 | 200.0 | 205.0 | 212.4 |
| 75° | 110.1 | 113.3 | 118.6 | 123.7 | 130.1 | 139.5 | 148.3 | 150.5 | 153.1 | 157.3 | 162.6 |
| 77.5° | 83.3 | 86.1 | 88.2 | 91.7 | 96.6 | 104.2 | 109.0 | 112.1 | 112.7 | 114.3 | 119.5 |
| 80° | 66.0 | 67.7 | 69.8 | 72.4 | 74.4 | 80.8 | 83.4 | 86.5 | 87.6 | 89.2 | 91.8 |
| 82.5° | 48.5 | 50.0 | 51.3 | 53.5 | 56.9 | 59.4 | 62.0 | 65.1 | 65.3 | 66.4 | 67.1 |
| 85° | 28.3 | 28.9 | 27.8 | 28.9 | 29.4 | 30.4 | 33.0 | 35.6 | 35.1 | 34.6 | 36.2 |
| 87.5° | 13.5 | 13.3 | 12.6 | 13.5 | 12.4 | 12.5 | 12.1 | 12.2 | 12.7 | 13.1 | 13.6 |
| 90° | 17.5 | 16.4 | 14.7 | 13.2 | 11.6 | 10.0 | 8.3 | 6.5 | 4.6 | 2.8 | 1.0 |
| 92.5° | 40.8 | 39.3 | 37.4 | 35.3 | 33.4 | 31.5 | 29.9 | 28.6 | 27.3 | 26.1 | 24.7 |
| 95° | 80.4 | 78.8 | 76.5 | 74.2 | 72.0 | 69.7 | 68.4 | 67.9 | 67.5 | 67.0 | 66.6 |
| 97.5° | 126.9 | 125.4 | 122.3 | 119.2 | 116.0 | 112.9 | 111.3 | 111.1 | 110.9 | 110.7 | 110.5 |
| 100° | 158.6 | 156.5 | 153.6 | 150.7 | 147.6 | 144.7 | 143.3 | 143.3 | 143.3 | 143.3 | 143.3 |
| 102.5° | 191.6 | 189.3 | 187.8 | 186.3 | 184.8 | 183.3 | 182.1 | 181.2 | 180.3 | 179.4 | 178.4 |
| 105° | 245.9 | 244.6 | 243.2 | 241.9 | 240.4 | 239.1 | 237.8 | 236.7 | 235.6 | 234.4 | 233.3 |
| 107.5° | 304.4 | 303.7 | 302.7 | 301.6 | 300.5 | 299.5 | 298.4 | 297.3 | 296.2 | 295.0 | 293.9 |
| 110° | 344.5 | 343.9 | 343.2 | 342.4 | 341.7 | 341.1 | 340.2 | 339.0 | 337.9 | 336.8 | 335.6 |



TEST NUMBER: P333689-840

CATALOG NUMBER: S125RDIW-S850D1050U840-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 385.1 | 384.8 | 383.8 | 383.0 | 382.1 | 381.3 | 380.5 | 380.0 | 379.4 | 378.8 | 378.2 |
| 115° | 447.0 | 447.2 | 446.7 | 446.3 | 445.8 | 445.4 | 444.6 | 443.7 | 442.8 | 441.9 | 441.0 |
| 117.5° | 508.0 | 507.8 | 507.4 | 507.0 | 506.5 | 506.1 | 505.7 | 505.2 | 504.8 | 504.4 | 504.0 |
| 120° | 549.5 | 549.5 | 549.3 | 549.1 | 548.8 | 548.6 | 547.9 | 546.7 | 545.6 | 544.5 | 543.3 |
| 122.5° | 590.3 | 590.5 | 589.9 | 589.3 | 588.7 | 588.0 | 587.5 | 587.1 | 586.7 | 586.3 | 585.9 |
| 125° | 650.4 | 650.8 | 650.6 | 650.4 | 650.2 | 649.8 | 649.0 | 647.7 | 646.3 | 645.0 | 643.6 |
| 127.5° | 709.5 | 709.7 | 709.4 | 709.2 | 708.9 | 708.6 | 708.1 | 707.3 | 706.6 | 705.8 | 705.0 |
| 130° | 748.8 | 749.0 | 748.6 | 748.1 | 747.7 | 747.2 | 746.4 | 745.3 | 744.2 | 743.0 | 741.8 |
| 132.5° | 786.5 | 786.7 | 786.8 | 786.9 | 787.0 | 787.1 | 786.2 | 784.3 | 782.4 | 780.5 | 778.7 |
| 135° | 844.1 | 844.1 | 843.9 | 843.7 | 843.5 | 843.2 | 842.5 | 841.1 | 839.7 | 838.4 | 837.0 |
| 137.5° | 900.3 | 900.1 | 899.6 | 899.1 | 898.6 | 898.1 | 897.2 | 895.9 | 894.5 | 893.2 | 891.9 |
| 140° | 935.7 | 935.2 | 934.5 | 933.9 | 933.2 | 932.5 | 931.6 | 930.5 | 929.4 | 928.2 | 927.1 |
| 142.5° | 970.7 | 970.5 | 969.6 | 968.8 | 967.9 | 967.0 | 966.1 | 965.1 | 964.2 | 963.2 | 962.3 |
| 145° | 1021.2 | 1021.2 | 1020.6 | 1019.9 | 1019.2 | 1018.4 | 1017.6 | 1016.7 | 1015.8 | 1014.9 | 1014.0 |
| 147.5° | 1067.2 | 1066.6 | 1066.1 | 1065.5 | 1065.0 | 1064.5 | 1063.9 | 1063.4 | 1063.0 | 1062.5 | 1062.0 |
| 150° | 1096.9 | 1096.9 | 1096.0 | 1095.1 | 1094.2 | 1093.3 | 1093.0 | 1093.2 | 1093.4 | 1093.7 | 1093.9 |
| 152.5° | 1123.7 | 1123.2 | 1122.8 | 1122.4 | 1122.1 | 1121.7 | 1121.4 | 1121.1 | 1120.6 | 1120.3 | 1120.0 |
| 155° | 1162.4 | 1161.4 | 1161.1 | 1160.9 | 1160.7 | 1160.4 | 1160.3 | 1160.3 | 1160.3 | 1160.3 | 1160.3 |
| 157.5° | 1196.1 | 1195.2 | 1195.0 | 1194.7 | 1194.5 | 1194.3 | 1194.4 | 1194.9 | 1195.4 | 1195.9 | 1196.4 |
| 160° | 1216.6 | 1215.7 | 1215.4 | 1215.2 | 1215.0 | 1214.8 | 1215.0 | 1215.7 | 1216.3 | 1217.0 | 1217.7 |
| 162.5° | 1235.6 | 1234.5 | 1234.5 | 1234.4 | 1234.4 | 1234.3 | 1234.5 | 1235.0 | 1235.5 | 1236.0 | 1236.5 |
| 165° | 1261.5 | 1260.6 | 1260.4 | 1260.2 | 1260.0 | 1259.7 | 1259.8 | 1260.3 | 1260.7 | 1261.2 | 1261.7 |
| 167.5° | 1280.2 | 1278.9 | 1278.9 | 1278.9 | 1278.9 | 1278.9 | 1279.3 | 1280.2 | 1281.1 | 1282.0 | 1282.9 |
| 170° | 1291.7 | 1290.3 | 1290.3 | 1290.3 | 1290.3 | 1290.3 | 1290.8 | 1291.7 | 1292.6 | 1293.5 | 1294.4 |
| 172.5° | 1299.9 | 1298.5 | 1298.5 | 1298.5 | 1298.5 | 1298.5 | 1299.0 | 1299.9 | 1300.8 | 1301.7 | 1302.6 |
| 175° | 1309.1 | 1307.7 | 1307.7 | 1307.7 | 1307.7 | 1307.7 | 1308.2 | 1309.1 | 1310.0 | 1310.9 | 1311.8 |
| 177.5° | 1313.5 | 1312.4 | 1312.6 | 1312.8 | 1312.9 | 1313.1 | 1313.6 | 1314.3 | 1315.0 | 1315.8 | 1316.6 |
| 180° | 1314.8 | 1314.8 | 1314.8 | 1314.8 | 1314.8 | 1314.8 | 1314.8 | 1314.8 | 1314.8 | 1314.8 | 1314.8 |



TEST NUMBER: P333689-840

CATALOG NUMBER: S125RDIW-S850D1050U840-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1277.4 | 1277.4 | 1277.4 | 1277.4 | 1277.4 | 1277.4 | 1277.4 | 1277.4 | 1277.4 | 1277.4 | 1277.4 |
| 2.5° | 1283.6 | 1287.5 | 1292.9 | 1299.2 | 1304.2 | 1309.7 | 1312.6 | 1312.6 | 1315.1 | 1320.6 | 1327.7 |
| 5° | 1287.4 | 1301.0 | 1314.0 | 1330.9 | 1343.9 | 1359.2 | 1370.7 | 1381.7 | 1391.7 | 1404.2 | 1417.3 |
| 7.5° | 1286.3 | 1308.9 | 1332.5 | 1359.0 | 1388.2 | 1411.3 | 1435.1 | 1453.8 | 1472.2 | 1496.3 | 1515.3 |
| 10° | 1282.1 | 1311.4 | 1343.4 | 1377.0 | 1413.7 | 1445.7 | 1474.5 | 1500.8 | 1525.9 | 1552.2 | 1575.7 |
| 12.5° | 1274.6 | 1311.9 | 1351.0 | 1391.3 | 1437.6 | 1474.2 | 1511.5 | 1539.3 | 1568.7 | 1597.4 | 1626.5 |
| 15° | 1263.2 | 1307.3 | 1354.4 | 1410.6 | 1467.2 | 1508.1 | 1544.8 | 1580.9 | 1608.2 | 1640.7 | 1668.6 |
| 17.5° | 1239.8 | 1296.6 | 1355.9 | 1417.2 | 1471.7 | 1519.2 | 1557.7 | 1592.1 | 1621.1 | 1656.9 | 1694.7 |
| 20° | 1226.0 | 1287.4 | 1349.2 | 1414.7 | 1466.6 | 1515.4 | 1552.7 | 1588.3 | 1624.5 | 1671.1 | 1717.3 |
| 22.5° | 1206.7 | 1272.2 | 1337.9 | 1400.1 | 1454.9 | 1502.0 | 1540.4 | 1584.2 | 1631.6 | 1684.6 | 1740.4 |
| 25° | 1176.2 | 1243.9 | 1308.8 | 1368.1 | 1421.6 | 1469.9 | 1522.3 | 1580.9 | 1638.7 | 1708.4 | 1788.7 |
| 27.5° | 1137.5 | 1202.6 | 1260.7 | 1323.3 | 1376.4 | 1437.8 | 1503.3 | 1566.9 | 1650.1 | 1746.1 | 1846.2 |
| 30° | 1108.5 | 1170.4 | 1225.5 | 1284.8 | 1345.0 | 1412.7 | 1486.1 | 1561.0 | 1660.1 | 1772.9 | 1892.0 |
| 32.5° | 1075.0 | 1130.9 | 1185.6 | 1242.7 | 1312.3 | 1386.6 | 1464.7 | 1556.4 | 1674.9 | 1803.1 | 1926.3 |
| 35° | 1016.7 | 1067.1 | 1120.0 | 1183.5 | 1257.5 | 1338.2 | 1437.8 | 1549.5 | 1692.6 | 1830.6 | 1941.3 |
| 37.5° | 955.7 | 995.4 | 1048.6 | 1115.6 | 1196.1 | 1289.5 | 1402.6 | 1538.3 | 1685.4 | 1809.1 | 1856.1 |
| 40° | 908.8 | 945.9 | 1002.1 | 1072.4 | 1152.1 | 1254.3 | 1381.2 | 1520.7 | 1668.6 | 1754.5 | 1750.9 |
| 42.5° | 862.1 | 899.8 | 953.8 | 1024.5 | 1107.6 | 1222.0 | 1352.7 | 1497.6 | 1622.4 | 1655.2 | 1586.9 |
| 45° | 790.7 | 825.9 | 878.9 | 950.2 | 1039.4 | 1159.4 | 1296.8 | 1435.7 | 1515.4 | 1462.5 | 1327.2 |
| 47.5° | 718.0 | 752.0 | 801.2 | 871.1 | 968.4 | 1094.1 | 1224.0 | 1338.0 | 1349.2 | 1235.5 | 1073.2 |
| 50° | 670.1 | 702.2 | 748.8 | 823.2 | 917.7 | 1040.4 | 1165.7 | 1255.4 | 1227.6 | 1088.6 | 921.3 |
| 52.5° | 623.6 | 654.3 | 698.0 | 768.3 | 864.7 | 985.0 | 1096.9 | 1167.2 | 1103.0 | 955.2 | 804.7 |
| 55° | 554.8 | 584.1 | 628.2 | 692.7 | 780.2 | 890.4 | 988.5 | 1014.1 | 919.8 | 770.8 | 649.1 |
| 57.5° | 489.5 | 511.0 | 554.5 | 611.5 | 695.9 | 793.0 | 863.3 | 858.7 | 754.6 | 620.5 | 533.2 |
| 60° | 446.3 | 465.6 | 507.1 | 559.5 | 639.7 | 726.8 | 776.1 | 755.1 | 649.6 | 539.1 | 455.1 |
| 62.5° | 406.0 | 424.1 | 458.8 | 507.1 | 575.9 | 651.7 | 687.5 | 658.6 | 559.1 | 461.9 | 395.2 |
| 65° | 345.1 | 358.1 | 386.0 | 430.5 | 484.5 | 536.9 | 569.0 | 526.4 | 438.4 | 365.0 | 314.6 |
| 67.5° | 288.1 | 299.4 | 324.2 | 356.2 | 393.3 | 429.6 | 442.5 | 402.7 | 334.3 | 284.8 | 249.3 |
| 70° | 251.2 | 261.7 | 278.4 | 308.3 | 333.0 | 358.7 | 365.0 | 329.3 | 272.2 | 234.4 | 212.4 |
| 72.5° | 215.9 | 225.6 | 240.2 | 261.4 | 278.4 | 293.3 | 296.2 | 263.1 | 219.2 | 193.3 | 176.3 |
| 75° | 164.6 | 173.1 | 182.5 | 190.4 | 201.4 | 204.0 | 202.9 | 177.2 | 153.6 | 136.3 | 126.9 |
| 77.5° | 121.0 | 124.5 | 130.3 | 133.4 | 133.9 | 133.7 | 128.4 | 112.1 | 100.0 | 92.8 | 89.0 |
| 80° | 93.3 | 95.9 | 97.6 | 98.6 | 99.1 | 93.8 | 88.1 | 78.2 | 73.9 | 69.8 | 65.0 |
| 82.5° | 67.8 | 69.6 | 71.1 | 71.3 | 68.5 | 64.1 | 58.8 | 53.8 | 50.9 | 48.8 | 47.0 |
| 85° | 36.7 | 37.3 | 36.7 | 34.1 | 30.4 | 28.9 | 27.8 | 26.8 | 26.3 | 25.7 | 25.7 |
| 87.5° | 13.5 | 12.7 | 10.9 | 11.7 | 12.1 | 12.0 | 12.3 | 12.2 | 12.1 | 12.3 | 12.5 |
| 90° | 2.8 | 4.6 | 6.5 | 8.3 | 10.0 | 11.6 | 13.2 | 14.7 | 16.4 | 17.5 | 18.7 |
| 92.5° | 26.1 | 27.3 | 28.6 | 29.9 | 31.5 | 33.4 | 35.3 | 37.4 | 39.3 | 40.8 | 42.3 |
| 95° | 67.0 | 67.5 | 67.9 | 68.4 | 69.7 | 72.0 | 74.2 | 76.5 | 78.8 | 80.4 | 82.0 |
| 97.5° | 110.7 | 110.9 | 111.1 | 111.3 | 112.9 | 116.0 | 119.2 | 122.3 | 125.4 | 126.9 | 128.5 |
| 100° | 143.3 | 143.3 | 143.3 | 143.3 | 144.7 | 147.6 | 150.7 | 153.6 | 156.5 | 158.6 | 160.7 |
| 102.5° | 179.4 | 180.3 | 181.2 | 182.1 | 183.3 | 184.8 | 186.3 | 187.8 | 189.3 | 191.6 | 193.8 |
| 105° | 234.4 | 235.6 | 236.7 | 237.8 | 239.1 | 240.4 | 241.9 | 243.2 | 244.6 | 245.9 | 247.3 |
| 107.5° | 295.0 | 296.2 | 297.3 | 298.4 | 299.5 | 300.5 | 301.6 | 302.7 | 303.7 | 304.4 | 305.1 |
| 110° | 336.8 | 337.9 | 339.0 | 340.2 | 341.1 | 341.7 | 342.4 | 343.2 | 343.9 | 344.5 | 345.2 |



TEST NUMBER: P333689-840

CATALOG NUMBER: S125RDIW-S850D1050U840-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 378.8 | 379.4 | 380.0 | 380.5 | 381.3 | 382.1 | 383.0 | 383.8 | 384.8 | 385.1 | 385.4 |
| 115° | 441.9 | 442.8 | 443.7 | 444.6 | 445.4 | 445.8 | 446.3 | 446.7 | 447.2 | 447.0 | 446.7 |
| 117.5° | 504.4 | 504.8 | 505.2 | 505.7 | 506.1 | 506.5 | 507.0 | 507.4 | 507.8 | 508.0 | 508.1 |
| 120° | 544.5 | 545.6 | 546.7 | 547.9 | 548.6 | 548.8 | 549.1 | 549.3 | 549.5 | 549.5 | 549.5 |
| 122.5° | 586.3 | 586.7 | 587.1 | 587.5 | 588.0 | 588.7 | 589.3 | 589.9 | 590.5 | 590.3 | 590.1 |
| 125° | 645.0 | 646.3 | 647.7 | 649.0 | 649.8 | 650.2 | 650.4 | 650.6 | 650.8 | 650.4 | 649.8 |
| 127.5° | 705.8 | 706.6 | 707.3 | 708.1 | 708.6 | 708.9 | 709.2 | 709.4 | 709.7 | 709.5 | 709.2 |
| 130° | 743.0 | 744.2 | 745.3 | 746.4 | 747.2 | 747.7 | 748.1 | 748.6 | 749.0 | 748.8 | 748.6 |
| 132.5° | 780.5 | 782.4 | 784.3 | 786.2 | 787.1 | 787.0 | 786.9 | 786.8 | 786.7 | 786.5 | 786.2 |
| 135° | 838.4 | 839.7 | 841.1 | 842.5 | 843.2 | 843.5 | 843.7 | 843.9 | 844.1 | 844.1 | 844.1 |
| 137.5° | 893.2 | 894.5 | 895.9 | 897.2 | 898.1 | 898.6 | 899.1 | 899.6 | 900.1 | 900.3 | 900.6 |
| 140° | 928.2 | 929.4 | 930.5 | 931.6 | 932.5 | 933.2 | 933.9 | 934.5 | 935.2 | 935.7 | 936.1 |
| 142.5° | 963.2 | 964.2 | 965.1 | 966.1 | 967.0 | 967.9 | 968.8 | 969.6 | 970.5 | 970.7 | 971.0 |
| 145° | 1014.9 | 1015.8 | 1016.7 | 1017.6 | 1018.4 | 1019.2 | 1019.9 | 1020.6 | 1021.2 | 1021.2 | 1021.2 |
| 147.5° | 1062.5 | 1063.0 | 1063.4 | 1063.9 | 1064.5 | 1065.0 | 1065.5 | 1066.1 | 1066.6 | 1067.2 | 1067.7 |
| 150° | 1093.7 | 1093.4 | 1093.2 | 1093.0 | 1093.3 | 1094.2 | 1095.1 | 1096.0 | 1096.9 | 1096.9 | 1096.9 |
| 152.5° | 1120.3 | 1120.6 | 1121.1 | 1121.4 | 1121.7 | 1122.1 | 1122.4 | 1122.8 | 1123.2 | 1123.7 | 1124.2 |
| 155° | 1160.3 | 1160.3 | 1160.3 | 1160.3 | 1160.4 | 1160.7 | 1160.9 | 1161.1 | 1161.4 | 1162.4 | 1163.3 |
| 157.5° | 1195.9 | 1195.4 | 1194.9 | 1194.4 | 1194.3 | 1194.5 | 1194.7 | 1195.0 | 1195.2 | 1196.1 | 1197.0 |
| 160° | 1217.0 | 1216.3 | 1215.7 | 1215.0 | 1214.8 | 1215.0 | 1215.2 | 1215.4 | 1215.7 | 1216.6 | 1217.5 |
| 162.5° | 1236.0 | 1235.5 | 1235.0 | 1234.5 | 1234.3 | 1234.4 | 1234.4 | 1234.5 | 1234.5 | 1235.6 | 1236.7 |
| 165° | 1261.2 | 1260.7 | 1260.3 | 1259.8 | 1259.7 | 1260.0 | 1260.2 | 1260.4 | 1260.6 | 1261.5 | 1262.4 |
| 167.5° | 1282.0 | 1281.1 | 1280.2 | 1279.3 | 1278.9 | 1278.9 | 1278.9 | 1278.9 | 1278.9 | 1280.2 | 1281.6 |
| 170° | 1293.5 | 1292.6 | 1291.7 | 1290.8 | 1290.3 | 1290.3 | 1290.3 | 1290.3 | 1290.3 | 1291.7 | 1293.0 |
| 172.5° | 1301.7 | 1300.8 | 1299.9 | 1299.0 | 1298.5 | 1298.5 | 1298.5 | 1298.5 | 1298.5 | 1299.9 | 1301.2 |
| 175° | 1310.9 | 1310.0 | 1309.1 | 1308.2 | 1307.7 | 1307.7 | 1307.7 | 1307.7 | 1307.7 | 1309.1 | 1310.4 |
| 177.5° | 1315.8 | 1315.0 | 1314.3 | 1313.6 | 1313.1 | 1312.9 | 1312.8 | 1312.6 | 1312.4 | 1313.5 | 1314.6 |
| 180° | 1314.8 | 1314.8 | 1314.8 | 1314.8 | 1314.8 | 1314.8 | 1314.8 | 1314.8 | 1314.8 | 1314.8 | 1314.8 |



TEST NUMBER: P333689-840

CATALOG NUMBER: S125RDIW-S850D1050U840-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1277.4 | 1277.4 | 1277.4 | 1277.4 | 1277.4 | 1277.4 | 1277.4 |
| 2.5° | 1333.1 | 1333.1 | 1340.3 | 1339.9 | 1344.5 | 1342.8 | 1343.6 |
| 5° | 1433.1 | 1442.0 | 1449.9 | 1455.1 | 1463.0 | 1465.1 | 1464.0 |
| 7.5° | 1536.7 | 1556.5 | 1566.2 | 1579.4 | 1581.9 | 1588.7 | 1588.0 |
| 10° | 1600.9 | 1620.3 | 1635.0 | 1646.5 | 1652.3 | 1659.6 | 1660.1 |
| 12.5° | 1651.2 | 1667.7 | 1680.7 | 1691.4 | 1698.4 | 1700.7 | 1702.1 |
| 15° | 1690.6 | 1708.9 | 1724.1 | 1739.3 | 1748.3 | 1755.0 | 1758.8 |
| 17.5° | 1730.2 | 1758.6 | 1785.3 | 1806.0 | 1818.5 | 1828.9 | 1828.8 |
| 20° | 1760.8 | 1793.3 | 1826.9 | 1850.5 | 1874.6 | 1885.1 | 1886.7 |
| 22.5° | 1793.5 | 1843.3 | 1886.5 | 1923.1 | 1954.8 | 1965.7 | 1969.7 |
| 25° | 1861.5 | 1926.5 | 1993.2 | 2044.6 | 2081.2 | 2102.7 | 2105.9 |
| 27.5° | 1943.6 | 2031.6 | 2101.7 | 2149.1 | 2179.6 | 2195.5 | 2199.0 |
| 30° | 2001.6 | 2082.8 | 2145.8 | 2181.4 | 2195.5 | 2197.7 | 2189.8 |
| 32.5° | 2027.5 | 2088.3 | 2113.4 | 2111.3 | 2083.6 | 2065.1 | 2058.0 |
| 35° | 1995.8 | 1983.2 | 1921.8 | 1848.5 | 1792.3 | 1756.7 | 1747.2 |
| 37.5° | 1816.2 | 1707.7 | 1594.8 | 1483.9 | 1424.8 | 1394.8 | 1343.2 |
| 40° | 1639.2 | 1484.5 | 1367.1 | 1273.7 | 1207.1 | 1153.6 | 1141.0 |
| 42.5° | 1439.5 | 1279.8 | 1162.4 | 1082.4 | 1029.3 | 992.5 | 976.5 |
| 45° | 1156.8 | 1019.4 | 922.4 | 861.0 | 820.1 | 793.3 | 781.3 |
| 47.5° | 925.2 | 818.9 | 748.2 | 702.8 | 671.7 | 648.3 | 641.9 |
| 50° | 798.1 | 713.2 | 653.4 | 615.1 | 591.5 | 573.7 | 566.3 |
| 52.5° | 693.2 | 624.6 | 578.7 | 547.1 | 524.8 | 513.7 | 507.6 |
| 55° | 572.1 | 512.8 | 479.8 | 454.6 | 442.0 | 433.1 | 428.9 |
| 57.5° | 467.9 | 425.1 | 400.9 | 383.5 | 371.9 | 366.2 | 364.2 |
| 60° | 409.5 | 376.0 | 354.0 | 340.3 | 332.4 | 325.1 | 323.1 |
| 62.5° | 357.9 | 331.5 | 314.5 | 302.6 | 294.7 | 291.5 | 290.3 |
| 65° | 288.4 | 271.1 | 258.5 | 251.2 | 244.9 | 243.9 | 243.3 |
| 67.5° | 229.2 | 219.0 | 212.5 | 204.8 | 202.6 | 198.9 | 198.2 |
| 70° | 196.1 | 189.2 | 181.5 | 178.8 | 176.2 | 172.5 | 173.1 |
| 72.5° | 166.3 | 159.6 | 154.2 | 150.7 | 149.8 | 148.1 | 149.6 |
| 75° | 121.7 | 119.6 | 117.4 | 114.8 | 113.8 | 113.8 | 113.3 |
| 77.5° | 86.8 | 85.0 | 82.7 | 81.2 | 80.9 | 78.7 | 79.5 |
| 80° | 62.9 | 60.3 | 59.3 | 59.8 | 58.2 | 57.7 | 57.7 |
| 82.5° | 46.6 | 45.6 | 44.5 | 44.6 | 44.3 | 43.8 | 44.2 |
| 85° | 25.7 | 25.1 | 25.1 | 24.6 | 24.6 | 24.1 | 24.1 |
| 87.5° | 13.2 | 13.8 | 13.1 | 12.9 | 13.0 | 13.6 | 14.1 |
| 90° | 19.8 | 20.9 | 21.8 | 22.5 | 23.2 | 23.8 | 24.5 |
| 92.5° | 43.8 | 45.3 | 46.3 | 46.8 | 47.3 | 47.8 | 48.3 |
| 95° | 83.5 | 85.1 | 86.1 | 86.6 | 87.1 | 87.6 | 88.0 |
| 97.5° | 130.0 | 131.5 | 132.3 | 132.6 | 132.9 | 133.2 | 133.4 |
| 100° | 162.7 | 164.7 | 166.0 | 166.4 | 166.9 | 167.3 | 167.8 |
| 102.5° | 196.0 | 198.2 | 199.7 | 200.3 | 201.0 | 201.6 | 202.2 |
| 105° | 248.6 | 250.0 | 251.1 | 251.8 | 252.4 | 253.1 | 253.8 |
| 107.5° | 305.8 | 306.4 | 306.8 | 306.7 | 306.7 | 306.6 | 306.6 |
| 110° | 345.9 | 346.6 | 346.8 | 346.6 | 346.3 | 346.1 | 345.9 |



TEST NUMBER: P333689-840

CATALOG NUMBER: S125RDIW-S850D1050U840-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 385.7 | 386.0 | 386.0 | 385.6 | 385.2 | 384.8 | 384.4 |
| 115° | 446.5 | 446.3 | 446.1 | 445.8 | 445.6 | 445.4 | 445.1 |
| 117.5° | 508.3 | 508.5 | 508.1 | 507.2 | 506.2 | 505.3 | 504.4 |
| 120° | 549.5 | 549.5 | 549.1 | 548.2 | 547.2 | 546.3 | 545.4 |
| 122.5° | 589.9 | 589.7 | 589.3 | 588.5 | 587.7 | 587.0 | 586.3 |
| 125° | 649.4 | 648.9 | 648.6 | 648.4 | 648.1 | 647.9 | 647.7 |
| 127.5° | 709.0 | 708.8 | 708.5 | 708.0 | 707.6 | 707.1 | 706.7 |
| 130° | 748.3 | 748.1 | 747.8 | 747.3 | 746.9 | 746.4 | 746.0 |
| 132.5° | 786.0 | 785.8 | 785.4 | 784.7 | 784.1 | 783.5 | 782.7 |
| 135° | 844.1 | 844.1 | 843.7 | 842.8 | 841.9 | 841.0 | 840.1 |
| 137.5° | 900.9 | 901.1 | 900.7 | 899.6 | 898.5 | 897.3 | 896.2 |
| 140° | 936.6 | 937.1 | 936.8 | 935.6 | 934.4 | 933.3 | 932.2 |
| 142.5° | 971.3 | 971.6 | 971.1 | 970.0 | 968.9 | 967.8 | 966.5 |
| 145° | 1021.2 | 1021.2 | 1020.9 | 1020.2 | 1019.5 | 1018.9 | 1018.1 |
| 147.5° | 1068.2 | 1068.8 | 1068.3 | 1066.8 | 1065.2 | 1063.7 | 1062.2 |
| 150° | 1096.9 | 1096.9 | 1096.7 | 1096.2 | 1095.8 | 1095.3 | 1094.9 |
| 152.5° | 1124.8 | 1125.3 | 1125.2 | 1124.4 | 1123.6 | 1122.7 | 1121.9 |
| 155° | 1164.2 | 1165.1 | 1164.9 | 1163.8 | 1162.7 | 1161.5 | 1160.3 |
| 157.5° | 1197.9 | 1198.8 | 1198.5 | 1197.0 | 1195.5 | 1194.0 | 1192.5 |
| 160° | 1218.4 | 1219.3 | 1219.1 | 1218.0 | 1216.9 | 1215.8 | 1214.6 |
| 162.5° | 1237.7 | 1238.8 | 1238.7 | 1237.4 | 1236.1 | 1234.8 | 1233.4 |
| 165° | 1263.3 | 1264.3 | 1264.0 | 1262.7 | 1261.3 | 1260.0 | 1258.6 |
| 167.5° | 1282.9 | 1284.3 | 1284.3 | 1282.9 | 1281.5 | 1280.1 | 1278.7 |
| 170° | 1294.4 | 1295.8 | 1295.7 | 1294.0 | 1292.5 | 1290.9 | 1289.3 |
| 172.5° | 1302.6 | 1303.9 | 1303.9 | 1302.5 | 1301.1 | 1299.7 | 1298.3 |
| 175° | 1311.8 | 1313.2 | 1313.0 | 1311.5 | 1309.9 | 1308.3 | 1306.7 |
| 177.5° | 1315.8 | 1316.8 | 1316.7 | 1315.5 | 1314.1 | 1312.9 | 1311.6 |
| 180° | 1314.8 | 1314.8 | 1314.8 | 1314.8 | 1314.8 | 1314.8 | 1314.8 |

(END OF REPORT)