

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: P331837-930

Luminaire Tested: **S122RDIW-S865D1240U930-4F0-1E-UDD-A**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P331837-930
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-2,
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: S122RDIW-S865D1240U930-4F0-1E-UDD-A
Description: DEFINE 2 DIRECT-INDIRECT WALL MOUNT LED LUMINAIRE
DOWNLIGHT 865 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING
UPLIGHT 1240 LUMENS PER FOOT, NO LENS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6733.2 lumens
Efficiency: N/A
Efficacy: 96.5 lumens/watt
Spacing Criteria (0/90/45): 0.86 / 1.16 / 1.02
Luminous Opening: Rectangular (W 4' x L: 0.17' x H: 0')
CIE Type: General Diffuse

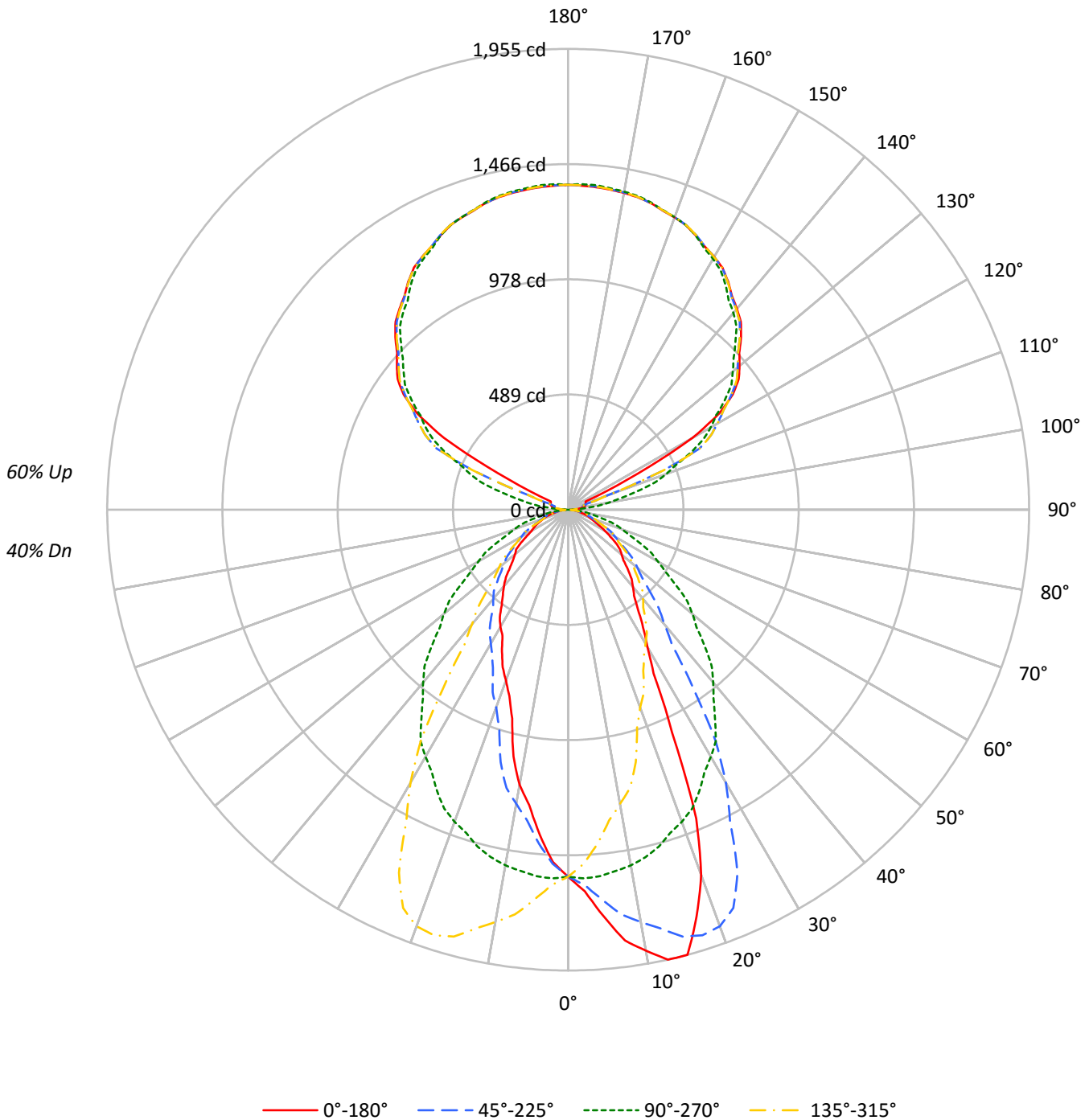
Input Watts (W): 69.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P331837-930

CATALOG NUMBER: S122RDIW-S865D1240U930-4F0-1E-UDD-A

Luminous Intensity Polar Plot





TEST NUMBER: P331837-930

CATALOG NUMBER: S122RDIW-S865D1240U930-4F0-1E-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 | 95 | 95 | 95 | 95 | 78 | 78 | 78 | 62 | 62 | 62 | 47 | 47 | 47 | 40 |
| 1 | 96 | 92 | 89 | 85 | 87 | 84 | 81 | 78 | 69 | 67 | 65 | 55 | 54 | 53 | 42 | 42 | 41 | 35 |
| 2 | 88 | 81 | 75 | 71 | 80 | 74 | 69 | 65 | 61 | 58 | 55 | 49 | 47 | 45 | 38 | 37 | 35 | 30 |
| 3 | 81 | 72 | 65 | 60 | 73 | 66 | 60 | 55 | 55 | 50 | 47 | 44 | 41 | 39 | 34 | 33 | 31 | 26 |
| 4 | 74 | 64 | 57 | 51 | 67 | 59 | 52 | 48 | 49 | 44 | 41 | 40 | 36 | 34 | 31 | 29 | 27 | 23 |
| 5 | 68 | 57 | 50 | 44 | 62 | 53 | 46 | 41 | 44 | 39 | 35 | 36 | 33 | 30 | 28 | 26 | 24 | 21 |
| 6 | 63 | 52 | 44 | 39 | 58 | 48 | 41 | 36 | 40 | 35 | 31 | 33 | 29 | 26 | 26 | 24 | 22 | 19 |
| 7 | 59 | 47 | 39 | 34 | 53 | 43 | 37 | 32 | 37 | 31 | 28 | 30 | 26 | 24 | 24 | 22 | 20 | 17 |
| 8 | 54 | 43 | 35 | 30 | 50 | 40 | 33 | 29 | 33 | 28 | 25 | 28 | 24 | 21 | 22 | 20 | 18 | 15 |
| 9 | 51 | 39 | 32 | 27 | 46 | 36 | 30 | 26 | 31 | 26 | 22 | 26 | 22 | 19 | 21 | 18 | 16 | 14 |
| 10 | 48 | 36 | 29 | 25 | 43 | 33 | 27 | 23 | 28 | 24 | 20 | 24 | 20 | 18 | 19 | 17 | 15 | 13 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 25137 | 25137 | 25137 | 25137 |
| 5° | 28075 | 25293 | 22428 | 25293 |
| 10° | 31147 | 25117 | 19441 | 25117 |
| 15° | 32679 | 24749 | 15318 | 24749 |
| 20° | 28331 | 24204 | 13254 | 24204 |
| 25° | 18579 | 23457 | 11834 | 23457 |
| 30° | 12506 | 22551 | 10711 | 22551 |
| 35° | 10129 | 21409 | 9660 | 21409 |
| 40° | 9008 | 20168 | 8939 | 20168 |
| 45° | 8152 | 18712 | 7978 | 18712 |
| 50° | 7420 | 17269 | 7390 | 17269 |
| 55° | 6975 | 15671 | 6883 | 15671 |
| 60° | 5835 | 14202 | 5767 | 14202 |
| 65° | 4917 | 12894 | 5578 | 12894 |
| 70° | 4546 | 11514 | 5264 | 11514 |
| 75° | 4255 | 10025 | 4860 | 10025 |
| 80° | 3924 | 8247 | 4333 | 8247 |
| 85° | 3612 | 6502 | 3798 | 6502 |



TEST NUMBER: P331837-930

CATALOG NUMBER: S122RDIW-S865D1240U930-4F0-1E-UDD-A

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 147.6 | 2.2 |
| 10°-20° | 411.2 | 6.1 |
| 20°-30° | 529.9 | 7.9 |
| 30°-40° | 503.6 | 7.5 |
| 40°-50° | 431.4 | 6.4 |
| 50°-60° | 328.5 | 4.9 |
| 60°-70° | 207.7 | 3.1 |
| 70°-80° | 103.7 | 1.5 |
| 80°-90° | 30.4 | 0.5 |
| 90°-100° | 46.0 | 0.7 |
| 100°-110° | 168.6 | 2.5 |
| 110°-120° | 450.7 | 6.7 |
| 120°-130° | 744.0 | 11.0 |
| 130°-140° | 791.2 | 11.8 |
| 140°-150° | 735.4 | 10.9 |
| 150°-160° | 591.2 | 8.8 |
| 160°-170° | 381.0 | 5.7 |
| 170°-180° | 131.1 | 1.9 |
| 0°-30° | 1088.7 | 16.2 |
| 0°-40° | 1592.3 | 23.6 |
| 0°-60° | 2352.3 | 34.9 |
| 0°-90° | 2694.0 | 40.0 |
| 90°-120° | 665.3 | 9.9 |
| 90°-150° | 2935.8 | 43.6 |
| 90°-180° | 4039.0 | 60.0 |
| 0°-180° | 6733.2 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 1557 | 1557 | 1557 | 1557 | 1557 | |
| 5° | 1732 | 1561 | 1384 | 1561 | 1732 | 171 |
| 15° | 1955 | 1481 | 916 | 1481 | 1955 | 527 |
| 25° | 1043 | 1317 | 664 | 1317 | 1043 | 495 |
| 35° | 514 | 1086 | 490 | 1086 | 514 | 329 |
| 45° | 357 | 820 | 349 | 820 | 357 | 276 |
| 55° | 248 | 557 | 244 | 557 | 248 | 217 |
| 65° | 129 | 338 | 146 | 338 | 129 | 131 |
| 75° | 68 | 161 | 78 | 161 | 68 | 72 |
| 85° | 20 | 35 | 20 | 35 | 20 | 22 |
| 90° | 27 | 1 | 27 | 1 | 27 | 13 |
| 95° | 43 | 65 | 43 | 65 | 43 | 40 |
| 105° | 76 | 303 | 76 | 303 | 76 | 79 |
| 115° | 82 | 574 | 82 | 574 | 82 | 205 |
| 125° | 853 | 811 | 853 | 811 | 853 | 738 |
| 135° | 1036 | 1003 | 1036 | 1003 | 1036 | 799 |
| 145° | 1182 | 1164 | 1182 | 1164 | 1182 | 739 |
| 155° | 1282 | 1282 | 1282 | 1282 | 1282 | 592 |
| 165° | 1347 | 1350 | 1347 | 1350 | 1347 | 380 |
| 175° | 1373 | 1381 | 1373 | 1381 | 1373 | 131 |
| 180° | 1378 | 1378 | 1378 | 1378 | 1378 | |



TEST NUMBER: P331837-930

CATALOG NUMBER: S122RDIW-S865D1240U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1556.9 | 1556.9 | 1556.9 | 1556.9 | 1556.9 | 1556.9 | 1556.9 | 1556.9 | 1556.9 | 1556.9 | 1556.9 |
| 2.5° | 1620.1 | 1621.4 | 1622.7 | 1619.6 | 1619.6 | 1617.1 | 1611.4 | 1607.1 | 1595.0 | 1593.3 | 1593.3 |
| 5° | 1732.2 | 1731.0 | 1733.2 | 1726.2 | 1716.4 | 1714.3 | 1704.1 | 1690.5 | 1676.4 | 1660.8 | 1657.5 |
| 7.5° | 1843.6 | 1841.9 | 1837.6 | 1836.5 | 1829.0 | 1812.7 | 1796.1 | 1778.5 | 1755.1 | 1732.3 | 1720.8 |
| 10° | 1899.8 | 1917.7 | 1906.9 | 1887.9 | 1891.7 | 1866.3 | 1852.8 | 1829.5 | 1810.0 | 1776.0 | 1768.4 |
| 12.5° | 1955.3 | 1962.3 | 1958.8 | 1948.1 | 1943.3 | 1925.6 | 1907.3 | 1887.1 | 1851.1 | 1820.6 | 1793.9 |
| 15° | 1955.0 | 1965.3 | 1968.0 | 1964.8 | 1967.5 | 1966.4 | 1956.6 | 1939.8 | 1908.5 | 1874.9 | 1845.8 |
| 17.5° | 1810.7 | 1817.9 | 1835.6 | 1847.5 | 1862.7 | 1894.8 | 1910.6 | 1916.7 | 1912.0 | 1892.9 | 1872.3 |
| 20° | 1648.9 | 1637.0 | 1686.7 | 1712.1 | 1733.7 | 1787.9 | 1834.4 | 1852.3 | 1880.9 | 1880.4 | 1874.9 |
| 22.5° | 1419.4 | 1422.3 | 1469.5 | 1499.7 | 1562.8 | 1616.9 | 1670.0 | 1737.2 | 1792.6 | 1829.3 | 1850.7 |
| 25° | 1042.9 | 1063.6 | 1110.6 | 1151.7 | 1222.1 | 1322.7 | 1414.1 | 1520.1 | 1620.2 | 1699.2 | 1774.3 |
| 27.5° | 783.3 | 784.8 | 822.1 | 860.1 | 901.9 | 984.3 | 1099.4 | 1226.0 | 1368.7 | 1486.5 | 1621.9 |
| 30° | 670.8 | 667.6 | 683.2 | 706.5 | 742.2 | 806.0 | 892.6 | 1017.0 | 1159.3 | 1336.7 | 1494.7 |
| 32.5° | 591.2 | 591.3 | 603.2 | 620.4 | 650.0 | 693.1 | 752.4 | 853.5 | 987.9 | 1162.3 | 1347.5 |
| 35° | 513.9 | 513.4 | 522.0 | 534.4 | 546.9 | 574.5 | 615.1 | 668.1 | 760.6 | 923.4 | 1112.7 |
| 37.5° | 458.5 | 460.9 | 465.1 | 472.9 | 486.7 | 502.0 | 526.4 | 562.0 | 627.9 | 724.1 | 883.3 |
| 40° | 427.4 | 428.4 | 434.4 | 440.9 | 449.0 | 460.9 | 480.9 | 509.6 | 557.7 | 634.5 | 750.8 |
| 42.5° | 398.8 | 399.9 | 404.1 | 410.2 | 416.5 | 428.4 | 445.0 | 469.8 | 508.8 | 568.8 | 664.7 |
| 45° | 357.0 | 357.0 | 360.9 | 363.5 | 370.6 | 381.4 | 394.9 | 415.5 | 442.5 | 486.9 | 550.7 |
| 47.5° | 317.9 | 318.0 | 320.5 | 325.1 | 329.5 | 338.0 | 351.3 | 368.1 | 387.8 | 422.1 | 476.6 |
| 50° | 295.4 | 295.9 | 297.5 | 301.3 | 304.0 | 311.6 | 321.9 | 336.5 | 357.0 | 383.5 | 429.0 |
| 52.5° | 277.2 | 276.9 | 278.9 | 280.5 | 282.4 | 287.8 | 295.5 | 308.3 | 326.8 | 349.8 | 387.4 |
| 55° | 247.8 | 245.6 | 248.8 | 251.5 | 253.2 | 255.4 | 259.7 | 267.7 | 283.5 | 303.0 | 331.1 |
| 57.5° | 211.0 | 210.1 | 212.4 | 214.8 | 220.0 | 225.8 | 229.5 | 234.6 | 242.8 | 256.7 | 284.6 |
| 60° | 180.7 | 180.7 | 185.6 | 187.2 | 193.1 | 200.7 | 208.3 | 212.6 | 220.7 | 229.9 | 250.5 |
| 62.5° | 153.8 | 154.3 | 156.5 | 158.2 | 161.5 | 170.8 | 181.4 | 190.9 | 198.6 | 207.4 | 221.0 |
| 65° | 128.7 | 129.8 | 129.8 | 130.9 | 133.1 | 135.3 | 139.6 | 147.2 | 160.7 | 173.1 | 183.4 |
| 67.5° | 109.3 | 109.6 | 109.9 | 111.0 | 111.5 | 113.9 | 115.7 | 119.0 | 122.1 | 134.0 | 146.7 |
| 70° | 96.3 | 97.9 | 97.3 | 98.5 | 99.0 | 100.0 | 102.2 | 103.9 | 108.8 | 111.5 | 119.0 |
| 72.5° | 84.1 | 85.4 | 85.3 | 85.9 | 87.3 | 87.6 | 89.3 | 90.9 | 94.0 | 96.3 | 100.4 |
| 75° | 68.2 | 67.6 | 68.2 | 69.2 | 69.8 | 70.4 | 70.4 | 72.5 | 74.1 | 76.3 | 79.0 |
| 77.5° | 52.6 | 53.2 | 53.0 | 53.2 | 53.2 | 54.2 | 54.1 | 55.0 | 56.7 | 57.8 | 59.1 |
| 80° | 42.2 | 42.7 | 42.2 | 42.7 | 43.3 | 43.8 | 43.3 | 43.8 | 45.4 | 46.6 | 46.6 |
| 82.5° | 32.7 | 32.8 | 33.1 | 33.2 | 33.3 | 33.4 | 34.2 | 34.3 | 35.5 | 35.3 | 35.7 |
| 85° | 19.5 | 18.9 | 18.9 | 18.9 | 19.5 | 20.0 | 19.5 | 19.5 | 20.0 | 20.0 | 20.0 |
| 87.5° | 12.3 | 12.6 | 12.6 | 12.5 | 12.4 | 12.2 | 12.0 | 12.2 | 11.6 | 11.7 | 11.0 |
| 90° | 26.9 | 26.5 | 26.0 | 25.6 | 25.2 | 24.4 | 23.2 | 22.2 | 21.0 | 20.0 | 18.2 |
| 92.5° | 26.9 | 26.7 | 26.4 | 26.1 | 25.8 | 25.4 | 24.9 | 24.3 | 23.7 | 23.2 | 22.3 |
| 95° | 42.9 | 43.1 | 43.3 | 43.5 | 43.8 | 43.3 | 42.2 | 41.1 | 40.0 | 38.9 | 37.3 |
| 97.5° | 57.2 | 57.0 | 56.7 | 56.4 | 56.2 | 55.6 | 54.7 | 53.8 | 52.9 | 52.1 | 48.5 |
| 100° | 66.9 | 66.4 | 66.0 | 65.5 | 65.1 | 63.9 | 62.1 | 60.4 | 58.6 | 56.8 | 53.1 |
| 102.5° | 71.6 | 71.0 | 70.4 | 69.7 | 69.1 | 67.7 | 65.4 | 63.0 | 60.7 | 58.5 | 89.9 |
| 105° | 75.8 | 74.9 | 74.0 | 73.1 | 72.2 | 70.6 | 68.2 | 65.7 | 63.3 | 60.8 | 121.3 |
| 107.5° | 78.0 | 77.1 | 76.2 | 75.3 | 74.4 | 75.3 | 77.7 | 80.2 | 82.7 | 85.2 | 157.8 |
| 110° | 78.8 | 77.9 | 77.0 | 76.1 | 75.3 | 85.9 | 108.0 | 130.2 | 152.4 | 174.6 | 238.6 |



TEST NUMBER: P331837-930

CATALOG NUMBER: S122RDIW-S865D1240U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 79.6 | 78.8 | 78.2 | 77.5 | 76.7 | 116.8 | 197.7 | 278.5 | 359.4 | 440.2 | 456.1 |
| 115° | 81.8 | 97.8 | 113.7 | 129.6 | 145.6 | 204.9 | 307.5 | 410.1 | 512.7 | 615.4 | 609.8 |
| 117.5° | 333.9 | 386.4 | 438.8 | 491.2 | 543.6 | 582.3 | 607.1 | 631.9 | 656.7 | 681.6 | 677.8 |
| 120° | 608.4 | 638.3 | 668.2 | 698.1 | 728.1 | 741.7 | 739.0 | 736.4 | 733.7 | 731.0 | 727.1 |
| 122.5° | 759.1 | 765.0 | 770.8 | 776.6 | 782.4 | 784.5 | 782.9 | 781.3 | 779.7 | 778.1 | 773.8 |
| 125° | 852.7 | 852.1 | 851.4 | 850.7 | 850.0 | 849.0 | 847.4 | 845.9 | 844.3 | 842.8 | 838.5 |
| 127.5° | 911.7 | 911.6 | 911.5 | 911.3 | 911.3 | 910.0 | 907.8 | 905.5 | 903.3 | 901.0 | 897.8 |
| 130° | 948.4 | 948.7 | 948.9 | 949.1 | 949.3 | 948.2 | 945.8 | 943.4 | 940.9 | 938.5 | 936.0 |
| 132.5° | 984.4 | 984.6 | 984.8 | 985.0 | 985.2 | 984.3 | 982.2 | 980.2 | 978.0 | 976.0 | 973.5 |
| 135° | 1036.2 | 1036.7 | 1037.1 | 1037.5 | 1038.0 | 1037.1 | 1034.9 | 1032.7 | 1030.5 | 1028.3 | 1026.2 |
| 137.5° | 1083.5 | 1084.3 | 1085.0 | 1085.7 | 1086.5 | 1085.8 | 1083.6 | 1081.4 | 1079.3 | 1077.1 | 1074.8 |
| 140° | 1113.0 | 1114.1 | 1115.2 | 1116.3 | 1117.4 | 1117.0 | 1115.0 | 1113.0 | 1111.0 | 1109.1 | 1106.6 |
| 142.5° | 1141.7 | 1142.8 | 1143.9 | 1145.1 | 1146.1 | 1145.8 | 1144.0 | 1142.2 | 1140.4 | 1138.6 | 1135.7 |
| 145° | 1181.9 | 1182.9 | 1184.1 | 1185.1 | 1186.3 | 1186.0 | 1184.5 | 1182.9 | 1181.4 | 1179.8 | 1176.1 |
| 147.5° | 1217.2 | 1218.1 | 1219.0 | 1219.9 | 1220.8 | 1220.7 | 1219.6 | 1218.5 | 1217.3 | 1216.1 | 1212.4 |
| 150° | 1238.7 | 1239.7 | 1240.9 | 1242.0 | 1243.1 | 1243.0 | 1241.7 | 1240.3 | 1239.0 | 1237.7 | 1234.1 |
| 152.5° | 1257.0 | 1258.5 | 1260.0 | 1261.4 | 1262.9 | 1263.0 | 1261.6 | 1260.3 | 1259.0 | 1257.6 | 1254.3 |
| 155° | 1282.5 | 1284.3 | 1286.1 | 1287.8 | 1289.6 | 1289.9 | 1288.6 | 1287.2 | 1285.9 | 1284.6 | 1281.9 |
| 157.5° | 1305.9 | 1307.7 | 1309.4 | 1311.1 | 1312.8 | 1313.0 | 1311.4 | 1309.9 | 1308.4 | 1306.9 | 1305.0 |
| 160° | 1319.5 | 1321.0 | 1322.6 | 1324.1 | 1325.7 | 1325.8 | 1324.5 | 1323.1 | 1321.8 | 1320.5 | 1319.2 |
| 162.5° | 1330.6 | 1332.5 | 1334.4 | 1336.4 | 1338.2 | 1338.5 | 1336.9 | 1335.5 | 1333.9 | 1332.4 | 1331.3 |
| 165° | 1347.4 | 1348.9 | 1350.5 | 1352.0 | 1353.6 | 1353.6 | 1352.0 | 1350.5 | 1348.9 | 1347.4 | 1346.7 |
| 167.5° | 1358.0 | 1359.9 | 1362.0 | 1363.9 | 1366.0 | 1366.1 | 1364.6 | 1363.0 | 1361.5 | 1359.9 | 1359.3 |
| 170° | 1364.3 | 1366.4 | 1368.3 | 1370.4 | 1372.3 | 1372.6 | 1371.0 | 1369.5 | 1367.9 | 1366.4 | 1365.9 |
| 172.5° | 1369.1 | 1371.1 | 1373.1 | 1375.1 | 1377.1 | 1377.3 | 1375.7 | 1374.2 | 1372.6 | 1371.1 | 1370.7 |
| 175° | 1373.3 | 1375.5 | 1377.8 | 1380.0 | 1382.2 | 1382.5 | 1381.0 | 1379.4 | 1377.9 | 1376.3 | 1375.9 |
| 177.5° | 1375.9 | 1377.5 | 1379.1 | 1380.7 | 1382.3 | 1382.5 | 1381.2 | 1380.0 | 1378.8 | 1377.5 | 1377.3 |
| 180° | 1378.3 | 1378.3 | 1378.3 | 1378.3 | 1378.3 | 1378.3 | 1378.3 | 1378.3 | 1378.3 | 1378.3 | 1378.3 |



TEST NUMBER: P331837-930

CATALOG NUMBER: S122RDIW-S865D1240U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1556.9 | 1556.9 | 1556.9 | 1556.9 | 1556.9 | 1556.9 | 1556.9 | 1556.9 | 1556.9 | 1556.9 | 1556.9 |
| 2.5° | 1594.1 | 1590.6 | 1587.6 | 1579.8 | 1575.9 | 1567.2 | 1565.9 | 1565.5 | 1554.3 | 1543.4 | 1540.4 |
| 5° | 1648.9 | 1640.2 | 1627.2 | 1612.1 | 1596.4 | 1580.1 | 1569.3 | 1560.6 | 1539.0 | 1518.5 | 1506.6 |
| 7.5° | 1704.1 | 1685.4 | 1663.0 | 1634.3 | 1610.5 | 1583.6 | 1563.7 | 1545.8 | 1515.2 | 1485.7 | 1465.9 |
| 10° | 1745.1 | 1714.8 | 1685.1 | 1645.6 | 1614.8 | 1584.5 | 1556.3 | 1532.0 | 1497.4 | 1458.4 | 1430.9 |
| 12.5° | 1770.7 | 1737.3 | 1696.3 | 1657.7 | 1617.8 | 1579.2 | 1541.6 | 1510.3 | 1469.7 | 1429.5 | 1396.6 |
| 15° | 1805.2 | 1769.4 | 1719.7 | 1664.5 | 1613.2 | 1562.8 | 1519.6 | 1480.6 | 1427.6 | 1379.4 | 1339.4 |
| 17.5° | 1833.4 | 1784.3 | 1730.9 | 1667.0 | 1607.5 | 1543.6 | 1487.8 | 1438.1 | 1379.1 | 1321.0 | 1273.8 |
| 20° | 1842.5 | 1793.8 | 1732.2 | 1668.3 | 1598.0 | 1522.8 | 1462.7 | 1408.7 | 1345.3 | 1282.1 | 1228.0 |
| 22.5° | 1836.9 | 1799.0 | 1730.4 | 1654.0 | 1582.0 | 1503.3 | 1435.5 | 1372.7 | 1302.5 | 1238.0 | 1175.2 |
| 25° | 1798.7 | 1785.7 | 1720.8 | 1637.4 | 1555.3 | 1463.9 | 1385.4 | 1316.7 | 1236.6 | 1167.4 | 1099.2 |
| 27.5° | 1709.7 | 1737.6 | 1697.5 | 1608.7 | 1517.3 | 1419.3 | 1331.1 | 1252.9 | 1169.8 | 1091.8 | 1023.9 |
| 30° | 1624.0 | 1688.3 | 1671.0 | 1588.8 | 1486.5 | 1390.2 | 1291.3 | 1209.6 | 1120.9 | 1040.8 | 973.7 |
| 32.5° | 1506.7 | 1613.0 | 1629.9 | 1561.1 | 1455.4 | 1349.6 | 1245.9 | 1164.6 | 1072.0 | 987.6 | 922.2 |
| 35° | 1320.0 | 1479.0 | 1552.0 | 1508.2 | 1402.2 | 1288.0 | 1180.9 | 1086.2 | 993.2 | 909.9 | 845.0 |
| 37.5° | 1097.1 | 1313.8 | 1435.5 | 1438.6 | 1341.2 | 1222.5 | 1106.0 | 1011.9 | 916.7 | 834.9 | 764.7 |
| 40° | 952.6 | 1187.4 | 1345.9 | 1381.0 | 1298.9 | 1170.6 | 1052.7 | 956.9 | 863.9 | 783.8 | 703.3 |
| 42.5° | 822.8 | 1056.7 | 1251.6 | 1312.7 | 1247.3 | 1120.0 | 1001.7 | 901.6 | 811.1 | 735.4 | 653.1 |
| 45° | 665.4 | 869.8 | 1084.6 | 1193.9 | 1157.6 | 1039.8 | 914.8 | 819.5 | 734.6 | 669.2 | 590.2 |
| 47.5° | 561.3 | 705.4 | 913.2 | 1061.0 | 1060.4 | 952.8 | 829.8 | 738.7 | 659.8 | 598.5 | 534.6 |
| 50° | 502.0 | 627.5 | 803.3 | 971.0 | 985.0 | 894.7 | 777.9 | 687.5 | 614.0 | 549.6 | 498.2 |
| 52.5° | 448.7 | 552.2 | 710.3 | 871.1 | 911.1 | 832.8 | 719.5 | 636.1 | 564.7 | 505.5 | 461.5 |
| 55° | 379.2 | 459.3 | 579.4 | 729.8 | 790.4 | 735.2 | 634.5 | 556.7 | 498.8 | 449.0 | 411.2 |
| 57.5° | 320.8 | 380.8 | 477.2 | 598.3 | 668.9 | 634.1 | 551.1 | 487.9 | 438.3 | 393.3 | 363.4 |
| 60° | 284.0 | 333.2 | 414.9 | 516.1 | 593.9 | 569.6 | 498.8 | 439.8 | 397.6 | 358.7 | 330.5 |
| 62.5° | 249.4 | 291.7 | 361.7 | 443.8 | 515.2 | 505.2 | 447.3 | 397.8 | 360.9 | 325.3 | 301.5 |
| 65° | 200.7 | 231.5 | 286.2 | 350.6 | 407.9 | 412.8 | 371.1 | 337.5 | 304.6 | 276.5 | 255.4 |
| 67.5° | 159.8 | 179.9 | 218.4 | 272.6 | 315.6 | 330.9 | 305.5 | 279.9 | 253.7 | 232.0 | 213.7 |
| 70° | 134.7 | 150.9 | 179.0 | 222.9 | 262.4 | 278.6 | 264.0 | 243.9 | 221.3 | 203.4 | 187.7 |
| 72.5° | 109.2 | 125.0 | 145.7 | 177.9 | 211.7 | 229.3 | 224.2 | 209.8 | 191.4 | 176.6 | 161.8 |
| 75° | 82.3 | 87.1 | 101.2 | 122.8 | 149.3 | 164.4 | 168.3 | 160.7 | 146.0 | 134.7 | 126.0 |
| 77.5° | 60.8 | 63.8 | 70.4 | 81.8 | 99.1 | 112.6 | 118.1 | 117.2 | 107.2 | 100.6 | 92.5 |
| 80° | 48.7 | 50.3 | 53.6 | 58.5 | 71.4 | 85.0 | 88.7 | 88.7 | 81.7 | 79.0 | 70.8 |
| 82.5° | 37.0 | 38.2 | 40.1 | 42.8 | 48.9 | 60.7 | 64.9 | 65.8 | 61.3 | 57.8 | 51.4 |
| 85° | 21.1 | 20.5 | 21.6 | 23.2 | 24.4 | 27.6 | 34.1 | 35.1 | 34.1 | 29.8 | 28.1 |
| 87.5° | 10.6 | 10.7 | 10.4 | 9.5 | 9.5 | 9.4 | 11.1 | 12.7 | 11.5 | 10.7 | 10.4 |
| 90° | 16.4 | 14.6 | 12.9 | 10.8 | 8.3 | 5.9 | 3.4 | 1.0 | 3.4 | 5.9 | 8.3 |
| 92.5° | 21.4 | 20.5 | 19.6 | 19.2 | 19.5 | 19.7 | 19.9 | 20.1 | 19.9 | 19.7 | 19.5 |
| 95° | 35.8 | 34.2 | 32.7 | 35.5 | 42.9 | 50.2 | 57.5 | 64.8 | 57.5 | 50.2 | 42.9 |
| 97.5° | 44.8 | 41.3 | 37.7 | 46.2 | 66.9 | 87.4 | 108.0 | 128.7 | 108.0 | 87.4 | 66.9 |
| 100° | 49.3 | 45.6 | 41.7 | 55.1 | 85.4 | 115.8 | 146.2 | 176.5 | 146.2 | 115.8 | 85.4 |
| 102.5° | 121.5 | 153.0 | 184.5 | 203.5 | 209.9 | 216.3 | 222.7 | 229.2 | 222.7 | 216.3 | 209.9 |
| 105° | 181.8 | 242.4 | 302.9 | 329.8 | 323.1 | 316.5 | 309.8 | 303.2 | 309.8 | 316.5 | 323.1 |
| 107.5° | 230.3 | 302.9 | 375.4 | 409.0 | 403.7 | 398.3 | 392.9 | 387.6 | 392.9 | 398.3 | 403.7 |
| 110° | 302.6 | 366.7 | 430.7 | 460.4 | 455.8 | 451.1 | 446.5 | 441.8 | 446.5 | 451.1 | 455.8 |



TEST NUMBER: P331837-930

CATALOG NUMBER: S122RDIW-S865D1240U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 471.9 | 487.7 | 503.5 | 509.4 | 505.2 | 501.1 | 497.0 | 492.8 | 497.0 | 501.1 | 505.2 |
| 115° | 604.3 | 598.8 | 593.2 | 588.6 | 584.7 | 581.0 | 577.2 | 573.5 | 577.2 | 581.0 | 584.7 |
| 117.5° | 673.9 | 670.1 | 666.3 | 662.3 | 658.1 | 653.9 | 649.7 | 645.5 | 649.7 | 653.9 | 658.1 |
| 120° | 723.1 | 719.1 | 715.1 | 711.4 | 708.1 | 704.7 | 701.5 | 698.1 | 701.5 | 704.7 | 708.1 |
| 122.5° | 769.4 | 765.1 | 760.8 | 756.8 | 753.3 | 749.8 | 746.3 | 742.8 | 746.3 | 749.8 | 753.3 |
| 125° | 834.3 | 830.1 | 825.9 | 822.3 | 819.5 | 816.6 | 813.7 | 810.8 | 813.7 | 816.6 | 819.5 |
| 127.5° | 894.7 | 891.5 | 888.4 | 885.3 | 882.1 | 878.8 | 875.6 | 872.5 | 875.6 | 878.8 | 882.1 |
| 130° | 933.6 | 931.2 | 928.7 | 925.8 | 922.2 | 918.7 | 915.1 | 911.6 | 915.1 | 918.7 | 922.2 |
| 132.5° | 971.1 | 968.7 | 966.2 | 963.5 | 960.5 | 957.5 | 954.5 | 951.5 | 954.5 | 957.5 | 960.5 |
| 135° | 1024.3 | 1022.2 | 1020.3 | 1017.5 | 1013.9 | 1010.4 | 1006.8 | 1003.3 | 1006.8 | 1010.4 | 1013.9 |
| 137.5° | 1072.6 | 1070.3 | 1068.0 | 1065.7 | 1063.2 | 1060.7 | 1058.3 | 1055.7 | 1058.3 | 1060.7 | 1063.2 |
| 140° | 1104.2 | 1101.7 | 1099.3 | 1097.1 | 1095.4 | 1093.6 | 1091.8 | 1090.1 | 1091.8 | 1093.6 | 1095.4 |
| 142.5° | 1132.9 | 1130.2 | 1127.4 | 1125.2 | 1123.6 | 1122.0 | 1120.4 | 1118.8 | 1120.4 | 1122.0 | 1123.6 |
| 145° | 1172.3 | 1168.6 | 1164.7 | 1163.0 | 1163.2 | 1163.4 | 1163.7 | 1163.8 | 1163.7 | 1163.4 | 1163.2 |
| 147.5° | 1208.7 | 1204.9 | 1201.3 | 1199.8 | 1200.6 | 1201.5 | 1202.3 | 1203.1 | 1202.3 | 1201.5 | 1200.6 |
| 150° | 1230.6 | 1227.0 | 1223.5 | 1222.5 | 1224.0 | 1225.6 | 1227.2 | 1228.7 | 1227.2 | 1225.6 | 1224.0 |
| 152.5° | 1250.9 | 1247.5 | 1244.1 | 1243.3 | 1245.0 | 1246.8 | 1248.5 | 1250.3 | 1248.5 | 1246.8 | 1245.0 |
| 155° | 1279.2 | 1276.6 | 1273.9 | 1273.6 | 1275.5 | 1277.6 | 1279.5 | 1281.6 | 1279.5 | 1277.6 | 1275.5 |
| 157.5° | 1303.2 | 1301.3 | 1299.4 | 1299.3 | 1301.1 | 1302.7 | 1304.4 | 1306.1 | 1304.4 | 1302.7 | 1301.1 |
| 160° | 1317.8 | 1316.5 | 1315.2 | 1315.2 | 1316.5 | 1317.8 | 1319.2 | 1320.5 | 1319.2 | 1317.8 | 1316.5 |
| 162.5° | 1330.1 | 1328.9 | 1327.8 | 1327.9 | 1329.3 | 1330.6 | 1331.9 | 1333.3 | 1331.9 | 1330.6 | 1329.3 |
| 165° | 1346.1 | 1345.4 | 1344.8 | 1345.1 | 1346.4 | 1347.7 | 1349.1 | 1350.4 | 1349.1 | 1347.7 | 1346.4 |
| 167.5° | 1358.7 | 1358.1 | 1357.5 | 1357.8 | 1359.2 | 1360.5 | 1361.8 | 1363.2 | 1361.8 | 1360.5 | 1359.2 |
| 170° | 1365.5 | 1365.0 | 1364.6 | 1365.0 | 1366.4 | 1367.7 | 1369.0 | 1370.4 | 1369.0 | 1367.7 | 1366.4 |
| 172.5° | 1370.2 | 1369.8 | 1369.4 | 1369.8 | 1371.1 | 1372.5 | 1373.8 | 1375.1 | 1373.8 | 1372.5 | 1371.1 |
| 175° | 1375.4 | 1375.0 | 1374.5 | 1375.1 | 1376.6 | 1378.2 | 1379.7 | 1381.3 | 1379.7 | 1378.2 | 1376.6 |
| 177.5° | 1377.1 | 1377.0 | 1376.8 | 1377.3 | 1378.6 | 1379.8 | 1381.0 | 1382.3 | 1381.0 | 1379.8 | 1378.6 |
| 180° | 1378.3 | 1378.3 | 1378.3 | 1378.3 | 1378.3 | 1378.3 | 1378.3 | 1378.3 | 1378.3 | 1378.3 | 1378.3 |



TEST NUMBER: P331837-930

CATALOG NUMBER: S122RDIW-S865D1240U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1556.9 | 1556.9 | 1556.9 | 1556.9 | 1556.9 | 1556.9 | 1556.9 | 1556.9 | 1556.9 | 1556.9 | 1556.9 |
| 2.5° | 1534.8 | 1531.8 | 1526.2 | 1517.5 | 1512.3 | 1503.2 | 1497.1 | 1500.6 | 1501.5 | 1500.6 | 1499.7 |
| 5° | 1493.5 | 1482.2 | 1466.6 | 1451.4 | 1437.3 | 1422.2 | 1413.5 | 1409.7 | 1402.2 | 1397.8 | 1395.7 |
| 7.5° | 1443.7 | 1424.2 | 1401.9 | 1375.6 | 1353.2 | 1329.7 | 1317.7 | 1311.7 | 1296.2 | 1287.8 | 1280.4 |
| 10° | 1406.5 | 1375.7 | 1353.5 | 1318.8 | 1297.8 | 1266.9 | 1245.9 | 1246.3 | 1225.2 | 1213.3 | 1204.7 |
| 12.5° | 1365.4 | 1331.5 | 1294.6 | 1263.5 | 1234.1 | 1209.3 | 1184.0 | 1173.6 | 1151.3 | 1139.8 | 1116.4 |
| 15° | 1297.2 | 1257.8 | 1218.8 | 1176.6 | 1146.8 | 1108.4 | 1071.6 | 1026.7 | 990.5 | 959.1 | 950.5 |
| 17.5° | 1222.8 | 1173.9 | 1134.8 | 1085.2 | 1034.3 | 969.7 | 927.1 | 901.0 | 879.1 | 862.6 | 850.3 |
| 20° | 1171.7 | 1121.9 | 1080.3 | 1005.7 | 936.9 | 893.2 | 861.8 | 841.7 | 819.0 | 801.2 | 791.4 |
| 22.5° | 1118.0 | 1066.1 | 1009.3 | 926.0 | 872.5 | 837.3 | 809.3 | 786.4 | 770.9 | 757.0 | 748.1 |
| 25° | 1041.9 | 985.0 | 891.5 | 834.1 | 790.8 | 754.1 | 734.6 | 720.6 | 704.3 | 685.4 | 676.7 |
| 27.5° | 961.4 | 871.1 | 803.9 | 761.2 | 719.9 | 696.0 | 678.5 | 657.5 | 642.9 | 634.5 | 625.4 |
| 30° | 901.2 | 810.9 | 758.4 | 711.9 | 682.7 | 656.2 | 635.6 | 623.7 | 609.7 | 595.1 | 589.1 |
| 32.5° | 834.1 | 762.0 | 711.7 | 672.9 | 643.3 | 620.7 | 604.5 | 585.2 | 575.0 | 566.1 | 553.6 |
| 35° | 750.8 | 696.2 | 650.2 | 618.9 | 590.8 | 572.3 | 553.4 | 542.0 | 523.7 | 516.1 | 511.2 |
| 37.5° | 680.3 | 632.9 | 598.6 | 565.5 | 543.2 | 522.9 | 511.3 | 493.3 | 485.3 | 474.7 | 464.5 |
| 40° | 640.5 | 593.9 | 561.0 | 533.9 | 509.1 | 493.9 | 479.3 | 464.7 | 452.8 | 447.9 | 435.5 |
| 42.5° | 599.8 | 562.0 | 529.0 | 499.3 | 482.7 | 466.6 | 448.2 | 437.4 | 425.1 | 417.2 | 409.5 |
| 45° | 543.6 | 510.1 | 482.0 | 457.6 | 439.3 | 422.5 | 410.6 | 392.7 | 385.7 | 370.0 | 363.5 |
| 47.5° | 494.3 | 463.2 | 436.3 | 413.2 | 395.3 | 384.3 | 366.9 | 352.9 | 341.7 | 332.1 | 323.7 |
| 50° | 459.3 | 433.3 | 407.3 | 386.8 | 370.6 | 354.9 | 337.0 | 330.0 | 312.7 | 307.8 | 303.0 |
| 52.5° | 427.2 | 402.6 | 378.8 | 358.7 | 342.4 | 327.2 | 311.4 | 302.3 | 290.6 | 285.8 | 282.2 |
| 55° | 382.5 | 358.7 | 335.9 | 318.0 | 301.8 | 286.2 | 276.5 | 265.1 | 259.7 | 255.8 | 251.5 |
| 57.5° | 337.5 | 316.0 | 298.6 | 280.5 | 264.2 | 251.8 | 240.5 | 233.7 | 228.0 | 223.1 | 217.9 |
| 60° | 308.9 | 288.3 | 272.6 | 255.8 | 239.1 | 228.9 | 220.1 | 212.1 | 205.5 | 198.0 | 195.8 |
| 62.5° | 278.6 | 260.7 | 246.2 | 229.9 | 215.3 | 205.9 | 197.6 | 190.0 | 182.2 | 171.1 | 168.1 |
| 65° | 236.9 | 222.9 | 207.7 | 194.2 | 181.2 | 172.0 | 160.1 | 151.5 | 148.2 | 147.2 | 146.6 |
| 67.5° | 199.3 | 186.0 | 173.0 | 159.1 | 147.3 | 138.8 | 132.7 | 131.4 | 129.1 | 128.5 | 127.0 |
| 70° | 174.1 | 161.8 | 148.8 | 135.7 | 124.4 | 122.8 | 120.7 | 118.5 | 115.8 | 114.7 | 113.6 |
| 72.5° | 151.6 | 138.8 | 125.8 | 115.4 | 110.6 | 108.5 | 106.3 | 104.2 | 102.3 | 101.3 | 100.6 |
| 75° | 116.3 | 104.4 | 95.7 | 92.0 | 89.3 | 87.6 | 84.4 | 82.8 | 81.7 | 80.1 | 79.5 |
| 77.5° | 83.7 | 77.0 | 73.1 | 70.7 | 67.8 | 66.1 | 64.2 | 62.6 | 61.5 | 61.1 | 60.3 |
| 80° | 63.8 | 60.6 | 57.9 | 54.6 | 53.6 | 51.4 | 50.9 | 49.2 | 49.7 | 48.2 | 48.2 |
| 82.5° | 49.6 | 45.4 | 43.1 | 41.7 | 40.6 | 38.8 | 38.3 | 37.5 | 37.7 | 36.4 | 36.4 |
| 85° | 25.4 | 24.4 | 23.2 | 22.2 | 22.2 | 20.5 | 21.1 | 20.5 | 20.5 | 19.5 | 18.9 |
| 87.5° | 10.4 | 10.4 | 9.9 | 10.2 | 10.6 | 10.5 | 10.7 | 10.5 | 10.7 | 10.9 | 10.7 |
| 90° | 10.8 | 12.9 | 14.6 | 16.4 | 18.2 | 20.0 | 21.0 | 22.2 | 23.2 | 24.4 | 25.2 |
| 92.5° | 19.2 | 19.6 | 20.5 | 21.4 | 22.3 | 23.2 | 23.7 | 24.3 | 24.9 | 25.4 | 25.8 |
| 95° | 35.5 | 32.7 | 34.2 | 35.8 | 37.3 | 38.9 | 40.0 | 41.1 | 42.2 | 43.3 | 43.8 |
| 97.5° | 46.2 | 37.7 | 41.3 | 44.8 | 48.5 | 52.1 | 52.9 | 53.8 | 54.7 | 55.6 | 56.2 |
| 100° | 55.1 | 41.7 | 45.6 | 49.3 | 53.1 | 56.8 | 58.6 | 60.4 | 62.1 | 63.9 | 65.1 |
| 102.5° | 203.5 | 184.5 | 153.0 | 121.5 | 89.9 | 58.5 | 60.7 | 63.0 | 65.4 | 67.7 | 69.1 |
| 105° | 329.8 | 302.9 | 242.4 | 181.8 | 121.3 | 60.8 | 63.3 | 65.7 | 68.2 | 70.6 | 72.2 |
| 107.5° | 409.0 | 375.4 | 302.9 | 230.3 | 157.8 | 85.2 | 82.7 | 80.2 | 77.7 | 75.3 | 74.4 |
| 110° | 460.4 | 430.7 | 366.7 | 302.6 | 238.6 | 174.6 | 152.4 | 130.2 | 108.0 | 85.9 | 75.3 |



TEST NUMBER: P331837-930

CATALOG NUMBER: S122RDIW-S865D1240U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 509.4 | 503.5 | 487.7 | 471.9 | 456.1 | 440.2 | 359.4 | 278.5 | 197.7 | 116.8 | 76.7 |
| 115° | 588.6 | 593.2 | 598.8 | 604.3 | 609.8 | 615.4 | 512.7 | 410.1 | 307.5 | 204.9 | 145.6 |
| 117.5° | 662.3 | 666.3 | 670.1 | 673.9 | 677.8 | 681.6 | 656.7 | 631.9 | 607.1 | 582.3 | 543.6 |
| 120° | 711.4 | 715.1 | 719.1 | 723.1 | 727.1 | 731.0 | 733.7 | 736.4 | 739.0 | 741.7 | 728.1 |
| 122.5° | 756.8 | 760.8 | 765.1 | 769.4 | 773.8 | 778.1 | 779.7 | 781.3 | 782.9 | 784.5 | 782.4 |
| 125° | 822.3 | 825.9 | 830.1 | 834.3 | 838.5 | 842.8 | 844.3 | 845.9 | 847.4 | 849.0 | 850.0 |
| 127.5° | 885.3 | 888.4 | 891.5 | 894.7 | 897.8 | 901.0 | 903.3 | 905.5 | 907.8 | 910.0 | 911.3 |
| 130° | 925.8 | 928.7 | 931.2 | 933.6 | 936.0 | 938.5 | 940.9 | 943.4 | 945.8 | 948.2 | 949.3 |
| 132.5° | 963.5 | 966.2 | 968.7 | 971.1 | 973.5 | 976.0 | 978.0 | 980.2 | 982.2 | 984.3 | 985.2 |
| 135° | 1017.5 | 1020.3 | 1022.2 | 1024.3 | 1026.2 | 1028.3 | 1030.5 | 1032.7 | 1034.9 | 1037.1 | 1038.0 |
| 137.5° | 1065.7 | 1068.0 | 1070.3 | 1072.6 | 1074.8 | 1077.1 | 1079.3 | 1081.4 | 1083.6 | 1085.8 | 1086.5 |
| 140° | 1097.1 | 1099.3 | 1101.7 | 1104.2 | 1106.6 | 1109.1 | 1111.0 | 1113.0 | 1115.0 | 1117.0 | 1117.4 |
| 142.5° | 1125.2 | 1127.4 | 1130.2 | 1132.9 | 1135.7 | 1138.6 | 1140.4 | 1142.2 | 1144.0 | 1145.8 | 1146.1 |
| 145° | 1163.0 | 1164.7 | 1168.6 | 1172.3 | 1176.1 | 1179.8 | 1181.4 | 1182.9 | 1184.5 | 1186.0 | 1186.3 |
| 147.5° | 1199.8 | 1201.3 | 1204.9 | 1208.7 | 1212.4 | 1216.1 | 1217.3 | 1218.5 | 1219.6 | 1220.7 | 1220.8 |
| 150° | 1222.5 | 1223.5 | 1227.0 | 1230.6 | 1234.1 | 1237.7 | 1239.0 | 1240.3 | 1241.7 | 1243.0 | 1243.1 |
| 152.5° | 1243.3 | 1244.1 | 1247.5 | 1250.9 | 1254.3 | 1257.6 | 1259.0 | 1260.3 | 1261.6 | 1263.0 | 1262.9 |
| 155° | 1273.6 | 1273.9 | 1276.6 | 1279.2 | 1281.9 | 1284.6 | 1285.9 | 1287.2 | 1288.6 | 1289.9 | 1289.6 |
| 157.5° | 1299.3 | 1299.4 | 1301.3 | 1303.2 | 1305.0 | 1306.9 | 1308.4 | 1309.9 | 1311.4 | 1313.0 | 1312.8 |
| 160° | 1315.2 | 1315.2 | 1316.5 | 1317.8 | 1319.2 | 1320.5 | 1321.8 | 1323.1 | 1324.5 | 1325.8 | 1325.7 |
| 162.5° | 1327.9 | 1327.8 | 1328.9 | 1330.1 | 1331.3 | 1332.4 | 1333.9 | 1335.5 | 1336.9 | 1338.5 | 1338.2 |
| 165° | 1345.1 | 1344.8 | 1345.4 | 1346.1 | 1346.7 | 1347.4 | 1348.9 | 1350.5 | 1352.0 | 1353.6 | 1353.6 |
| 167.5° | 1357.8 | 1357.5 | 1358.1 | 1358.7 | 1359.3 | 1359.9 | 1361.5 | 1363.0 | 1364.6 | 1366.1 | 1366.0 |
| 170° | 1365.0 | 1364.6 | 1365.0 | 1365.5 | 1365.9 | 1366.4 | 1367.9 | 1369.5 | 1371.0 | 1372.6 | 1372.3 |
| 172.5° | 1369.8 | 1369.4 | 1369.8 | 1370.2 | 1370.7 | 1371.1 | 1372.6 | 1374.2 | 1375.7 | 1377.3 | 1377.1 |
| 175° | 1375.1 | 1374.5 | 1375.0 | 1375.4 | 1375.9 | 1376.3 | 1377.9 | 1379.4 | 1381.0 | 1382.5 | 1382.2 |
| 177.5° | 1377.3 | 1376.8 | 1377.0 | 1377.1 | 1377.3 | 1377.5 | 1378.8 | 1380.0 | 1381.2 | 1382.5 | 1382.3 |
| 180° | 1378.3 | 1378.3 | 1378.3 | 1378.3 | 1378.3 | 1378.3 | 1378.3 | 1378.3 | 1378.3 | 1378.3 | 1378.3 |



TEST NUMBER: P331837-930

CATALOG NUMBER: S122RDIW-S865D1240U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1556.9 | 1556.9 | 1556.9 | 1556.9 | 1556.9 | 1556.9 | 1556.9 | 1556.9 | 1556.9 | 1556.9 | 1556.9 |
| 2.5° | 1495.0 | 1495.8 | 1494.5 | 1495.4 | 1494.5 | 1495.8 | 1495.0 | 1499.7 | 1500.6 | 1501.5 | 1500.6 |
| 5° | 1392.9 | 1386.5 | 1385.4 | 1383.8 | 1385.4 | 1386.5 | 1392.9 | 1395.7 | 1397.8 | 1402.2 | 1409.7 |
| 7.5° | 1271.1 | 1270.2 | 1267.5 | 1263.7 | 1267.5 | 1270.2 | 1271.1 | 1280.4 | 1287.8 | 1296.2 | 1311.7 |
| 10° | 1192.8 | 1190.1 | 1189.6 | 1185.8 | 1189.6 | 1190.1 | 1192.8 | 1204.7 | 1213.3 | 1225.2 | 1246.3 |
| 12.5° | 1101.1 | 1083.6 | 1081.8 | 1072.4 | 1081.8 | 1083.6 | 1101.1 | 1116.4 | 1139.8 | 1151.3 | 1173.6 |
| 15° | 937.5 | 934.3 | 923.4 | 916.4 | 923.4 | 934.3 | 937.5 | 950.5 | 959.1 | 990.5 | 1026.7 |
| 17.5° | 844.0 | 833.4 | 830.1 | 828.5 | 830.1 | 833.4 | 844.0 | 850.3 | 862.6 | 879.1 | 901.0 |
| 20° | 783.8 | 774.1 | 772.5 | 771.4 | 772.5 | 774.1 | 783.8 | 791.4 | 801.2 | 819.0 | 841.7 |
| 22.5° | 742.3 | 732.1 | 727.9 | 724.6 | 727.9 | 732.1 | 742.3 | 748.1 | 757.0 | 770.9 | 786.4 |
| 25° | 671.3 | 667.6 | 665.4 | 664.3 | 665.4 | 667.6 | 671.3 | 676.7 | 685.4 | 704.3 | 720.6 |
| 27.5° | 615.8 | 607.5 | 605.8 | 603.1 | 605.8 | 607.5 | 615.8 | 625.4 | 634.5 | 642.9 | 657.5 |
| 30° | 584.2 | 581.6 | 577.7 | 574.5 | 577.7 | 581.6 | 584.2 | 589.1 | 595.1 | 609.7 | 623.7 |
| 32.5° | 547.0 | 544.8 | 541.4 | 539.9 | 541.4 | 544.8 | 547.0 | 553.6 | 566.1 | 575.0 | 585.2 |
| 35° | 505.8 | 498.2 | 495.0 | 490.1 | 495.0 | 498.2 | 505.8 | 511.2 | 516.1 | 523.7 | 542.0 |
| 37.5° | 462.2 | 458.2 | 453.6 | 455.3 | 453.6 | 458.2 | 462.2 | 464.5 | 474.7 | 485.3 | 493.3 |
| 40° | 428.4 | 425.7 | 424.7 | 424.1 | 424.7 | 425.7 | 428.4 | 435.5 | 447.9 | 452.8 | 464.7 |
| 42.5° | 401.6 | 394.1 | 391.3 | 391.2 | 391.3 | 394.1 | 401.6 | 409.5 | 417.2 | 425.1 | 437.4 |
| 45° | 360.9 | 353.8 | 348.9 | 349.4 | 348.9 | 353.8 | 360.9 | 363.5 | 370.0 | 385.7 | 392.7 |
| 47.5° | 319.0 | 318.9 | 315.8 | 316.8 | 315.8 | 318.9 | 319.0 | 323.7 | 332.1 | 341.7 | 352.9 |
| 50° | 299.1 | 295.9 | 293.8 | 294.2 | 293.8 | 295.9 | 299.1 | 303.0 | 307.8 | 312.7 | 330.0 |
| 52.5° | 280.1 | 277.3 | 275.6 | 277.9 | 275.6 | 277.3 | 280.1 | 282.2 | 285.8 | 290.6 | 302.3 |
| 55° | 248.8 | 245.6 | 245.1 | 244.5 | 245.1 | 245.6 | 248.8 | 251.5 | 255.8 | 259.7 | 265.1 |
| 57.5° | 213.9 | 211.7 | 208.5 | 207.1 | 208.5 | 211.7 | 213.9 | 217.9 | 223.1 | 228.0 | 233.7 |
| 60° | 188.8 | 184.5 | 179.0 | 178.6 | 179.0 | 184.5 | 188.8 | 195.8 | 198.0 | 205.5 | 212.1 |
| 62.5° | 165.8 | 165.0 | 163.9 | 163.8 | 163.9 | 165.0 | 165.8 | 168.1 | 171.1 | 182.2 | 190.0 |
| 65° | 145.5 | 145.0 | 145.5 | 146.0 | 145.5 | 145.0 | 145.5 | 146.6 | 147.2 | 148.2 | 151.5 |
| 67.5° | 126.8 | 125.8 | 124.8 | 125.3 | 124.8 | 125.8 | 126.8 | 127.0 | 128.5 | 129.1 | 131.4 |
| 70° | 112.5 | 111.9 | 111.5 | 111.5 | 111.5 | 111.9 | 112.5 | 113.6 | 114.7 | 115.8 | 118.5 |
| 72.5° | 98.7 | 98.6 | 98.0 | 97.6 | 98.0 | 98.6 | 98.7 | 100.6 | 101.3 | 102.3 | 104.2 |
| 75° | 79.0 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 79.0 | 79.5 | 80.1 | 81.7 | 82.8 |
| 77.5° | 60.2 | 59.6 | 59.1 | 58.6 | 59.1 | 59.6 | 60.2 | 60.3 | 61.1 | 61.5 | 62.6 |
| 80° | 47.6 | 47.0 | 46.6 | 46.6 | 46.6 | 47.0 | 47.6 | 48.2 | 48.2 | 49.7 | 49.2 |
| 82.5° | 36.4 | 35.8 | 35.7 | 35.3 | 35.7 | 35.8 | 36.4 | 36.4 | 36.4 | 37.7 | 37.5 |
| 85° | 19.5 | 20.0 | 19.5 | 20.5 | 19.5 | 20.0 | 19.5 | 18.9 | 19.5 | 20.5 | 20.5 |
| 87.5° | 10.8 | 10.4 | 10.9 | 10.6 | 10.9 | 10.4 | 10.8 | 10.7 | 10.9 | 10.7 | 10.5 |
| 90° | 25.6 | 26.0 | 26.5 | 26.9 | 26.5 | 26.0 | 25.6 | 25.2 | 24.4 | 23.2 | 22.2 |
| 92.5° | 26.1 | 26.4 | 26.7 | 26.9 | 26.7 | 26.4 | 26.1 | 25.8 | 25.4 | 24.9 | 24.3 |
| 95° | 43.5 | 43.3 | 43.1 | 42.9 | 43.1 | 43.3 | 43.5 | 43.8 | 43.3 | 42.2 | 41.1 |
| 97.5° | 56.4 | 56.7 | 57.0 | 57.2 | 57.0 | 56.7 | 56.4 | 56.2 | 55.6 | 54.7 | 53.8 |
| 100° | 65.5 | 66.0 | 66.4 | 66.9 | 66.4 | 66.0 | 65.5 | 65.1 | 63.9 | 62.1 | 60.4 |
| 102.5° | 69.7 | 70.4 | 71.0 | 71.6 | 71.0 | 70.4 | 69.7 | 69.1 | 67.7 | 65.4 | 63.0 |
| 105° | 73.1 | 74.0 | 74.9 | 75.8 | 74.9 | 74.0 | 73.1 | 72.2 | 70.6 | 68.2 | 65.7 |
| 107.5° | 75.3 | 76.2 | 77.1 | 78.0 | 77.1 | 76.2 | 75.3 | 74.4 | 75.3 | 77.7 | 80.2 |
| 110° | 76.1 | 77.0 | 77.9 | 78.8 | 77.9 | 77.0 | 76.1 | 75.3 | 85.9 | 108.0 | 130.2 |



TEST NUMBER: P331837-930

CATALOG NUMBER: S122RDIW-S865D1240U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 77.5 | 78.2 | 78.8 | 79.6 | 78.8 | 78.2 | 77.5 | 76.7 | 116.8 | 197.7 | 278.5 |
| 115° | 129.6 | 113.7 | 97.8 | 81.8 | 97.8 | 113.7 | 129.6 | 145.6 | 204.9 | 307.5 | 410.1 |
| 117.5° | 491.2 | 438.8 | 386.4 | 333.9 | 386.4 | 438.8 | 491.2 | 543.6 | 582.3 | 607.1 | 631.9 |
| 120° | 698.1 | 668.2 | 638.3 | 608.4 | 638.3 | 668.2 | 698.1 | 728.1 | 741.7 | 739.0 | 736.4 |
| 122.5° | 776.6 | 770.8 | 765.0 | 759.1 | 765.0 | 770.8 | 776.6 | 782.4 | 784.5 | 782.9 | 781.3 |
| 125° | 850.7 | 851.4 | 852.1 | 852.7 | 852.1 | 851.4 | 850.7 | 850.0 | 849.0 | 847.4 | 845.9 |
| 127.5° | 911.3 | 911.5 | 911.6 | 911.7 | 911.6 | 911.5 | 911.3 | 911.3 | 910.0 | 907.8 | 905.5 |
| 130° | 949.1 | 948.9 | 948.7 | 948.4 | 948.7 | 948.9 | 949.1 | 949.3 | 948.2 | 945.8 | 943.4 |
| 132.5° | 985.0 | 984.8 | 984.6 | 984.4 | 984.6 | 984.8 | 985.0 | 985.2 | 984.3 | 982.2 | 980.2 |
| 135° | 1037.5 | 1037.1 | 1036.7 | 1036.2 | 1036.7 | 1037.1 | 1037.5 | 1038.0 | 1037.1 | 1034.9 | 1032.7 |
| 137.5° | 1085.7 | 1085.0 | 1084.3 | 1083.5 | 1084.3 | 1085.0 | 1085.7 | 1086.5 | 1085.8 | 1083.6 | 1081.4 |
| 140° | 1116.3 | 1115.2 | 1114.1 | 1113.0 | 1114.1 | 1115.2 | 1116.3 | 1117.4 | 1117.0 | 1115.0 | 1113.0 |
| 142.5° | 1145.1 | 1143.9 | 1142.8 | 1141.7 | 1142.8 | 1143.9 | 1145.1 | 1146.1 | 1145.8 | 1144.0 | 1142.2 |
| 145° | 1185.1 | 1184.1 | 1182.9 | 1181.9 | 1182.9 | 1184.1 | 1185.1 | 1186.3 | 1186.0 | 1184.5 | 1182.9 |
| 147.5° | 1219.9 | 1219.0 | 1218.1 | 1217.2 | 1218.1 | 1219.0 | 1219.9 | 1220.8 | 1220.7 | 1219.6 | 1218.5 |
| 150° | 1242.0 | 1240.9 | 1239.7 | 1238.7 | 1239.7 | 1240.9 | 1242.0 | 1243.1 | 1243.0 | 1241.7 | 1240.3 |
| 152.5° | 1261.4 | 1260.0 | 1258.5 | 1257.0 | 1258.5 | 1260.0 | 1261.4 | 1262.9 | 1263.0 | 1261.6 | 1260.3 |
| 155° | 1287.8 | 1286.1 | 1284.3 | 1282.5 | 1284.3 | 1286.1 | 1287.8 | 1289.6 | 1289.9 | 1288.6 | 1287.2 |
| 157.5° | 1311.1 | 1309.4 | 1307.7 | 1305.9 | 1307.7 | 1309.4 | 1311.1 | 1312.8 | 1313.0 | 1311.4 | 1309.9 |
| 160° | 1324.1 | 1322.6 | 1321.0 | 1319.5 | 1321.0 | 1322.6 | 1324.1 | 1325.7 | 1325.8 | 1324.5 | 1323.1 |
| 162.5° | 1336.4 | 1334.4 | 1332.5 | 1330.6 | 1332.5 | 1334.4 | 1336.4 | 1338.2 | 1338.5 | 1336.9 | 1335.5 |
| 165° | 1352.0 | 1350.5 | 1348.9 | 1347.4 | 1348.9 | 1350.5 | 1352.0 | 1353.6 | 1353.6 | 1352.0 | 1350.5 |
| 167.5° | 1363.9 | 1362.0 | 1359.9 | 1358.0 | 1359.9 | 1362.0 | 1363.9 | 1366.0 | 1366.1 | 1364.6 | 1363.0 |
| 170° | 1370.4 | 1368.3 | 1366.4 | 1364.3 | 1366.4 | 1368.3 | 1370.4 | 1372.3 | 1372.6 | 1371.0 | 1369.5 |
| 172.5° | 1375.1 | 1373.1 | 1371.1 | 1369.1 | 1371.1 | 1373.1 | 1375.1 | 1377.1 | 1377.3 | 1375.7 | 1374.2 |
| 175° | 1380.0 | 1377.8 | 1375.5 | 1373.3 | 1375.5 | 1377.8 | 1380.0 | 1382.2 | 1382.5 | 1381.0 | 1379.4 |
| 177.5° | 1380.7 | 1379.1 | 1377.5 | 1375.9 | 1377.5 | 1379.1 | 1380.7 | 1382.3 | 1382.5 | 1381.2 | 1380.0 |
| 180° | 1378.3 | 1378.3 | 1378.3 | 1378.3 | 1378.3 | 1378.3 | 1378.3 | 1378.3 | 1378.3 | 1378.3 | 1378.3 |



TEST NUMBER: P331837-930

CATALOG NUMBER: S122RDIW-S865D1240U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1556.9 | 1556.9 | 1556.9 | 1556.9 | 1556.9 | 1556.9 | 1556.9 | 1556.9 | 1556.9 | 1556.9 | 1556.9 |
| 2.5° | 1497.1 | 1503.2 | 1512.3 | 1517.5 | 1526.2 | 1531.8 | 1534.8 | 1540.4 | 1543.4 | 1554.3 | 1565.5 |
| 5° | 1413.5 | 1422.2 | 1437.3 | 1451.4 | 1466.6 | 1482.2 | 1493.5 | 1506.6 | 1518.5 | 1539.0 | 1560.6 |
| 7.5° | 1317.7 | 1329.7 | 1353.2 | 1375.6 | 1401.9 | 1424.2 | 1443.7 | 1465.9 | 1485.7 | 1515.2 | 1545.8 |
| 10° | 1245.9 | 1266.9 | 1297.8 | 1318.8 | 1353.5 | 1375.7 | 1406.5 | 1430.9 | 1458.4 | 1497.4 | 1532.0 |
| 12.5° | 1184.0 | 1209.3 | 1234.1 | 1263.5 | 1294.6 | 1331.5 | 1365.4 | 1396.6 | 1429.5 | 1469.7 | 1510.3 |
| 15° | 1071.6 | 1108.4 | 1146.8 | 1176.6 | 1218.8 | 1257.8 | 1297.2 | 1339.4 | 1379.4 | 1427.6 | 1480.6 |
| 17.5° | 927.1 | 969.7 | 1034.3 | 1085.2 | 1134.8 | 1173.9 | 1222.8 | 1273.8 | 1321.0 | 1379.1 | 1438.1 |
| 20° | 861.8 | 893.2 | 936.9 | 1005.7 | 1080.3 | 1121.9 | 1171.7 | 1228.0 | 1282.1 | 1345.3 | 1408.7 |
| 22.5° | 809.3 | 837.3 | 872.5 | 926.0 | 1009.3 | 1066.1 | 1118.0 | 1175.2 | 1238.0 | 1302.5 | 1372.7 |
| 25° | 734.6 | 754.1 | 790.8 | 834.1 | 891.5 | 985.0 | 1041.9 | 1099.2 | 1167.4 | 1236.6 | 1316.7 |
| 27.5° | 678.5 | 696.0 | 719.9 | 761.2 | 803.9 | 871.1 | 961.4 | 1023.9 | 1091.8 | 1169.8 | 1252.9 |
| 30° | 635.6 | 656.2 | 682.7 | 711.9 | 758.4 | 810.9 | 901.2 | 973.7 | 1040.8 | 1120.9 | 1209.6 |
| 32.5° | 604.5 | 620.7 | 643.3 | 672.9 | 711.7 | 762.0 | 834.1 | 922.2 | 987.6 | 1072.0 | 1164.6 |
| 35° | 553.4 | 572.3 | 590.8 | 618.9 | 650.2 | 696.2 | 750.8 | 845.0 | 909.9 | 993.2 | 1086.2 |
| 37.5° | 511.3 | 522.9 | 543.2 | 565.5 | 598.6 | 632.9 | 680.3 | 764.7 | 834.9 | 916.7 | 1011.9 |
| 40° | 479.3 | 493.9 | 509.1 | 533.9 | 561.0 | 593.9 | 640.5 | 703.3 | 783.8 | 863.9 | 956.9 |
| 42.5° | 448.2 | 466.6 | 482.7 | 499.3 | 529.0 | 562.0 | 599.8 | 653.1 | 735.4 | 811.1 | 901.6 |
| 45° | 410.6 | 422.5 | 439.3 | 457.6 | 482.0 | 510.1 | 543.6 | 590.2 | 669.2 | 734.6 | 819.5 |
| 47.5° | 366.9 | 384.3 | 395.3 | 413.2 | 436.3 | 463.2 | 494.3 | 534.6 | 598.5 | 659.8 | 738.7 |
| 50° | 337.0 | 354.9 | 370.6 | 386.8 | 407.3 | 433.3 | 459.3 | 498.2 | 549.6 | 614.0 | 687.5 |
| 52.5° | 311.4 | 327.2 | 342.4 | 358.7 | 378.8 | 402.6 | 427.2 | 461.5 | 505.5 | 564.7 | 636.1 |
| 55° | 276.5 | 286.2 | 301.8 | 318.0 | 335.9 | 358.7 | 382.5 | 411.2 | 449.0 | 498.8 | 556.7 |
| 57.5° | 240.5 | 251.8 | 264.2 | 280.5 | 298.6 | 316.0 | 337.5 | 363.4 | 393.3 | 438.3 | 487.9 |
| 60° | 220.1 | 228.9 | 239.1 | 255.8 | 272.6 | 288.3 | 308.9 | 330.5 | 358.7 | 397.6 | 439.8 |
| 62.5° | 197.6 | 205.9 | 215.3 | 229.9 | 246.2 | 260.7 | 278.6 | 301.5 | 325.3 | 360.9 | 397.8 |
| 65° | 160.1 | 172.0 | 181.2 | 194.2 | 207.7 | 222.9 | 236.9 | 255.4 | 276.5 | 304.6 | 337.5 |
| 67.5° | 132.7 | 138.8 | 147.3 | 159.1 | 173.0 | 186.0 | 199.3 | 213.7 | 232.0 | 253.7 | 279.9 |
| 70° | 120.7 | 122.8 | 124.4 | 135.7 | 148.8 | 161.8 | 174.1 | 187.7 | 203.4 | 221.3 | 243.9 |
| 72.5° | 106.3 | 108.5 | 110.6 | 115.4 | 125.8 | 138.8 | 151.6 | 161.8 | 176.6 | 191.4 | 209.8 |
| 75° | 84.4 | 87.6 | 89.3 | 92.0 | 95.7 | 104.4 | 116.3 | 126.0 | 134.7 | 146.0 | 160.7 |
| 77.5° | 64.2 | 66.1 | 67.8 | 70.7 | 73.1 | 77.0 | 83.7 | 92.5 | 100.6 | 107.2 | 117.2 |
| 80° | 50.9 | 51.4 | 53.6 | 54.6 | 57.9 | 60.6 | 63.8 | 70.8 | 79.0 | 81.7 | 88.7 |
| 82.5° | 38.3 | 38.8 | 40.6 | 41.7 | 43.1 | 45.4 | 49.6 | 51.4 | 57.8 | 61.3 | 65.8 |
| 85° | 21.1 | 20.5 | 22.2 | 22.2 | 23.2 | 24.4 | 25.4 | 28.1 | 29.8 | 34.1 | 35.1 |
| 87.5° | 10.7 | 10.5 | 10.6 | 10.2 | 9.9 | 10.4 | 10.4 | 10.4 | 10.7 | 11.5 | 12.7 |
| 90° | 21.0 | 20.0 | 18.2 | 16.4 | 14.6 | 12.9 | 10.8 | 8.3 | 5.9 | 3.4 | 1.0 |
| 92.5° | 23.7 | 23.2 | 22.3 | 21.4 | 20.5 | 19.6 | 19.2 | 19.5 | 19.7 | 19.9 | 20.1 |
| 95° | 40.0 | 38.9 | 37.3 | 35.8 | 34.2 | 32.7 | 35.5 | 42.9 | 50.2 | 57.5 | 64.8 |
| 97.5° | 52.9 | 52.1 | 48.5 | 44.8 | 41.3 | 37.7 | 46.2 | 66.9 | 87.4 | 108.0 | 128.7 |
| 100° | 58.6 | 56.8 | 53.1 | 49.3 | 45.6 | 41.7 | 55.1 | 85.4 | 115.8 | 146.2 | 176.5 |
| 102.5° | 60.7 | 58.5 | 89.9 | 121.5 | 153.0 | 184.5 | 203.5 | 209.9 | 216.3 | 222.7 | 229.2 |
| 105° | 63.3 | 60.8 | 121.3 | 181.8 | 242.4 | 302.9 | 329.8 | 323.1 | 316.5 | 309.8 | 303.2 |
| 107.5° | 82.7 | 85.2 | 157.8 | 230.3 | 302.9 | 375.4 | 409.0 | 403.7 | 398.3 | 392.9 | 387.6 |
| 110° | 152.4 | 174.6 | 238.6 | 302.6 | 366.7 | 430.7 | 460.4 | 455.8 | 451.1 | 446.5 | 441.8 |



TEST NUMBER: P331837-930

CATALOG NUMBER: S122RDIW-S865D1240U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 359.4 | 440.2 | 456.1 | 471.9 | 487.7 | 503.5 | 509.4 | 505.2 | 501.1 | 497.0 | 492.8 |
| 115° | 512.7 | 615.4 | 609.8 | 604.3 | 598.8 | 593.2 | 588.6 | 584.7 | 581.0 | 577.2 | 573.5 |
| 117.5° | 656.7 | 681.6 | 677.8 | 673.9 | 670.1 | 666.3 | 662.3 | 658.1 | 653.9 | 649.7 | 645.5 |
| 120° | 733.7 | 731.0 | 727.1 | 723.1 | 719.1 | 715.1 | 711.4 | 708.1 | 704.7 | 701.5 | 698.1 |
| 122.5° | 779.7 | 778.1 | 773.8 | 769.4 | 765.1 | 760.8 | 756.8 | 753.3 | 749.8 | 746.3 | 742.8 |
| 125° | 844.3 | 842.8 | 838.5 | 834.3 | 830.1 | 825.9 | 822.3 | 819.5 | 816.6 | 813.7 | 810.8 |
| 127.5° | 903.3 | 901.0 | 897.8 | 894.7 | 891.5 | 888.4 | 885.3 | 882.1 | 878.8 | 875.6 | 872.5 |
| 130° | 940.9 | 938.5 | 936.0 | 933.6 | 931.2 | 928.7 | 925.8 | 922.2 | 918.7 | 915.1 | 911.6 |
| 132.5° | 978.0 | 976.0 | 973.5 | 971.1 | 968.7 | 966.2 | 963.5 | 960.5 | 957.5 | 954.5 | 951.5 |
| 135° | 1030.5 | 1028.3 | 1026.2 | 1024.3 | 1022.2 | 1020.3 | 1017.5 | 1013.9 | 1010.4 | 1006.8 | 1003.3 |
| 137.5° | 1079.3 | 1077.1 | 1074.8 | 1072.6 | 1070.3 | 1068.0 | 1065.7 | 1063.2 | 1060.7 | 1058.3 | 1055.7 |
| 140° | 1111.0 | 1109.1 | 1106.6 | 1104.2 | 1101.7 | 1099.3 | 1097.1 | 1095.4 | 1093.6 | 1091.8 | 1090.1 |
| 142.5° | 1140.4 | 1138.6 | 1135.7 | 1132.9 | 1130.2 | 1127.4 | 1125.2 | 1123.6 | 1122.0 | 1120.4 | 1118.8 |
| 145° | 1181.4 | 1179.8 | 1176.1 | 1172.3 | 1168.6 | 1164.7 | 1163.0 | 1163.2 | 1163.4 | 1163.7 | 1163.8 |
| 147.5° | 1217.3 | 1216.1 | 1212.4 | 1208.7 | 1204.9 | 1201.3 | 1199.8 | 1200.6 | 1201.5 | 1202.3 | 1203.1 |
| 150° | 1239.0 | 1237.7 | 1234.1 | 1230.6 | 1227.0 | 1223.5 | 1222.5 | 1224.0 | 1225.6 | 1227.2 | 1228.7 |
| 152.5° | 1259.0 | 1257.6 | 1254.3 | 1250.9 | 1247.5 | 1244.1 | 1243.3 | 1245.0 | 1246.8 | 1248.5 | 1250.3 |
| 155° | 1285.9 | 1284.6 | 1281.9 | 1279.2 | 1276.6 | 1273.9 | 1273.6 | 1275.5 | 1277.6 | 1279.5 | 1281.6 |
| 157.5° | 1308.4 | 1306.9 | 1305.0 | 1303.2 | 1301.3 | 1299.4 | 1299.3 | 1301.1 | 1302.7 | 1304.4 | 1306.1 |
| 160° | 1321.8 | 1320.5 | 1319.2 | 1317.8 | 1316.5 | 1315.2 | 1315.2 | 1316.5 | 1317.8 | 1319.2 | 1320.5 |
| 162.5° | 1333.9 | 1332.4 | 1331.3 | 1330.1 | 1328.9 | 1327.8 | 1327.9 | 1329.3 | 1330.6 | 1331.9 | 1333.3 |
| 165° | 1348.9 | 1347.4 | 1346.7 | 1346.1 | 1345.4 | 1344.8 | 1345.1 | 1346.4 | 1347.7 | 1349.1 | 1350.4 |
| 167.5° | 1361.5 | 1359.9 | 1359.3 | 1358.7 | 1358.1 | 1357.5 | 1357.8 | 1359.2 | 1360.5 | 1361.8 | 1363.2 |
| 170° | 1367.9 | 1366.4 | 1365.9 | 1365.5 | 1365.0 | 1364.6 | 1365.0 | 1366.4 | 1367.7 | 1369.0 | 1370.4 |
| 172.5° | 1372.6 | 1371.1 | 1370.7 | 1370.2 | 1369.8 | 1369.4 | 1369.8 | 1371.1 | 1372.5 | 1373.8 | 1375.1 |
| 175° | 1377.9 | 1376.3 | 1375.9 | 1375.4 | 1375.0 | 1374.5 | 1375.1 | 1376.6 | 1378.2 | 1379.7 | 1381.3 |
| 177.5° | 1378.8 | 1377.5 | 1377.3 | 1377.1 | 1377.0 | 1376.8 | 1377.3 | 1378.6 | 1379.8 | 1381.0 | 1382.3 |
| 180° | 1378.3 | 1378.3 | 1378.3 | 1378.3 | 1378.3 | 1378.3 | 1378.3 | 1378.3 | 1378.3 | 1378.3 | 1378.3 |



TEST NUMBER: P331837-930

CATALOG NUMBER: S122RDIW-S865D1240U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1556.9 | 1556.9 | 1556.9 | 1556.9 | 1556.9 | 1556.9 | 1556.9 | 1556.9 | 1556.9 | 1556.9 | 1556.9 |
| 2.5° | 1565.9 | 1567.2 | 1575.9 | 1579.8 | 1587.6 | 1590.6 | 1594.1 | 1593.3 | 1593.3 | 1595.0 | 1607.1 |
| 5° | 1569.3 | 1580.1 | 1596.4 | 1612.1 | 1627.2 | 1640.2 | 1648.9 | 1657.5 | 1660.8 | 1676.4 | 1690.5 |
| 7.5° | 1563.7 | 1583.6 | 1610.5 | 1634.3 | 1663.0 | 1685.4 | 1704.1 | 1720.8 | 1732.3 | 1755.1 | 1778.5 |
| 10° | 1556.3 | 1584.5 | 1614.8 | 1645.6 | 1685.1 | 1714.8 | 1745.1 | 1768.4 | 1776.0 | 1810.0 | 1829.5 |
| 12.5° | 1541.6 | 1579.2 | 1617.8 | 1657.7 | 1696.3 | 1737.3 | 1770.7 | 1793.9 | 1820.6 | 1851.1 | 1887.1 |
| 15° | 1519.6 | 1562.8 | 1613.2 | 1664.5 | 1719.7 | 1769.4 | 1805.2 | 1845.8 | 1874.9 | 1908.5 | 1939.8 |
| 17.5° | 1487.8 | 1543.6 | 1607.5 | 1667.0 | 1730.9 | 1784.3 | 1833.4 | 1872.3 | 1892.9 | 1912.0 | 1916.7 |
| 20° | 1462.7 | 1522.8 | 1598.0 | 1668.3 | 1732.2 | 1793.8 | 1842.5 | 1874.9 | 1880.4 | 1880.9 | 1852.3 |
| 22.5° | 1435.5 | 1503.3 | 1582.0 | 1654.0 | 1730.4 | 1799.0 | 1836.9 | 1850.7 | 1829.3 | 1792.6 | 1737.2 |
| 25° | 1385.4 | 1463.9 | 1555.3 | 1637.4 | 1720.8 | 1785.7 | 1798.7 | 1774.3 | 1699.2 | 1620.2 | 1520.1 |
| 27.5° | 1331.1 | 1419.3 | 1517.3 | 1608.7 | 1697.5 | 1737.6 | 1709.7 | 1621.9 | 1486.5 | 1368.7 | 1226.0 |
| 30° | 1291.3 | 1390.2 | 1486.5 | 1588.8 | 1671.0 | 1688.3 | 1624.0 | 1494.7 | 1336.7 | 1159.3 | 1017.0 |
| 32.5° | 1245.9 | 1349.6 | 1455.4 | 1561.1 | 1629.9 | 1613.0 | 1506.7 | 1347.5 | 1162.3 | 987.9 | 853.5 |
| 35° | 1180.9 | 1288.0 | 1402.2 | 1508.2 | 1552.0 | 1479.0 | 1320.0 | 1112.7 | 923.4 | 760.6 | 668.1 |
| 37.5° | 1106.0 | 1222.5 | 1341.2 | 1438.6 | 1435.5 | 1313.8 | 1097.1 | 883.3 | 724.1 | 627.9 | 562.0 |
| 40° | 1052.7 | 1170.6 | 1298.9 | 1381.0 | 1345.9 | 1187.4 | 952.6 | 750.8 | 634.5 | 557.7 | 509.6 |
| 42.5° | 1001.7 | 1120.0 | 1247.3 | 1312.7 | 1251.6 | 1056.7 | 822.8 | 664.7 | 568.8 | 508.8 | 469.8 |
| 45° | 914.8 | 1039.8 | 1157.6 | 1193.9 | 1084.6 | 869.8 | 665.4 | 550.7 | 486.9 | 442.5 | 415.5 |
| 47.5° | 829.8 | 952.8 | 1060.4 | 1061.0 | 913.2 | 705.4 | 561.3 | 476.6 | 422.1 | 387.8 | 368.1 |
| 50° | 777.9 | 894.7 | 985.0 | 971.0 | 803.3 | 627.5 | 502.0 | 429.0 | 383.5 | 357.0 | 336.5 |
| 52.5° | 719.5 | 832.8 | 911.1 | 871.1 | 710.3 | 552.2 | 448.7 | 387.4 | 349.8 | 326.8 | 308.3 |
| 55° | 634.5 | 735.2 | 790.4 | 729.8 | 579.4 | 459.3 | 379.2 | 331.1 | 303.0 | 283.5 | 267.7 |
| 57.5° | 551.1 | 634.1 | 668.9 | 598.3 | 477.2 | 380.8 | 320.8 | 284.6 | 256.7 | 242.8 | 234.6 |
| 60° | 498.8 | 569.6 | 593.9 | 516.1 | 414.9 | 333.2 | 284.0 | 250.5 | 229.9 | 220.7 | 212.6 |
| 62.5° | 447.3 | 505.2 | 515.2 | 443.8 | 361.7 | 291.7 | 249.4 | 221.0 | 207.4 | 198.6 | 190.9 |
| 65° | 371.1 | 412.8 | 407.9 | 350.6 | 286.2 | 231.5 | 200.7 | 183.4 | 173.1 | 160.7 | 147.2 |
| 67.5° | 305.5 | 330.9 | 315.6 | 272.6 | 218.4 | 179.9 | 159.8 | 146.7 | 134.0 | 122.1 | 119.0 |
| 70° | 264.0 | 278.6 | 262.4 | 222.9 | 179.0 | 150.9 | 134.7 | 119.0 | 111.5 | 108.8 | 103.9 |
| 72.5° | 224.2 | 229.3 | 211.7 | 177.9 | 145.7 | 125.0 | 109.2 | 100.4 | 96.3 | 94.0 | 90.9 |
| 75° | 168.3 | 164.4 | 149.3 | 122.8 | 101.2 | 87.1 | 82.3 | 79.0 | 76.3 | 74.1 | 72.5 |
| 77.5° | 118.1 | 112.6 | 99.1 | 81.8 | 70.4 | 63.8 | 60.8 | 59.1 | 57.8 | 56.7 | 55.0 |
| 80° | 88.7 | 85.0 | 71.4 | 58.5 | 53.6 | 50.3 | 48.7 | 46.6 | 46.6 | 45.4 | 43.8 |
| 82.5° | 64.9 | 60.7 | 48.9 | 42.8 | 40.1 | 38.2 | 37.0 | 35.7 | 35.3 | 35.5 | 34.3 |
| 85° | 34.1 | 27.6 | 24.4 | 23.2 | 21.6 | 20.5 | 21.1 | 20.0 | 20.0 | 20.0 | 19.5 |
| 87.5° | 11.1 | 9.4 | 9.5 | 9.5 | 10.4 | 10.7 | 10.6 | 11.0 | 11.7 | 11.6 | 12.2 |
| 90° | 3.4 | 5.9 | 8.3 | 10.8 | 12.9 | 14.6 | 16.4 | 18.2 | 20.0 | 21.0 | 22.2 |
| 92.5° | 19.9 | 19.7 | 19.5 | 19.2 | 19.6 | 20.5 | 21.4 | 22.3 | 23.2 | 23.7 | 24.3 |
| 95° | 57.5 | 50.2 | 42.9 | 35.5 | 32.7 | 34.2 | 35.8 | 37.3 | 38.9 | 40.0 | 41.1 |
| 97.5° | 108.0 | 87.4 | 66.9 | 46.2 | 37.7 | 41.3 | 44.8 | 48.5 | 52.1 | 52.9 | 53.8 |
| 100° | 146.2 | 115.8 | 85.4 | 55.1 | 41.7 | 45.6 | 49.3 | 53.1 | 56.8 | 58.6 | 60.4 |
| 102.5° | 222.7 | 216.3 | 209.9 | 203.5 | 184.5 | 153.0 | 121.5 | 89.9 | 58.5 | 60.7 | 63.0 |
| 105° | 309.8 | 316.5 | 323.1 | 329.8 | 302.9 | 242.4 | 181.8 | 121.3 | 60.8 | 63.3 | 65.7 |
| 107.5° | 392.9 | 398.3 | 403.7 | 409.0 | 375.4 | 302.9 | 230.3 | 157.8 | 85.2 | 82.7 | 80.2 |
| 110° | 446.5 | 451.1 | 455.8 | 460.4 | 430.7 | 366.7 | 302.6 | 238.6 | 174.6 | 152.4 | 130.2 |



TEST NUMBER: P331837-930

CATALOG NUMBER: S122RDIW-S865D1240U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 497.0 | 501.1 | 505.2 | 509.4 | 503.5 | 487.7 | 471.9 | 456.1 | 440.2 | 359.4 | 278.5 |
| 115° | 577.2 | 581.0 | 584.7 | 588.6 | 593.2 | 598.8 | 604.3 | 609.8 | 615.4 | 512.7 | 410.1 |
| 117.5° | 649.7 | 653.9 | 658.1 | 662.3 | 666.3 | 670.1 | 673.9 | 677.8 | 681.6 | 656.7 | 631.9 |
| 120° | 701.5 | 704.7 | 708.1 | 711.4 | 715.1 | 719.1 | 723.1 | 727.1 | 731.0 | 733.7 | 736.4 |
| 122.5° | 746.3 | 749.8 | 753.3 | 756.8 | 760.8 | 765.1 | 769.4 | 773.8 | 778.1 | 779.7 | 781.3 |
| 125° | 813.7 | 816.6 | 819.5 | 822.3 | 825.9 | 830.1 | 834.3 | 838.5 | 842.8 | 844.3 | 845.9 |
| 127.5° | 875.6 | 878.8 | 882.1 | 885.3 | 888.4 | 891.5 | 894.7 | 897.8 | 901.0 | 903.3 | 905.5 |
| 130° | 915.1 | 918.7 | 922.2 | 925.8 | 928.7 | 931.2 | 933.6 | 936.0 | 938.5 | 940.9 | 943.4 |
| 132.5° | 954.5 | 957.5 | 960.5 | 963.5 | 966.2 | 968.7 | 971.1 | 973.5 | 976.0 | 978.0 | 980.2 |
| 135° | 1006.8 | 1010.4 | 1013.9 | 1017.5 | 1020.3 | 1022.2 | 1024.3 | 1026.2 | 1028.3 | 1030.5 | 1032.7 |
| 137.5° | 1058.3 | 1060.7 | 1063.2 | 1065.7 | 1068.0 | 1070.3 | 1072.6 | 1074.8 | 1077.1 | 1079.3 | 1081.4 |
| 140° | 1091.8 | 1093.6 | 1095.4 | 1097.1 | 1099.3 | 1101.7 | 1104.2 | 1106.6 | 1109.1 | 1111.0 | 1113.0 |
| 142.5° | 1120.4 | 1122.0 | 1123.6 | 1125.2 | 1127.4 | 1130.2 | 1132.9 | 1135.7 | 1138.6 | 1140.4 | 1142.2 |
| 145° | 1163.7 | 1163.4 | 1163.2 | 1163.0 | 1164.7 | 1168.6 | 1172.3 | 1176.1 | 1179.8 | 1181.4 | 1182.9 |
| 147.5° | 1202.3 | 1201.5 | 1200.6 | 1199.8 | 1201.3 | 1204.9 | 1208.7 | 1212.4 | 1216.1 | 1217.3 | 1218.5 |
| 150° | 1227.2 | 1225.6 | 1224.0 | 1222.5 | 1223.5 | 1227.0 | 1230.6 | 1234.1 | 1237.7 | 1239.0 | 1240.3 |
| 152.5° | 1248.5 | 1246.8 | 1245.0 | 1243.3 | 1244.1 | 1247.5 | 1250.9 | 1254.3 | 1257.6 | 1259.0 | 1260.3 |
| 155° | 1279.5 | 1277.6 | 1275.5 | 1273.6 | 1273.9 | 1276.6 | 1279.2 | 1281.9 | 1284.6 | 1285.9 | 1287.2 |
| 157.5° | 1304.4 | 1302.7 | 1301.1 | 1299.3 | 1299.4 | 1301.3 | 1303.2 | 1305.0 | 1306.9 | 1308.4 | 1309.9 |
| 160° | 1319.2 | 1317.8 | 1316.5 | 1315.2 | 1315.2 | 1316.5 | 1317.8 | 1319.2 | 1320.5 | 1321.8 | 1323.1 |
| 162.5° | 1331.9 | 1330.6 | 1329.3 | 1327.9 | 1327.8 | 1328.9 | 1330.1 | 1331.3 | 1332.4 | 1333.9 | 1335.5 |
| 165° | 1349.1 | 1347.7 | 1346.4 | 1345.1 | 1344.8 | 1345.4 | 1346.1 | 1346.7 | 1347.4 | 1348.9 | 1350.5 |
| 167.5° | 1361.8 | 1360.5 | 1359.2 | 1357.8 | 1357.5 | 1358.1 | 1358.7 | 1359.3 | 1359.9 | 1361.5 | 1363.0 |
| 170° | 1369.0 | 1367.7 | 1366.4 | 1365.0 | 1364.6 | 1365.0 | 1365.5 | 1365.9 | 1366.4 | 1367.9 | 1369.5 |
| 172.5° | 1373.8 | 1372.5 | 1371.1 | 1369.8 | 1369.4 | 1369.8 | 1370.2 | 1370.7 | 1371.1 | 1372.6 | 1374.2 |
| 175° | 1379.7 | 1378.2 | 1376.6 | 1375.1 | 1374.5 | 1375.0 | 1375.4 | 1375.9 | 1376.3 | 1377.9 | 1379.4 |
| 177.5° | 1381.0 | 1379.8 | 1378.6 | 1377.3 | 1376.8 | 1377.0 | 1377.1 | 1377.3 | 1377.5 | 1378.8 | 1380.0 |
| 180° | 1378.3 | 1378.3 | 1378.3 | 1378.3 | 1378.3 | 1378.3 | 1378.3 | 1378.3 | 1378.3 | 1378.3 | 1378.3 |



TEST NUMBER: P331837-930

CATALOG NUMBER: S122RDIW-S865D1240U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1556.9 | 1556.9 | 1556.9 | 1556.9 | 1556.9 | 1556.9 | 1556.9 |
| 2.5° | 1611.4 | 1617.1 | 1619.6 | 1619.6 | 1622.7 | 1621.4 | 1620.1 |
| 5° | 1704.1 | 1714.3 | 1716.4 | 1726.2 | 1733.2 | 1731.0 | 1732.2 |
| 7.5° | 1796.1 | 1812.7 | 1829.0 | 1836.5 | 1837.6 | 1841.9 | 1843.6 |
| 10° | 1852.8 | 1866.3 | 1891.7 | 1887.9 | 1906.9 | 1917.7 | 1899.8 |
| 12.5° | 1907.3 | 1925.6 | 1943.3 | 1948.1 | 1958.8 | 1962.3 | 1955.3 |
| 15° | 1956.6 | 1966.4 | 1967.5 | 1964.8 | 1968.0 | 1965.3 | 1955.0 |
| 17.5° | 1910.6 | 1894.8 | 1862.7 | 1847.5 | 1835.6 | 1817.9 | 1810.7 |
| 20° | 1834.4 | 1787.9 | 1733.7 | 1712.1 | 1686.7 | 1637.0 | 1648.9 |
| 22.5° | 1670.0 | 1616.9 | 1562.8 | 1499.7 | 1469.5 | 1422.3 | 1419.4 |
| 25° | 1414.1 | 1322.7 | 1222.1 | 1151.7 | 1110.6 | 1063.6 | 1042.9 |
| 27.5° | 1099.4 | 984.3 | 901.9 | 860.1 | 822.1 | 784.8 | 783.3 |
| 30° | 892.6 | 806.0 | 742.2 | 706.5 | 683.2 | 667.6 | 670.8 |
| 32.5° | 752.4 | 693.1 | 650.0 | 620.4 | 603.2 | 591.3 | 591.2 |
| 35° | 615.1 | 574.5 | 546.9 | 534.4 | 522.0 | 513.4 | 513.9 |
| 37.5° | 526.4 | 502.0 | 486.7 | 472.9 | 465.1 | 460.9 | 458.5 |
| 40° | 480.9 | 460.9 | 449.0 | 440.9 | 434.4 | 428.4 | 427.4 |
| 42.5° | 445.0 | 428.4 | 416.5 | 410.2 | 404.1 | 399.9 | 398.8 |
| 45° | 394.9 | 381.4 | 370.6 | 363.5 | 360.9 | 357.0 | 357.0 |
| 47.5° | 351.3 | 338.0 | 329.5 | 325.1 | 320.5 | 318.0 | 317.9 |
| 50° | 321.9 | 311.6 | 304.0 | 301.3 | 297.5 | 295.9 | 295.4 |
| 52.5° | 295.5 | 287.8 | 282.4 | 280.5 | 278.9 | 276.9 | 277.2 |
| 55° | 259.7 | 255.4 | 253.2 | 251.5 | 248.8 | 245.6 | 247.8 |
| 57.5° | 229.5 | 225.8 | 220.0 | 214.8 | 212.4 | 210.1 | 211.0 |
| 60° | 208.3 | 200.7 | 193.1 | 187.2 | 185.6 | 180.7 | 180.7 |
| 62.5° | 181.4 | 170.8 | 161.5 | 158.2 | 156.5 | 154.3 | 153.8 |
| 65° | 139.6 | 135.3 | 133.1 | 130.9 | 129.8 | 129.8 | 128.7 |
| 67.5° | 115.7 | 113.9 | 111.5 | 111.0 | 109.9 | 109.6 | 109.3 |
| 70° | 102.2 | 100.0 | 99.0 | 98.5 | 97.3 | 97.9 | 96.3 |
| 72.5° | 89.3 | 87.6 | 87.3 | 85.9 | 85.3 | 85.4 | 84.1 |
| 75° | 70.4 | 70.4 | 69.8 | 69.2 | 68.2 | 67.6 | 68.2 |
| 77.5° | 54.1 | 54.2 | 53.2 | 53.2 | 53.0 | 53.2 | 52.6 |
| 80° | 43.3 | 43.8 | 43.3 | 42.7 | 42.2 | 42.7 | 42.2 |
| 82.5° | 34.2 | 33.4 | 33.3 | 33.2 | 33.1 | 32.8 | 32.7 |
| 85° | 19.5 | 20.0 | 19.5 | 18.9 | 18.9 | 18.9 | 19.5 |
| 87.5° | 12.0 | 12.2 | 12.4 | 12.5 | 12.6 | 12.6 | 12.3 |
| 90° | 23.2 | 24.4 | 25.2 | 25.6 | 26.0 | 26.5 | 26.9 |
| 92.5° | 24.9 | 25.4 | 25.8 | 26.1 | 26.4 | 26.7 | 26.9 |
| 95° | 42.2 | 43.3 | 43.8 | 43.5 | 43.3 | 43.1 | 42.9 |
| 97.5° | 54.7 | 55.6 | 56.2 | 56.4 | 56.7 | 57.0 | 57.2 |
| 100° | 62.1 | 63.9 | 65.1 | 65.5 | 66.0 | 66.4 | 66.9 |
| 102.5° | 65.4 | 67.7 | 69.1 | 69.7 | 70.4 | 71.0 | 71.6 |
| 105° | 68.2 | 70.6 | 72.2 | 73.1 | 74.0 | 74.9 | 75.8 |
| 107.5° | 77.7 | 75.3 | 74.4 | 75.3 | 76.2 | 77.1 | 78.0 |
| 110° | 108.0 | 85.9 | 75.3 | 76.1 | 77.0 | 77.9 | 78.8 |



TEST NUMBER: P331837-930

CATALOG NUMBER: S122RDIW-S865D1240U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 197.7 | 116.8 | 76.7 | 77.5 | 78.2 | 78.8 | 79.6 |
| 115° | 307.5 | 204.9 | 145.6 | 129.6 | 113.7 | 97.8 | 81.8 |
| 117.5° | 607.1 | 582.3 | 543.6 | 491.2 | 438.8 | 386.4 | 333.9 |
| 120° | 739.0 | 741.7 | 728.1 | 698.1 | 668.2 | 638.3 | 608.4 |
| 122.5° | 782.9 | 784.5 | 782.4 | 776.6 | 770.8 | 765.0 | 759.1 |
| 125° | 847.4 | 849.0 | 850.0 | 850.7 | 851.4 | 852.1 | 852.7 |
| 127.5° | 907.8 | 910.0 | 911.3 | 911.3 | 911.5 | 911.6 | 911.7 |
| 130° | 945.8 | 948.2 | 949.3 | 949.1 | 948.9 | 948.7 | 948.4 |
| 132.5° | 982.2 | 984.3 | 985.2 | 985.0 | 984.8 | 984.6 | 984.4 |
| 135° | 1034.9 | 1037.1 | 1038.0 | 1037.5 | 1037.1 | 1036.7 | 1036.2 |
| 137.5° | 1083.6 | 1085.8 | 1086.5 | 1085.7 | 1085.0 | 1084.3 | 1083.5 |
| 140° | 1115.0 | 1117.0 | 1117.4 | 1116.3 | 1115.2 | 1114.1 | 1113.0 |
| 142.5° | 1144.0 | 1145.8 | 1146.1 | 1145.1 | 1143.9 | 1142.8 | 1141.7 |
| 145° | 1184.5 | 1186.0 | 1186.3 | 1185.1 | 1184.1 | 1182.9 | 1181.9 |
| 147.5° | 1219.6 | 1220.7 | 1220.8 | 1219.9 | 1219.0 | 1218.1 | 1217.2 |
| 150° | 1241.7 | 1243.0 | 1243.1 | 1242.0 | 1240.9 | 1239.7 | 1238.7 |
| 152.5° | 1261.6 | 1263.0 | 1262.9 | 1261.4 | 1260.0 | 1258.5 | 1257.0 |
| 155° | 1288.6 | 1289.9 | 1289.6 | 1287.8 | 1286.1 | 1284.3 | 1282.5 |
| 157.5° | 1311.4 | 1313.0 | 1312.8 | 1311.1 | 1309.4 | 1307.7 | 1305.9 |
| 160° | 1324.5 | 1325.8 | 1325.7 | 1324.1 | 1322.6 | 1321.0 | 1319.5 |
| 162.5° | 1336.9 | 1338.5 | 1338.2 | 1336.4 | 1334.4 | 1332.5 | 1330.6 |
| 165° | 1352.0 | 1353.6 | 1353.6 | 1352.0 | 1350.5 | 1348.9 | 1347.4 |
| 167.5° | 1364.6 | 1366.1 | 1366.0 | 1363.9 | 1362.0 | 1359.9 | 1358.0 |
| 170° | 1371.0 | 1372.6 | 1372.3 | 1370.4 | 1368.3 | 1366.4 | 1364.3 |
| 172.5° | 1375.7 | 1377.3 | 1377.1 | 1375.1 | 1373.1 | 1371.1 | 1369.1 |
| 175° | 1381.0 | 1382.5 | 1382.2 | 1380.0 | 1377.8 | 1375.5 | 1373.3 |
| 177.5° | 1381.2 | 1382.5 | 1382.3 | 1380.7 | 1379.1 | 1377.5 | 1375.9 |
| 180° | 1378.3 | 1378.3 | 1378.3 | 1378.3 | 1378.3 | 1378.3 | 1378.3 |

(END OF REPORT)