

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: P333716-940

Luminaire Tested: **S125RDIW-S1090D1560U940-4F0-1E-UDD-A**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P333716-940
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-7,
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: S125RDIW-S1090D1560U940-4F0-1E-UDD-A
Description: DEFINE 5 DIRECT-INDIRECT WALL MOUNT LED LUMINAIRE
DOWNLIGHT 1090 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING
UPLIGHT 1560 LUMENS PER FOOT, NO LENS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9363.0 lumens
Efficiency: N/A
Efficacy: 122.2 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

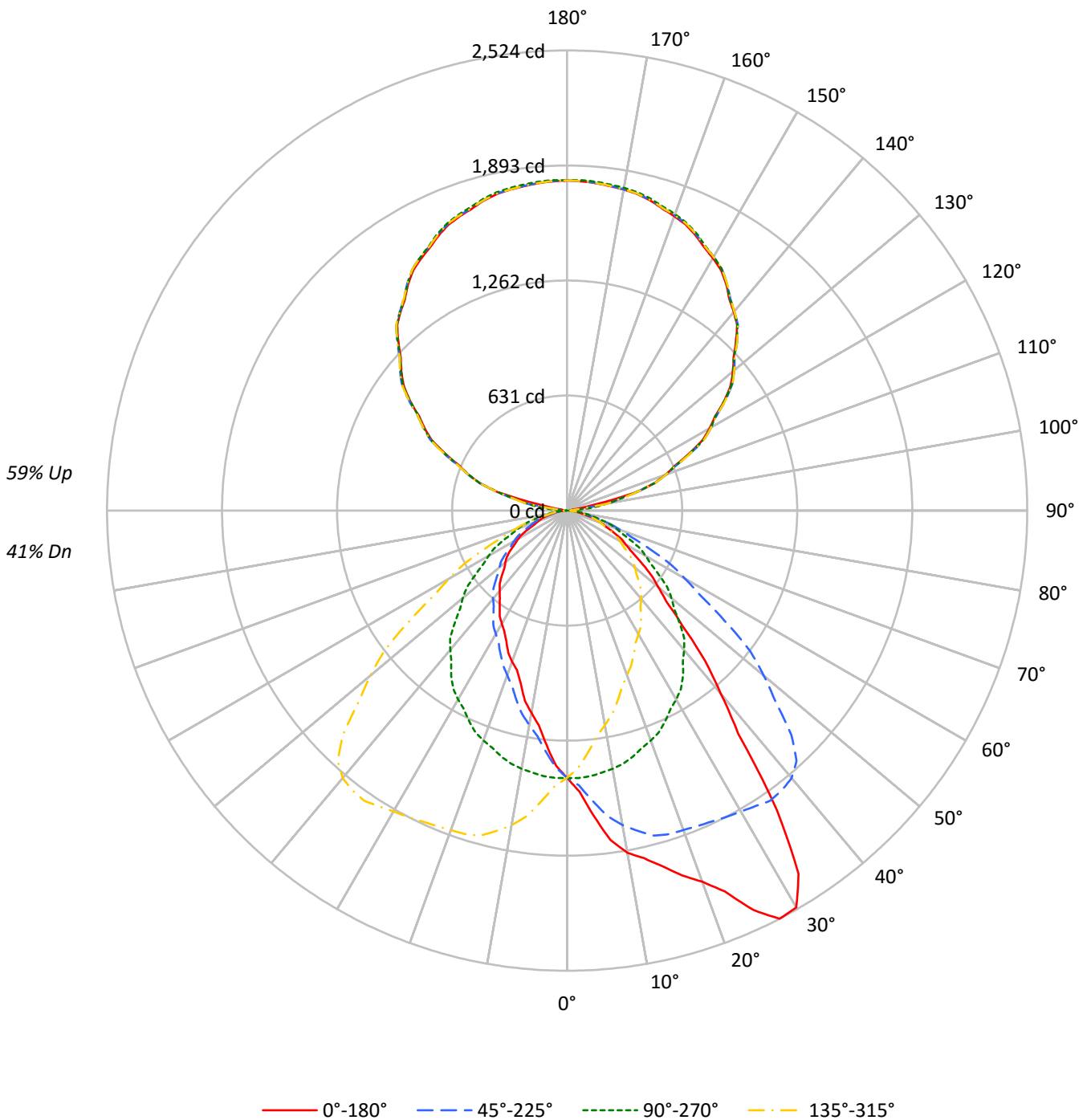
Input Watts (W): 76.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P333716-940

CATALOG NUMBER: S125RDIW-S1090D1560U940-4F0-1E-UDD-A

Luminous Intensity Polar Plot





TEST NUMBER: P333716-940

CATALOG NUMBER: S125RDIW-S1090D1560U940-4F0-1E-UDD-A

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

| | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| RF | 20 | | | | 20 | | | | 20 | | | | 20 | | | | 20 | |
| RC | 80 | | | | 70 | | | | 50 | | | | 30 | | | | 10 | 0 |
| RW | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0 |
| RCR | | | | | | | | | | | | | | | | | | |
| 0 | 105 | 105 | 105 | 105 | 96 | 96 | 96 | 96 | 78 | 78 | 78 | 62 | 62 | 62 | 47 | 47 | 47 | 41 |
| 1 | 96 | 92 | 88 | 85 | 87 | 84 | 81 | 78 | 69 | 67 | 65 | 55 | 54 | 52 | 43 | 42 | 41 | 35 |
| 2 | 88 | 81 | 75 | 70 | 80 | 74 | 69 | 64 | 61 | 57 | 54 | 49 | 46 | 44 | 38 | 36 | 35 | 30 |
| 3 | 80 | 71 | 64 | 58 | 73 | 65 | 59 | 54 | 54 | 49 | 46 | 43 | 40 | 38 | 34 | 32 | 30 | 26 |
| 4 | 73 | 63 | 55 | 50 | 67 | 58 | 51 | 46 | 48 | 43 | 39 | 39 | 35 | 33 | 30 | 28 | 26 | 22 |
| 5 | 67 | 56 | 48 | 43 | 61 | 52 | 45 | 40 | 43 | 38 | 34 | 35 | 31 | 28 | 27 | 25 | 23 | 19 |
| 6 | 62 | 50 | 43 | 37 | 56 | 46 | 39 | 34 | 39 | 33 | 30 | 32 | 28 | 25 | 25 | 22 | 20 | 17 |
| 7 | 57 | 45 | 38 | 32 | 52 | 42 | 35 | 30 | 35 | 30 | 26 | 29 | 25 | 22 | 23 | 20 | 18 | 15 |
| 8 | 53 | 41 | 34 | 29 | 48 | 38 | 31 | 27 | 32 | 27 | 23 | 26 | 22 | 20 | 21 | 18 | 16 | 14 |
| 9 | 50 | 38 | 30 | 25 | 45 | 35 | 28 | 24 | 29 | 24 | 21 | 24 | 20 | 18 | 19 | 17 | 15 | 12 |
| 10 | 46 | 34 | 27 | 23 | 42 | 32 | 26 | 21 | 27 | 22 | 19 | 22 | 19 | 16 | 18 | 15 | 13 | 11 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|------|------|------|
| 0° | 9469 | 9469 | 9469 | 9469 |
| 5° | 10893 | 9481 | 8373 | 9481 |
| 10° | 12496 | 9433 | 7389 | 9433 |
| 15° | 13497 | 9336 | 6567 | 9336 |
| 20° | 14882 | 9224 | 6064 | 9224 |
| 25° | 17224 | 9075 | 5627 | 9075 |
| 30° | 18744 | 8918 | 5341 | 8918 |
| 35° | 15811 | 8736 | 5077 | 8736 |
| 40° | 11042 | 8408 | 4850 | 8408 |
| 45° | 8191 | 7965 | 4629 | 7965 |
| 50° | 6531 | 7504 | 4439 | 7504 |
| 55° | 5543 | 6933 | 4270 | 6933 |
| 60° | 4790 | 6421 | 3995 | 6421 |
| 65° | 4268 | 5868 | 3440 | 5868 |
| 70° | 3750 | 5374 | 3136 | 5374 |
| 75° | 3244 | 4654 | 2944 | 4654 |
| 80° | 2462 | 3916 | 2462 | 3916 |
| 85° | 2045 | 3083 | 2319 | 3083 |



TEST NUMBER: P333716-940

CATALOG NUMBER: S125RDIW-S1090D1560U940-4F0-1E-UDD-A

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 140.6 | 1.5 |
| 10°-20° | 412.0 | 4.4 |
| 20°-30° | 653.3 | 7.0 |
| 30°-40° | 787.8 | 8.4 |
| 40°-50° | 703.5 | 7.5 |
| 50°-60° | 539.5 | 5.8 |
| 60°-70° | 350.6 | 3.7 |
| 70°-80° | 170.5 | 1.8 |
| 80°-90° | 44.5 | 0.5 |
| 90°-100° | 65.8 | 0.7 |
| 100°-110° | 405.6 | 4.3 |
| 110°-120° | 735.5 | 7.9 |
| 120°-130° | 944.0 | 10.1 |
| 130°-140° | 1015.3 | 10.8 |
| 140°-150° | 953.0 | 10.2 |
| 150°-160° | 770.9 | 8.2 |
| 160°-170° | 498.6 | 5.3 |
| 170°-180° | 172.0 | 1.8 |
| 0°-30° | 1205.9 | 12.9 |
| 0°-40° | 1993.7 | 21.3 |
| 0°-60° | 3236.7 | 34.6 |
| 0°-90° | 3802.2 | 40.6 |
| 90°-120° | 1206.9 | 12.9 |
| 90°-150° | 4119.2 | 44.0 |
| 90°-180° | 5561.0 | 59.4 |
| 0°-180° | 9363.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 1466 | 1466 | 1466 | 1466 | 1466 | |
| 5° | 1680 | 1462 | 1292 | 1462 | 1680 | 168 |
| 15° | 2019 | 1396 | 982 | 1396 | 2019 | 578 |
| 25° | 2417 | 1274 | 790 | 1274 | 2417 | 1110 |
| 35° | 2005 | 1108 | 644 | 1108 | 2005 | 1211 |
| 45° | 897 | 872 | 507 | 872 | 897 | 716 |
| 55° | 492 | 616 | 379 | 616 | 492 | 447 |
| 65° | 279 | 384 | 225 | 384 | 279 | 278 |
| 75° | 130 | 186 | 118 | 186 | 130 | 138 |
| 85° | 28 | 42 | 31 | 42 | 28 | 33 |
| 90° | 32 | 1 | 32 | 1 | 32 | 15 |
| 95° | 28 | 76 | 28 | 76 | 28 | 23 |
| 105° | 399 | 395 | 399 | 395 | 399 | 360 |
| 115° | 736 | 741 | 736 | 741 | 736 | 730 |
| 125° | 1054 | 1054 | 1054 | 1054 | 1054 | 937 |
| 135° | 1309 | 1314 | 1309 | 1314 | 1309 | 1010 |
| 145° | 1520 | 1524 | 1520 | 1524 | 1520 | 949 |
| 155° | 1666 | 1678 | 1666 | 1678 | 1666 | 768 |
| 165° | 1761 | 1771 | 1761 | 1771 | 1761 | 497 |
| 175° | 1803 | 1811 | 1803 | 1811 | 1803 | 172 |
| 180° | 1811 | 1811 | 1811 | 1811 | 1811 | |



TEST NUMBER: P333716-940

CATALOG NUMBER: S125RDIW-S1090D1560U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1466.2 | 1466.2 | 1466.2 | 1466.2 | 1466.2 | 1466.2 | 1466.2 | 1466.2 | 1466.2 | 1466.2 | 1466.2 |
| 2.5° | 1542.2 | 1541.2 | 1543.2 | 1537.8 | 1538.4 | 1530.2 | 1530.2 | 1523.9 | 1515.7 | 1509.5 | 1506.5 |
| 5° | 1680.3 | 1681.6 | 1679.2 | 1670.2 | 1664.1 | 1655.1 | 1644.8 | 1626.8 | 1611.8 | 1597.3 | 1585.9 |
| 7.5° | 1822.7 | 1823.5 | 1815.5 | 1812.8 | 1797.6 | 1786.5 | 1763.8 | 1739.2 | 1717.4 | 1689.8 | 1668.6 |
| 10° | 1905.5 | 1904.9 | 1896.4 | 1889.8 | 1876.6 | 1859.8 | 1837.5 | 1808.6 | 1781.5 | 1751.4 | 1722.5 |
| 12.5° | 1953.6 | 1952.0 | 1949.4 | 1941.3 | 1929.0 | 1914.1 | 1895.2 | 1866.8 | 1833.4 | 1800.5 | 1766.8 |
| 15° | 2018.7 | 2014.4 | 2006.6 | 1996.4 | 1978.9 | 1961.4 | 1940.4 | 1915.1 | 1883.2 | 1845.8 | 1814.6 |
| 17.5° | 2099.0 | 2099.2 | 2087.1 | 2072.9 | 2049.2 | 2018.4 | 1985.8 | 1945.1 | 1901.8 | 1860.7 | 1827.4 |
| 20° | 2165.4 | 2163.6 | 2151.6 | 2124.0 | 2096.9 | 2058.3 | 2021.1 | 1971.0 | 1918.1 | 1864.6 | 1823.0 |
| 22.5° | 2260.8 | 2256.1 | 2243.5 | 2207.3 | 2165.3 | 2115.7 | 2058.6 | 1997.5 | 1933.5 | 1872.7 | 1818.2 |
| 25° | 2417.1 | 2413.4 | 2388.7 | 2346.6 | 2287.7 | 2211.2 | 2136.5 | 2052.9 | 1960.9 | 1880.8 | 1814.6 |
| 27.5° | 2523.9 | 2520.0 | 2501.7 | 2466.7 | 2412.3 | 2331.8 | 2230.8 | 2119.0 | 2004.0 | 1893.9 | 1798.5 |
| 30° | 2513.4 | 2522.4 | 2520.0 | 2503.7 | 2462.8 | 2390.6 | 2297.3 | 2171.5 | 2034.9 | 1905.5 | 1791.7 |
| 32.5° | 2362.1 | 2370.3 | 2391.4 | 2423.3 | 2425.7 | 2396.8 | 2327.1 | 2211.0 | 2069.6 | 1922.4 | 1786.5 |
| 35° | 2005.4 | 2016.2 | 2057.2 | 2121.6 | 2205.8 | 2276.2 | 2290.6 | 2228.0 | 2101.0 | 1942.8 | 1778.5 |
| 37.5° | 1541.7 | 1600.9 | 1635.4 | 1703.2 | 1830.5 | 1960.0 | 2084.6 | 2130.5 | 2076.3 | 1934.4 | 1765.6 |
| 40° | 1309.7 | 1324.1 | 1385.5 | 1461.9 | 1569.1 | 1703.9 | 1881.4 | 2009.6 | 2013.8 | 1915.1 | 1745.3 |
| 42.5° | 1120.9 | 1139.2 | 1181.3 | 1242.3 | 1334.1 | 1468.9 | 1652.3 | 1821.3 | 1899.7 | 1862.2 | 1718.9 |
| 45° | 896.8 | 910.6 | 941.3 | 988.3 | 1058.6 | 1170.0 | 1327.7 | 1523.3 | 1678.6 | 1739.4 | 1647.9 |
| 47.5° | 736.6 | 744.1 | 770.9 | 806.6 | 858.7 | 939.9 | 1061.9 | 1231.7 | 1418.0 | 1548.5 | 1535.7 |
| 50° | 650.0 | 658.4 | 678.9 | 706.0 | 749.9 | 818.5 | 916.1 | 1057.5 | 1249.5 | 1408.9 | 1440.8 |
| 52.5° | 582.6 | 589.6 | 602.4 | 627.9 | 664.2 | 716.9 | 795.7 | 923.6 | 1096.4 | 1266.0 | 1339.7 |
| 55° | 492.3 | 497.1 | 507.4 | 521.8 | 550.7 | 588.6 | 656.7 | 745.1 | 884.8 | 1055.6 | 1164.0 |
| 57.5° | 417.9 | 420.4 | 426.9 | 440.2 | 460.2 | 487.9 | 537.0 | 612.0 | 712.1 | 866.0 | 985.6 |
| 60° | 370.8 | 373.2 | 381.6 | 390.6 | 406.3 | 431.5 | 470.0 | 522.4 | 618.7 | 745.7 | 866.7 |
| 62.5° | 333.1 | 334.7 | 338.2 | 347.2 | 361.0 | 380.5 | 410.8 | 453.5 | 530.1 | 641.7 | 755.9 |
| 65° | 279.3 | 279.8 | 281.1 | 288.3 | 296.7 | 311.1 | 331.0 | 361.1 | 418.9 | 503.2 | 604.2 |
| 67.5° | 227.5 | 228.4 | 232.6 | 235.1 | 243.9 | 251.5 | 263.1 | 286.1 | 326.8 | 383.6 | 462.3 |
| 70° | 198.6 | 198.0 | 202.2 | 205.3 | 208.2 | 217.3 | 225.1 | 243.8 | 269.0 | 312.4 | 378.0 |
| 72.5° | 171.7 | 170.0 | 171.9 | 173.0 | 176.9 | 183.1 | 190.9 | 202.3 | 221.9 | 251.7 | 301.9 |
| 75° | 130.0 | 130.6 | 130.6 | 131.8 | 134.8 | 137.2 | 139.6 | 145.6 | 156.5 | 176.4 | 203.4 |
| 77.5° | 91.2 | 90.2 | 92.8 | 93.2 | 95.0 | 97.6 | 99.7 | 102.1 | 106.6 | 114.7 | 128.7 |
| 80° | 66.2 | 66.2 | 66.8 | 68.6 | 68.0 | 69.2 | 72.2 | 74.6 | 80.1 | 84.9 | 89.7 |
| 82.5° | 50.8 | 50.3 | 50.9 | 51.3 | 51.2 | 52.3 | 53.4 | 53.9 | 56.0 | 58.4 | 61.7 |
| 85° | 27.6 | 27.6 | 28.3 | 28.3 | 28.9 | 28.9 | 29.5 | 29.5 | 29.5 | 30.1 | 30.7 |
| 87.5° | 17.0 | 16.4 | 15.7 | 15.5 | 15.9 | 16.6 | 15.8 | 15.0 | 14.7 | 14.4 | 14.4 |
| 90° | 32.2 | 31.3 | 30.4 | 29.5 | 28.6 | 27.5 | 25.9 | 24.4 | 23.0 | 21.5 | 19.4 |
| 92.5° | 30.1 | 29.7 | 29.2 | 28.8 | 28.4 | 27.5 | 25.9 | 24.4 | 23.0 | 21.5 | 19.6 |
| 95° | 28.2 | 28.2 | 28.2 | 28.2 | 28.2 | 27.5 | 25.9 | 24.4 | 23.0 | 21.5 | 32.8 |
| 97.5° | 28.2 | 28.2 | 28.2 | 28.2 | 28.2 | 32.4 | 40.8 | 49.2 | 57.6 | 66.1 | 88.5 |
| 100° | 28.2 | 29.4 | 30.6 | 31.7 | 33.0 | 55.8 | 100.2 | 144.6 | 189.1 | 233.5 | 232.4 |
| 102.5° | 168.9 | 189.1 | 209.5 | 229.7 | 250.0 | 264.4 | 272.8 | 281.2 | 289.6 | 298.0 | 297.3 |
| 105° | 398.7 | 399.0 | 399.3 | 399.6 | 399.8 | 400.0 | 400.0 | 400.0 | 400.0 | 400.0 | 400.0 |
| 107.5° | 502.6 | 503.5 | 504.4 | 505.2 | 506.1 | 506.6 | 506.5 | 506.5 | 506.4 | 506.3 | 505.8 |
| 110° | 574.5 | 574.3 | 573.9 | 573.6 | 573.4 | 573.6 | 574.5 | 575.4 | 576.3 | 577.2 | 576.6 |



TEST NUMBER: P333716-940

CATALOG NUMBER: S125RDIW-S1090D1560U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 638.9 | 639.4 | 639.8 | 640.2 | 640.6 | 641.4 | 642.6 | 643.6 | 644.8 | 646.0 | 645.6 |
| 115° | 735.6 | 737.4 | 739.1 | 741.0 | 742.8 | 744.2 | 745.5 | 746.6 | 747.8 | 749.0 | 748.8 |
| 117.5° | 838.7 | 839.5 | 840.3 | 841.1 | 841.8 | 842.9 | 844.5 | 846.1 | 847.6 | 849.2 | 848.0 |
| 120° | 902.1 | 903.6 | 905.0 | 906.5 | 908.0 | 909.1 | 909.6 | 910.3 | 910.9 | 911.4 | 910.5 |
| 122.5° | 962.2 | 963.9 | 965.6 | 967.4 | 969.1 | 970.3 | 970.9 | 971.4 | 972.1 | 972.7 | 972.2 |
| 125° | 1053.7 | 1054.6 | 1055.5 | 1056.4 | 1057.3 | 1058.4 | 1059.5 | 1060.8 | 1061.9 | 1063.1 | 1063.1 |
| 127.5° | 1130.8 | 1133.0 | 1135.2 | 1137.4 | 1139.6 | 1141.0 | 1141.7 | 1142.4 | 1143.0 | 1143.7 | 1143.9 |
| 130° | 1186.6 | 1188.1 | 1189.6 | 1191.1 | 1192.6 | 1193.8 | 1194.7 | 1195.6 | 1196.5 | 1197.4 | 1197.0 |
| 132.5° | 1238.1 | 1239.7 | 1241.2 | 1242.7 | 1244.1 | 1245.0 | 1245.2 | 1245.4 | 1245.5 | 1245.7 | 1246.3 |
| 135° | 1308.8 | 1310.5 | 1312.3 | 1314.1 | 1315.9 | 1317.1 | 1317.8 | 1318.3 | 1318.9 | 1319.6 | 1320.1 |
| 137.5° | 1379.7 | 1381.2 | 1382.8 | 1384.3 | 1385.9 | 1386.6 | 1386.4 | 1386.3 | 1386.3 | 1386.1 | 1386.6 |
| 140° | 1421.6 | 1423.3 | 1425.1 | 1426.9 | 1428.7 | 1429.3 | 1428.7 | 1428.1 | 1427.5 | 1426.9 | 1427.2 |
| 142.5° | 1461.2 | 1463.0 | 1464.8 | 1466.6 | 1468.5 | 1469.3 | 1469.2 | 1469.0 | 1468.9 | 1468.8 | 1468.4 |
| 145° | 1519.6 | 1521.3 | 1523.1 | 1524.9 | 1526.7 | 1527.4 | 1527.1 | 1526.9 | 1526.5 | 1526.3 | 1526.3 |
| 147.5° | 1567.6 | 1569.8 | 1571.9 | 1574.0 | 1576.2 | 1577.1 | 1576.7 | 1576.4 | 1576.0 | 1575.7 | 1575.3 |
| 150° | 1598.7 | 1601.2 | 1603.5 | 1605.9 | 1608.3 | 1609.2 | 1608.6 | 1607.9 | 1607.4 | 1606.8 | 1606.1 |
| 152.5° | 1627.7 | 1629.9 | 1632.0 | 1634.1 | 1636.3 | 1637.1 | 1636.5 | 1635.9 | 1635.3 | 1634.7 | 1634.1 |
| 155° | 1665.8 | 1668.2 | 1670.6 | 1673.0 | 1675.3 | 1676.1 | 1675.3 | 1674.4 | 1673.5 | 1672.6 | 1672.0 |
| 157.5° | 1697.8 | 1700.1 | 1702.5 | 1705.0 | 1707.4 | 1708.1 | 1707.1 | 1706.1 | 1705.2 | 1704.2 | 1704.1 |
| 160° | 1718.2 | 1720.6 | 1723.0 | 1725.4 | 1727.8 | 1728.3 | 1727.2 | 1725.9 | 1724.7 | 1723.6 | 1723.2 |
| 162.5° | 1736.4 | 1739.1 | 1741.7 | 1744.4 | 1747.0 | 1747.4 | 1745.8 | 1744.1 | 1742.4 | 1740.7 | 1740.4 |
| 165° | 1761.1 | 1763.5 | 1765.9 | 1768.4 | 1770.7 | 1771.0 | 1769.2 | 1767.4 | 1765.6 | 1763.8 | 1763.5 |
| 167.5° | 1778.3 | 1781.0 | 1783.7 | 1786.4 | 1789.0 | 1789.3 | 1787.2 | 1785.0 | 1782.9 | 1780.7 | 1780.5 |
| 170° | 1788.0 | 1790.6 | 1793.4 | 1796.1 | 1798.8 | 1798.8 | 1796.5 | 1794.1 | 1791.7 | 1789.3 | 1789.0 |
| 172.5° | 1794.5 | 1797.2 | 1799.8 | 1802.5 | 1805.2 | 1805.4 | 1803.3 | 1801.2 | 1799.0 | 1796.9 | 1796.4 |
| 175° | 1802.8 | 1805.4 | 1808.1 | 1810.8 | 1813.5 | 1813.7 | 1811.2 | 1808.8 | 1806.5 | 1804.1 | 1803.8 |
| 177.5° | 1807.6 | 1809.5 | 1811.4 | 1813.3 | 1815.3 | 1815.3 | 1813.7 | 1812.0 | 1810.4 | 1808.7 | 1808.4 |
| 180° | 1810.8 | 1810.8 | 1810.8 | 1810.8 | 1810.8 | 1810.8 | 1810.8 | 1810.8 | 1810.8 | 1810.8 | 1810.8 |



TEST NUMBER: P333716-940

CATALOG NUMBER: S125RDIW-S1090D1560U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1466.2 | 1466.2 | 1466.2 | 1466.2 | 1466.2 | 1466.2 | 1466.2 | 1466.2 | 1466.2 | 1466.2 | 1466.2 |
| 2.5° | 1506.5 | 1503.2 | 1496.9 | 1491.1 | 1483.9 | 1477.7 | 1473.4 | 1468.0 | 1461.3 | 1453.1 | 1446.4 |
| 5° | 1573.2 | 1560.0 | 1542.6 | 1527.5 | 1508.2 | 1493.2 | 1477.6 | 1462.5 | 1447.4 | 1428.2 | 1411.3 |
| 7.5° | 1647.2 | 1619.8 | 1593.2 | 1559.8 | 1529.5 | 1502.4 | 1476.3 | 1450.0 | 1424.2 | 1396.9 | 1370.6 |
| 10° | 1692.4 | 1659.3 | 1622.6 | 1580.5 | 1541.9 | 1505.2 | 1471.5 | 1438.4 | 1403.6 | 1372.8 | 1339.7 |
| 12.5° | 1734.8 | 1692.0 | 1650.0 | 1596.9 | 1550.6 | 1505.7 | 1462.9 | 1421.6 | 1384.3 | 1344.4 | 1308.9 |
| 15° | 1773.1 | 1730.9 | 1684.0 | 1619.0 | 1554.6 | 1500.4 | 1449.8 | 1396.3 | 1350.0 | 1305.4 | 1265.7 |
| 17.5° | 1787.9 | 1743.7 | 1689.2 | 1626.7 | 1556.3 | 1488.2 | 1423.0 | 1364.3 | 1309.7 | 1257.8 | 1213.2 |
| 20° | 1782.1 | 1739.4 | 1683.4 | 1623.8 | 1548.5 | 1477.6 | 1407.1 | 1342.1 | 1281.4 | 1226.5 | 1179.0 |
| 22.5° | 1768.1 | 1723.9 | 1669.9 | 1607.0 | 1535.5 | 1460.2 | 1385.0 | 1315.6 | 1252.0 | 1195.2 | 1143.4 |
| 25° | 1747.2 | 1687.0 | 1631.7 | 1570.2 | 1502.3 | 1427.6 | 1350.0 | 1273.5 | 1205.5 | 1147.7 | 1091.2 |
| 27.5° | 1725.4 | 1650.3 | 1579.8 | 1518.9 | 1447.0 | 1380.4 | 1305.6 | 1227.2 | 1155.7 | 1096.8 | 1038.8 |
| 30° | 1705.7 | 1621.4 | 1543.7 | 1474.5 | 1406.5 | 1343.4 | 1272.3 | 1195.9 | 1122.5 | 1061.7 | 1002.7 |
| 32.5° | 1681.1 | 1591.5 | 1506.2 | 1426.4 | 1360.8 | 1298.1 | 1233.8 | 1160.7 | 1089.2 | 1026.5 | 966.6 |
| 35° | 1650.3 | 1536.0 | 1443.2 | 1358.3 | 1285.6 | 1224.8 | 1167.0 | 1108.0 | 1036.4 | 971.4 | 913.0 |
| 37.5° | 1609.8 | 1480.1 | 1372.8 | 1280.4 | 1203.5 | 1142.5 | 1096.9 | 1043.0 | 977.7 | 915.4 | 861.2 |
| 40° | 1585.3 | 1439.7 | 1322.2 | 1230.8 | 1150.1 | 1085.7 | 1043.0 | 997.3 | 937.7 | 879.3 | 825.1 |
| 42.5° | 1552.6 | 1402.6 | 1271.2 | 1175.9 | 1094.8 | 1032.8 | 989.5 | 949.6 | 899.6 | 844.6 | 786.6 |
| 45° | 1488.4 | 1330.7 | 1192.8 | 1090.6 | 1008.7 | 947.9 | 907.6 | 872.1 | 834.2 | 783.6 | 733.1 |
| 47.5° | 1404.8 | 1255.7 | 1111.5 | 999.8 | 919.6 | 863.2 | 824.0 | 796.0 | 768.9 | 725.9 | 676.8 |
| 50° | 1337.9 | 1194.1 | 1053.2 | 944.9 | 859.4 | 805.8 | 769.2 | 746.9 | 722.2 | 683.1 | 642.2 |
| 52.5° | 1258.9 | 1130.5 | 992.6 | 881.8 | 801.2 | 751.0 | 715.7 | 693.5 | 673.2 | 641.2 | 602.2 |
| 55° | 1134.5 | 1022.0 | 895.5 | 795.0 | 721.0 | 670.5 | 636.8 | 615.7 | 603.7 | 576.6 | 545.9 |
| 57.5° | 990.9 | 910.3 | 798.8 | 701.9 | 636.4 | 586.5 | 561.8 | 543.9 | 530.2 | 511.1 | 489.5 |
| 60° | 890.7 | 834.2 | 734.2 | 642.2 | 582.0 | 534.4 | 512.2 | 497.1 | 484.5 | 468.2 | 451.4 |
| 62.5° | 789.2 | 748.0 | 661.1 | 582.0 | 526.6 | 486.8 | 465.9 | 452.4 | 437.8 | 426.9 | 410.5 |
| 65° | 653.0 | 616.3 | 556.1 | 494.1 | 443.0 | 411.1 | 396.0 | 384.0 | 375.0 | 362.9 | 351.5 |
| 67.5° | 508.0 | 493.0 | 451.5 | 408.8 | 372.0 | 343.7 | 330.6 | 322.3 | 311.4 | 304.2 | 296.3 |
| 70° | 418.9 | 411.7 | 382.2 | 353.9 | 319.6 | 300.3 | 288.3 | 284.6 | 271.4 | 264.2 | 258.8 |
| 72.5° | 339.9 | 336.5 | 319.6 | 300.0 | 275.8 | 259.0 | 247.8 | 243.8 | 235.3 | 229.5 | 226.0 |
| 75° | 232.9 | 234.2 | 231.1 | 218.5 | 209.5 | 198.6 | 189.0 | 186.5 | 180.6 | 175.8 | 172.7 |
| 77.5° | 147.3 | 153.5 | 153.7 | 153.1 | 149.5 | 142.9 | 138.9 | 137.1 | 131.2 | 129.4 | 128.7 |
| 80° | 101.1 | 107.7 | 113.8 | 113.2 | 111.9 | 110.1 | 107.1 | 105.3 | 102.3 | 100.5 | 99.3 |
| 82.5° | 67.4 | 73.6 | 78.6 | 81.9 | 81.6 | 79.8 | 77.8 | 77.0 | 76.3 | 75.0 | 74.7 |
| 85° | 31.9 | 33.1 | 34.9 | 39.1 | 42.1 | 42.7 | 42.1 | 41.6 | 39.7 | 40.3 | 40.9 |
| 87.5° | 14.5 | 14.1 | 14.2 | 13.7 | 12.8 | 14.7 | 15.7 | 15.7 | 15.2 | 14.7 | 14.2 |
| 90° | 17.3 | 15.2 | 13.1 | 10.9 | 8.5 | 6.2 | 3.7 | 1.3 | 3.7 | 6.2 | 8.5 |
| 92.5° | 17.7 | 16.0 | 14.1 | 14.0 | 15.7 | 17.3 | 19.0 | 20.7 | 19.0 | 17.3 | 15.7 |
| 95° | 44.1 | 55.5 | 66.8 | 72.9 | 73.8 | 74.7 | 75.6 | 76.5 | 75.6 | 74.7 | 73.8 |
| 97.5° | 110.9 | 133.3 | 155.8 | 166.2 | 164.6 | 162.9 | 161.3 | 159.7 | 161.3 | 162.9 | 164.6 |
| 100° | 231.2 | 230.0 | 228.8 | 227.7 | 226.9 | 226.0 | 225.1 | 224.2 | 225.1 | 226.0 | 226.9 |
| 102.5° | 296.6 | 295.9 | 295.2 | 294.2 | 293.1 | 291.9 | 290.8 | 289.7 | 290.8 | 291.9 | 293.1 |
| 105° | 400.0 | 400.0 | 400.0 | 399.4 | 398.2 | 397.1 | 395.8 | 394.7 | 395.8 | 397.1 | 398.2 |
| 107.5° | 505.2 | 504.5 | 503.9 | 503.6 | 503.6 | 503.6 | 503.6 | 503.6 | 503.6 | 503.6 | 503.6 |
| 110° | 576.0 | 575.4 | 574.8 | 574.5 | 574.5 | 574.5 | 574.5 | 574.5 | 574.5 | 574.5 | 574.5 |



TEST NUMBER: P333716-940

CATALOG NUMBER: S125RDIW-S1090D1560U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 645.2 | 644.9 | 644.5 | 644.0 | 643.3 | 642.6 | 641.9 | 641.1 | 641.9 | 642.6 | 643.3 |
| 115° | 748.4 | 748.1 | 747.8 | 746.9 | 745.5 | 744.0 | 742.4 | 741.0 | 742.4 | 744.0 | 745.5 |
| 117.5° | 846.9 | 845.8 | 844.6 | 844.1 | 844.2 | 844.2 | 844.3 | 844.4 | 844.3 | 844.2 | 844.2 |
| 120° | 909.6 | 908.7 | 907.9 | 907.6 | 907.9 | 908.2 | 908.5 | 908.7 | 908.5 | 908.2 | 907.9 |
| 122.5° | 971.8 | 971.4 | 971.0 | 970.2 | 969.1 | 968.0 | 966.8 | 965.7 | 966.8 | 968.0 | 969.1 |
| 125° | 1063.1 | 1063.1 | 1063.1 | 1062.1 | 1060.0 | 1057.9 | 1055.8 | 1053.7 | 1055.8 | 1057.9 | 1060.0 |
| 127.5° | 1144.1 | 1144.2 | 1144.4 | 1143.7 | 1142.3 | 1140.8 | 1139.2 | 1137.7 | 1139.2 | 1140.8 | 1142.3 |
| 130° | 1196.8 | 1196.5 | 1196.1 | 1195.2 | 1193.8 | 1192.3 | 1190.8 | 1189.3 | 1190.8 | 1192.3 | 1193.8 |
| 132.5° | 1247.0 | 1247.7 | 1248.3 | 1247.8 | 1246.1 | 1244.3 | 1242.6 | 1240.8 | 1242.6 | 1244.3 | 1246.1 |
| 135° | 1320.7 | 1321.3 | 1321.9 | 1321.3 | 1319.6 | 1317.8 | 1315.9 | 1314.1 | 1315.9 | 1317.8 | 1319.6 |
| 137.5° | 1387.1 | 1387.7 | 1388.2 | 1387.8 | 1386.2 | 1384.6 | 1383.0 | 1381.5 | 1383.0 | 1384.6 | 1386.2 |
| 140° | 1427.5 | 1427.8 | 1428.1 | 1428.0 | 1427.4 | 1426.7 | 1426.2 | 1425.6 | 1426.2 | 1426.7 | 1427.4 |
| 142.5° | 1467.9 | 1467.6 | 1467.1 | 1466.7 | 1466.3 | 1466.0 | 1465.6 | 1465.3 | 1465.6 | 1466.0 | 1466.3 |
| 145° | 1526.3 | 1526.3 | 1526.3 | 1526.0 | 1525.4 | 1524.7 | 1524.1 | 1523.6 | 1524.1 | 1524.7 | 1525.4 |
| 147.5° | 1574.9 | 1574.6 | 1574.2 | 1574.0 | 1574.2 | 1574.3 | 1574.4 | 1574.6 | 1574.4 | 1574.3 | 1574.2 |
| 150° | 1605.6 | 1605.0 | 1604.4 | 1604.4 | 1605.0 | 1605.6 | 1606.1 | 1606.8 | 1606.1 | 1605.6 | 1605.0 |
| 152.5° | 1633.5 | 1632.9 | 1632.3 | 1632.6 | 1634.0 | 1635.3 | 1636.6 | 1637.9 | 1636.6 | 1635.3 | 1634.0 |
| 155° | 1671.3 | 1670.8 | 1670.2 | 1670.8 | 1672.6 | 1674.4 | 1676.1 | 1677.9 | 1676.1 | 1674.4 | 1672.6 |
| 157.5° | 1704.1 | 1704.1 | 1704.0 | 1704.5 | 1705.6 | 1706.6 | 1707.7 | 1708.8 | 1707.7 | 1706.6 | 1705.6 |
| 160° | 1723.0 | 1722.7 | 1722.3 | 1723.1 | 1724.9 | 1726.7 | 1728.5 | 1730.3 | 1728.5 | 1726.7 | 1724.9 |
| 162.5° | 1740.2 | 1739.8 | 1739.5 | 1740.3 | 1742.0 | 1743.9 | 1745.7 | 1747.5 | 1745.7 | 1743.9 | 1742.0 |
| 165° | 1763.3 | 1762.9 | 1762.6 | 1763.4 | 1765.1 | 1766.9 | 1768.8 | 1770.6 | 1768.8 | 1766.9 | 1765.1 |
| 167.5° | 1780.1 | 1779.9 | 1779.6 | 1780.3 | 1782.2 | 1784.0 | 1785.9 | 1787.7 | 1785.9 | 1784.0 | 1782.2 |
| 170° | 1788.8 | 1788.4 | 1788.1 | 1789.0 | 1791.1 | 1793.2 | 1795.3 | 1797.4 | 1795.3 | 1793.2 | 1791.1 |
| 172.5° | 1795.8 | 1795.3 | 1794.7 | 1795.5 | 1797.6 | 1799.7 | 1801.8 | 1803.8 | 1801.8 | 1799.7 | 1797.6 |
| 175° | 1803.5 | 1803.2 | 1803.0 | 1803.7 | 1805.4 | 1807.2 | 1809.0 | 1810.8 | 1809.0 | 1807.2 | 1805.4 |
| 177.5° | 1808.2 | 1807.9 | 1807.7 | 1808.3 | 1809.7 | 1811.2 | 1812.6 | 1814.0 | 1812.6 | 1811.2 | 1809.7 |
| 180° | 1810.8 | 1810.8 | 1810.8 | 1810.8 | 1810.8 | 1810.8 | 1810.8 | 1810.8 | 1810.8 | 1810.8 | 1810.8 |



TEST NUMBER: P333716-940

CATALOG NUMBER: S125RDIW-S1090D1560U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1466.2 | 1466.2 | 1466.2 | 1466.2 | 1466.2 | 1466.2 | 1466.2 | 1466.2 | 1466.2 | 1466.2 | 1466.2 |
| 2.5° | 1441.5 | 1434.9 | 1430.0 | 1420.4 | 1413.6 | 1410.8 | 1405.4 | 1404.0 | 1409.3 | 1405.4 | 1405.0 |
| 5° | 1398.7 | 1381.3 | 1367.4 | 1353.5 | 1338.5 | 1328.9 | 1314.5 | 1312.1 | 1308.4 | 1303.0 | 1301.8 |
| 7.5° | 1347.3 | 1324.5 | 1306.7 | 1283.9 | 1264.0 | 1248.0 | 1229.9 | 1221.4 | 1216.7 | 1209.7 | 1200.3 |
| 10° | 1312.6 | 1285.6 | 1261.5 | 1238.6 | 1214.0 | 1194.1 | 1176.0 | 1162.2 | 1153.2 | 1144.7 | 1141.1 |
| 12.5° | 1278.4 | 1250.9 | 1220.0 | 1192.4 | 1164.8 | 1142.5 | 1122.6 | 1113.6 | 1103.6 | 1093.7 | 1085.3 |
| 15° | 1225.4 | 1188.7 | 1154.9 | 1123.0 | 1099.6 | 1075.5 | 1056.2 | 1043.0 | 1028.0 | 1023.8 | 1007.5 |
| 17.5° | 1169.0 | 1133.0 | 1093.6 | 1060.0 | 1032.8 | 1006.3 | 985.1 | 970.1 | 958.8 | 943.3 | 935.8 |
| 20° | 1133.9 | 1091.2 | 1052.7 | 1022.0 | 991.8 | 960.6 | 938.9 | 926.2 | 915.4 | 902.8 | 896.8 |
| 22.5° | 1096.4 | 1054.5 | 1015.1 | 979.1 | 948.5 | 917.7 | 902.3 | 889.2 | 876.9 | 865.2 | 857.3 |
| 25° | 1041.2 | 999.1 | 957.5 | 920.2 | 888.3 | 866.0 | 848.0 | 832.9 | 826.3 | 814.9 | 806.5 |
| 27.5° | 986.7 | 941.9 | 898.8 | 861.6 | 836.6 | 814.6 | 799.8 | 787.8 | 775.9 | 765.9 | 758.6 |
| 30° | 951.5 | 905.8 | 858.8 | 829.4 | 802.9 | 781.8 | 765.5 | 754.1 | 745.1 | 736.1 | 730.7 |
| 32.5° | 916.4 | 869.2 | 827.5 | 795.7 | 770.6 | 752.4 | 735.7 | 724.8 | 715.2 | 705.3 | 698.8 |
| 35° | 860.1 | 811.9 | 778.2 | 746.9 | 722.2 | 705.3 | 693.9 | 678.3 | 670.5 | 663.3 | 656.7 |
| 37.5° | 807.7 | 762.9 | 726.5 | 699.0 | 677.5 | 660.8 | 646.0 | 637.6 | 627.9 | 621.4 | 615.9 |
| 40° | 769.2 | 728.3 | 695.2 | 666.3 | 650.6 | 632.0 | 618.1 | 607.3 | 600.0 | 591.7 | 585.6 |
| 42.5° | 734.5 | 696.4 | 664.3 | 638.3 | 618.8 | 603.1 | 589.7 | 578.9 | 569.7 | 563.7 | 558.7 |
| 45° | 685.5 | 647.6 | 616.3 | 592.2 | 574.2 | 559.1 | 545.3 | 539.8 | 527.8 | 520.6 | 518.2 |
| 47.5° | 634.8 | 600.9 | 570.7 | 548.5 | 530.0 | 515.8 | 502.7 | 491.7 | 485.1 | 478.0 | 474.1 |
| 50° | 600.7 | 568.1 | 539.8 | 518.2 | 500.2 | 484.5 | 472.4 | 465.2 | 456.2 | 449.6 | 444.8 |
| 52.5° | 566.5 | 536.4 | 508.1 | 487.4 | 471.7 | 456.1 | 442.6 | 435.4 | 426.9 | 422.6 | 419.3 |
| 55° | 517.6 | 485.7 | 461.6 | 441.1 | 424.9 | 410.5 | 397.8 | 390.6 | 385.2 | 380.9 | 379.8 |
| 57.5° | 462.3 | 436.9 | 414.6 | 396.1 | 379.2 | 365.7 | 354.6 | 347.8 | 343.0 | 342.3 | 338.8 |
| 60° | 426.1 | 403.2 | 382.8 | 362.9 | 348.5 | 335.8 | 326.2 | 318.3 | 313.5 | 313.0 | 311.7 |
| 62.5° | 390.0 | 368.1 | 349.1 | 331.6 | 318.6 | 306.5 | 297.3 | 288.6 | 285.6 | 282.7 | 280.0 |
| 65° | 336.4 | 316.6 | 301.0 | 287.0 | 273.2 | 263.0 | 254.0 | 248.6 | 241.9 | 238.4 | 231.8 |
| 67.5° | 283.8 | 268.4 | 253.4 | 241.7 | 230.9 | 221.1 | 213.7 | 205.6 | 201.2 | 198.2 | 193.4 |
| 70° | 249.1 | 237.1 | 222.1 | 209.5 | 201.0 | 193.2 | 187.2 | 178.2 | 175.1 | 172.7 | 170.3 |
| 72.5° | 216.4 | 205.8 | 193.2 | 183.0 | 174.5 | 167.2 | 160.2 | 156.0 | 153.0 | 150.6 | 149.2 |
| 75° | 170.3 | 160.1 | 149.3 | 142.0 | 136.0 | 130.0 | 126.4 | 123.4 | 122.2 | 121.5 | 119.1 |
| 77.5° | 125.1 | 119.7 | 111.0 | 105.2 | 101.2 | 98.8 | 95.6 | 94.0 | 93.9 | 91.2 | 90.4 |
| 80° | 95.7 | 92.6 | 85.4 | 83.0 | 80.1 | 77.7 | 75.8 | 72.9 | 69.8 | 68.6 | 66.8 |
| 82.5° | 71.2 | 68.1 | 65.3 | 61.3 | 58.9 | 57.4 | 55.6 | 54.5 | 54.9 | 53.2 | 52.3 |
| 85° | 37.9 | 34.9 | 33.7 | 33.1 | 31.9 | 33.1 | 32.5 | 31.9 | 31.3 | 30.7 | 31.3 |
| 87.5° | 14.2 | 14.6 | 14.6 | 16.0 | 15.0 | 15.9 | 16.1 | 16.0 | 16.2 | 16.6 | 16.3 |
| 90° | 10.9 | 13.1 | 15.2 | 17.3 | 19.4 | 21.5 | 23.0 | 24.4 | 25.9 | 27.5 | 28.6 |
| 92.5° | 14.0 | 14.1 | 16.0 | 17.7 | 19.6 | 21.5 | 23.0 | 24.4 | 25.9 | 27.5 | 28.4 |
| 95° | 72.9 | 66.8 | 55.5 | 44.1 | 32.8 | 21.5 | 23.0 | 24.4 | 25.9 | 27.5 | 28.2 |
| 97.5° | 166.2 | 155.8 | 133.3 | 110.9 | 88.5 | 66.1 | 57.6 | 49.2 | 40.8 | 32.4 | 28.2 |
| 100° | 227.7 | 228.8 | 230.0 | 231.2 | 232.4 | 233.5 | 189.1 | 144.6 | 100.2 | 55.8 | 33.0 |
| 102.5° | 294.2 | 295.2 | 295.9 | 296.6 | 297.3 | 298.0 | 289.6 | 281.2 | 272.8 | 264.4 | 250.0 |
| 105° | 399.4 | 400.0 | 400.0 | 400.0 | 400.0 | 400.0 | 400.0 | 400.0 | 400.0 | 400.0 | 399.8 |
| 107.5° | 503.6 | 503.9 | 504.5 | 505.2 | 505.8 | 506.3 | 506.4 | 506.5 | 506.5 | 506.6 | 506.1 |
| 110° | 574.5 | 574.8 | 575.4 | 576.0 | 576.6 | 577.2 | 576.3 | 575.4 | 574.5 | 573.6 | 573.4 |



TEST NUMBER: P333716-940

CATALOG NUMBER: S125RDIW-S1090D1560U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 644.0 | 644.5 | 644.9 | 645.2 | 645.6 | 646.0 | 644.8 | 643.6 | 642.6 | 641.4 | 640.6 |
| 115° | 746.9 | 747.8 | 748.1 | 748.4 | 748.8 | 749.0 | 747.8 | 746.6 | 745.5 | 744.2 | 742.8 |
| 117.5° | 844.1 | 844.6 | 845.8 | 846.9 | 848.0 | 849.2 | 847.6 | 846.1 | 844.5 | 842.9 | 841.8 |
| 120° | 907.6 | 907.9 | 908.7 | 909.6 | 910.5 | 911.4 | 910.9 | 910.3 | 909.6 | 909.1 | 908.0 |
| 122.5° | 970.2 | 971.0 | 971.4 | 971.8 | 972.2 | 972.7 | 972.1 | 971.4 | 970.9 | 970.3 | 969.1 |
| 125° | 1062.1 | 1063.1 | 1063.1 | 1063.1 | 1063.1 | 1063.1 | 1061.9 | 1060.8 | 1059.5 | 1058.4 | 1057.3 |
| 127.5° | 1143.7 | 1144.4 | 1144.2 | 1144.1 | 1143.9 | 1143.7 | 1143.0 | 1142.4 | 1141.7 | 1141.0 | 1139.6 |
| 130° | 1195.2 | 1196.1 | 1196.5 | 1196.8 | 1197.0 | 1197.4 | 1196.5 | 1195.6 | 1194.7 | 1193.8 | 1192.6 |
| 132.5° | 1247.8 | 1248.3 | 1247.7 | 1247.0 | 1246.3 | 1245.7 | 1245.5 | 1245.4 | 1245.2 | 1245.0 | 1244.1 |
| 135° | 1321.3 | 1321.9 | 1321.3 | 1320.7 | 1320.1 | 1319.6 | 1318.9 | 1318.3 | 1317.8 | 1317.1 | 1315.9 |
| 137.5° | 1387.8 | 1388.2 | 1387.7 | 1387.1 | 1386.6 | 1386.1 | 1386.3 | 1386.3 | 1386.4 | 1386.6 | 1385.9 |
| 140° | 1428.0 | 1428.1 | 1427.8 | 1427.5 | 1427.2 | 1426.9 | 1427.5 | 1428.1 | 1428.7 | 1429.3 | 1428.7 |
| 142.5° | 1466.7 | 1467.1 | 1467.6 | 1467.9 | 1468.4 | 1468.8 | 1468.9 | 1469.0 | 1469.2 | 1469.3 | 1468.5 |
| 145° | 1526.0 | 1526.3 | 1526.3 | 1526.3 | 1526.3 | 1526.3 | 1526.5 | 1526.9 | 1527.1 | 1527.4 | 1526.7 |
| 147.5° | 1574.0 | 1574.2 | 1574.6 | 1574.9 | 1575.3 | 1575.7 | 1576.0 | 1576.4 | 1576.7 | 1577.1 | 1576.2 |
| 150° | 1604.4 | 1604.4 | 1605.0 | 1605.6 | 1606.1 | 1606.8 | 1607.4 | 1607.9 | 1608.6 | 1609.2 | 1608.3 |
| 152.5° | 1632.6 | 1632.3 | 1632.9 | 1633.5 | 1634.1 | 1634.7 | 1635.3 | 1635.9 | 1636.5 | 1637.1 | 1636.3 |
| 155° | 1670.8 | 1670.2 | 1670.8 | 1671.3 | 1672.0 | 1672.6 | 1673.5 | 1674.4 | 1675.3 | 1676.1 | 1675.3 |
| 157.5° | 1704.5 | 1704.0 | 1704.1 | 1704.1 | 1704.1 | 1704.2 | 1705.2 | 1706.1 | 1707.1 | 1708.1 | 1707.4 |
| 160° | 1723.1 | 1722.3 | 1722.7 | 1723.0 | 1723.2 | 1723.6 | 1724.7 | 1725.9 | 1727.2 | 1728.3 | 1727.8 |
| 162.5° | 1740.3 | 1739.5 | 1739.8 | 1740.2 | 1740.4 | 1740.7 | 1742.4 | 1744.1 | 1745.8 | 1747.4 | 1747.0 |
| 165° | 1763.4 | 1762.6 | 1762.9 | 1763.3 | 1763.5 | 1763.8 | 1765.6 | 1767.4 | 1769.2 | 1771.0 | 1770.7 |
| 167.5° | 1780.3 | 1779.6 | 1779.9 | 1780.1 | 1780.5 | 1780.7 | 1782.9 | 1785.0 | 1787.2 | 1789.3 | 1789.0 |
| 170° | 1789.0 | 1788.1 | 1788.4 | 1788.8 | 1789.0 | 1789.3 | 1791.7 | 1794.1 | 1796.5 | 1798.8 | 1798.8 |
| 172.5° | 1795.5 | 1794.7 | 1795.3 | 1795.8 | 1796.4 | 1796.9 | 1799.0 | 1801.2 | 1803.3 | 1805.4 | 1805.2 |
| 175° | 1803.7 | 1803.0 | 1803.2 | 1803.5 | 1803.8 | 1804.1 | 1806.5 | 1808.8 | 1811.2 | 1813.7 | 1813.5 |
| 177.5° | 1808.3 | 1807.7 | 1807.9 | 1808.2 | 1808.4 | 1808.7 | 1810.4 | 1812.0 | 1813.7 | 1815.3 | 1815.3 |
| 180° | 1810.8 | 1810.8 | 1810.8 | 1810.8 | 1810.8 | 1810.8 | 1810.8 | 1810.8 | 1810.8 | 1810.8 | 1810.8 |



TEST NUMBER: P333716-940

CATALOG NUMBER: S125RDIW-S1090D1560U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1466.2 | 1466.2 | 1466.2 | 1466.2 | 1466.2 | 1466.2 | 1466.2 | 1466.2 | 1466.2 | 1466.2 | 1466.2 |
| 2.5° | 1404.4 | 1399.2 | 1397.8 | 1399.6 | 1397.8 | 1399.2 | 1404.4 | 1405.0 | 1405.4 | 1409.3 | 1404.0 |
| 5° | 1295.8 | 1289.8 | 1292.8 | 1291.6 | 1292.8 | 1289.8 | 1295.8 | 1301.8 | 1303.0 | 1308.4 | 1312.1 |
| 7.5° | 1200.2 | 1192.8 | 1184.8 | 1187.3 | 1184.8 | 1192.8 | 1200.2 | 1200.3 | 1209.7 | 1216.7 | 1221.4 |
| 10° | 1133.3 | 1127.3 | 1123.6 | 1126.7 | 1123.6 | 1127.3 | 1133.3 | 1141.1 | 1144.7 | 1153.2 | 1162.2 |
| 12.5° | 1076.9 | 1073.4 | 1070.2 | 1068.9 | 1070.2 | 1073.4 | 1076.9 | 1085.3 | 1093.7 | 1103.6 | 1113.6 |
| 15° | 1000.3 | 993.1 | 990.1 | 982.2 | 990.1 | 993.1 | 1000.3 | 1007.5 | 1023.8 | 1028.0 | 1043.0 |
| 17.5° | 929.6 | 927.2 | 919.4 | 916.1 | 919.4 | 927.2 | 929.6 | 935.8 | 943.3 | 958.8 | 970.1 |
| 20° | 887.7 | 885.3 | 877.5 | 882.3 | 877.5 | 885.3 | 887.7 | 896.8 | 902.8 | 915.4 | 926.2 |
| 22.5° | 853.1 | 847.7 | 845.3 | 843.8 | 845.3 | 847.7 | 853.1 | 857.3 | 865.2 | 876.9 | 889.2 |
| 25° | 804.1 | 796.2 | 793.3 | 789.6 | 793.3 | 796.2 | 804.1 | 806.5 | 814.9 | 826.3 | 832.9 |
| 27.5° | 755.2 | 751.0 | 747.0 | 746.1 | 747.0 | 751.0 | 755.2 | 758.6 | 765.9 | 775.9 | 787.8 |
| 30° | 723.4 | 719.3 | 716.2 | 716.2 | 716.2 | 719.3 | 723.4 | 730.7 | 736.1 | 745.1 | 754.1 |
| 32.5° | 695.0 | 691.8 | 688.8 | 688.3 | 688.8 | 691.8 | 695.0 | 698.8 | 705.3 | 715.2 | 724.8 |
| 35° | 653.6 | 648.8 | 647.6 | 644.0 | 647.6 | 648.8 | 653.6 | 656.7 | 663.3 | 670.5 | 678.3 |
| 37.5° | 610.6 | 606.6 | 606.5 | 606.2 | 606.5 | 606.6 | 610.6 | 615.9 | 621.4 | 627.9 | 637.6 |
| 40° | 583.2 | 580.1 | 579.6 | 575.3 | 579.6 | 580.1 | 583.2 | 585.6 | 591.7 | 600.0 | 607.3 |
| 42.5° | 553.8 | 552.2 | 550.2 | 548.4 | 550.2 | 552.2 | 553.8 | 558.7 | 563.7 | 569.7 | 578.9 |
| 45° | 514.0 | 509.8 | 509.8 | 506.8 | 509.8 | 509.8 | 514.0 | 518.2 | 520.6 | 527.8 | 539.8 |
| 47.5° | 472.8 | 469.6 | 469.9 | 466.8 | 469.9 | 469.6 | 472.8 | 474.1 | 478.0 | 485.1 | 491.7 |
| 50° | 445.4 | 443.5 | 443.0 | 441.8 | 443.0 | 443.5 | 445.4 | 444.8 | 449.6 | 456.2 | 465.2 |
| 52.5° | 417.9 | 417.1 | 419.4 | 416.7 | 419.4 | 417.1 | 417.9 | 419.3 | 422.6 | 426.9 | 435.4 |
| 55° | 380.9 | 379.2 | 382.8 | 379.2 | 382.8 | 379.2 | 380.9 | 379.8 | 380.9 | 385.2 | 390.6 |
| 57.5° | 338.5 | 336.8 | 340.0 | 338.2 | 340.0 | 336.8 | 338.5 | 338.8 | 342.3 | 343.0 | 347.8 |
| 60° | 310.6 | 306.9 | 308.7 | 309.3 | 308.7 | 306.9 | 310.6 | 311.7 | 313.0 | 313.5 | 318.3 |
| 62.5° | 277.3 | 275.2 | 276.5 | 273.8 | 276.5 | 275.2 | 277.3 | 280.0 | 282.7 | 285.6 | 288.6 |
| 65° | 230.5 | 228.7 | 226.3 | 225.1 | 226.3 | 228.7 | 230.5 | 231.8 | 238.4 | 241.9 | 248.6 |
| 67.5° | 193.7 | 189.3 | 189.2 | 190.2 | 189.2 | 189.3 | 193.7 | 193.4 | 198.2 | 201.2 | 205.6 |
| 70° | 166.7 | 166.7 | 166.1 | 166.1 | 166.1 | 166.7 | 166.7 | 170.3 | 172.7 | 175.1 | 178.2 |
| 72.5° | 147.9 | 147.5 | 146.3 | 145.9 | 146.3 | 147.5 | 147.9 | 149.2 | 150.6 | 153.0 | 156.0 |
| 75° | 119.1 | 119.8 | 118.6 | 118.0 | 118.6 | 119.8 | 119.1 | 119.1 | 121.5 | 122.2 | 123.4 |
| 77.5° | 88.0 | 85.4 | 86.8 | 85.4 | 86.8 | 85.4 | 88.0 | 90.4 | 91.2 | 93.9 | 94.0 |
| 80° | 66.8 | 66.2 | 68.0 | 66.2 | 68.0 | 66.2 | 66.8 | 66.8 | 68.6 | 69.8 | 72.9 |
| 82.5° | 52.9 | 52.3 | 53.1 | 51.7 | 53.1 | 52.3 | 52.9 | 52.3 | 53.2 | 54.9 | 54.5 |
| 85° | 31.9 | 31.3 | 30.7 | 31.3 | 30.7 | 31.3 | 31.9 | 31.3 | 30.7 | 31.3 | 31.9 |
| 87.5° | 16.9 | 16.7 | 16.9 | 17.0 | 16.9 | 16.7 | 16.9 | 16.3 | 16.6 | 16.2 | 16.0 |
| 90° | 29.5 | 30.4 | 31.3 | 32.2 | 31.3 | 30.4 | 29.5 | 28.6 | 27.5 | 25.9 | 24.4 |
| 92.5° | 28.8 | 29.2 | 29.7 | 30.1 | 29.7 | 29.2 | 28.8 | 28.4 | 27.5 | 25.9 | 24.4 |
| 95° | 28.2 | 28.2 | 28.2 | 28.2 | 28.2 | 28.2 | 28.2 | 28.2 | 27.5 | 25.9 | 24.4 |
| 97.5° | 28.2 | 28.2 | 28.2 | 28.2 | 28.2 | 28.2 | 28.2 | 28.2 | 32.4 | 40.8 | 49.2 |
| 100° | 31.7 | 30.6 | 29.4 | 28.2 | 29.4 | 30.6 | 31.7 | 33.0 | 55.8 | 100.2 | 144.6 |
| 102.5° | 229.7 | 209.5 | 189.1 | 168.9 | 189.1 | 209.5 | 229.7 | 250.0 | 264.4 | 272.8 | 281.2 |
| 105° | 399.6 | 399.3 | 399.0 | 398.7 | 399.0 | 399.3 | 399.6 | 399.8 | 400.0 | 400.0 | 400.0 |
| 107.5° | 505.2 | 504.4 | 503.5 | 502.6 | 503.5 | 504.4 | 505.2 | 506.1 | 506.6 | 506.5 | 506.5 |
| 110° | 573.6 | 573.9 | 574.3 | 574.5 | 574.3 | 573.9 | 573.6 | 573.4 | 573.6 | 574.5 | 575.4 |



TEST NUMBER: P333716-940

CATALOG NUMBER: S125RDIW-S1090D1560U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 640.2 | 639.8 | 639.4 | 638.9 | 639.4 | 639.8 | 640.2 | 640.6 | 641.4 | 642.6 | 643.6 |
| 115° | 741.0 | 739.1 | 737.4 | 735.6 | 737.4 | 739.1 | 741.0 | 742.8 | 744.2 | 745.5 | 746.6 |
| 117.5° | 841.1 | 840.3 | 839.5 | 838.7 | 839.5 | 840.3 | 841.1 | 841.8 | 842.9 | 844.5 | 846.1 |
| 120° | 906.5 | 905.0 | 903.6 | 902.1 | 903.6 | 905.0 | 906.5 | 908.0 | 909.1 | 909.6 | 910.3 |
| 122.5° | 967.4 | 965.6 | 963.9 | 962.2 | 963.9 | 965.6 | 967.4 | 969.1 | 970.3 | 970.9 | 971.4 |
| 125° | 1056.4 | 1055.5 | 1054.6 | 1053.7 | 1054.6 | 1055.5 | 1056.4 | 1057.3 | 1058.4 | 1059.5 | 1060.8 |
| 127.5° | 1137.4 | 1135.2 | 1133.0 | 1130.8 | 1133.0 | 1135.2 | 1137.4 | 1139.6 | 1141.0 | 1141.7 | 1142.4 |
| 130° | 1191.1 | 1189.6 | 1188.1 | 1186.6 | 1188.1 | 1189.6 | 1191.1 | 1192.6 | 1193.8 | 1194.7 | 1195.6 |
| 132.5° | 1242.7 | 1241.2 | 1239.7 | 1238.1 | 1239.7 | 1241.2 | 1242.7 | 1244.1 | 1245.0 | 1245.2 | 1245.4 |
| 135° | 1314.1 | 1312.3 | 1310.5 | 1308.8 | 1310.5 | 1312.3 | 1314.1 | 1315.9 | 1317.1 | 1317.8 | 1318.3 |
| 137.5° | 1384.3 | 1382.8 | 1381.2 | 1379.7 | 1381.2 | 1382.8 | 1384.3 | 1385.9 | 1386.6 | 1386.4 | 1386.3 |
| 140° | 1426.9 | 1425.1 | 1423.3 | 1421.6 | 1423.3 | 1425.1 | 1426.9 | 1428.7 | 1429.3 | 1428.7 | 1428.1 |
| 142.5° | 1466.6 | 1464.8 | 1463.0 | 1461.2 | 1463.0 | 1464.8 | 1466.6 | 1468.5 | 1469.3 | 1469.2 | 1469.0 |
| 145° | 1524.9 | 1523.1 | 1521.3 | 1519.6 | 1521.3 | 1523.1 | 1524.9 | 1526.7 | 1527.4 | 1527.1 | 1526.9 |
| 147.5° | 1574.0 | 1571.9 | 1569.8 | 1567.6 | 1569.8 | 1571.9 | 1574.0 | 1576.2 | 1577.1 | 1576.7 | 1576.4 |
| 150° | 1605.9 | 1603.5 | 1601.2 | 1598.7 | 1601.2 | 1603.5 | 1605.9 | 1608.3 | 1609.2 | 1608.6 | 1607.9 |
| 152.5° | 1634.1 | 1632.0 | 1629.9 | 1627.7 | 1629.9 | 1632.0 | 1634.1 | 1636.3 | 1637.1 | 1636.5 | 1635.9 |
| 155° | 1673.0 | 1670.6 | 1668.2 | 1665.8 | 1668.2 | 1670.6 | 1673.0 | 1675.3 | 1676.1 | 1675.3 | 1674.4 |
| 157.5° | 1705.0 | 1702.5 | 1700.1 | 1697.8 | 1700.1 | 1702.5 | 1705.0 | 1707.4 | 1708.1 | 1707.1 | 1706.1 |
| 160° | 1725.4 | 1723.0 | 1720.6 | 1718.2 | 1720.6 | 1723.0 | 1725.4 | 1727.8 | 1728.3 | 1727.2 | 1725.9 |
| 162.5° | 1744.4 | 1741.7 | 1739.1 | 1736.4 | 1739.1 | 1741.7 | 1744.4 | 1747.0 | 1747.4 | 1745.8 | 1744.1 |
| 165° | 1768.4 | 1765.9 | 1763.5 | 1761.1 | 1763.5 | 1765.9 | 1768.4 | 1770.7 | 1771.0 | 1769.2 | 1767.4 |
| 167.5° | 1786.4 | 1783.7 | 1781.0 | 1778.3 | 1781.0 | 1783.7 | 1786.4 | 1789.0 | 1789.3 | 1787.2 | 1785.0 |
| 170° | 1796.1 | 1793.4 | 1790.6 | 1788.0 | 1790.6 | 1793.4 | 1796.1 | 1798.8 | 1798.8 | 1796.5 | 1794.1 |
| 172.5° | 1802.5 | 1799.8 | 1797.2 | 1794.5 | 1797.2 | 1799.8 | 1802.5 | 1805.2 | 1805.4 | 1803.3 | 1801.2 |
| 175° | 1810.8 | 1808.1 | 1805.4 | 1802.8 | 1805.4 | 1808.1 | 1810.8 | 1813.5 | 1813.7 | 1811.2 | 1808.8 |
| 177.5° | 1813.3 | 1811.4 | 1809.5 | 1807.6 | 1809.5 | 1811.4 | 1813.3 | 1815.3 | 1815.3 | 1813.7 | 1812.0 |
| 180° | 1810.8 | 1810.8 | 1810.8 | 1810.8 | 1810.8 | 1810.8 | 1810.8 | 1810.8 | 1810.8 | 1810.8 | 1810.8 |



TEST NUMBER: P333716-940

CATALOG NUMBER: S125RDIW-S1090D1560U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1466.2 | 1466.2 | 1466.2 | 1466.2 | 1466.2 | 1466.2 | 1466.2 | 1466.2 | 1466.2 | 1466.2 | 1466.2 |
| 2.5° | 1405.4 | 1410.8 | 1413.6 | 1420.4 | 1430.0 | 1434.9 | 1441.5 | 1446.4 | 1453.1 | 1461.3 | 1468.0 |
| 5° | 1314.5 | 1328.9 | 1338.5 | 1353.5 | 1367.4 | 1381.3 | 1398.7 | 1411.3 | 1428.2 | 1447.4 | 1462.5 |
| 7.5° | 1229.9 | 1248.0 | 1264.0 | 1283.9 | 1306.7 | 1324.5 | 1347.3 | 1370.6 | 1396.9 | 1424.2 | 1450.0 |
| 10° | 1176.0 | 1194.1 | 1214.0 | 1238.6 | 1261.5 | 1285.6 | 1312.6 | 1339.7 | 1372.8 | 1403.6 | 1438.4 |
| 12.5° | 1122.6 | 1142.5 | 1164.8 | 1192.4 | 1220.0 | 1250.9 | 1278.4 | 1308.9 | 1344.4 | 1384.3 | 1421.6 |
| 15° | 1056.2 | 1075.5 | 1099.6 | 1123.0 | 1154.9 | 1188.7 | 1225.4 | 1265.7 | 1305.4 | 1350.0 | 1396.3 |
| 17.5° | 985.1 | 1006.3 | 1032.8 | 1060.0 | 1093.6 | 1133.0 | 1169.0 | 1213.2 | 1257.8 | 1309.7 | 1364.3 |
| 20° | 938.9 | 960.6 | 991.8 | 1022.0 | 1052.7 | 1091.2 | 1133.9 | 1179.0 | 1226.5 | 1281.4 | 1342.1 |
| 22.5° | 902.3 | 917.7 | 948.5 | 979.1 | 1015.1 | 1054.5 | 1096.4 | 1143.4 | 1195.2 | 1252.0 | 1315.6 |
| 25° | 848.0 | 866.0 | 888.3 | 920.2 | 957.5 | 999.1 | 1041.2 | 1091.2 | 1147.7 | 1205.5 | 1273.5 |
| 27.5° | 799.8 | 814.6 | 836.6 | 861.6 | 898.8 | 941.9 | 986.7 | 1038.8 | 1096.8 | 1155.7 | 1227.2 |
| 30° | 765.5 | 781.8 | 802.9 | 829.4 | 858.8 | 905.8 | 951.5 | 1002.7 | 1061.7 | 1122.5 | 1195.9 |
| 32.5° | 735.7 | 752.4 | 770.6 | 795.7 | 827.5 | 869.2 | 916.4 | 966.6 | 1026.5 | 1089.2 | 1160.7 |
| 35° | 693.9 | 705.3 | 722.2 | 746.9 | 778.2 | 811.9 | 860.1 | 913.0 | 971.4 | 1036.4 | 1108.0 |
| 37.5° | 646.0 | 660.8 | 677.5 | 699.0 | 726.5 | 762.9 | 807.7 | 861.2 | 915.4 | 977.7 | 1043.0 |
| 40° | 618.1 | 632.0 | 650.6 | 666.3 | 695.2 | 728.3 | 769.2 | 825.1 | 879.3 | 937.7 | 997.3 |
| 42.5° | 589.7 | 603.1 | 618.8 | 638.3 | 664.3 | 696.4 | 734.5 | 786.6 | 844.6 | 899.6 | 949.6 |
| 45° | 545.3 | 559.1 | 574.2 | 592.2 | 616.3 | 647.6 | 685.5 | 733.1 | 783.6 | 834.2 | 872.1 |
| 47.5° | 502.7 | 515.8 | 530.0 | 548.5 | 570.7 | 600.9 | 634.8 | 676.8 | 725.9 | 768.9 | 796.0 |
| 50° | 472.4 | 484.5 | 500.2 | 518.2 | 539.8 | 568.1 | 600.7 | 642.2 | 683.1 | 722.2 | 746.9 |
| 52.5° | 442.6 | 456.1 | 471.7 | 487.4 | 508.1 | 536.4 | 566.5 | 602.2 | 641.2 | 673.2 | 693.5 |
| 55° | 397.8 | 410.5 | 424.9 | 441.1 | 461.6 | 485.7 | 517.6 | 545.9 | 576.6 | 603.7 | 615.7 |
| 57.5° | 354.6 | 365.7 | 379.2 | 396.1 | 414.6 | 436.9 | 462.3 | 489.5 | 511.1 | 530.2 | 543.9 |
| 60° | 326.2 | 335.8 | 348.5 | 362.9 | 382.8 | 403.2 | 426.1 | 451.4 | 468.2 | 484.5 | 497.1 |
| 62.5° | 297.3 | 306.5 | 318.6 | 331.6 | 349.1 | 368.1 | 390.0 | 410.5 | 426.9 | 437.8 | 452.4 |
| 65° | 254.0 | 263.0 | 273.2 | 287.0 | 301.0 | 316.6 | 336.4 | 351.5 | 362.9 | 375.0 | 384.0 |
| 67.5° | 213.7 | 221.1 | 230.9 | 241.7 | 253.4 | 268.4 | 283.8 | 296.3 | 304.2 | 311.4 | 322.3 |
| 70° | 187.2 | 193.2 | 201.0 | 209.5 | 222.1 | 237.1 | 249.1 | 258.8 | 264.2 | 271.4 | 284.6 |
| 72.5° | 160.2 | 167.2 | 174.5 | 183.0 | 193.2 | 205.8 | 216.4 | 226.0 | 229.5 | 235.3 | 243.8 |
| 75° | 126.4 | 130.0 | 136.0 | 142.0 | 149.3 | 160.1 | 170.3 | 172.7 | 175.8 | 180.6 | 186.5 |
| 77.5° | 95.6 | 98.8 | 101.2 | 105.2 | 111.0 | 119.7 | 125.1 | 128.7 | 129.4 | 131.2 | 137.1 |
| 80° | 75.8 | 77.7 | 80.1 | 83.0 | 85.4 | 92.6 | 95.7 | 99.3 | 100.5 | 102.3 | 105.3 |
| 82.5° | 55.6 | 57.4 | 58.9 | 61.3 | 65.3 | 68.1 | 71.2 | 74.7 | 75.0 | 76.3 | 77.0 |
| 85° | 32.5 | 33.1 | 31.9 | 33.1 | 33.7 | 34.9 | 37.9 | 40.9 | 40.3 | 39.7 | 41.6 |
| 87.5° | 16.1 | 15.9 | 15.0 | 16.0 | 14.6 | 14.6 | 14.2 | 14.2 | 14.7 | 15.2 | 15.7 |
| 90° | 23.0 | 21.5 | 19.4 | 17.3 | 15.2 | 13.1 | 10.9 | 8.5 | 6.2 | 3.7 | 1.3 |
| 92.5° | 23.0 | 21.5 | 19.6 | 17.7 | 16.0 | 14.1 | 14.0 | 15.7 | 17.3 | 19.0 | 20.7 |
| 95° | 23.0 | 21.5 | 32.8 | 44.1 | 55.5 | 66.8 | 72.9 | 73.8 | 74.7 | 75.6 | 76.5 |
| 97.5° | 57.6 | 66.1 | 88.5 | 110.9 | 133.3 | 155.8 | 166.2 | 164.6 | 162.9 | 161.3 | 159.7 |
| 100° | 189.1 | 233.5 | 232.4 | 231.2 | 230.0 | 228.8 | 227.7 | 226.9 | 226.0 | 225.1 | 224.2 |
| 102.5° | 289.6 | 298.0 | 297.3 | 296.6 | 295.9 | 295.2 | 294.2 | 293.1 | 291.9 | 290.8 | 289.7 |
| 105° | 400.0 | 400.0 | 400.0 | 400.0 | 400.0 | 400.0 | 399.4 | 398.2 | 397.1 | 395.8 | 394.7 |
| 107.5° | 506.4 | 506.3 | 505.8 | 505.2 | 504.5 | 503.9 | 503.6 | 503.6 | 503.6 | 503.6 | 503.6 |
| 110° | 576.3 | 577.2 | 576.6 | 576.0 | 575.4 | 574.8 | 574.5 | 574.5 | 574.5 | 574.5 | 574.5 |



TEST NUMBER: P333716-940

CATALOG NUMBER: S125RDIW-S1090D1560U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 644.8 | 646.0 | 645.6 | 645.2 | 644.9 | 644.5 | 644.0 | 643.3 | 642.6 | 641.9 | 641.1 |
| 115° | 747.8 | 749.0 | 748.8 | 748.4 | 748.1 | 747.8 | 746.9 | 745.5 | 744.0 | 742.4 | 741.0 |
| 117.5° | 847.6 | 849.2 | 848.0 | 846.9 | 845.8 | 844.6 | 844.1 | 844.2 | 844.2 | 844.3 | 844.4 |
| 120° | 910.9 | 911.4 | 910.5 | 909.6 | 908.7 | 907.9 | 907.6 | 907.9 | 908.2 | 908.5 | 908.7 |
| 122.5° | 972.1 | 972.7 | 972.2 | 971.8 | 971.4 | 971.0 | 970.2 | 969.1 | 968.0 | 966.8 | 965.7 |
| 125° | 1061.9 | 1063.1 | 1063.1 | 1063.1 | 1063.1 | 1063.1 | 1062.1 | 1060.0 | 1057.9 | 1055.8 | 1053.7 |
| 127.5° | 1143.0 | 1143.7 | 1143.9 | 1144.1 | 1144.2 | 1144.4 | 1143.7 | 1142.3 | 1140.8 | 1139.2 | 1137.7 |
| 130° | 1196.5 | 1197.4 | 1197.0 | 1196.8 | 1196.5 | 1196.1 | 1195.2 | 1193.8 | 1192.3 | 1190.8 | 1189.3 |
| 132.5° | 1245.5 | 1245.7 | 1246.3 | 1247.0 | 1247.7 | 1248.3 | 1247.8 | 1246.1 | 1244.3 | 1242.6 | 1240.8 |
| 135° | 1318.9 | 1319.6 | 1320.1 | 1320.7 | 1321.3 | 1321.9 | 1321.3 | 1319.6 | 1317.8 | 1315.9 | 1314.1 |
| 137.5° | 1386.3 | 1386.1 | 1386.6 | 1387.1 | 1387.7 | 1388.2 | 1387.8 | 1386.2 | 1384.6 | 1383.0 | 1381.5 |
| 140° | 1427.5 | 1426.9 | 1427.2 | 1427.5 | 1427.8 | 1428.1 | 1428.0 | 1427.4 | 1426.7 | 1426.2 | 1425.6 |
| 142.5° | 1468.9 | 1468.8 | 1468.4 | 1467.9 | 1467.6 | 1467.1 | 1466.7 | 1466.3 | 1466.0 | 1465.6 | 1465.3 |
| 145° | 1526.5 | 1526.3 | 1526.3 | 1526.3 | 1526.3 | 1526.3 | 1526.0 | 1525.4 | 1524.7 | 1524.1 | 1523.6 |
| 147.5° | 1576.0 | 1575.7 | 1575.3 | 1574.9 | 1574.6 | 1574.2 | 1574.0 | 1574.2 | 1574.3 | 1574.4 | 1574.6 |
| 150° | 1607.4 | 1606.8 | 1606.1 | 1605.6 | 1605.0 | 1604.4 | 1604.4 | 1605.0 | 1605.6 | 1606.1 | 1606.8 |
| 152.5° | 1635.3 | 1634.7 | 1634.1 | 1633.5 | 1632.9 | 1632.3 | 1632.6 | 1634.0 | 1635.3 | 1636.6 | 1637.9 |
| 155° | 1673.5 | 1672.6 | 1672.0 | 1671.3 | 1670.8 | 1670.2 | 1670.8 | 1672.6 | 1674.4 | 1676.1 | 1677.9 |
| 157.5° | 1705.2 | 1704.2 | 1704.1 | 1704.1 | 1704.1 | 1704.0 | 1704.5 | 1705.6 | 1706.6 | 1707.7 | 1708.8 |
| 160° | 1724.7 | 1723.6 | 1723.2 | 1723.0 | 1722.7 | 1722.3 | 1723.1 | 1724.9 | 1726.7 | 1728.5 | 1730.3 |
| 162.5° | 1742.4 | 1740.7 | 1740.4 | 1740.2 | 1739.8 | 1739.5 | 1740.3 | 1742.0 | 1743.9 | 1745.7 | 1747.5 |
| 165° | 1765.6 | 1763.8 | 1763.5 | 1763.3 | 1762.9 | 1762.6 | 1763.4 | 1765.1 | 1766.9 | 1768.8 | 1770.6 |
| 167.5° | 1782.9 | 1780.7 | 1780.5 | 1780.1 | 1779.9 | 1779.6 | 1780.3 | 1782.2 | 1784.0 | 1785.9 | 1787.7 |
| 170° | 1791.7 | 1789.3 | 1789.0 | 1788.8 | 1788.4 | 1788.1 | 1789.0 | 1791.1 | 1793.2 | 1795.3 | 1797.4 |
| 172.5° | 1799.0 | 1796.9 | 1796.4 | 1795.8 | 1795.3 | 1794.7 | 1795.5 | 1797.6 | 1799.7 | 1801.8 | 1803.8 |
| 175° | 1806.5 | 1804.1 | 1803.8 | 1803.5 | 1803.2 | 1803.0 | 1803.7 | 1805.4 | 1807.2 | 1809.0 | 1810.8 |
| 177.5° | 1810.4 | 1808.7 | 1808.4 | 1808.2 | 1807.9 | 1807.7 | 1808.3 | 1809.7 | 1811.2 | 1812.6 | 1814.0 |
| 180° | 1810.8 | 1810.8 | 1810.8 | 1810.8 | 1810.8 | 1810.8 | 1810.8 | 1810.8 | 1810.8 | 1810.8 | 1810.8 |



TEST NUMBER: P333716-940

CATALOG NUMBER: S125RDIW-S1090D1560U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1466.2 | 1466.2 | 1466.2 | 1466.2 | 1466.2 | 1466.2 | 1466.2 | 1466.2 | 1466.2 | 1466.2 | 1466.2 |
| 2.5° | 1473.4 | 1477.7 | 1483.9 | 1491.1 | 1496.9 | 1503.2 | 1506.5 | 1506.5 | 1509.5 | 1515.7 | 1523.9 |
| 5° | 1477.6 | 1493.2 | 1508.2 | 1527.5 | 1542.6 | 1560.0 | 1573.2 | 1585.9 | 1597.3 | 1611.8 | 1626.8 |
| 7.5° | 1476.3 | 1502.4 | 1529.5 | 1559.8 | 1593.2 | 1619.8 | 1647.2 | 1668.6 | 1689.8 | 1717.4 | 1739.2 |
| 10° | 1471.5 | 1505.2 | 1541.9 | 1580.5 | 1622.6 | 1659.3 | 1692.4 | 1722.5 | 1751.4 | 1781.5 | 1808.6 |
| 12.5° | 1462.9 | 1505.7 | 1550.6 | 1596.9 | 1650.0 | 1692.0 | 1734.8 | 1766.8 | 1800.5 | 1833.4 | 1866.8 |
| 15° | 1449.8 | 1500.4 | 1554.6 | 1619.0 | 1684.0 | 1730.9 | 1773.1 | 1814.6 | 1845.8 | 1883.2 | 1915.1 |
| 17.5° | 1423.0 | 1488.2 | 1556.3 | 1626.7 | 1689.2 | 1743.7 | 1787.9 | 1827.4 | 1860.7 | 1901.8 | 1945.1 |
| 20° | 1407.1 | 1477.6 | 1548.5 | 1623.8 | 1683.4 | 1739.4 | 1782.1 | 1823.0 | 1864.6 | 1918.1 | 1971.0 |
| 22.5° | 1385.0 | 1460.2 | 1535.5 | 1607.0 | 1669.9 | 1723.9 | 1768.1 | 1818.2 | 1872.7 | 1933.5 | 1997.5 |
| 25° | 1350.0 | 1427.6 | 1502.3 | 1570.2 | 1631.7 | 1687.0 | 1747.2 | 1814.6 | 1880.8 | 1960.9 | 2052.9 |
| 27.5° | 1305.6 | 1380.4 | 1447.0 | 1518.9 | 1579.8 | 1650.3 | 1725.4 | 1798.5 | 1893.9 | 2004.0 | 2119.0 |
| 30° | 1272.3 | 1343.4 | 1406.5 | 1474.5 | 1543.7 | 1621.4 | 1705.7 | 1791.7 | 1905.5 | 2034.9 | 2171.5 |
| 32.5° | 1233.8 | 1298.1 | 1360.8 | 1426.4 | 1506.2 | 1591.5 | 1681.1 | 1786.5 | 1922.4 | 2069.6 | 2211.0 |
| 35° | 1167.0 | 1224.8 | 1285.6 | 1358.3 | 1443.2 | 1536.0 | 1650.3 | 1778.5 | 1942.8 | 2101.0 | 2228.0 |
| 37.5° | 1096.9 | 1142.5 | 1203.5 | 1280.4 | 1372.8 | 1480.1 | 1609.8 | 1765.6 | 1934.4 | 2076.3 | 2130.5 |
| 40° | 1043.0 | 1085.7 | 1150.1 | 1230.8 | 1322.2 | 1439.7 | 1585.3 | 1745.3 | 1915.1 | 2013.8 | 2009.6 |
| 42.5° | 989.5 | 1032.8 | 1094.8 | 1175.9 | 1271.2 | 1402.6 | 1552.6 | 1718.9 | 1862.2 | 1899.7 | 1821.3 |
| 45° | 907.6 | 947.9 | 1008.7 | 1090.6 | 1192.8 | 1330.7 | 1488.4 | 1647.9 | 1739.4 | 1678.6 | 1523.3 |
| 47.5° | 824.0 | 863.2 | 919.6 | 999.8 | 1111.5 | 1255.7 | 1404.8 | 1535.7 | 1548.5 | 1418.0 | 1231.7 |
| 50° | 769.2 | 805.8 | 859.4 | 944.9 | 1053.2 | 1194.1 | 1337.9 | 1440.8 | 1408.9 | 1249.5 | 1057.5 |
| 52.5° | 715.7 | 751.0 | 801.2 | 881.8 | 992.6 | 1130.5 | 1258.9 | 1339.7 | 1266.0 | 1096.4 | 923.6 |
| 55° | 636.8 | 670.5 | 721.0 | 795.0 | 895.5 | 1022.0 | 1134.5 | 1164.0 | 1055.6 | 884.8 | 745.1 |
| 57.5° | 561.8 | 586.5 | 636.4 | 701.9 | 798.8 | 910.3 | 990.9 | 985.6 | 866.0 | 712.1 | 612.0 |
| 60° | 512.2 | 534.4 | 582.0 | 642.2 | 734.2 | 834.2 | 890.7 | 866.7 | 745.7 | 618.7 | 522.4 |
| 62.5° | 465.9 | 486.8 | 526.6 | 582.0 | 661.1 | 748.0 | 789.2 | 755.9 | 641.7 | 530.1 | 453.5 |
| 65° | 396.0 | 411.1 | 443.0 | 494.1 | 556.1 | 616.3 | 653.0 | 604.2 | 503.2 | 418.9 | 361.1 |
| 67.5° | 330.6 | 343.7 | 372.0 | 408.8 | 451.5 | 493.0 | 508.0 | 462.3 | 383.6 | 326.8 | 286.1 |
| 70° | 288.3 | 300.3 | 319.6 | 353.9 | 382.2 | 411.7 | 418.9 | 378.0 | 312.4 | 269.0 | 243.8 |
| 72.5° | 247.8 | 259.0 | 275.8 | 300.0 | 319.6 | 336.5 | 339.9 | 301.9 | 251.7 | 221.9 | 202.3 |
| 75° | 189.0 | 198.6 | 209.5 | 218.5 | 231.1 | 234.2 | 232.9 | 203.4 | 176.4 | 156.5 | 145.6 |
| 77.5° | 138.9 | 142.9 | 149.5 | 153.1 | 153.7 | 153.5 | 147.3 | 128.7 | 114.7 | 106.6 | 102.1 |
| 80° | 107.1 | 110.1 | 111.9 | 113.2 | 113.8 | 107.7 | 101.1 | 89.7 | 84.9 | 80.1 | 74.6 |
| 82.5° | 77.8 | 79.8 | 81.6 | 81.9 | 78.6 | 73.6 | 67.4 | 61.7 | 58.4 | 56.0 | 53.9 |
| 85° | 42.1 | 42.7 | 42.1 | 39.1 | 34.9 | 33.1 | 31.9 | 30.7 | 30.1 | 29.5 | 29.5 |
| 87.5° | 15.7 | 14.7 | 12.8 | 13.7 | 14.2 | 14.1 | 14.5 | 14.4 | 14.4 | 14.7 | 15.0 |
| 90° | 3.7 | 6.2 | 8.5 | 10.9 | 13.1 | 15.2 | 17.3 | 19.4 | 21.5 | 23.0 | 24.4 |
| 92.5° | 19.0 | 17.3 | 15.7 | 14.0 | 14.1 | 16.0 | 17.7 | 19.6 | 21.5 | 23.0 | 24.4 |
| 95° | 75.6 | 74.7 | 73.8 | 72.9 | 66.8 | 55.5 | 44.1 | 32.8 | 21.5 | 23.0 | 24.4 |
| 97.5° | 161.3 | 162.9 | 164.6 | 166.2 | 155.8 | 133.3 | 110.9 | 88.5 | 66.1 | 57.6 | 49.2 |
| 100° | 225.1 | 226.0 | 226.9 | 227.7 | 228.8 | 230.0 | 231.2 | 232.4 | 233.5 | 189.1 | 144.6 |
| 102.5° | 290.8 | 291.9 | 293.1 | 294.2 | 295.2 | 295.9 | 296.6 | 297.3 | 298.0 | 289.6 | 281.2 |
| 105° | 395.8 | 397.1 | 398.2 | 399.4 | 400.0 | 400.0 | 400.0 | 400.0 | 400.0 | 400.0 | 400.0 |
| 107.5° | 503.6 | 503.6 | 503.6 | 503.6 | 503.9 | 504.5 | 505.2 | 505.8 | 506.3 | 506.4 | 506.5 |
| 110° | 574.5 | 574.5 | 574.5 | 574.5 | 574.8 | 575.4 | 576.0 | 576.6 | 577.2 | 576.3 | 575.4 |



TEST NUMBER: P333716-940

CATALOG NUMBER: S125RDIW-S1090D1560U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 641.9 | 642.6 | 643.3 | 644.0 | 644.5 | 644.9 | 645.2 | 645.6 | 646.0 | 644.8 | 643.6 |
| 115° | 742.4 | 744.0 | 745.5 | 746.9 | 747.8 | 748.1 | 748.4 | 748.8 | 749.0 | 747.8 | 746.6 |
| 117.5° | 844.3 | 844.2 | 844.2 | 844.1 | 844.6 | 845.8 | 846.9 | 848.0 | 849.2 | 847.6 | 846.1 |
| 120° | 908.5 | 908.2 | 907.9 | 907.6 | 907.9 | 908.7 | 909.6 | 910.5 | 911.4 | 910.9 | 910.3 |
| 122.5° | 966.8 | 968.0 | 969.1 | 970.2 | 971.0 | 971.4 | 971.8 | 972.2 | 972.7 | 972.1 | 971.4 |
| 125° | 1055.8 | 1057.9 | 1060.0 | 1062.1 | 1063.1 | 1063.1 | 1063.1 | 1063.1 | 1063.1 | 1061.9 | 1060.8 |
| 127.5° | 1139.2 | 1140.8 | 1142.3 | 1143.7 | 1144.4 | 1144.2 | 1144.1 | 1143.9 | 1143.7 | 1143.0 | 1142.4 |
| 130° | 1190.8 | 1192.3 | 1193.8 | 1195.2 | 1196.1 | 1196.5 | 1196.8 | 1197.0 | 1197.4 | 1196.5 | 1195.6 |
| 132.5° | 1242.6 | 1244.3 | 1246.1 | 1247.8 | 1248.3 | 1247.7 | 1247.0 | 1246.3 | 1245.7 | 1245.5 | 1245.4 |
| 135° | 1315.9 | 1317.8 | 1319.6 | 1321.3 | 1321.9 | 1321.3 | 1320.7 | 1320.1 | 1319.6 | 1318.9 | 1318.3 |
| 137.5° | 1383.0 | 1384.6 | 1386.2 | 1387.8 | 1388.2 | 1387.7 | 1387.1 | 1386.6 | 1386.1 | 1386.3 | 1386.3 |
| 140° | 1426.2 | 1426.7 | 1427.4 | 1428.0 | 1428.1 | 1427.8 | 1427.5 | 1427.2 | 1426.9 | 1427.5 | 1428.1 |
| 142.5° | 1465.6 | 1466.0 | 1466.3 | 1466.7 | 1467.1 | 1467.6 | 1467.9 | 1468.4 | 1468.8 | 1468.9 | 1469.0 |
| 145° | 1524.1 | 1524.7 | 1525.4 | 1526.0 | 1526.3 | 1526.3 | 1526.3 | 1526.3 | 1526.3 | 1526.5 | 1526.9 |
| 147.5° | 1574.4 | 1574.3 | 1574.2 | 1574.0 | 1574.2 | 1574.6 | 1574.9 | 1575.3 | 1575.7 | 1576.0 | 1576.4 |
| 150° | 1606.1 | 1605.6 | 1605.0 | 1604.4 | 1604.4 | 1605.0 | 1605.6 | 1606.1 | 1606.8 | 1607.4 | 1607.9 |
| 152.5° | 1636.6 | 1635.3 | 1634.0 | 1632.6 | 1632.3 | 1632.9 | 1633.5 | 1634.1 | 1634.7 | 1635.3 | 1635.9 |
| 155° | 1676.1 | 1674.4 | 1672.6 | 1670.8 | 1670.2 | 1670.8 | 1671.3 | 1672.0 | 1672.6 | 1673.5 | 1674.4 |
| 157.5° | 1707.7 | 1706.6 | 1705.6 | 1704.5 | 1704.0 | 1704.1 | 1704.1 | 1704.1 | 1704.2 | 1705.2 | 1706.1 |
| 160° | 1728.5 | 1726.7 | 1724.9 | 1723.1 | 1722.3 | 1722.7 | 1723.0 | 1723.2 | 1723.6 | 1724.7 | 1725.9 |
| 162.5° | 1745.7 | 1743.9 | 1742.0 | 1740.3 | 1739.5 | 1739.8 | 1740.2 | 1740.4 | 1740.7 | 1742.4 | 1744.1 |
| 165° | 1768.8 | 1766.9 | 1765.1 | 1763.4 | 1762.6 | 1762.9 | 1763.3 | 1763.5 | 1763.8 | 1765.6 | 1767.4 |
| 167.5° | 1785.9 | 1784.0 | 1782.2 | 1780.3 | 1779.6 | 1779.9 | 1780.1 | 1780.5 | 1780.7 | 1782.9 | 1785.0 |
| 170° | 1795.3 | 1793.2 | 1791.1 | 1789.0 | 1788.1 | 1788.4 | 1788.8 | 1789.0 | 1789.3 | 1791.7 | 1794.1 |
| 172.5° | 1801.8 | 1799.7 | 1797.6 | 1795.5 | 1794.7 | 1795.3 | 1795.8 | 1796.4 | 1796.9 | 1799.0 | 1801.2 |
| 175° | 1809.0 | 1807.2 | 1805.4 | 1803.7 | 1803.0 | 1803.2 | 1803.5 | 1803.8 | 1804.1 | 1806.5 | 1808.8 |
| 177.5° | 1812.6 | 1811.2 | 1809.7 | 1808.3 | 1807.7 | 1807.9 | 1808.2 | 1808.4 | 1808.7 | 1810.4 | 1812.0 |
| 180° | 1810.8 | 1810.8 | 1810.8 | 1810.8 | 1810.8 | 1810.8 | 1810.8 | 1810.8 | 1810.8 | 1810.8 | 1810.8 |



TEST NUMBER: P333716-940

CATALOG NUMBER: S125RDIW-S1090D1560U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1466.2 | 1466.2 | 1466.2 | 1466.2 | 1466.2 | 1466.2 | 1466.2 |
| 2.5° | 1530.2 | 1530.2 | 1538.4 | 1537.8 | 1543.2 | 1541.2 | 1542.2 |
| 5° | 1644.8 | 1655.1 | 1664.1 | 1670.2 | 1679.2 | 1681.6 | 1680.3 |
| 7.5° | 1763.8 | 1786.5 | 1797.6 | 1812.8 | 1815.5 | 1823.5 | 1822.7 |
| 10° | 1837.5 | 1859.8 | 1876.6 | 1889.8 | 1896.4 | 1904.9 | 1905.5 |
| 12.5° | 1895.2 | 1914.1 | 1929.0 | 1941.3 | 1949.4 | 1952.0 | 1953.6 |
| 15° | 1940.4 | 1961.4 | 1978.9 | 1996.4 | 2006.6 | 2014.4 | 2018.7 |
| 17.5° | 1985.8 | 2018.4 | 2049.2 | 2072.9 | 2087.1 | 2099.2 | 2099.0 |
| 20° | 2021.1 | 2058.3 | 2096.9 | 2124.0 | 2151.6 | 2163.6 | 2165.4 |
| 22.5° | 2058.6 | 2115.7 | 2165.3 | 2207.3 | 2243.5 | 2256.1 | 2260.8 |
| 25° | 2136.5 | 2211.2 | 2287.7 | 2346.6 | 2388.7 | 2413.4 | 2417.1 |
| 27.5° | 2230.8 | 2331.8 | 2412.3 | 2466.7 | 2501.7 | 2520.0 | 2523.9 |
| 30° | 2297.3 | 2390.6 | 2462.8 | 2503.7 | 2520.0 | 2522.4 | 2513.4 |
| 32.5° | 2327.1 | 2396.8 | 2425.7 | 2423.3 | 2391.4 | 2370.3 | 2362.1 |
| 35° | 2290.6 | 2276.2 | 2205.8 | 2121.6 | 2057.2 | 2016.2 | 2005.4 |
| 37.5° | 2084.6 | 1960.0 | 1830.5 | 1703.2 | 1635.4 | 1600.9 | 1541.7 |
| 40° | 1881.4 | 1703.9 | 1569.1 | 1461.9 | 1385.5 | 1324.1 | 1309.7 |
| 42.5° | 1652.3 | 1468.9 | 1334.1 | 1242.3 | 1181.3 | 1139.2 | 1120.9 |
| 45° | 1327.7 | 1170.0 | 1058.6 | 988.3 | 941.3 | 910.6 | 896.8 |
| 47.5° | 1061.9 | 939.9 | 858.7 | 806.6 | 770.9 | 744.1 | 736.6 |
| 50° | 916.1 | 818.5 | 749.9 | 706.0 | 678.9 | 658.4 | 650.0 |
| 52.5° | 795.7 | 716.9 | 664.2 | 627.9 | 602.4 | 589.6 | 582.6 |
| 55° | 656.7 | 588.6 | 550.7 | 521.8 | 507.4 | 497.1 | 492.3 |
| 57.5° | 537.0 | 487.9 | 460.2 | 440.2 | 426.9 | 420.4 | 417.9 |
| 60° | 470.0 | 431.5 | 406.3 | 390.6 | 381.6 | 373.2 | 370.8 |
| 62.5° | 410.8 | 380.5 | 361.0 | 347.2 | 338.2 | 334.7 | 333.1 |
| 65° | 331.0 | 311.1 | 296.7 | 288.3 | 281.1 | 279.8 | 279.3 |
| 67.5° | 263.1 | 251.5 | 243.9 | 235.1 | 232.6 | 228.4 | 227.5 |
| 70° | 225.1 | 217.3 | 208.2 | 205.3 | 202.2 | 198.0 | 198.6 |
| 72.5° | 190.9 | 183.1 | 176.9 | 173.0 | 171.9 | 170.0 | 171.7 |
| 75° | 139.6 | 137.2 | 134.8 | 131.8 | 130.6 | 130.6 | 130.0 |
| 77.5° | 99.7 | 97.6 | 95.0 | 93.2 | 92.8 | 90.2 | 91.2 |
| 80° | 72.2 | 69.2 | 68.0 | 68.6 | 66.8 | 66.2 | 66.2 |
| 82.5° | 53.4 | 52.3 | 51.2 | 51.3 | 50.9 | 50.3 | 50.8 |
| 85° | 29.5 | 28.9 | 28.9 | 28.3 | 28.3 | 27.6 | 27.6 |
| 87.5° | 15.8 | 16.6 | 15.9 | 15.5 | 15.7 | 16.4 | 17.0 |
| 90° | 25.9 | 27.5 | 28.6 | 29.5 | 30.4 | 31.3 | 32.2 |
| 92.5° | 25.9 | 27.5 | 28.4 | 28.8 | 29.2 | 29.7 | 30.1 |
| 95° | 25.9 | 27.5 | 28.2 | 28.2 | 28.2 | 28.2 | 28.2 |
| 97.5° | 40.8 | 32.4 | 28.2 | 28.2 | 28.2 | 28.2 | 28.2 |
| 100° | 100.2 | 55.8 | 33.0 | 31.7 | 30.6 | 29.4 | 28.2 |
| 102.5° | 272.8 | 264.4 | 250.0 | 229.7 | 209.5 | 189.1 | 168.9 |
| 105° | 400.0 | 400.0 | 399.8 | 399.6 | 399.3 | 399.0 | 398.7 |
| 107.5° | 506.5 | 506.6 | 506.1 | 505.2 | 504.4 | 503.5 | 502.6 |
| 110° | 574.5 | 573.6 | 573.4 | 573.6 | 573.9 | 574.3 | 574.5 |



TEST NUMBER: P333716-940

CATALOG NUMBER: S125RDIW-S1090D1560U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 642.6 | 641.4 | 640.6 | 640.2 | 639.8 | 639.4 | 638.9 |
| 115° | 745.5 | 744.2 | 742.8 | 741.0 | 739.1 | 737.4 | 735.6 |
| 117.5° | 844.5 | 842.9 | 841.8 | 841.1 | 840.3 | 839.5 | 838.7 |
| 120° | 909.6 | 909.1 | 908.0 | 906.5 | 905.0 | 903.6 | 902.1 |
| 122.5° | 970.9 | 970.3 | 969.1 | 967.4 | 965.6 | 963.9 | 962.2 |
| 125° | 1059.5 | 1058.4 | 1057.3 | 1056.4 | 1055.5 | 1054.6 | 1053.7 |
| 127.5° | 1141.7 | 1141.0 | 1139.6 | 1137.4 | 1135.2 | 1133.0 | 1130.8 |
| 130° | 1194.7 | 1193.8 | 1192.6 | 1191.1 | 1189.6 | 1188.1 | 1186.6 |
| 132.5° | 1245.2 | 1245.0 | 1244.1 | 1242.7 | 1241.2 | 1239.7 | 1238.1 |
| 135° | 1317.8 | 1317.1 | 1315.9 | 1314.1 | 1312.3 | 1310.5 | 1308.8 |
| 137.5° | 1386.4 | 1386.6 | 1385.9 | 1384.3 | 1382.8 | 1381.2 | 1379.7 |
| 140° | 1428.7 | 1429.3 | 1428.7 | 1426.9 | 1425.1 | 1423.3 | 1421.6 |
| 142.5° | 1469.2 | 1469.3 | 1468.5 | 1466.6 | 1464.8 | 1463.0 | 1461.2 |
| 145° | 1527.1 | 1527.4 | 1526.7 | 1524.9 | 1523.1 | 1521.3 | 1519.6 |
| 147.5° | 1576.7 | 1577.1 | 1576.2 | 1574.0 | 1571.9 | 1569.8 | 1567.6 |
| 150° | 1608.6 | 1609.2 | 1608.3 | 1605.9 | 1603.5 | 1601.2 | 1598.7 |
| 152.5° | 1636.5 | 1637.1 | 1636.3 | 1634.1 | 1632.0 | 1629.9 | 1627.7 |
| 155° | 1675.3 | 1676.1 | 1675.3 | 1673.0 | 1670.6 | 1668.2 | 1665.8 |
| 157.5° | 1707.1 | 1708.1 | 1707.4 | 1705.0 | 1702.5 | 1700.1 | 1697.8 |
| 160° | 1727.2 | 1728.3 | 1727.8 | 1725.4 | 1723.0 | 1720.6 | 1718.2 |
| 162.5° | 1745.8 | 1747.4 | 1747.0 | 1744.4 | 1741.7 | 1739.1 | 1736.4 |
| 165° | 1769.2 | 1771.0 | 1770.7 | 1768.4 | 1765.9 | 1763.5 | 1761.1 |
| 167.5° | 1787.2 | 1789.3 | 1789.0 | 1786.4 | 1783.7 | 1781.0 | 1778.3 |
| 170° | 1796.5 | 1798.8 | 1798.8 | 1796.1 | 1793.4 | 1790.6 | 1788.0 |
| 172.5° | 1803.3 | 1805.4 | 1805.2 | 1802.5 | 1799.8 | 1797.2 | 1794.5 |
| 175° | 1811.2 | 1813.7 | 1813.5 | 1810.8 | 1808.1 | 1805.4 | 1802.8 |
| 177.5° | 1813.7 | 1815.3 | 1815.3 | 1813.3 | 1811.4 | 1809.5 | 1807.6 |
| 180° | 1810.8 | 1810.8 | 1810.8 | 1810.8 | 1810.8 | 1810.8 | 1810.8 |

(END OF REPORT)