

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: P333215-840

Luminaire Tested: **S125DIP-S850D590U840-4F0-1E-UDD-A1**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P333215-840
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: S125DIP-S850D590U840-4F0-1E-UDD-A1
Description: DEFINE 5 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 850 LUMENS PER FOOT, ASYMMETRIC DIFFUSER
UPLIGHT 590 LUMENS PER FOOT, FLUSH SATIN WHITE DIFFUSER
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5553.5 lumens
Efficiency: N/A
Efficacy: 137.8 lumens/watt
Spacing Criteria (0/90/45): 1.43 / 1.23 / 1.52
Luminous Opening: Rectangular (W 4' x L: 0.42' x H: 0')
CIE Type: Semi-Direct

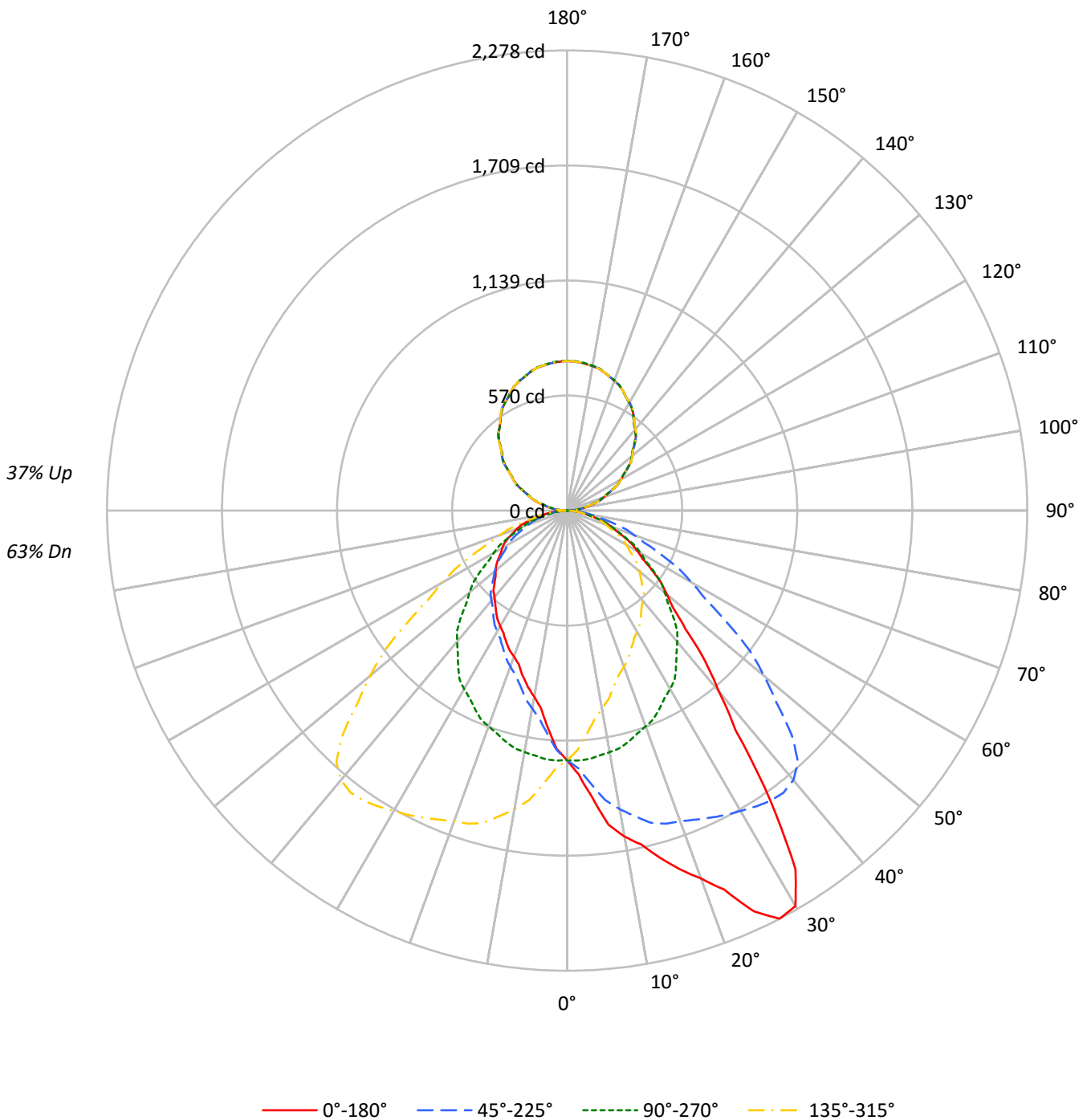
Input Watts (W): 40.3
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P333215-840

CATALOG NUMBER: S125DIP-S850D590U840-4F0-1E-UDD-A1

Luminous Intensity Polar Plot





TEST NUMBER: P333215-840

CATALOG NUMBER: S125DIP-S850D590U840-4F0-1E-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 | 110 | 110 | 110 | 110 | 103 | 103 | 103 | 103 | 90 | 90 | 90 | 79 | 79 | 79 | 68 | 68 | 68 | 63 |
| 1 | 101 | 97 | 93 | 89 | 95 | 91 | 87 | 84 | 80 | 77 | 75 | 70 | 68 | 66 | 60 | 59 | 58 | 53 |
| 2 | 92 | 85 | 79 | 73 | 86 | 80 | 74 | 70 | 70 | 66 | 63 | 62 | 58 | 56 | 54 | 51 | 49 | 45 |
| 3 | 84 | 75 | 67 | 61 | 79 | 70 | 64 | 59 | 62 | 57 | 53 | 55 | 51 | 47 | 48 | 45 | 42 | 39 |
| 4 | 77 | 66 | 58 | 52 | 72 | 63 | 55 | 50 | 55 | 50 | 45 | 49 | 44 | 41 | 43 | 39 | 36 | 33 |
| 5 | 71 | 59 | 51 | 45 | 66 | 56 | 49 | 43 | 50 | 44 | 39 | 44 | 39 | 36 | 39 | 35 | 32 | 29 |
| 6 | 65 | 53 | 45 | 39 | 61 | 50 | 43 | 38 | 45 | 39 | 34 | 40 | 35 | 31 | 35 | 31 | 28 | 25 |
| 7 | 61 | 48 | 40 | 34 | 57 | 46 | 38 | 33 | 41 | 35 | 30 | 36 | 31 | 28 | 32 | 28 | 25 | 23 |
| 8 | 56 | 44 | 36 | 31 | 53 | 42 | 34 | 29 | 37 | 31 | 27 | 33 | 28 | 25 | 29 | 25 | 22 | 20 |
| 9 | 52 | 40 | 32 | 27 | 49 | 38 | 31 | 26 | 34 | 28 | 24 | 31 | 26 | 22 | 27 | 23 | 20 | 18 |
| 10 | 49 | 37 | 29 | 25 | 46 | 35 | 28 | 24 | 31 | 26 | 22 | 28 | 23 | 20 | 25 | 21 | 18 | 16 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|------|------|------|
| 0° | 7979 | 7979 | 7979 | 7979 |
| 5° | 9240 | 8006 | 7010 | 8006 |
| 10° | 10750 | 7965 | 6142 | 7965 |
| 15° | 11900 | 7906 | 5666 | 7906 |
| 20° | 13320 | 7813 | 5283 | 7813 |
| 25° | 15605 | 7709 | 5097 | 7709 |
| 30° | 16855 | 7607 | 4935 | 7607 |
| 35° | 13858 | 7413 | 4829 | 7413 |
| 40° | 9850 | 7144 | 4713 | 7144 |
| 45° | 7567 | 6783 | 4646 | 6783 |
| 50° | 6459 | 6333 | 4636 | 6333 |
| 55° | 5751 | 5892 | 4677 | 5892 |
| 60° | 5187 | 5412 | 4795 | 5412 |
| 65° | 4792 | 4927 | 4919 | 4927 |
| 70° | 4358 | 4426 | 4991 | 4426 |
| 75° | 3848 | 3898 | 4946 | 3898 |
| 80° | 3239 | 3176 | 4526 | 3176 |
| 85° | 2564 | 2290 | 3653 | 2290 |



TEST NUMBER: P333215-840

CATALOG NUMBER: S125DIP-S850D590U840-4F0-1E-UDD-A1

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 118.9 | 2.1 |
| 10°-20° | 354.1 | 6.4 |
| 20°-30° | 575.0 | 10.4 |
| 30°-40° | 701.4 | 12.6 |
| 40°-50° | 638.1 | 11.5 |
| 50°-60° | 508.2 | 9.2 |
| 60°-70° | 354.0 | 6.4 |
| 70°-80° | 188.8 | 3.4 |
| 80°-90° | 49.3 | 0.9 |
| 90°-100° | 49.6 | 0.9 |
| 100°-110° | 146.4 | 2.6 |
| 110°-120° | 248.0 | 4.5 |
| 120°-130° | 326.4 | 5.9 |
| 130°-140° | 365.7 | 6.6 |
| 140°-150° | 358.4 | 6.5 |
| 150°-160° | 301.1 | 5.4 |
| 160°-170° | 200.1 | 3.6 |
| 170°-180° | 70.0 | 1.3 |
| 0°-30° | 1048.1 | 18.9 |
| 0°-40° | 1749.5 | 31.5 |
| 0°-60° | 2895.8 | 52.1 |
| 0°-90° | 3487.8 | 62.8 |
| 90°-120° | 444.0 | 8.0 |
| 90°-150° | 1494.5 | 26.9 |
| 90°-180° | 2066.0 | 37.2 |
| 0°-180° | 5553.5 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 1236 | 1236 | 1236 | 1236 | 1236 | |
| 5° | 1425 | 1235 | 1081 | 1235 | 1425 | 144 |
| 15° | 1780 | 1182 | 847 | 1182 | 1780 | 509 |
| 25° | 2190 | 1082 | 715 | 1082 | 2190 | 1000 |
| 35° | 1758 | 940 | 612 | 940 | 1758 | 1076 |
| 45° | 828 | 743 | 509 | 743 | 828 | 663 |
| 55° | 511 | 523 | 415 | 523 | 511 | 460 |
| 65° | 314 | 322 | 322 | 322 | 314 | 311 |
| 75° | 154 | 156 | 198 | 156 | 154 | 166 |
| 85° | 35 | 31 | 49 | 31 | 35 | 40 |
| 90° | 14 | 1 | 14 | 1 | 14 | 9 |
| 95° | 50 | 38 | 50 | 38 | 50 | 50 |
| 105° | 143 | 131 | 143 | 131 | 143 | 151 |
| 115° | 251 | 248 | 251 | 248 | 251 | 248 |
| 125° | 365 | 362 | 365 | 362 | 365 | 326 |
| 135° | 473 | 471 | 473 | 471 | 473 | 365 |
| 145° | 573 | 571 | 573 | 571 | 573 | 358 |
| 155° | 653 | 653 | 653 | 653 | 653 | 301 |
| 165° | 709 | 710 | 709 | 710 | 709 | 200 |
| 175° | 736 | 738 | 736 | 738 | 736 | 70 |
| 180° | 740 | 740 | 740 | 740 | 740 | |



TEST NUMBER: P333215-840

CATALOG NUMBER: S125DIP-S850D590U840-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1235.5 | 1235.5 | 1235.5 | 1235.5 | 1235.5 | 1235.5 | 1235.5 | 1235.5 | 1235.5 | 1235.5 | 1235.5 |
| 2.5° | 1306.8 | 1305.0 | 1303.4 | 1300.0 | 1302.5 | 1295.5 | 1292.0 | 1286.2 | 1279.1 | 1276.6 | 1273.6 |
| 5° | 1425.2 | 1427.8 | 1430.5 | 1419.5 | 1420.6 | 1413.2 | 1396.4 | 1382.8 | 1371.8 | 1357.7 | 1347.7 |
| 7.5° | 1567.9 | 1561.7 | 1561.2 | 1554.1 | 1541.8 | 1532.0 | 1514.3 | 1491.9 | 1470.2 | 1445.4 | 1424.9 |
| 10° | 1639.2 | 1639.7 | 1635.0 | 1626.6 | 1613.6 | 1604.1 | 1581.0 | 1558.9 | 1532.3 | 1500.8 | 1478.2 |
| 12.5° | 1692.9 | 1695.1 | 1689.1 | 1677.8 | 1671.4 | 1650.2 | 1632.1 | 1606.0 | 1574.2 | 1549.0 | 1514.7 |
| 15° | 1779.8 | 1773.9 | 1769.8 | 1755.7 | 1744.6 | 1722.6 | 1693.7 | 1666.5 | 1631.8 | 1599.8 | 1567.9 |
| 17.5° | 1863.4 | 1868.0 | 1860.2 | 1847.2 | 1813.1 | 1787.4 | 1748.7 | 1711.3 | 1668.3 | 1625.4 | 1587.2 |
| 20° | 1938.1 | 1942.3 | 1930.3 | 1907.7 | 1866.8 | 1841.1 | 1790.2 | 1742.0 | 1692.1 | 1637.1 | 1595.2 |
| 22.5° | 2031.2 | 2027.9 | 2011.7 | 1977.3 | 1941.9 | 1894.4 | 1839.3 | 1780.6 | 1718.2 | 1656.0 | 1600.2 |
| 25° | 2189.8 | 2167.8 | 2157.8 | 2115.4 | 2068.7 | 1998.9 | 1923.4 | 1837.4 | 1759.8 | 1677.5 | 1606.2 |
| 27.5° | 2277.6 | 2270.8 | 2259.7 | 2230.1 | 2181.0 | 2106.5 | 2017.4 | 1912.6 | 1803.1 | 1699.2 | 1605.9 |
| 30° | 2260.1 | 2261.1 | 2262.2 | 2252.7 | 2221.3 | 2165.2 | 2076.6 | 1963.8 | 1833.7 | 1716.8 | 1608.8 |
| 32.5° | 2104.1 | 2123.1 | 2141.3 | 2162.9 | 2171.7 | 2161.0 | 2105.5 | 2003.7 | 1869.9 | 1737.0 | 1607.1 |
| 35° | 1757.7 | 1763.5 | 1822.7 | 1881.5 | 1961.2 | 2023.1 | 2064.5 | 2019.4 | 1906.6 | 1754.0 | 1605.1 |
| 37.5° | 1370.5 | 1398.9 | 1439.9 | 1506.2 | 1621.2 | 1724.2 | 1856.7 | 1917.6 | 1881.3 | 1759.6 | 1601.4 |
| 40° | 1168.3 | 1194.6 | 1221.2 | 1288.9 | 1385.9 | 1510.8 | 1661.2 | 1789.7 | 1819.6 | 1742.0 | 1588.8 |
| 42.5° | 1012.3 | 1033.0 | 1062.7 | 1113.6 | 1194.7 | 1305.1 | 1449.0 | 1616.9 | 1720.2 | 1690.8 | 1562.5 |
| 45° | 828.5 | 841.6 | 864.7 | 905.0 | 963.8 | 1050.4 | 1177.2 | 1360.8 | 1520.7 | 1573.7 | 1499.8 |
| 47.5° | 709.1 | 709.0 | 727.0 | 754.9 | 797.3 | 870.8 | 964.6 | 1108.4 | 1279.3 | 1405.6 | 1399.8 |
| 50° | 642.9 | 640.3 | 654.4 | 678.5 | 712.1 | 760.8 | 850.5 | 965.3 | 1129.5 | 1272.6 | 1312.5 |
| 52.5° | 585.8 | 586.1 | 594.8 | 612.7 | 640.8 | 682.5 | 749.4 | 852.9 | 993.2 | 1140.1 | 1215.2 |
| 55° | 510.8 | 508.7 | 518.6 | 530.7 | 551.1 | 578.3 | 626.6 | 705.8 | 819.6 | 964.3 | 1061.9 |
| 57.5° | 441.9 | 447.7 | 451.7 | 460.1 | 477.1 | 495.3 | 536.0 | 594.1 | 684.4 | 808.6 | 911.7 |
| 60° | 401.6 | 407.5 | 410.6 | 419.0 | 432.6 | 448.4 | 479.8 | 527.0 | 603.0 | 710.0 | 812.2 |
| 62.5° | 365.6 | 370.1 | 371.1 | 378.7 | 389.8 | 405.2 | 429.9 | 469.5 | 529.6 | 623.2 | 723.4 |
| 65° | 313.6 | 313.6 | 315.7 | 323.6 | 328.8 | 342.4 | 361.3 | 390.1 | 438.4 | 511.3 | 596.7 |
| 67.5° | 263.5 | 266.0 | 265.4 | 268.9 | 273.8 | 284.3 | 297.8 | 321.6 | 357.4 | 410.6 | 479.0 |
| 70° | 230.8 | 232.8 | 232.3 | 234.9 | 240.1 | 247.0 | 258.0 | 280.5 | 306.2 | 351.8 | 410.6 |
| 72.5° | 201.4 | 202.2 | 200.9 | 204.3 | 207.4 | 213.4 | 225.7 | 237.7 | 261.8 | 300.2 | 348.5 |
| 75° | 154.2 | 155.2 | 156.2 | 158.3 | 161.5 | 164.6 | 171.0 | 183.0 | 198.7 | 227.6 | 258.5 |
| 77.5° | 115.5 | 113.6 | 116.1 | 115.8 | 117.5 | 120.0 | 125.5 | 131.9 | 144.8 | 163.1 | 187.0 |
| 80° | 87.1 | 87.6 | 87.6 | 88.1 | 90.7 | 92.3 | 97.0 | 101.7 | 111.7 | 125.3 | 142.1 |
| 82.5° | 63.5 | 64.9 | 64.1 | 65.0 | 67.3 | 68.4 | 71.0 | 74.8 | 80.7 | 91.4 | 103.5 |
| 85° | 34.6 | 32.0 | 33.0 | 34.1 | 34.1 | 34.6 | 36.7 | 38.3 | 41.4 | 45.6 | 50.3 |
| 87.5° | 12.8 | 13.6 | 13.9 | 13.8 | 14.2 | 14.1 | 15.7 | 15.6 | 16.7 | 17.8 | 19.3 |
| 90° | 13.8 | 13.4 | 13.0 | 12.7 | 12.3 | 11.8 | 11.1 | 10.5 | 9.9 | 9.2 | 8.3 |
| 92.5° | 27.2 | 26.9 | 26.7 | 26.4 | 26.1 | 25.5 | 24.6 | 23.8 | 22.9 | 22.1 | 21.0 |
| 95° | 49.6 | 49.3 | 49.1 | 48.8 | 48.5 | 48.0 | 47.1 | 46.2 | 45.2 | 44.3 | 43.1 |
| 97.5° | 75.1 | 74.9 | 74.8 | 74.6 | 74.5 | 74.0 | 73.2 | 72.3 | 71.5 | 70.6 | 68.9 |
| 100° | 94.5 | 94.2 | 94.0 | 93.7 | 93.4 | 92.7 | 91.6 | 90.5 | 89.3 | 88.2 | 86.4 |
| 102.5° | 113.8 | 113.5 | 113.1 | 112.8 | 112.4 | 111.6 | 110.4 | 109.1 | 107.9 | 106.5 | 105.7 |
| 105° | 142.9 | 142.5 | 142.1 | 141.7 | 141.4 | 140.8 | 140.0 | 139.3 | 138.5 | 137.6 | 136.9 |
| 107.5° | 172.6 | 172.6 | 172.7 | 172.7 | 172.7 | 172.5 | 172.2 | 171.8 | 171.4 | 171.0 | 170.4 |
| 110° | 194.7 | 194.8 | 195.0 | 195.1 | 195.2 | 195.1 | 194.7 | 194.3 | 194.0 | 193.6 | 193.2 |



TEST NUMBER: P333215-840

CATALOG NUMBER: S125DIP-S850D590U840-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 216.4 | 216.6 | 216.8 | 217.1 | 217.3 | 217.3 | 217.1 | 217.0 | 216.8 | 216.6 | 216.1 |
| 115° | 250.6 | 250.7 | 250.9 | 251.0 | 251.2 | 251.3 | 251.4 | 251.5 | 251.7 | 251.8 | 251.5 |
| 117.5° | 284.0 | 284.6 | 285.1 | 285.6 | 286.1 | 286.3 | 286.2 | 286.1 | 286.0 | 285.9 | 285.6 |
| 120° | 307.1 | 307.6 | 308.1 | 308.6 | 309.1 | 309.3 | 309.3 | 309.3 | 309.3 | 309.3 | 309.2 |
| 122.5° | 330.1 | 330.5 | 330.9 | 331.3 | 331.7 | 332.0 | 332.1 | 332.2 | 332.3 | 332.4 | 332.0 |
| 125° | 364.7 | 364.8 | 365.0 | 365.1 | 365.2 | 365.4 | 365.7 | 365.9 | 366.2 | 366.4 | 366.3 |
| 127.5° | 397.9 | 398.1 | 398.4 | 398.6 | 398.9 | 399.1 | 399.2 | 399.3 | 399.5 | 399.6 | 399.4 |
| 130° | 420.0 | 420.2 | 420.5 | 420.7 | 421.0 | 421.2 | 421.3 | 421.4 | 421.6 | 421.7 | 421.4 |
| 132.5° | 440.7 | 441.1 | 441.4 | 441.8 | 442.1 | 442.4 | 442.5 | 442.6 | 442.8 | 442.9 | 442.9 |
| 135° | 473.0 | 473.5 | 474.0 | 474.5 | 475.0 | 475.2 | 475.2 | 475.2 | 475.2 | 475.2 | 475.1 |
| 137.5° | 504.5 | 505.2 | 505.8 | 506.4 | 507.2 | 507.4 | 507.2 | 507.1 | 506.9 | 506.8 | 506.4 |
| 140° | 524.8 | 525.4 | 526.1 | 526.7 | 527.4 | 527.6 | 527.4 | 527.0 | 526.8 | 526.5 | 526.1 |
| 142.5° | 544.2 | 544.8 | 545.4 | 546.1 | 546.7 | 546.9 | 546.8 | 546.6 | 546.5 | 546.3 | 545.9 |
| 145° | 573.2 | 573.6 | 574.0 | 574.4 | 574.7 | 574.9 | 574.9 | 574.9 | 574.9 | 574.9 | 574.6 |
| 147.5° | 598.0 | 598.8 | 599.8 | 600.6 | 601.5 | 601.8 | 601.5 | 601.2 | 600.9 | 600.6 | 600.3 |
| 150° | 616.4 | 616.7 | 616.9 | 617.2 | 617.4 | 617.5 | 617.5 | 617.5 | 617.5 | 617.5 | 617.0 |
| 152.5° | 631.7 | 632.1 | 632.6 | 633.0 | 633.5 | 633.6 | 633.3 | 633.0 | 632.7 | 632.4 | 632.1 |
| 155° | 653.3 | 653.9 | 654.6 | 655.2 | 655.9 | 655.9 | 655.4 | 654.9 | 654.4 | 653.9 | 653.8 |
| 157.5° | 671.4 | 672.3 | 673.1 | 673.9 | 674.8 | 674.9 | 674.4 | 673.9 | 673.4 | 672.9 | 672.8 |
| 160° | 683.9 | 684.5 | 685.1 | 685.8 | 686.4 | 686.4 | 685.9 | 685.4 | 684.9 | 684.4 | 684.3 |
| 162.5° | 694.4 | 695.2 | 695.9 | 696.7 | 697.4 | 697.5 | 696.8 | 696.2 | 695.6 | 695.0 | 695.0 |
| 165° | 708.6 | 709.3 | 710.1 | 710.9 | 711.7 | 711.9 | 711.2 | 710.7 | 710.2 | 709.7 | 709.6 |
| 167.5° | 719.9 | 720.6 | 721.4 | 722.3 | 723.1 | 723.1 | 722.4 | 721.5 | 720.7 | 720.0 | 720.0 |
| 170° | 725.9 | 726.8 | 727.7 | 728.6 | 729.4 | 729.5 | 728.7 | 728.0 | 727.2 | 726.5 | 726.5 |
| 172.5° | 730.9 | 731.7 | 732.6 | 733.4 | 734.2 | 734.2 | 733.4 | 732.7 | 731.8 | 731.0 | 731.0 |
| 175° | 735.7 | 736.6 | 737.5 | 738.4 | 739.2 | 739.3 | 738.5 | 737.8 | 737.0 | 736.3 | 736.3 |
| 177.5° | 738.4 | 739.1 | 739.9 | 740.6 | 741.3 | 741.3 | 740.7 | 740.1 | 739.5 | 738.9 | 739.0 |
| 180° | 740.3 | 740.3 | 740.3 | 740.3 | 740.3 | 740.3 | 740.3 | 740.3 | 740.3 | 740.3 | 740.3 |



TEST NUMBER: P333215-840

CATALOG NUMBER: S125DIP-S850D590U840-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1235.5 | 1235.5 | 1235.5 | 1235.5 | 1235.5 | 1235.5 | 1235.5 | 1235.5 | 1235.5 | 1235.5 | 1235.5 |
| 2.5° | 1271.1 | 1268.2 | 1264.8 | 1258.9 | 1251.8 | 1248.0 | 1242.1 | 1238.4 | 1230.8 | 1224.6 | 1217.8 |
| 5° | 1335.5 | 1321.9 | 1309.4 | 1293.1 | 1275.3 | 1263.7 | 1250.1 | 1234.9 | 1219.2 | 1203.0 | 1185.1 |
| 7.5° | 1402.4 | 1378.3 | 1352.0 | 1323.8 | 1296.3 | 1270.9 | 1246.7 | 1222.8 | 1200.6 | 1173.8 | 1151.0 |
| 10° | 1447.2 | 1416.8 | 1384.3 | 1346.0 | 1308.9 | 1276.4 | 1243.3 | 1214.5 | 1185.1 | 1153.7 | 1125.8 |
| 12.5° | 1492.2 | 1451.7 | 1405.7 | 1363.7 | 1318.9 | 1279.7 | 1240.8 | 1204.0 | 1167.1 | 1132.3 | 1099.8 |
| 15° | 1523.9 | 1488.1 | 1445.7 | 1385.9 | 1335.5 | 1281.6 | 1230.2 | 1182.5 | 1137.9 | 1099.1 | 1058.2 |
| 17.5° | 1544.7 | 1498.7 | 1453.2 | 1395.8 | 1329.8 | 1269.4 | 1211.2 | 1156.6 | 1106.3 | 1057.1 | 1017.7 |
| 20° | 1548.5 | 1501.3 | 1453.6 | 1397.5 | 1329.8 | 1260.6 | 1202.4 | 1136.8 | 1082.9 | 1032.0 | 983.7 |
| 22.5° | 1547.2 | 1493.8 | 1441.8 | 1384.0 | 1318.1 | 1254.4 | 1184.0 | 1117.1 | 1058.5 | 1008.5 | 958.2 |
| 25° | 1535.4 | 1478.2 | 1413.2 | 1355.0 | 1290.0 | 1222.3 | 1151.0 | 1081.8 | 1022.0 | 964.8 | 915.0 |
| 27.5° | 1525.5 | 1451.4 | 1377.8 | 1309.9 | 1247.1 | 1185.1 | 1116.8 | 1045.9 | 979.7 | 921.7 | 874.7 |
| 30° | 1513.4 | 1432.1 | 1349.2 | 1278.4 | 1214.0 | 1153.7 | 1089.1 | 1020.0 | 950.7 | 894.0 | 843.7 |
| 32.5° | 1502.5 | 1407.8 | 1320.3 | 1243.2 | 1174.9 | 1116.3 | 1056.8 | 991.0 | 923.0 | 865.6 | 815.2 |
| 35° | 1481.4 | 1371.8 | 1271.6 | 1184.6 | 1111.7 | 1051.4 | 1001.6 | 940.2 | 877.8 | 822.2 | 774.0 |
| 37.5° | 1454.6 | 1324.5 | 1217.1 | 1125.8 | 1045.9 | 982.4 | 936.0 | 888.9 | 829.0 | 775.5 | 731.8 |
| 40° | 1433.6 | 1291.0 | 1177.2 | 1083.9 | 1001.1 | 934.9 | 892.0 | 847.4 | 797.6 | 747.8 | 701.7 |
| 42.5° | 1407.2 | 1260.8 | 1137.0 | 1036.5 | 954.4 | 890.1 | 845.0 | 807.1 | 763.2 | 716.7 | 673.9 |
| 45° | 1358.7 | 1206.1 | 1071.9 | 963.8 | 880.9 | 817.5 | 770.8 | 742.6 | 709.5 | 665.4 | 629.2 |
| 47.5° | 1287.3 | 1140.3 | 1001.5 | 890.0 | 804.5 | 745.7 | 702.0 | 674.8 | 651.5 | 618.7 | 585.9 |
| 50° | 1223.9 | 1091.3 | 950.7 | 840.0 | 754.6 | 695.3 | 655.0 | 630.3 | 610.4 | 585.2 | 557.4 |
| 52.5° | 1153.0 | 1029.6 | 900.8 | 791.4 | 706.8 | 648.3 | 608.8 | 587.1 | 570.6 | 552.5 | 525.1 |
| 55° | 1040.4 | 935.5 | 816.0 | 712.1 | 634.0 | 576.8 | 542.2 | 523.3 | 509.7 | 496.0 | 479.3 |
| 57.5° | 916.3 | 834.2 | 728.3 | 633.5 | 561.5 | 509.5 | 477.2 | 458.8 | 448.3 | 441.2 | 431.3 |
| 60° | 829.0 | 758.8 | 667.5 | 581.0 | 510.8 | 464.6 | 433.1 | 419.0 | 410.1 | 404.2 | 397.0 |
| 62.5° | 748.1 | 690.4 | 605.8 | 526.8 | 465.4 | 421.8 | 393.7 | 380.0 | 371.4 | 368.6 | 362.5 |
| 65° | 628.7 | 584.2 | 514.4 | 448.9 | 396.5 | 359.2 | 335.6 | 322.4 | 317.2 | 314.1 | 314.7 |
| 67.5° | 511.2 | 484.0 | 428.0 | 372.1 | 330.2 | 299.0 | 280.1 | 270.0 | 267.4 | 263.3 | 263.2 |
| 70° | 439.4 | 419.0 | 371.8 | 323.1 | 285.8 | 261.7 | 244.9 | 234.4 | 231.8 | 229.6 | 229.1 |
| 72.5° | 376.1 | 358.2 | 317.2 | 278.1 | 244.7 | 223.5 | 209.6 | 203.4 | 199.0 | 197.8 | 197.7 |
| 75° | 282.7 | 272.7 | 240.1 | 209.2 | 186.1 | 171.5 | 162.1 | 156.2 | 153.1 | 152.6 | 153.1 |
| 77.5° | 201.0 | 192.3 | 171.6 | 149.7 | 135.1 | 124.0 | 116.0 | 114.0 | 110.5 | 110.6 | 110.0 |
| 80° | 151.0 | 145.2 | 132.2 | 114.8 | 102.8 | 93.3 | 89.2 | 85.4 | 84.4 | 82.8 | 84.4 |
| 82.5° | 109.5 | 103.3 | 94.4 | 83.4 | 73.4 | 67.8 | 63.5 | 62.4 | 61.8 | 61.0 | 61.4 |
| 85° | 54.0 | 54.5 | 49.3 | 40.9 | 36.7 | 33.5 | 30.9 | 30.9 | 30.4 | 29.9 | 30.4 |
| 87.5° | 19.9 | 18.9 | 17.1 | 15.7 | 13.3 | 11.8 | 11.2 | 11.4 | 10.4 | 10.2 | 10.8 |
| 90° | 7.5 | 6.6 | 5.7 | 4.6 | 3.6 | 2.6 | 1.6 | 0.6 | 1.6 | 2.6 | 3.6 |
| 92.5° | 19.9 | 18.8 | 17.7 | 16.8 | 16.1 | 15.3 | 14.6 | 13.9 | 14.6 | 15.3 | 16.1 |
| 95° | 41.8 | 40.5 | 39.3 | 38.5 | 38.2 | 38.0 | 37.7 | 37.5 | 37.7 | 38.0 | 38.2 |
| 97.5° | 67.1 | 65.3 | 63.5 | 62.6 | 62.5 | 62.4 | 62.3 | 62.2 | 62.3 | 62.4 | 62.5 |
| 100° | 84.8 | 83.1 | 81.5 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 |
| 102.5° | 104.9 | 104.0 | 103.2 | 102.5 | 102.0 | 101.5 | 101.0 | 100.5 | 101.0 | 101.5 | 102.0 |
| 105° | 136.1 | 135.4 | 134.6 | 133.9 | 133.3 | 132.6 | 132.0 | 131.4 | 132.0 | 132.6 | 133.3 |
| 107.5° | 169.8 | 169.3 | 168.6 | 168.0 | 167.3 | 166.7 | 166.1 | 165.4 | 166.1 | 166.7 | 167.3 |
| 110° | 192.8 | 192.4 | 192.1 | 191.6 | 190.9 | 190.3 | 189.6 | 188.9 | 189.6 | 190.3 | 190.9 |



TEST NUMBER: P333215-840

CATALOG NUMBER: S125DIP-S850D590U840-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 215.6 | 215.2 | 214.7 | 214.3 | 213.9 | 213.6 | 213.3 | 212.9 | 213.3 | 213.6 | 213.9 |
| 115° | 251.3 | 251.0 | 250.7 | 250.3 | 249.8 | 249.3 | 248.8 | 248.3 | 248.8 | 249.3 | 249.8 |
| 117.5° | 285.4 | 285.2 | 285.0 | 284.7 | 284.5 | 284.3 | 284.0 | 283.8 | 284.0 | 284.3 | 284.5 |
| 120° | 309.1 | 309.0 | 308.8 | 308.5 | 307.8 | 307.2 | 306.6 | 305.9 | 306.6 | 307.2 | 307.8 |
| 122.5° | 331.7 | 331.4 | 331.0 | 330.8 | 330.5 | 330.3 | 330.1 | 329.9 | 330.1 | 330.3 | 330.5 |
| 125° | 366.2 | 366.0 | 365.9 | 365.5 | 364.7 | 363.9 | 363.1 | 362.3 | 363.1 | 363.9 | 364.7 |
| 127.5° | 399.3 | 399.1 | 399.0 | 398.7 | 398.2 | 397.8 | 397.4 | 397.0 | 397.4 | 397.8 | 398.2 |
| 130° | 421.2 | 420.9 | 420.7 | 420.2 | 419.6 | 419.0 | 418.3 | 417.7 | 418.3 | 419.0 | 419.6 |
| 132.5° | 443.0 | 443.0 | 443.1 | 442.6 | 441.5 | 440.5 | 439.5 | 438.4 | 439.5 | 440.5 | 441.5 |
| 135° | 475.0 | 474.9 | 474.7 | 474.3 | 473.5 | 472.8 | 472.0 | 471.2 | 472.0 | 472.8 | 473.5 |
| 137.5° | 506.1 | 505.9 | 505.6 | 505.1 | 504.3 | 503.6 | 502.9 | 502.1 | 502.9 | 503.6 | 504.3 |
| 140° | 525.8 | 525.4 | 525.0 | 524.5 | 523.8 | 523.2 | 522.6 | 521.9 | 522.6 | 523.2 | 523.8 |
| 142.5° | 545.4 | 544.9 | 544.4 | 543.9 | 543.4 | 542.8 | 542.3 | 541.8 | 542.3 | 542.8 | 543.4 |
| 145° | 574.2 | 573.8 | 573.4 | 573.0 | 572.5 | 572.0 | 571.4 | 570.9 | 571.4 | 572.0 | 572.5 |
| 147.5° | 600.0 | 599.6 | 599.3 | 599.1 | 598.7 | 598.4 | 598.1 | 597.8 | 598.1 | 598.4 | 598.7 |
| 150° | 616.5 | 616.0 | 615.5 | 615.3 | 615.5 | 615.6 | 615.7 | 615.8 | 615.7 | 615.6 | 615.5 |
| 152.5° | 631.9 | 631.7 | 631.5 | 631.3 | 631.2 | 631.0 | 630.8 | 630.6 | 630.8 | 631.0 | 631.2 |
| 155° | 653.6 | 653.5 | 653.4 | 653.3 | 653.3 | 653.3 | 653.3 | 653.3 | 653.3 | 653.3 | 653.3 |
| 157.5° | 672.7 | 672.5 | 672.4 | 672.5 | 672.8 | 673.0 | 673.3 | 673.6 | 673.3 | 673.0 | 672.8 |
| 160° | 684.2 | 684.0 | 683.9 | 684.0 | 684.4 | 684.8 | 685.2 | 685.6 | 685.2 | 684.8 | 684.4 |
| 162.5° | 695.0 | 694.9 | 694.9 | 695.0 | 695.3 | 695.6 | 695.9 | 696.2 | 695.9 | 695.6 | 695.3 |
| 165° | 709.5 | 709.3 | 709.2 | 709.3 | 709.5 | 709.8 | 710.0 | 710.3 | 710.0 | 709.8 | 709.5 |
| 167.5° | 720.0 | 720.0 | 720.0 | 720.2 | 720.7 | 721.2 | 721.9 | 722.4 | 721.9 | 721.2 | 720.7 |
| 170° | 726.5 | 726.5 | 726.5 | 726.7 | 727.2 | 727.7 | 728.2 | 728.7 | 728.2 | 727.7 | 727.2 |
| 172.5° | 731.0 | 731.0 | 731.0 | 731.3 | 731.8 | 732.4 | 732.9 | 733.4 | 732.9 | 732.4 | 731.8 |
| 175° | 736.3 | 736.3 | 736.3 | 736.5 | 737.0 | 737.5 | 738.0 | 738.5 | 738.0 | 737.5 | 737.0 |
| 177.5° | 739.1 | 739.2 | 739.3 | 739.5 | 740.0 | 740.4 | 740.8 | 741.2 | 740.8 | 740.4 | 740.0 |
| 180° | 740.3 | 740.3 | 740.3 | 740.3 | 740.3 | 740.3 | 740.3 | 740.3 | 740.3 | 740.3 | 740.3 |



TEST NUMBER: P333215-840

CATALOG NUMBER: S125DIP-S850D590U840-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1235.5 | 1235.5 | 1235.5 | 1235.5 | 1235.5 | 1235.5 | 1235.5 | 1235.5 | 1235.5 | 1235.5 | 1235.5 |
| 2.5° | 1214.1 | 1209.4 | 1205.7 | 1197.3 | 1192.7 | 1186.4 | 1181.3 | 1186.8 | 1180.9 | 1183.5 | 1179.6 |
| 5° | 1176.2 | 1161.5 | 1151.0 | 1135.8 | 1122.7 | 1110.6 | 1101.8 | 1100.1 | 1095.9 | 1093.9 | 1087.5 |
| 7.5° | 1130.6 | 1112.3 | 1094.3 | 1074.4 | 1057.5 | 1040.5 | 1029.6 | 1020.6 | 1014.6 | 1006.7 | 1001.4 |
| 10° | 1103.8 | 1079.1 | 1058.2 | 1034.1 | 1013.1 | 994.7 | 980.1 | 972.7 | 965.9 | 955.9 | 952.3 |
| 12.5° | 1070.7 | 1045.2 | 1019.6 | 993.8 | 973.7 | 953.2 | 940.6 | 929.5 | 924.8 | 913.5 | 912.4 |
| 15° | 1031.0 | 992.7 | 967.5 | 941.3 | 913.4 | 896.7 | 886.2 | 874.1 | 868.9 | 861.0 | 855.3 |
| 17.5° | 983.5 | 949.4 | 917.9 | 890.7 | 866.9 | 852.7 | 839.7 | 831.4 | 822.4 | 817.3 | 807.9 |
| 20° | 949.2 | 916.7 | 885.1 | 856.3 | 838.0 | 821.7 | 811.2 | 803.3 | 794.0 | 791.3 | 781.8 |
| 22.5° | 920.2 | 884.3 | 854.1 | 829.9 | 809.8 | 791.5 | 780.1 | 774.9 | 768.3 | 760.2 | 758.3 |
| 25° | 873.1 | 835.9 | 810.2 | 786.1 | 768.2 | 751.4 | 743.6 | 736.8 | 730.4 | 724.7 | 722.6 |
| 27.5° | 832.4 | 799.1 | 768.6 | 746.8 | 731.3 | 716.0 | 709.0 | 700.7 | 696.2 | 691.6 | 685.9 |
| 30° | 803.9 | 769.8 | 743.1 | 722.1 | 705.3 | 691.7 | 684.3 | 678.5 | 674.4 | 670.1 | 667.0 |
| 32.5° | 774.5 | 743.0 | 717.0 | 696.5 | 679.7 | 669.4 | 662.9 | 658.8 | 654.2 | 649.1 | 645.2 |
| 35° | 735.7 | 701.0 | 675.9 | 658.1 | 645.0 | 637.1 | 629.8 | 626.1 | 620.9 | 620.9 | 616.6 |
| 37.5° | 692.0 | 662.1 | 639.9 | 623.6 | 611.9 | 604.8 | 596.8 | 594.3 | 591.0 | 588.8 | 587.3 |
| 40° | 666.0 | 638.1 | 617.2 | 601.0 | 588.3 | 582.6 | 576.3 | 572.1 | 570.0 | 567.3 | 566.3 |
| 42.5° | 639.1 | 612.6 | 592.5 | 577.4 | 566.5 | 561.6 | 555.7 | 552.8 | 548.6 | 545.1 | 544.5 |
| 45° | 598.3 | 572.6 | 554.3 | 542.2 | 532.8 | 527.0 | 523.3 | 517.1 | 514.9 | 510.8 | 510.2 |
| 47.5° | 559.6 | 534.9 | 516.9 | 507.1 | 498.8 | 494.0 | 488.3 | 482.0 | 479.6 | 477.5 | 477.3 |
| 50° | 530.7 | 508.2 | 491.3 | 481.9 | 474.0 | 467.3 | 461.4 | 457.3 | 455.7 | 455.7 | 456.8 |
| 52.5° | 501.3 | 482.1 | 467.9 | 456.4 | 448.9 | 441.6 | 436.3 | 433.7 | 431.3 | 433.8 | 435.8 |
| 55° | 458.3 | 438.9 | 428.4 | 417.4 | 410.1 | 401.6 | 399.1 | 398.0 | 396.5 | 400.6 | 402.7 |
| 57.5° | 412.8 | 399.2 | 386.9 | 376.0 | 369.4 | 364.6 | 361.0 | 360.3 | 363.2 | 365.3 | 372.1 |
| 60° | 383.8 | 368.1 | 357.1 | 348.7 | 340.8 | 337.7 | 336.7 | 335.6 | 337.7 | 343.5 | 352.3 |
| 62.5° | 351.9 | 339.2 | 327.3 | 321.0 | 315.3 | 310.0 | 309.8 | 310.4 | 314.7 | 321.2 | 330.1 |
| 65° | 305.2 | 294.2 | 286.3 | 278.9 | 274.3 | 271.1 | 272.2 | 274.3 | 278.9 | 287.9 | 297.8 |
| 67.5° | 257.7 | 250.1 | 243.1 | 237.1 | 232.6 | 232.6 | 233.7 | 236.8 | 242.4 | 252.7 | 261.8 |
| 70° | 227.0 | 218.6 | 212.9 | 210.3 | 206.6 | 204.5 | 207.6 | 212.9 | 217.6 | 227.0 | 234.9 |
| 72.5° | 196.4 | 189.3 | 184.8 | 183.0 | 181.5 | 179.8 | 180.8 | 186.4 | 192.9 | 202.3 | 211.5 |
| 75° | 151.0 | 148.3 | 145.2 | 143.2 | 141.6 | 142.6 | 143.7 | 149.0 | 154.2 | 164.1 | 174.6 |
| 77.5° | 110.2 | 107.4 | 105.6 | 105.1 | 104.2 | 104.7 | 107.8 | 111.6 | 116.7 | 124.0 | 131.9 |
| 80° | 83.4 | 82.3 | 81.3 | 80.8 | 80.8 | 81.3 | 85.4 | 88.1 | 92.8 | 99.7 | 105.9 |
| 82.5° | 60.7 | 60.1 | 59.9 | 59.8 | 60.2 | 60.3 | 62.8 | 66.2 | 70.2 | 75.3 | 80.8 |
| 85° | 32.0 | 30.9 | 32.5 | 33.0 | 32.0 | 33.5 | 34.6 | 36.7 | 38.3 | 40.9 | 43.5 |
| 87.5° | 11.4 | 12.4 | 12.2 | 12.8 | 13.0 | 14.0 | 13.7 | 15.6 | 16.5 | 17.5 | 17.2 |
| 90° | 4.6 | 5.7 | 6.6 | 7.5 | 8.3 | 9.2 | 9.9 | 10.5 | 11.1 | 11.8 | 12.3 |
| 92.5° | 16.8 | 17.7 | 18.8 | 19.9 | 21.0 | 22.1 | 22.9 | 23.8 | 24.6 | 25.5 | 26.1 |
| 95° | 38.5 | 39.3 | 40.5 | 41.8 | 43.1 | 44.3 | 45.2 | 46.2 | 47.1 | 48.0 | 48.5 |
| 97.5° | 62.6 | 63.5 | 65.3 | 67.1 | 68.9 | 70.6 | 71.5 | 72.3 | 73.2 | 74.0 | 74.5 |
| 100° | 80.7 | 81.5 | 83.1 | 84.8 | 86.4 | 88.2 | 89.3 | 90.5 | 91.6 | 92.7 | 93.4 |
| 102.5° | 102.5 | 103.2 | 104.0 | 104.9 | 105.7 | 106.5 | 107.9 | 109.1 | 110.4 | 111.6 | 112.4 |
| 105° | 133.9 | 134.6 | 135.4 | 136.1 | 136.9 | 137.6 | 138.5 | 139.3 | 140.0 | 140.8 | 141.4 |
| 107.5° | 168.0 | 168.6 | 169.3 | 169.8 | 170.4 | 171.0 | 171.4 | 171.8 | 172.2 | 172.5 | 172.7 |
| 110° | 191.6 | 192.1 | 192.4 | 192.8 | 193.2 | 193.6 | 194.0 | 194.3 | 194.7 | 195.1 | 195.2 |



TEST NUMBER: P333215-840

CATALOG NUMBER: S125DIP-S850D590U840-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 214.3 | 214.7 | 215.2 | 215.6 | 216.1 | 216.6 | 216.8 | 217.0 | 217.1 | 217.3 | 217.3 |
| 115° | 250.3 | 250.7 | 251.0 | 251.3 | 251.5 | 251.8 | 251.7 | 251.5 | 251.4 | 251.3 | 251.2 |
| 117.5° | 284.7 | 285.0 | 285.2 | 285.4 | 285.6 | 285.9 | 286.0 | 286.1 | 286.2 | 286.3 | 286.1 |
| 120° | 308.5 | 308.8 | 309.0 | 309.1 | 309.2 | 309.3 | 309.3 | 309.3 | 309.3 | 309.3 | 309.1 |
| 122.5° | 330.8 | 331.0 | 331.4 | 331.7 | 332.0 | 332.4 | 332.3 | 332.2 | 332.1 | 332.0 | 331.7 |
| 125° | 365.5 | 365.9 | 366.0 | 366.2 | 366.3 | 366.4 | 366.2 | 365.9 | 365.7 | 365.4 | 365.2 |
| 127.5° | 398.7 | 399.0 | 399.1 | 399.3 | 399.4 | 399.6 | 399.5 | 399.3 | 399.2 | 399.1 | 398.9 |
| 130° | 420.2 | 420.7 | 420.9 | 421.2 | 421.4 | 421.7 | 421.6 | 421.4 | 421.3 | 421.2 | 421.0 |
| 132.5° | 442.6 | 443.1 | 443.0 | 443.0 | 442.9 | 442.9 | 442.8 | 442.6 | 442.5 | 442.4 | 442.1 |
| 135° | 474.3 | 474.7 | 474.9 | 475.0 | 475.1 | 475.2 | 475.2 | 475.2 | 475.2 | 475.2 | 475.0 |
| 137.5° | 505.1 | 505.6 | 505.9 | 506.1 | 506.4 | 506.8 | 506.9 | 507.1 | 507.2 | 507.4 | 507.2 |
| 140° | 524.5 | 525.0 | 525.4 | 525.8 | 526.1 | 526.5 | 526.8 | 527.0 | 527.4 | 527.6 | 527.4 |
| 142.5° | 543.9 | 544.4 | 544.9 | 545.4 | 545.9 | 546.3 | 546.5 | 546.6 | 546.8 | 546.9 | 546.7 |
| 145° | 573.0 | 573.4 | 573.8 | 574.2 | 574.6 | 574.9 | 574.9 | 574.9 | 574.9 | 574.9 | 574.7 |
| 147.5° | 599.1 | 599.3 | 599.6 | 600.0 | 600.3 | 600.6 | 600.9 | 601.2 | 601.5 | 601.8 | 601.5 |
| 150° | 615.3 | 615.5 | 616.0 | 616.5 | 617.0 | 617.5 | 617.5 | 617.5 | 617.5 | 617.5 | 617.4 |
| 152.5° | 631.3 | 631.5 | 631.7 | 631.9 | 632.1 | 632.4 | 632.7 | 633.0 | 633.3 | 633.6 | 633.5 |
| 155° | 653.3 | 653.4 | 653.5 | 653.6 | 653.8 | 653.9 | 654.4 | 654.9 | 655.4 | 655.9 | 655.9 |
| 157.5° | 672.5 | 672.4 | 672.5 | 672.7 | 672.8 | 672.9 | 673.4 | 673.9 | 674.4 | 674.9 | 674.8 |
| 160° | 684.0 | 683.9 | 684.0 | 684.2 | 684.3 | 684.4 | 684.9 | 685.4 | 685.9 | 686.4 | 686.4 |
| 162.5° | 695.0 | 694.9 | 694.9 | 695.0 | 695.0 | 695.0 | 695.6 | 696.2 | 696.8 | 697.5 | 697.4 |
| 165° | 709.3 | 709.2 | 709.3 | 709.5 | 709.6 | 709.7 | 710.2 | 710.7 | 711.2 | 711.9 | 711.7 |
| 167.5° | 720.2 | 720.0 | 720.0 | 720.0 | 720.0 | 720.0 | 720.7 | 721.5 | 722.4 | 723.1 | 723.1 |
| 170° | 726.7 | 726.5 | 726.5 | 726.5 | 726.5 | 726.5 | 727.2 | 728.0 | 728.7 | 729.5 | 729.4 |
| 172.5° | 731.3 | 731.0 | 731.0 | 731.0 | 731.0 | 731.0 | 731.8 | 732.7 | 733.4 | 734.2 | 734.2 |
| 175° | 736.5 | 736.3 | 736.3 | 736.3 | 736.3 | 736.3 | 737.0 | 737.8 | 738.5 | 739.3 | 739.2 |
| 177.5° | 739.5 | 739.3 | 739.2 | 739.1 | 739.0 | 738.9 | 739.5 | 740.1 | 740.7 | 741.3 | 741.3 |
| 180° | 740.3 | 740.3 | 740.3 | 740.3 | 740.3 | 740.3 | 740.3 | 740.3 | 740.3 | 740.3 | 740.3 |



TEST NUMBER: P333215-840

CATALOG NUMBER: S125DIP-S850D590U840-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1235.5 | 1235.5 | 1235.5 | 1235.5 | 1235.5 | 1235.5 | 1235.5 | 1235.5 | 1235.5 | 1235.5 | 1235.5 |
| 2.5° | 1177.1 | 1180.0 | 1177.5 | 1180.9 | 1177.5 | 1180.0 | 1177.1 | 1179.6 | 1183.5 | 1180.9 | 1186.8 |
| 5° | 1084.9 | 1080.3 | 1083.4 | 1081.3 | 1083.4 | 1080.3 | 1084.9 | 1087.5 | 1093.9 | 1095.9 | 1100.1 |
| 7.5° | 999.8 | 995.2 | 990.2 | 987.7 | 990.2 | 995.2 | 999.8 | 1001.4 | 1006.7 | 1014.6 | 1020.6 |
| 10° | 946.5 | 940.7 | 940.2 | 936.5 | 940.2 | 940.7 | 946.5 | 952.3 | 955.9 | 965.9 | 972.7 |
| 12.5° | 907.5 | 902.1 | 896.2 | 894.6 | 896.2 | 902.1 | 907.5 | 912.4 | 913.5 | 924.8 | 929.5 |
| 15° | 852.1 | 847.9 | 844.2 | 847.4 | 844.2 | 847.9 | 852.1 | 855.3 | 861.0 | 868.9 | 874.1 |
| 17.5° | 806.1 | 802.6 | 801.9 | 798.1 | 801.9 | 802.6 | 806.1 | 807.9 | 817.3 | 822.4 | 831.4 |
| 20° | 777.1 | 774.5 | 775.6 | 768.7 | 775.6 | 774.5 | 777.1 | 781.8 | 791.3 | 794.0 | 803.3 |
| 22.5° | 754.1 | 748.9 | 748.3 | 746.9 | 748.3 | 748.9 | 754.1 | 758.3 | 760.2 | 768.3 | 774.9 |
| 25° | 717.9 | 715.3 | 712.7 | 715.3 | 712.7 | 715.3 | 717.9 | 722.6 | 724.7 | 730.4 | 736.8 |
| 27.5° | 686.3 | 683.2 | 682.5 | 682.8 | 682.5 | 683.2 | 686.3 | 685.9 | 691.6 | 696.2 | 700.7 |
| 30° | 667.0 | 661.8 | 662.3 | 661.8 | 662.3 | 661.8 | 667.0 | 667.0 | 670.1 | 674.4 | 678.5 |
| 32.5° | 646.0 | 642.5 | 641.8 | 640.8 | 641.8 | 642.5 | 646.0 | 645.2 | 649.1 | 654.2 | 658.8 |
| 35° | 615.1 | 615.1 | 612.5 | 612.5 | 612.5 | 615.1 | 615.1 | 616.6 | 620.9 | 620.9 | 626.1 |
| 37.5° | 586.0 | 585.5 | 583.9 | 584.2 | 583.9 | 585.5 | 586.0 | 587.3 | 588.8 | 591.0 | 594.3 |
| 40° | 564.2 | 563.7 | 562.1 | 559.0 | 562.1 | 563.7 | 564.2 | 566.3 | 567.3 | 570.0 | 572.1 |
| 42.5° | 543.2 | 541.5 | 540.8 | 539.7 | 540.8 | 541.5 | 543.2 | 544.5 | 545.1 | 548.6 | 552.8 |
| 45° | 510.2 | 510.2 | 509.2 | 508.7 | 509.2 | 510.2 | 510.2 | 510.2 | 510.8 | 514.9 | 517.1 |
| 47.5° | 478.2 | 479.1 | 481.1 | 480.8 | 481.1 | 479.1 | 478.2 | 477.3 | 477.5 | 479.6 | 482.0 |
| 50° | 458.8 | 459.4 | 460.9 | 461.4 | 460.9 | 459.4 | 458.8 | 456.8 | 455.7 | 455.7 | 457.3 |
| 52.5° | 437.5 | 440.5 | 442.4 | 442.1 | 442.4 | 440.5 | 437.5 | 435.8 | 433.8 | 431.3 | 433.7 |
| 55° | 407.5 | 411.1 | 414.8 | 415.4 | 414.8 | 411.1 | 407.5 | 402.7 | 400.6 | 396.5 | 398.0 |
| 57.5° | 377.8 | 382.9 | 386.8 | 388.0 | 386.8 | 382.9 | 377.8 | 372.1 | 365.3 | 363.2 | 360.3 |
| 60° | 357.6 | 364.5 | 369.2 | 371.2 | 369.2 | 364.5 | 357.6 | 352.3 | 343.5 | 337.7 | 335.6 |
| 62.5° | 338.3 | 346.0 | 350.7 | 351.1 | 350.7 | 346.0 | 338.3 | 330.1 | 321.2 | 314.7 | 310.4 |
| 65° | 306.8 | 314.7 | 318.8 | 321.9 | 318.8 | 314.7 | 306.8 | 297.8 | 287.9 | 278.9 | 274.3 |
| 67.5° | 272.8 | 280.6 | 285.3 | 287.8 | 285.3 | 280.6 | 272.8 | 261.8 | 252.7 | 242.4 | 236.8 |
| 70° | 248.0 | 255.9 | 262.2 | 264.3 | 262.2 | 255.9 | 248.0 | 234.9 | 227.0 | 217.6 | 212.9 |
| 72.5° | 223.7 | 230.8 | 235.8 | 238.2 | 235.8 | 230.8 | 223.7 | 211.5 | 202.3 | 192.9 | 186.4 |
| 75° | 181.5 | 190.9 | 195.6 | 198.2 | 195.6 | 190.9 | 181.5 | 174.6 | 164.1 | 154.2 | 149.0 |
| 77.5° | 139.9 | 148.6 | 151.4 | 152.7 | 151.4 | 148.6 | 139.9 | 131.9 | 124.0 | 116.7 | 111.6 |
| 80° | 112.2 | 117.4 | 121.1 | 121.7 | 121.1 | 117.4 | 112.2 | 105.9 | 99.7 | 92.8 | 88.1 |
| 82.5° | 86.2 | 90.6 | 91.8 | 93.1 | 91.8 | 90.6 | 86.2 | 80.8 | 75.3 | 70.2 | 66.2 |
| 85° | 47.2 | 49.3 | 49.8 | 49.3 | 49.8 | 49.3 | 47.2 | 43.5 | 40.9 | 38.3 | 36.7 |
| 87.5° | 18.1 | 17.7 | 17.8 | 18.7 | 17.8 | 17.7 | 18.1 | 17.2 | 17.5 | 16.5 | 15.6 |
| 90° | 12.7 | 13.0 | 13.4 | 13.8 | 13.4 | 13.0 | 12.7 | 12.3 | 11.8 | 11.1 | 10.5 |
| 92.5° | 26.4 | 26.7 | 26.9 | 27.2 | 26.9 | 26.7 | 26.4 | 26.1 | 25.5 | 24.6 | 23.8 |
| 95° | 48.8 | 49.1 | 49.3 | 49.6 | 49.3 | 49.1 | 48.8 | 48.5 | 48.0 | 47.1 | 46.2 |
| 97.5° | 74.6 | 74.8 | 74.9 | 75.1 | 74.9 | 74.8 | 74.6 | 74.5 | 74.0 | 73.2 | 72.3 |
| 100° | 93.7 | 94.0 | 94.2 | 94.5 | 94.2 | 94.0 | 93.7 | 93.4 | 92.7 | 91.6 | 90.5 |
| 102.5° | 112.8 | 113.1 | 113.5 | 113.8 | 113.5 | 113.1 | 112.8 | 112.4 | 111.6 | 110.4 | 109.1 |
| 105° | 141.7 | 142.1 | 142.5 | 142.9 | 142.5 | 142.1 | 141.7 | 141.4 | 140.8 | 140.0 | 139.3 |
| 107.5° | 172.7 | 172.7 | 172.6 | 172.6 | 172.6 | 172.7 | 172.7 | 172.7 | 172.5 | 172.2 | 171.8 |
| 110° | 195.1 | 195.0 | 194.8 | 194.7 | 194.8 | 195.0 | 195.1 | 195.2 | 195.1 | 194.7 | 194.3 |



TEST NUMBER: P333215-840

CATALOG NUMBER: S125DIP-S850D590U840-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 217.1 | 216.8 | 216.6 | 216.4 | 216.6 | 216.8 | 217.1 | 217.3 | 217.3 | 217.1 | 217.0 |
| 115° | 251.0 | 250.9 | 250.7 | 250.6 | 250.7 | 250.9 | 251.0 | 251.2 | 251.3 | 251.4 | 251.5 |
| 117.5° | 285.6 | 285.1 | 284.6 | 284.0 | 284.6 | 285.1 | 285.6 | 286.1 | 286.3 | 286.2 | 286.1 |
| 120° | 308.6 | 308.1 | 307.6 | 307.1 | 307.6 | 308.1 | 308.6 | 309.1 | 309.3 | 309.3 | 309.3 |
| 122.5° | 331.3 | 330.9 | 330.5 | 330.1 | 330.5 | 330.9 | 331.3 | 331.7 | 332.0 | 332.1 | 332.2 |
| 125° | 365.1 | 365.0 | 364.8 | 364.7 | 364.8 | 365.0 | 365.1 | 365.2 | 365.4 | 365.7 | 365.9 |
| 127.5° | 398.6 | 398.4 | 398.1 | 397.9 | 398.1 | 398.4 | 398.6 | 398.9 | 399.1 | 399.2 | 399.3 |
| 130° | 420.7 | 420.5 | 420.2 | 420.0 | 420.2 | 420.5 | 420.7 | 421.0 | 421.2 | 421.3 | 421.4 |
| 132.5° | 441.8 | 441.4 | 441.1 | 440.7 | 441.1 | 441.4 | 441.8 | 442.1 | 442.4 | 442.5 | 442.6 |
| 135° | 474.5 | 474.0 | 473.5 | 473.0 | 473.5 | 474.0 | 474.5 | 475.0 | 475.2 | 475.2 | 475.2 |
| 137.5° | 506.4 | 505.8 | 505.2 | 504.5 | 505.2 | 505.8 | 506.4 | 507.2 | 507.4 | 507.2 | 507.1 |
| 140° | 526.7 | 526.1 | 525.4 | 524.8 | 525.4 | 526.1 | 526.7 | 527.4 | 527.6 | 527.4 | 527.0 |
| 142.5° | 546.1 | 545.4 | 544.8 | 544.2 | 544.8 | 545.4 | 546.1 | 546.7 | 546.9 | 546.8 | 546.6 |
| 145° | 574.4 | 574.0 | 573.6 | 573.2 | 573.6 | 574.0 | 574.4 | 574.7 | 574.9 | 574.9 | 574.9 |
| 147.5° | 600.6 | 599.8 | 598.8 | 598.0 | 598.8 | 599.8 | 600.6 | 601.5 | 601.8 | 601.5 | 601.2 |
| 150° | 617.2 | 616.9 | 616.7 | 616.4 | 616.7 | 616.9 | 617.2 | 617.4 | 617.5 | 617.5 | 617.5 |
| 152.5° | 633.0 | 632.6 | 632.1 | 631.7 | 632.1 | 632.6 | 633.0 | 633.5 | 633.6 | 633.3 | 633.0 |
| 155° | 655.2 | 654.6 | 653.9 | 653.3 | 653.9 | 654.6 | 655.2 | 655.9 | 655.9 | 655.4 | 654.9 |
| 157.5° | 673.9 | 673.1 | 672.3 | 671.4 | 672.3 | 673.1 | 673.9 | 674.8 | 674.9 | 674.4 | 673.9 |
| 160° | 685.8 | 685.1 | 684.5 | 683.9 | 684.5 | 685.1 | 685.8 | 686.4 | 686.4 | 685.9 | 685.4 |
| 162.5° | 696.7 | 695.9 | 695.2 | 694.4 | 695.2 | 695.9 | 696.7 | 697.4 | 697.5 | 696.8 | 696.2 |
| 165° | 710.9 | 710.1 | 709.3 | 708.6 | 709.3 | 710.1 | 710.9 | 711.7 | 711.9 | 711.2 | 710.7 |
| 167.5° | 722.3 | 721.4 | 720.6 | 719.9 | 720.6 | 721.4 | 722.3 | 723.1 | 723.1 | 722.4 | 721.5 |
| 170° | 728.6 | 727.7 | 726.8 | 725.9 | 726.8 | 727.7 | 728.6 | 729.4 | 729.5 | 728.7 | 728.0 |
| 172.5° | 733.4 | 732.6 | 731.7 | 730.9 | 731.7 | 732.6 | 733.4 | 734.2 | 734.2 | 733.4 | 732.7 |
| 175° | 738.4 | 737.5 | 736.6 | 735.7 | 736.6 | 737.5 | 738.4 | 739.2 | 739.3 | 738.5 | 737.8 |
| 177.5° | 740.6 | 739.9 | 739.1 | 738.4 | 739.1 | 739.9 | 740.6 | 741.3 | 741.3 | 740.7 | 740.1 |
| 180° | 740.3 | 740.3 | 740.3 | 740.3 | 740.3 | 740.3 | 740.3 | 740.3 | 740.3 | 740.3 | 740.3 |



TEST NUMBER: P333215-840

CATALOG NUMBER: S125DIP-S850D590U840-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1235.5 | 1235.5 | 1235.5 | 1235.5 | 1235.5 | 1235.5 | 1235.5 | 1235.5 | 1235.5 | 1235.5 | 1235.5 |
| 2.5° | 1181.3 | 1186.4 | 1192.7 | 1197.3 | 1205.7 | 1209.4 | 1214.1 | 1217.8 | 1224.6 | 1230.8 | 1238.4 |
| 5° | 1101.8 | 1110.6 | 1122.7 | 1135.8 | 1151.0 | 1161.5 | 1176.2 | 1185.1 | 1203.0 | 1219.2 | 1234.9 |
| 7.5° | 1029.6 | 1040.5 | 1057.5 | 1074.4 | 1094.3 | 1112.3 | 1130.6 | 1151.0 | 1173.8 | 1200.6 | 1222.8 |
| 10° | 980.1 | 994.7 | 1013.1 | 1034.1 | 1058.2 | 1079.1 | 1103.8 | 1125.8 | 1153.7 | 1185.1 | 1214.5 |
| 12.5° | 940.6 | 953.2 | 973.7 | 993.8 | 1019.6 | 1045.2 | 1070.7 | 1099.8 | 1132.3 | 1167.1 | 1204.0 |
| 15° | 886.2 | 896.7 | 913.4 | 941.3 | 967.5 | 992.7 | 1031.0 | 1058.2 | 1099.1 | 1137.9 | 1182.5 |
| 17.5° | 839.7 | 852.7 | 866.9 | 890.7 | 917.9 | 949.4 | 983.5 | 1017.7 | 1057.1 | 1106.3 | 1156.6 |
| 20° | 811.2 | 821.7 | 838.0 | 856.3 | 885.1 | 916.7 | 949.2 | 983.7 | 1032.0 | 1082.9 | 1136.8 |
| 22.5° | 780.1 | 791.5 | 809.8 | 829.9 | 854.1 | 884.3 | 920.2 | 958.2 | 1008.5 | 1058.5 | 1117.1 |
| 25° | 743.6 | 751.4 | 768.2 | 786.1 | 810.2 | 835.9 | 873.1 | 915.0 | 964.8 | 1022.0 | 1081.8 |
| 27.5° | 709.0 | 716.0 | 731.3 | 746.8 | 768.6 | 799.1 | 832.4 | 874.7 | 921.7 | 979.7 | 1045.9 |
| 30° | 684.3 | 691.7 | 705.3 | 722.1 | 743.1 | 769.8 | 803.9 | 843.7 | 894.0 | 950.7 | 1020.0 |
| 32.5° | 662.9 | 669.4 | 679.7 | 696.5 | 717.0 | 743.0 | 774.5 | 815.2 | 865.6 | 923.0 | 991.0 |
| 35° | 629.8 | 637.1 | 645.0 | 658.1 | 675.9 | 701.0 | 735.7 | 774.0 | 822.2 | 877.8 | 940.2 |
| 37.5° | 596.8 | 604.8 | 611.9 | 623.6 | 639.9 | 662.1 | 692.0 | 731.8 | 775.5 | 829.0 | 888.9 |
| 40° | 576.3 | 582.6 | 588.3 | 601.0 | 617.2 | 638.1 | 666.0 | 701.7 | 747.8 | 797.6 | 847.4 |
| 42.5° | 555.7 | 561.6 | 566.5 | 577.4 | 592.5 | 612.6 | 639.1 | 673.9 | 716.7 | 763.2 | 807.1 |
| 45° | 523.3 | 527.0 | 532.8 | 542.2 | 554.3 | 572.6 | 598.3 | 629.2 | 665.4 | 709.5 | 742.6 |
| 47.5° | 488.3 | 494.0 | 498.8 | 507.1 | 516.9 | 534.9 | 559.6 | 585.9 | 618.7 | 651.5 | 674.8 |
| 50° | 461.4 | 467.3 | 474.0 | 481.9 | 491.3 | 508.2 | 530.7 | 557.4 | 585.2 | 610.4 | 630.3 |
| 52.5° | 436.3 | 441.6 | 448.9 | 456.4 | 467.9 | 482.1 | 501.3 | 525.1 | 552.5 | 570.6 | 587.1 |
| 55° | 399.1 | 401.6 | 410.1 | 417.4 | 428.4 | 438.9 | 458.3 | 479.3 | 496.0 | 509.7 | 523.3 |
| 57.5° | 361.0 | 364.6 | 369.4 | 376.0 | 386.9 | 399.2 | 412.8 | 431.3 | 441.2 | 448.3 | 458.8 |
| 60° | 336.7 | 337.7 | 340.8 | 348.7 | 357.1 | 368.1 | 383.8 | 397.0 | 404.2 | 410.1 | 419.0 |
| 62.5° | 309.8 | 310.0 | 315.3 | 321.0 | 327.3 | 339.2 | 351.9 | 362.5 | 368.6 | 371.4 | 380.0 |
| 65° | 272.2 | 271.1 | 274.3 | 278.9 | 286.3 | 294.2 | 305.2 | 314.7 | 314.1 | 317.2 | 322.4 |
| 67.5° | 233.7 | 232.6 | 232.6 | 237.1 | 243.1 | 250.1 | 257.7 | 263.2 | 263.3 | 267.4 | 270.0 |
| 70° | 207.6 | 204.5 | 206.6 | 210.3 | 212.9 | 218.6 | 227.0 | 229.1 | 229.6 | 231.8 | 234.4 |
| 72.5° | 180.8 | 179.8 | 181.5 | 183.0 | 184.8 | 189.3 | 196.4 | 197.7 | 197.8 | 199.0 | 203.4 |
| 75° | 143.7 | 142.6 | 141.6 | 143.2 | 145.2 | 148.3 | 151.0 | 153.1 | 152.6 | 153.1 | 156.2 |
| 77.5° | 107.8 | 104.7 | 104.2 | 105.1 | 105.6 | 107.4 | 110.2 | 110.0 | 110.6 | 110.5 | 114.0 |
| 80° | 85.4 | 81.3 | 80.8 | 80.8 | 81.3 | 82.3 | 83.4 | 84.4 | 82.8 | 84.4 | 85.4 |
| 82.5° | 62.8 | 60.3 | 60.2 | 59.8 | 59.9 | 60.1 | 60.7 | 61.4 | 61.0 | 61.8 | 62.4 |
| 85° | 34.6 | 33.5 | 32.0 | 33.0 | 32.5 | 30.9 | 32.0 | 30.4 | 29.9 | 30.4 | 30.9 |
| 87.5° | 13.7 | 14.0 | 13.0 | 12.8 | 12.2 | 12.4 | 11.4 | 10.8 | 10.2 | 10.4 | 11.4 |
| 90° | 9.9 | 9.2 | 8.3 | 7.5 | 6.6 | 5.7 | 4.6 | 3.6 | 2.6 | 1.6 | 0.6 |
| 92.5° | 22.9 | 22.1 | 21.0 | 19.9 | 18.8 | 17.7 | 16.8 | 16.1 | 15.3 | 14.6 | 13.9 |
| 95° | 45.2 | 44.3 | 43.1 | 41.8 | 40.5 | 39.3 | 38.5 | 38.2 | 38.0 | 37.7 | 37.5 |
| 97.5° | 71.5 | 70.6 | 68.9 | 67.1 | 65.3 | 63.5 | 62.6 | 62.5 | 62.4 | 62.3 | 62.2 |
| 100° | 89.3 | 88.2 | 86.4 | 84.8 | 83.1 | 81.5 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 |
| 102.5° | 107.9 | 106.5 | 105.7 | 104.9 | 104.0 | 103.2 | 102.5 | 102.0 | 101.5 | 101.0 | 100.5 |
| 105° | 138.5 | 137.6 | 136.9 | 136.1 | 135.4 | 134.6 | 133.9 | 133.3 | 132.6 | 132.0 | 131.4 |
| 107.5° | 171.4 | 171.0 | 170.4 | 169.8 | 169.3 | 168.6 | 168.0 | 167.3 | 166.7 | 166.1 | 165.4 |
| 110° | 194.0 | 193.6 | 193.2 | 192.8 | 192.4 | 192.1 | 191.6 | 190.9 | 190.3 | 189.6 | 188.9 |



TEST NUMBER: P333215-840

CATALOG NUMBER: S125DIP-S850D590U840-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 216.8 | 216.6 | 216.1 | 215.6 | 215.2 | 214.7 | 214.3 | 213.9 | 213.6 | 213.3 | 212.9 |
| 115° | 251.7 | 251.8 | 251.5 | 251.3 | 251.0 | 250.7 | 250.3 | 249.8 | 249.3 | 248.8 | 248.3 |
| 117.5° | 286.0 | 285.9 | 285.6 | 285.4 | 285.2 | 285.0 | 284.7 | 284.5 | 284.3 | 284.0 | 283.8 |
| 120° | 309.3 | 309.3 | 309.2 | 309.1 | 309.0 | 308.8 | 308.5 | 307.8 | 307.2 | 306.6 | 305.9 |
| 122.5° | 332.3 | 332.4 | 332.0 | 331.7 | 331.4 | 331.0 | 330.8 | 330.5 | 330.3 | 330.1 | 329.9 |
| 125° | 366.2 | 366.4 | 366.3 | 366.2 | 366.0 | 365.9 | 365.5 | 364.7 | 363.9 | 363.1 | 362.3 |
| 127.5° | 399.5 | 399.6 | 399.4 | 399.3 | 399.1 | 399.0 | 398.7 | 398.2 | 397.8 | 397.4 | 397.0 |
| 130° | 421.6 | 421.7 | 421.4 | 421.2 | 420.9 | 420.7 | 420.2 | 419.6 | 419.0 | 418.3 | 417.7 |
| 132.5° | 442.8 | 442.9 | 442.9 | 443.0 | 443.0 | 443.1 | 442.6 | 441.5 | 440.5 | 439.5 | 438.4 |
| 135° | 475.2 | 475.2 | 475.1 | 475.0 | 474.9 | 474.7 | 474.3 | 473.5 | 472.8 | 472.0 | 471.2 |
| 137.5° | 506.9 | 506.8 | 506.4 | 506.1 | 505.9 | 505.6 | 505.1 | 504.3 | 503.6 | 502.9 | 502.1 |
| 140° | 526.8 | 526.5 | 526.1 | 525.8 | 525.4 | 525.0 | 524.5 | 523.8 | 523.2 | 522.6 | 521.9 |
| 142.5° | 546.5 | 546.3 | 545.9 | 545.4 | 544.9 | 544.4 | 543.9 | 543.4 | 542.8 | 542.3 | 541.8 |
| 145° | 574.9 | 574.9 | 574.6 | 574.2 | 573.8 | 573.4 | 573.0 | 572.5 | 572.0 | 571.4 | 570.9 |
| 147.5° | 600.9 | 600.6 | 600.3 | 600.0 | 599.6 | 599.3 | 599.1 | 598.7 | 598.4 | 598.1 | 597.8 |
| 150° | 617.5 | 617.5 | 617.0 | 616.5 | 616.0 | 615.5 | 615.3 | 615.5 | 615.6 | 615.7 | 615.8 |
| 152.5° | 632.7 | 632.4 | 632.1 | 631.9 | 631.7 | 631.5 | 631.3 | 631.2 | 631.0 | 630.8 | 630.6 |
| 155° | 654.4 | 653.9 | 653.8 | 653.6 | 653.5 | 653.4 | 653.3 | 653.3 | 653.3 | 653.3 | 653.3 |
| 157.5° | 673.4 | 672.9 | 672.8 | 672.7 | 672.5 | 672.4 | 672.5 | 672.8 | 673.0 | 673.3 | 673.6 |
| 160° | 684.9 | 684.4 | 684.3 | 684.2 | 684.0 | 683.9 | 684.0 | 684.4 | 684.8 | 685.2 | 685.6 |
| 162.5° | 695.6 | 695.0 | 695.0 | 695.0 | 694.9 | 694.9 | 695.0 | 695.3 | 695.6 | 695.9 | 696.2 |
| 165° | 710.2 | 709.7 | 709.6 | 709.5 | 709.3 | 709.2 | 709.3 | 709.5 | 709.8 | 710.0 | 710.3 |
| 167.5° | 720.7 | 720.0 | 720.0 | 720.0 | 720.0 | 720.0 | 720.2 | 720.7 | 721.2 | 721.9 | 722.4 |
| 170° | 727.2 | 726.5 | 726.5 | 726.5 | 726.5 | 726.5 | 726.7 | 727.2 | 727.7 | 728.2 | 728.7 |
| 172.5° | 731.8 | 731.0 | 731.0 | 731.0 | 731.0 | 731.0 | 731.3 | 731.8 | 732.4 | 732.9 | 733.4 |
| 175° | 737.0 | 736.3 | 736.3 | 736.3 | 736.3 | 736.3 | 736.5 | 737.0 | 737.5 | 738.0 | 738.5 |
| 177.5° | 739.5 | 738.9 | 739.0 | 739.1 | 739.2 | 739.3 | 739.5 | 740.0 | 740.4 | 740.8 | 741.2 |
| 180° | 740.3 | 740.3 | 740.3 | 740.3 | 740.3 | 740.3 | 740.3 | 740.3 | 740.3 | 740.3 | 740.3 |



TEST NUMBER: P333215-840

CATALOG NUMBER: S125DIP-S850D590U840-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1235.5 | 1235.5 | 1235.5 | 1235.5 | 1235.5 | 1235.5 | 1235.5 | 1235.5 | 1235.5 | 1235.5 | 1235.5 |
| 2.5° | 1242.1 | 1248.0 | 1251.8 | 1258.9 | 1264.8 | 1268.2 | 1271.1 | 1273.6 | 1276.6 | 1279.1 | 1286.2 |
| 5° | 1250.1 | 1263.7 | 1275.3 | 1293.1 | 1309.4 | 1321.9 | 1335.5 | 1347.7 | 1357.7 | 1371.8 | 1382.8 |
| 7.5° | 1246.7 | 1270.9 | 1296.3 | 1323.8 | 1352.0 | 1378.3 | 1402.4 | 1424.9 | 1445.4 | 1470.2 | 1491.9 |
| 10° | 1243.3 | 1276.4 | 1308.9 | 1346.0 | 1384.3 | 1416.8 | 1447.2 | 1478.2 | 1500.8 | 1532.3 | 1558.9 |
| 12.5° | 1240.8 | 1279.7 | 1318.9 | 1363.7 | 1405.7 | 1451.7 | 1492.2 | 1514.7 | 1549.0 | 1574.2 | 1606.0 |
| 15° | 1230.2 | 1281.6 | 1335.5 | 1385.9 | 1445.7 | 1488.1 | 1523.9 | 1567.9 | 1599.8 | 1631.8 | 1666.5 |
| 17.5° | 1211.2 | 1269.4 | 1329.8 | 1395.8 | 1453.2 | 1498.7 | 1544.7 | 1587.2 | 1625.4 | 1668.3 | 1711.3 |
| 20° | 1202.4 | 1260.6 | 1329.8 | 1397.5 | 1453.6 | 1501.3 | 1548.5 | 1595.2 | 1637.1 | 1692.1 | 1742.0 |
| 22.5° | 1184.0 | 1254.4 | 1318.1 | 1384.0 | 1441.8 | 1493.8 | 1547.2 | 1600.2 | 1656.0 | 1718.2 | 1780.6 |
| 25° | 1151.0 | 1222.3 | 1290.0 | 1355.0 | 1413.2 | 1478.2 | 1535.4 | 1606.2 | 1677.5 | 1759.8 | 1837.4 |
| 27.5° | 1116.8 | 1185.1 | 1247.1 | 1309.9 | 1377.8 | 1451.4 | 1525.5 | 1605.9 | 1699.2 | 1803.1 | 1912.6 |
| 30° | 1089.1 | 1153.7 | 1214.0 | 1278.4 | 1349.2 | 1432.1 | 1513.4 | 1608.8 | 1716.8 | 1833.7 | 1963.8 |
| 32.5° | 1056.8 | 1116.3 | 1174.9 | 1243.2 | 1320.3 | 1407.8 | 1502.5 | 1607.1 | 1737.0 | 1869.9 | 2003.7 |
| 35° | 1001.6 | 1051.4 | 1111.7 | 1184.6 | 1271.6 | 1371.8 | 1481.4 | 1605.1 | 1754.0 | 1906.6 | 2019.4 |
| 37.5° | 936.0 | 982.4 | 1045.9 | 1125.8 | 1217.1 | 1324.5 | 1454.6 | 1601.4 | 1759.6 | 1881.3 | 1917.6 |
| 40° | 892.0 | 934.9 | 1001.1 | 1083.9 | 1177.2 | 1291.0 | 1433.6 | 1588.8 | 1742.0 | 1819.6 | 1789.7 |
| 42.5° | 845.0 | 890.1 | 954.4 | 1036.5 | 1137.0 | 1260.8 | 1407.2 | 1562.5 | 1690.8 | 1720.2 | 1616.9 |
| 45° | 770.8 | 817.5 | 880.9 | 963.8 | 1071.9 | 1206.1 | 1358.7 | 1499.8 | 1573.7 | 1520.7 | 1360.8 |
| 47.5° | 702.0 | 745.7 | 804.5 | 890.0 | 1001.5 | 1140.3 | 1287.3 | 1399.8 | 1405.6 | 1279.3 | 1108.4 |
| 50° | 655.0 | 695.3 | 754.6 | 840.0 | 950.7 | 1091.3 | 1223.9 | 1312.5 | 1272.6 | 1129.5 | 965.3 |
| 52.5° | 608.8 | 648.3 | 706.8 | 791.4 | 900.8 | 1029.6 | 1153.0 | 1215.2 | 1140.1 | 993.2 | 852.9 |
| 55° | 542.2 | 576.8 | 634.0 | 712.1 | 816.0 | 935.5 | 1040.4 | 1061.9 | 964.3 | 819.6 | 705.8 |
| 57.5° | 477.2 | 509.5 | 561.5 | 633.5 | 728.3 | 834.2 | 916.3 | 911.7 | 808.6 | 684.4 | 594.1 |
| 60° | 433.1 | 464.6 | 510.8 | 581.0 | 667.5 | 758.8 | 829.0 | 812.2 | 710.0 | 603.0 | 527.0 |
| 62.5° | 393.7 | 421.8 | 465.4 | 526.8 | 605.8 | 690.4 | 748.1 | 723.4 | 623.2 | 529.6 | 469.5 |
| 65° | 335.6 | 359.2 | 396.5 | 448.9 | 514.4 | 584.2 | 628.7 | 596.7 | 511.3 | 438.4 | 390.1 |
| 67.5° | 280.1 | 299.0 | 330.2 | 372.1 | 428.0 | 484.0 | 511.2 | 479.0 | 410.6 | 357.4 | 321.6 |
| 70° | 244.9 | 261.7 | 285.8 | 323.1 | 371.8 | 419.0 | 439.4 | 410.6 | 351.8 | 306.2 | 280.5 |
| 72.5° | 209.6 | 223.5 | 244.7 | 278.1 | 317.2 | 358.2 | 376.1 | 348.5 | 300.2 | 261.8 | 237.7 |
| 75° | 162.1 | 171.5 | 186.1 | 209.2 | 240.1 | 272.7 | 282.7 | 258.5 | 227.6 | 198.7 | 183.0 |
| 77.5° | 116.0 | 124.0 | 135.1 | 149.7 | 171.6 | 192.3 | 201.0 | 187.0 | 163.1 | 144.8 | 131.9 |
| 80° | 89.2 | 93.3 | 102.8 | 114.8 | 132.2 | 145.2 | 151.0 | 142.1 | 125.3 | 111.7 | 101.7 |
| 82.5° | 63.5 | 67.8 | 73.4 | 83.4 | 94.4 | 103.3 | 109.5 | 103.5 | 91.4 | 80.7 | 74.8 |
| 85° | 30.9 | 33.5 | 36.7 | 40.9 | 49.3 | 54.5 | 54.0 | 50.3 | 45.6 | 41.4 | 38.3 |
| 87.5° | 11.2 | 11.8 | 13.3 | 15.7 | 17.1 | 18.9 | 19.9 | 19.3 | 17.8 | 16.7 | 15.6 |
| 90° | 1.6 | 2.6 | 3.6 | 4.6 | 5.7 | 6.6 | 7.5 | 8.3 | 9.2 | 9.9 | 10.5 |
| 92.5° | 14.6 | 15.3 | 16.1 | 16.8 | 17.7 | 18.8 | 19.9 | 21.0 | 22.1 | 22.9 | 23.8 |
| 95° | 37.7 | 38.0 | 38.2 | 38.5 | 39.3 | 40.5 | 41.8 | 43.1 | 44.3 | 45.2 | 46.2 |
| 97.5° | 62.3 | 62.4 | 62.5 | 62.6 | 63.5 | 65.3 | 67.1 | 68.9 | 70.6 | 71.5 | 72.3 |
| 100° | 80.7 | 80.7 | 80.7 | 80.7 | 81.5 | 83.1 | 84.8 | 86.4 | 88.2 | 89.3 | 90.5 |
| 102.5° | 101.0 | 101.5 | 102.0 | 102.5 | 103.2 | 104.0 | 104.9 | 105.7 | 106.5 | 107.9 | 109.1 |
| 105° | 132.0 | 132.6 | 133.3 | 133.9 | 134.6 | 135.4 | 136.1 | 136.9 | 137.6 | 138.5 | 139.3 |
| 107.5° | 166.1 | 166.7 | 167.3 | 168.0 | 168.6 | 169.3 | 169.8 | 170.4 | 171.0 | 171.4 | 171.8 |
| 110° | 189.6 | 190.3 | 190.9 | 191.6 | 192.1 | 192.4 | 192.8 | 193.2 | 193.6 | 194.0 | 194.3 |



TEST NUMBER: P333215-840

CATALOG NUMBER: S125DIP-S850D590U840-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 213.3 | 213.6 | 213.9 | 214.3 | 214.7 | 215.2 | 215.6 | 216.1 | 216.6 | 216.8 | 217.0 |
| 115° | 248.8 | 249.3 | 249.8 | 250.3 | 250.7 | 251.0 | 251.3 | 251.5 | 251.8 | 251.7 | 251.5 |
| 117.5° | 284.0 | 284.3 | 284.5 | 284.7 | 285.0 | 285.2 | 285.4 | 285.6 | 285.9 | 286.0 | 286.1 |
| 120° | 306.6 | 307.2 | 307.8 | 308.5 | 308.8 | 309.0 | 309.1 | 309.2 | 309.3 | 309.3 | 309.3 |
| 122.5° | 330.1 | 330.3 | 330.5 | 330.8 | 331.0 | 331.4 | 331.7 | 332.0 | 332.4 | 332.3 | 332.2 |
| 125° | 363.1 | 363.9 | 364.7 | 365.5 | 365.9 | 366.0 | 366.2 | 366.3 | 366.4 | 366.2 | 365.9 |
| 127.5° | 397.4 | 397.8 | 398.2 | 398.7 | 399.0 | 399.1 | 399.3 | 399.4 | 399.6 | 399.5 | 399.3 |
| 130° | 418.3 | 419.0 | 419.6 | 420.2 | 420.7 | 420.9 | 421.2 | 421.4 | 421.7 | 421.6 | 421.4 |
| 132.5° | 439.5 | 440.5 | 441.5 | 442.6 | 443.1 | 443.0 | 443.0 | 442.9 | 442.9 | 442.8 | 442.6 |
| 135° | 472.0 | 472.8 | 473.5 | 474.3 | 474.7 | 474.9 | 475.0 | 475.1 | 475.2 | 475.2 | 475.2 |
| 137.5° | 502.9 | 503.6 | 504.3 | 505.1 | 505.6 | 505.9 | 506.1 | 506.4 | 506.8 | 506.9 | 507.1 |
| 140° | 522.6 | 523.2 | 523.8 | 524.5 | 525.0 | 525.4 | 525.8 | 526.1 | 526.5 | 526.8 | 527.0 |
| 142.5° | 542.3 | 542.8 | 543.4 | 543.9 | 544.4 | 544.9 | 545.4 | 545.9 | 546.3 | 546.5 | 546.6 |
| 145° | 571.4 | 572.0 | 572.5 | 573.0 | 573.4 | 573.8 | 574.2 | 574.6 | 574.9 | 574.9 | 574.9 |
| 147.5° | 598.1 | 598.4 | 598.7 | 599.1 | 599.3 | 599.6 | 600.0 | 600.3 | 600.6 | 600.9 | 601.2 |
| 150° | 615.7 | 615.6 | 615.5 | 615.3 | 615.5 | 616.0 | 616.5 | 617.0 | 617.5 | 617.5 | 617.5 |
| 152.5° | 630.8 | 631.0 | 631.2 | 631.3 | 631.5 | 631.7 | 631.9 | 632.1 | 632.4 | 632.7 | 633.0 |
| 155° | 653.3 | 653.3 | 653.3 | 653.3 | 653.4 | 653.5 | 653.6 | 653.8 | 653.9 | 654.4 | 654.9 |
| 157.5° | 673.3 | 673.0 | 672.8 | 672.5 | 672.4 | 672.5 | 672.7 | 672.8 | 672.9 | 673.4 | 673.9 |
| 160° | 685.2 | 684.8 | 684.4 | 684.0 | 683.9 | 684.0 | 684.2 | 684.3 | 684.4 | 684.9 | 685.4 |
| 162.5° | 695.9 | 695.6 | 695.3 | 695.0 | 694.9 | 694.9 | 695.0 | 695.0 | 695.0 | 695.6 | 696.2 |
| 165° | 710.0 | 709.8 | 709.5 | 709.3 | 709.2 | 709.3 | 709.5 | 709.6 | 709.7 | 710.2 | 710.7 |
| 167.5° | 721.9 | 721.2 | 720.7 | 720.2 | 720.0 | 720.0 | 720.0 | 720.0 | 720.0 | 720.7 | 721.5 |
| 170° | 728.2 | 727.7 | 727.2 | 726.7 | 726.5 | 726.5 | 726.5 | 726.5 | 726.5 | 727.2 | 728.0 |
| 172.5° | 732.9 | 732.4 | 731.8 | 731.3 | 731.0 | 731.0 | 731.0 | 731.0 | 731.0 | 731.8 | 732.7 |
| 175° | 738.0 | 737.5 | 737.0 | 736.5 | 736.3 | 736.3 | 736.3 | 736.3 | 736.3 | 737.0 | 737.8 |
| 177.5° | 740.8 | 740.4 | 740.0 | 739.5 | 739.3 | 739.2 | 739.1 | 739.0 | 738.9 | 739.5 | 740.1 |
| 180° | 740.3 | 740.3 | 740.3 | 740.3 | 740.3 | 740.3 | 740.3 | 740.3 | 740.3 | 740.3 | 740.3 |



TEST NUMBER: P333215-840

CATALOG NUMBER: S125DIP-S850D590U840-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1235.5 | 1235.5 | 1235.5 | 1235.5 | 1235.5 | 1235.5 | 1235.5 |
| 2.5° | 1292.0 | 1295.5 | 1302.5 | 1300.0 | 1303.4 | 1305.0 | 1306.8 |
| 5° | 1396.4 | 1413.2 | 1420.6 | 1419.5 | 1430.5 | 1427.8 | 1425.2 |
| 7.5° | 1514.3 | 1532.0 | 1541.8 | 1554.1 | 1561.2 | 1561.7 | 1567.9 |
| 10° | 1581.0 | 1604.1 | 1613.6 | 1626.6 | 1635.0 | 1639.7 | 1639.2 |
| 12.5° | 1632.1 | 1650.2 | 1671.4 | 1677.8 | 1689.1 | 1695.1 | 1692.9 |
| 15° | 1693.7 | 1722.6 | 1744.6 | 1755.7 | 1769.8 | 1773.9 | 1779.8 |
| 17.5° | 1748.7 | 1787.4 | 1813.1 | 1847.2 | 1860.2 | 1868.0 | 1863.4 |
| 20° | 1790.2 | 1841.1 | 1866.8 | 1907.7 | 1930.3 | 1942.3 | 1938.1 |
| 22.5° | 1839.3 | 1894.4 | 1941.9 | 1977.3 | 2011.7 | 2027.9 | 2031.2 |
| 25° | 1923.4 | 1998.9 | 2068.7 | 2115.4 | 2157.8 | 2167.8 | 2189.8 |
| 27.5° | 2017.4 | 2106.5 | 2181.0 | 2230.1 | 2259.7 | 2270.8 | 2277.6 |
| 30° | 2076.6 | 2165.2 | 2221.3 | 2252.7 | 2262.2 | 2261.1 | 2260.1 |
| 32.5° | 2105.5 | 2161.0 | 2171.7 | 2162.9 | 2141.3 | 2123.1 | 2104.1 |
| 35° | 2064.5 | 2023.1 | 1961.2 | 1881.5 | 1822.7 | 1763.5 | 1757.7 |
| 37.5° | 1856.7 | 1724.2 | 1621.2 | 1506.2 | 1439.9 | 1398.9 | 1370.5 |
| 40° | 1661.2 | 1510.8 | 1385.9 | 1288.9 | 1221.2 | 1194.6 | 1168.3 |
| 42.5° | 1449.0 | 1305.1 | 1194.7 | 1113.6 | 1062.7 | 1033.0 | 1012.3 |
| 45° | 1177.2 | 1050.4 | 963.8 | 905.0 | 864.7 | 841.6 | 828.5 |
| 47.5° | 964.6 | 870.8 | 797.3 | 754.9 | 727.0 | 709.0 | 709.1 |
| 50° | 850.5 | 760.8 | 712.1 | 678.5 | 654.4 | 640.3 | 642.9 |
| 52.5° | 749.4 | 682.5 | 640.8 | 612.7 | 594.8 | 586.1 | 585.8 |
| 55° | 626.6 | 578.3 | 551.1 | 530.7 | 518.6 | 508.7 | 510.8 |
| 57.5° | 536.0 | 495.3 | 477.1 | 460.1 | 451.7 | 447.7 | 441.9 |
| 60° | 479.8 | 448.4 | 432.6 | 419.0 | 410.6 | 407.5 | 401.6 |
| 62.5° | 429.9 | 405.2 | 389.8 | 378.7 | 371.1 | 370.1 | 365.6 |
| 65° | 361.3 | 342.4 | 328.8 | 323.6 | 315.7 | 313.6 | 313.6 |
| 67.5° | 297.8 | 284.3 | 273.8 | 268.9 | 265.4 | 266.0 | 263.5 |
| 70° | 258.0 | 247.0 | 240.1 | 234.9 | 232.3 | 232.8 | 230.8 |
| 72.5° | 225.7 | 213.4 | 207.4 | 204.3 | 200.9 | 202.2 | 201.4 |
| 75° | 171.0 | 164.6 | 161.5 | 158.3 | 156.2 | 155.2 | 154.2 |
| 77.5° | 125.5 | 120.0 | 117.5 | 115.8 | 116.1 | 113.6 | 115.5 |
| 80° | 97.0 | 92.3 | 90.7 | 88.1 | 87.6 | 87.6 | 87.1 |
| 82.5° | 71.0 | 68.4 | 67.3 | 65.0 | 64.1 | 64.9 | 63.5 |
| 85° | 36.7 | 34.6 | 34.1 | 34.1 | 33.0 | 32.0 | 34.6 |
| 87.5° | 15.7 | 14.1 | 14.2 | 13.8 | 13.9 | 13.6 | 12.8 |
| 90° | 11.1 | 11.8 | 12.3 | 12.7 | 13.0 | 13.4 | 13.8 |
| 92.5° | 24.6 | 25.5 | 26.1 | 26.4 | 26.7 | 26.9 | 27.2 |
| 95° | 47.1 | 48.0 | 48.5 | 48.8 | 49.1 | 49.3 | 49.6 |
| 97.5° | 73.2 | 74.0 | 74.5 | 74.6 | 74.8 | 74.9 | 75.1 |
| 100° | 91.6 | 92.7 | 93.4 | 93.7 | 94.0 | 94.2 | 94.5 |
| 102.5° | 110.4 | 111.6 | 112.4 | 112.8 | 113.1 | 113.5 | 113.8 |
| 105° | 140.0 | 140.8 | 141.4 | 141.7 | 142.1 | 142.5 | 142.9 |
| 107.5° | 172.2 | 172.5 | 172.7 | 172.7 | 172.7 | 172.6 | 172.6 |
| 110° | 194.7 | 195.1 | 195.2 | 195.1 | 195.0 | 194.8 | 194.7 |



TEST NUMBER: P333215-840

CATALOG NUMBER: S125DIP-S850D590U840-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 217.1 | 217.3 | 217.3 | 217.1 | 216.8 | 216.6 | 216.4 |
| 115° | 251.4 | 251.3 | 251.2 | 251.0 | 250.9 | 250.7 | 250.6 |
| 117.5° | 286.2 | 286.3 | 286.1 | 285.6 | 285.1 | 284.6 | 284.0 |
| 120° | 309.3 | 309.3 | 309.1 | 308.6 | 308.1 | 307.6 | 307.1 |
| 122.5° | 332.1 | 332.0 | 331.7 | 331.3 | 330.9 | 330.5 | 330.1 |
| 125° | 365.7 | 365.4 | 365.2 | 365.1 | 365.0 | 364.8 | 364.7 |
| 127.5° | 399.2 | 399.1 | 398.9 | 398.6 | 398.4 | 398.1 | 397.9 |
| 130° | 421.3 | 421.2 | 421.0 | 420.7 | 420.5 | 420.2 | 420.0 |
| 132.5° | 442.5 | 442.4 | 442.1 | 441.8 | 441.4 | 441.1 | 440.7 |
| 135° | 475.2 | 475.2 | 475.0 | 474.5 | 474.0 | 473.5 | 473.0 |
| 137.5° | 507.2 | 507.4 | 507.2 | 506.4 | 505.8 | 505.2 | 504.5 |
| 140° | 527.4 | 527.6 | 527.4 | 526.7 | 526.1 | 525.4 | 524.8 |
| 142.5° | 546.8 | 546.9 | 546.7 | 546.1 | 545.4 | 544.8 | 544.2 |
| 145° | 574.9 | 574.9 | 574.7 | 574.4 | 574.0 | 573.6 | 573.2 |
| 147.5° | 601.5 | 601.8 | 601.5 | 600.6 | 599.8 | 598.8 | 598.0 |
| 150° | 617.5 | 617.5 | 617.4 | 617.2 | 616.9 | 616.7 | 616.4 |
| 152.5° | 633.3 | 633.6 | 633.5 | 633.0 | 632.6 | 632.1 | 631.7 |
| 155° | 655.4 | 655.9 | 655.9 | 655.2 | 654.6 | 653.9 | 653.3 |
| 157.5° | 674.4 | 674.9 | 674.8 | 673.9 | 673.1 | 672.3 | 671.4 |
| 160° | 685.9 | 686.4 | 686.4 | 685.8 | 685.1 | 684.5 | 683.9 |
| 162.5° | 696.8 | 697.5 | 697.4 | 696.7 | 695.9 | 695.2 | 694.4 |
| 165° | 711.2 | 711.9 | 711.7 | 710.9 | 710.1 | 709.3 | 708.6 |
| 167.5° | 722.4 | 723.1 | 723.1 | 722.3 | 721.4 | 720.6 | 719.9 |
| 170° | 728.7 | 729.5 | 729.4 | 728.6 | 727.7 | 726.8 | 725.9 |
| 172.5° | 733.4 | 734.2 | 734.2 | 733.4 | 732.6 | 731.7 | 730.9 |
| 175° | 738.5 | 739.3 | 739.2 | 738.4 | 737.5 | 736.6 | 735.7 |
| 177.5° | 740.7 | 741.3 | 741.3 | 740.6 | 739.9 | 739.1 | 738.4 |
| 180° | 740.3 | 740.3 | 740.3 | 740.3 | 740.3 | 740.3 | 740.3 |

(END OF REPORT)