

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: P331555-927

Luminaire Tested: **S122DIW-S865D435U927-4F0-1E-UDD-A**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P331555-927
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: S122DIW-S865D435U927-4F0-1E-UDD-A
Description: DEFINE 2 DIRECT-INDIRECT WALL MOUNT LED LUMINAIRE
DOWNLIGHT 865 LUMENS PER FOOT, ASYMMETRIC DIFFUSER
UPLIGHT 435 LUMENS PER FOOT, NO LENS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4390.0 lumens
Efficiency: N/A
Efficacy: 95.0 lumens/watt
Spacing Criteria (0/90/45): 1.08 / 1.16 / 1.23
Luminous Opening: Rectangular (W 4' x L: 0.17' x H: 0')
CIE Type: Semi-Direct

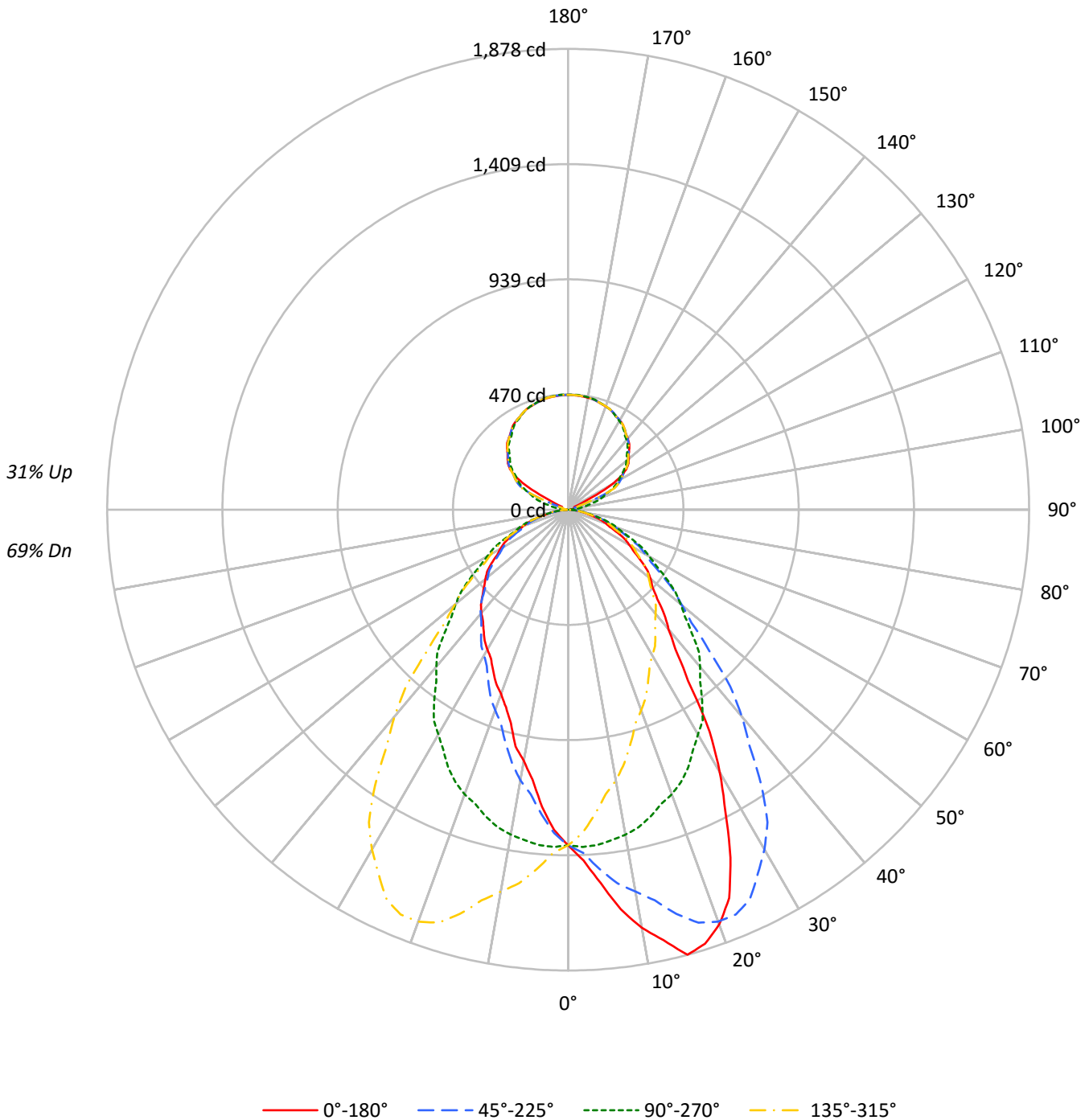
Input Watts (W): 46.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P331555-927

CATALOG NUMBER: S122DIW-S865D435U927-4F0-1E-UDD-A

Luminous Intensity Polar Plot





TEST NUMBER: P331555-927

CATALOG NUMBER: S122DIW-S865D435U927-4F0-1E-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 | 50 | 30 | 10 | 50 | 30 | 10 | 0 | | |
| RCR | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0 | 112 | 112 | 112 | 112 | 105 | 105 | 105 | 105 | 94 | 94 | 94 | 83 | 83 | 83 | 73 | 73 | 73 | 69 | | | | | | | | |
| 1 | 103 | 98 | 95 | 91 | 97 | 93 | 90 | 87 | 83 | 81 | 79 | 74 | 72 | 71 | 66 | 65 | 63 | 59 | | | | | | | | |
| 2 | 94 | 87 | 81 | 76 | 89 | 82 | 77 | 72 | 74 | 70 | 66 | 66 | 63 | 60 | 59 | 56 | 54 | 51 | | | | | | | | |
| 3 | 86 | 77 | 70 | 64 | 81 | 73 | 67 | 61 | 66 | 61 | 56 | 59 | 55 | 52 | 53 | 50 | 47 | 44 | | | | | | | | |
| 4 | 79 | 69 | 61 | 55 | 75 | 65 | 58 | 53 | 59 | 53 | 49 | 53 | 49 | 45 | 48 | 44 | 41 | 38 | | | | | | | | |
| 5 | 73 | 62 | 54 | 48 | 69 | 59 | 51 | 46 | 53 | 47 | 43 | 48 | 43 | 39 | 43 | 39 | 36 | 34 | | | | | | | | |
| 6 | 68 | 56 | 48 | 42 | 64 | 53 | 46 | 40 | 48 | 42 | 38 | 44 | 39 | 35 | 39 | 35 | 32 | 30 | | | | | | | | |
| 7 | 63 | 51 | 43 | 37 | 59 | 48 | 41 | 36 | 44 | 38 | 34 | 40 | 35 | 31 | 36 | 32 | 29 | 27 | | | | | | | | |
| 8 | 59 | 46 | 38 | 33 | 55 | 44 | 37 | 32 | 40 | 34 | 30 | 37 | 32 | 28 | 33 | 29 | 26 | 24 | | | | | | | | |
| 9 | 55 | 42 | 35 | 30 | 52 | 41 | 34 | 29 | 37 | 31 | 27 | 34 | 29 | 26 | 31 | 27 | 24 | 22 | | | | | | | | |
| 10 | 51 | 39 | 32 | 27 | 49 | 38 | 31 | 26 | 35 | 29 | 25 | 32 | 27 | 23 | 29 | 25 | 22 | 20 | | | | | | | | |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 22083 | 22083 | 22083 | 22083 |
| 5° | 24759 | 22227 | 19697 | 22227 |
| 10° | 28370 | 22046 | 17046 | 22046 |
| 15° | 31385 | 21641 | 15059 | 21641 |
| 20° | 30907 | 21206 | 13728 | 21206 |
| 25° | 27868 | 20630 | 12886 | 20630 |
| 30° | 23029 | 19708 | 12269 | 19708 |
| 35° | 16783 | 18743 | 11832 | 18743 |
| 40° | 13405 | 17606 | 11590 | 17606 |
| 45° | 11714 | 16287 | 11259 | 16287 |
| 50° | 11012 | 15013 | 11037 | 15013 |
| 55° | 10151 | 13717 | 10742 | 13717 |
| 60° | 9300 | 12339 | 10285 | 12339 |
| 65° | 8474 | 11106 | 9838 | 11106 |
| 70° | 7695 | 9904 | 9182 | 9904 |
| 75° | 6818 | 8559 | 8135 | 8559 |
| 80° | 5867 | 7085 | 6546 | 7085 |
| 85° | 5261 | 5261 | 3890 | 5261 |



TEST NUMBER: P331555-927

CATALOG NUMBER: S122DIW-S865D435U927-4F0-1E-UDD-A

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 130.3 | 3.0 |
| 10°-20° | 378.7 | 8.6 |
| 20°-30° | 549.6 | 12.5 |
| 30°-40° | 579.9 | 13.2 |
| 40°-50° | 513.5 | 11.7 |
| 50°-60° | 409.8 | 9.3 |
| 60°-70° | 278.5 | 6.3 |
| 70°-80° | 142.8 | 3.3 |
| 80°-90° | 35.6 | 0.8 |
| 90°-100° | 15.6 | 0.4 |
| 100°-110° | 57.2 | 1.3 |
| 110°-120° | 153.0 | 3.5 |
| 120°-130° | 252.6 | 5.8 |
| 130°-140° | 268.6 | 6.1 |
| 140°-150° | 249.7 | 5.7 |
| 150°-160° | 200.7 | 4.6 |
| 160°-170° | 129.3 | 2.9 |
| 170°-180° | 44.5 | 1.0 |
| 0°-30° | 1058.5 | 24.1 |
| 0°-40° | 1638.5 | 37.3 |
| 0°-60° | 2561.8 | 58.4 |
| 0°-90° | 3018.7 | 68.8 |
| 90°-120° | 225.9 | 5.1 |
| 90°-150° | 996.7 | 22.7 |
| 90°-180° | 1371.0 | 31.2 |
| 0°-180° | 4390.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 1368 | 1368 | 1368 | 1368 | 1368 | |
| 5° | 1528 | 1371 | 1215 | 1371 | 1528 | 153 |
| 15° | 1878 | 1295 | 901 | 1295 | 1878 | 518 |
| 25° | 1564 | 1158 | 723 | 1158 | 1564 | 707 |
| 35° | 852 | 951 | 600 | 951 | 852 | 554 |
| 45° | 513 | 713 | 493 | 713 | 513 | 403 |
| 55° | 361 | 487 | 382 | 487 | 361 | 323 |
| 65° | 222 | 291 | 258 | 291 | 222 | 221 |
| 75° | 109 | 137 | 130 | 137 | 109 | 117 |
| 85° | 28 | 28 | 21 | 28 | 28 | 31 |
| 90° | 9 | 0 | 9 | 0 | 9 | 5 |
| 95° | 15 | 22 | 15 | 22 | 15 | 14 |
| 105° | 26 | 103 | 26 | 103 | 26 | 27 |
| 115° | 28 | 195 | 28 | 195 | 28 | 70 |
| 125° | 290 | 275 | 290 | 275 | 290 | 250 |
| 135° | 352 | 341 | 352 | 341 | 352 | 271 |
| 145° | 401 | 395 | 401 | 395 | 401 | 251 |
| 155° | 436 | 435 | 436 | 435 | 436 | 201 |
| 165° | 457 | 458 | 457 | 458 | 457 | 129 |
| 175° | 466 | 469 | 466 | 469 | 466 | 44 |
| 180° | 468 | 468 | 468 | 468 | 468 | |



TEST NUMBER: P331555-927

CATALOG NUMBER: S122DIW-S865D435U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1367.7 | 1367.7 | 1367.7 | 1367.7 | 1367.7 | 1367.7 | 1367.7 | 1367.7 | 1367.7 | 1367.7 | 1367.7 |
| 2.5° | 1430.8 | 1431.2 | 1432.1 | 1425.4 | 1424.5 | 1424.5 | 1418.6 | 1413.6 | 1407.7 | 1399.7 | 1400.6 |
| 5° | 1527.6 | 1533.3 | 1535.4 | 1529.1 | 1519.6 | 1518.6 | 1509.7 | 1494.9 | 1481.3 | 1470.2 | 1462.4 |
| 7.5° | 1643.0 | 1645.3 | 1640.1 | 1631.8 | 1624.8 | 1612.2 | 1595.5 | 1579.3 | 1556.5 | 1535.6 | 1520.0 |
| 10° | 1730.4 | 1733.6 | 1724.7 | 1712.5 | 1702.6 | 1687.8 | 1663.7 | 1638.9 | 1609.0 | 1580.1 | 1557.0 |
| 12.5° | 1796.9 | 1804.7 | 1793.2 | 1791.6 | 1774.5 | 1754.3 | 1725.5 | 1713.0 | 1670.9 | 1630.5 | 1605.8 |
| 15° | 1877.6 | 1877.1 | 1878.2 | 1868.1 | 1855.5 | 1852.4 | 1821.9 | 1788.8 | 1729.4 | 1705.7 | 1664.8 |
| 17.5° | 1854.3 | 1862.3 | 1866.0 | 1865.8 | 1865.5 | 1863.5 | 1853.8 | 1832.9 | 1803.1 | 1764.7 | 1717.4 |
| 20° | 1798.8 | 1809.3 | 1810.8 | 1823.0 | 1829.8 | 1838.7 | 1842.4 | 1836.6 | 1818.2 | 1786.1 | 1745.2 |
| 22.5° | 1713.0 | 1715.9 | 1720.9 | 1739.7 | 1754.5 | 1776.9 | 1788.6 | 1808.0 | 1800.9 | 1785.3 | 1751.0 |
| 25° | 1564.3 | 1559.1 | 1577.5 | 1586.9 | 1621.1 | 1656.8 | 1682.6 | 1711.0 | 1736.2 | 1751.4 | 1741.5 |
| 27.5° | 1385.8 | 1377.9 | 1405.5 | 1430.6 | 1458.3 | 1497.1 | 1537.2 | 1584.6 | 1624.1 | 1673.3 | 1690.3 |
| 30° | 1235.2 | 1240.0 | 1266.3 | 1293.1 | 1335.1 | 1389.8 | 1435.0 | 1487.1 | 1543.3 | 1598.5 | 1636.9 |
| 32.5° | 1072.9 | 1091.2 | 1107.8 | 1148.8 | 1185.9 | 1246.8 | 1313.0 | 1378.2 | 1448.3 | 1511.0 | 1570.4 |
| 35° | 851.5 | 872.6 | 895.7 | 925.7 | 977.7 | 1038.2 | 1102.8 | 1190.6 | 1286.3 | 1372.0 | 1442.4 |
| 37.5° | 716.8 | 713.4 | 726.7 | 748.3 | 790.4 | 839.2 | 913.7 | 1000.4 | 1113.0 | 1213.7 | 1313.0 |
| 40° | 636.0 | 633.9 | 643.4 | 663.4 | 695.5 | 731.2 | 796.4 | 872.6 | 977.2 | 1100.2 | 1218.5 |
| 42.5° | 580.5 | 581.8 | 587.0 | 601.1 | 623.1 | 652.5 | 701.3 | 766.2 | 862.0 | 977.8 | 1104.9 |
| 45° | 513.0 | 516.7 | 522.5 | 529.3 | 541.9 | 566.1 | 593.4 | 639.7 | 715.4 | 812.1 | 937.2 |
| 47.5° | 464.5 | 464.5 | 470.5 | 476.4 | 483.9 | 497.6 | 519.8 | 548.9 | 602.3 | 681.0 | 788.6 |
| 50° | 438.4 | 434.7 | 438.9 | 443.6 | 451.5 | 461.0 | 475.7 | 503.0 | 538.8 | 602.4 | 692.3 |
| 52.5° | 406.5 | 406.5 | 410.4 | 412.1 | 419.1 | 428.6 | 442.0 | 461.0 | 493.4 | 543.1 | 617.0 |
| 55° | 360.6 | 363.2 | 365.4 | 368.4 | 374.8 | 381.6 | 392.1 | 404.7 | 430.0 | 467.3 | 522.0 |
| 57.5° | 317.5 | 318.3 | 320.4 | 326.5 | 330.4 | 336.8 | 346.7 | 358.1 | 374.5 | 402.2 | 443.3 |
| 60° | 288.0 | 288.0 | 292.2 | 294.9 | 300.2 | 306.4 | 314.3 | 325.3 | 340.1 | 362.7 | 395.9 |
| 62.5° | 261.2 | 260.7 | 262.4 | 266.7 | 270.7 | 276.6 | 284.5 | 293.8 | 307.7 | 327.8 | 355.1 |
| 65° | 221.8 | 220.8 | 223.9 | 225.0 | 229.2 | 235.0 | 241.3 | 251.3 | 262.3 | 277.0 | 301.2 |
| 67.5° | 183.9 | 185.2 | 187.0 | 188.9 | 191.2 | 197.3 | 201.5 | 208.6 | 217.9 | 230.1 | 246.5 |
| 70° | 163.0 | 163.0 | 163.0 | 164.5 | 167.7 | 170.9 | 175.1 | 180.9 | 189.7 | 200.3 | 215.0 |
| 72.5° | 139.4 | 141.1 | 142.8 | 141.8 | 145.8 | 147.7 | 152.7 | 156.0 | 164.5 | 171.3 | 184.3 |
| 75° | 109.3 | 109.3 | 109.3 | 111.9 | 113.5 | 115.1 | 118.3 | 121.4 | 125.6 | 134.0 | 140.9 |
| 77.5° | 81.6 | 81.4 | 81.9 | 82.5 | 84.2 | 86.1 | 87.1 | 89.9 | 93.8 | 97.7 | 103.5 |
| 80° | 63.1 | 64.2 | 64.6 | 65.7 | 65.7 | 66.8 | 67.3 | 71.0 | 73.6 | 76.2 | 79.9 |
| 82.5° | 48.8 | 49.0 | 49.1 | 49.3 | 49.7 | 50.4 | 51.7 | 52.9 | 53.8 | 56.0 | 58.9 |
| 85° | 28.4 | 27.9 | 27.9 | 28.9 | 28.4 | 28.4 | 29.5 | 30.5 | 30.5 | 31.0 | 32.6 |
| 87.5° | 12.8 | 12.8 | 13.2 | 12.7 | 12.7 | 13.0 | 12.9 | 12.4 | 12.8 | 13.2 | 13.5 |
| 90° | 9.1 | 9.0 | 8.9 | 8.7 | 8.6 | 8.2 | 7.9 | 7.5 | 7.1 | 6.7 | 6.2 |
| 92.5° | 9.1 | 9.0 | 9.0 | 8.9 | 8.8 | 8.6 | 8.5 | 8.2 | 8.1 | 7.8 | 7.5 |
| 95° | 14.6 | 14.7 | 14.7 | 14.8 | 14.9 | 14.7 | 14.3 | 13.9 | 13.5 | 13.2 | 12.7 |
| 97.5° | 19.4 | 19.3 | 19.3 | 19.2 | 19.1 | 18.9 | 18.6 | 18.3 | 18.0 | 17.7 | 16.5 |
| 100° | 22.7 | 22.5 | 22.4 | 22.3 | 22.1 | 21.7 | 21.1 | 20.5 | 19.9 | 19.3 | 18.0 |
| 102.5° | 24.3 | 24.1 | 23.9 | 23.7 | 23.4 | 23.0 | 22.2 | 21.4 | 20.6 | 19.8 | 30.6 |
| 105° | 25.7 | 25.4 | 25.1 | 24.8 | 24.6 | 24.0 | 23.1 | 22.3 | 21.5 | 20.7 | 41.2 |
| 107.5° | 26.5 | 26.1 | 25.9 | 25.6 | 25.3 | 25.5 | 26.4 | 27.3 | 28.0 | 28.9 | 53.6 |
| 110° | 26.8 | 26.5 | 26.1 | 25.8 | 25.5 | 29.2 | 36.7 | 44.2 | 51.7 | 59.3 | 81.0 |



TEST NUMBER: P331555-927

CATALOG NUMBER: S122DIW-S865D435U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 27.0 | 26.8 | 26.5 | 26.3 | 26.1 | 39.7 | 67.1 | 94.6 | 122.0 | 149.5 | 154.8 |
| 115° | 27.7 | 33.2 | 38.6 | 44.0 | 49.4 | 69.6 | 104.4 | 139.3 | 174.0 | 208.9 | 207.0 |
| 117.5° | 113.4 | 131.2 | 148.9 | 166.8 | 184.6 | 197.6 | 206.1 | 214.5 | 223.0 | 231.4 | 230.1 |
| 120° | 206.5 | 216.7 | 226.9 | 237.0 | 247.2 | 251.8 | 250.9 | 250.0 | 249.1 | 248.2 | 246.8 |
| 122.5° | 257.7 | 259.7 | 261.7 | 263.6 | 265.6 | 266.3 | 265.8 | 265.2 | 264.7 | 264.2 | 262.7 |
| 125° | 289.5 | 289.3 | 289.1 | 288.8 | 288.6 | 288.2 | 287.7 | 287.2 | 286.6 | 286.1 | 284.7 |
| 127.5° | 309.5 | 309.5 | 309.4 | 309.4 | 309.3 | 309.0 | 308.2 | 307.4 | 306.7 | 305.9 | 304.8 |
| 130° | 322.0 | 322.1 | 322.2 | 322.3 | 322.3 | 321.9 | 321.1 | 320.3 | 319.4 | 318.6 | 317.8 |
| 132.5° | 334.2 | 334.3 | 334.3 | 334.4 | 334.5 | 334.1 | 333.4 | 332.8 | 332.1 | 331.4 | 330.5 |
| 135° | 351.8 | 352.0 | 352.1 | 352.3 | 352.4 | 352.1 | 351.3 | 350.6 | 349.8 | 349.1 | 348.4 |
| 137.5° | 367.8 | 368.1 | 368.4 | 368.6 | 368.8 | 368.6 | 367.9 | 367.2 | 366.4 | 365.7 | 364.9 |
| 140° | 377.9 | 378.3 | 378.6 | 379.0 | 379.4 | 379.2 | 378.6 | 377.9 | 377.2 | 376.5 | 375.7 |
| 142.5° | 387.6 | 388.0 | 388.4 | 388.7 | 389.1 | 389.0 | 388.4 | 387.8 | 387.1 | 386.5 | 385.6 |
| 145° | 401.2 | 401.6 | 402.0 | 402.3 | 402.7 | 402.7 | 402.1 | 401.6 | 401.1 | 400.5 | 399.3 |
| 147.5° | 413.2 | 413.5 | 413.8 | 414.2 | 414.5 | 414.5 | 414.1 | 413.7 | 413.3 | 412.9 | 411.6 |
| 150° | 420.6 | 420.9 | 421.3 | 421.7 | 422.1 | 422.0 | 421.5 | 421.1 | 420.6 | 420.2 | 419.0 |
| 152.5° | 426.7 | 427.2 | 427.8 | 428.3 | 428.7 | 428.8 | 428.3 | 427.9 | 427.4 | 427.0 | 425.8 |
| 155° | 435.5 | 436.0 | 436.7 | 437.2 | 437.8 | 437.9 | 437.4 | 437.0 | 436.6 | 436.1 | 435.2 |
| 157.5° | 443.4 | 443.9 | 444.5 | 445.1 | 445.7 | 445.8 | 445.2 | 444.7 | 444.2 | 443.7 | 443.1 |
| 160° | 448.0 | 448.5 | 449.0 | 449.6 | 450.0 | 450.1 | 449.6 | 449.2 | 448.8 | 448.3 | 447.8 |
| 162.5° | 451.8 | 452.4 | 453.0 | 453.7 | 454.3 | 454.4 | 453.9 | 453.4 | 452.9 | 452.3 | 451.9 |
| 165° | 457.4 | 458.0 | 458.5 | 459.0 | 459.5 | 459.5 | 459.0 | 458.5 | 458.0 | 457.4 | 457.2 |
| 167.5° | 461.1 | 461.7 | 462.4 | 463.0 | 463.7 | 463.8 | 463.3 | 462.8 | 462.2 | 461.7 | 461.5 |
| 170° | 463.2 | 463.9 | 464.5 | 465.2 | 465.9 | 466.0 | 465.5 | 464.9 | 464.4 | 463.9 | 463.7 |
| 172.5° | 464.9 | 465.5 | 466.2 | 466.8 | 467.5 | 467.6 | 467.1 | 466.5 | 466.0 | 465.5 | 465.3 |
| 175° | 466.3 | 467.0 | 467.8 | 468.5 | 469.3 | 469.4 | 468.8 | 468.3 | 467.8 | 467.2 | 467.1 |
| 177.5° | 467.1 | 467.6 | 468.2 | 468.7 | 469.3 | 469.4 | 468.9 | 468.5 | 468.1 | 467.6 | 467.6 |
| 180° | 467.9 | 467.9 | 467.9 | 467.9 | 467.9 | 467.9 | 467.9 | 467.9 | 467.9 | 467.9 | 467.9 |



TEST NUMBER: P331555-927

CATALOG NUMBER: S122DIW-S865D435U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1367.7 | 1367.7 | 1367.7 | 1367.7 | 1367.7 | 1367.7 | 1367.7 | 1367.7 | 1367.7 | 1367.7 | 1367.7 |
| 2.5° | 1403.5 | 1400.1 | 1398.0 | 1390.4 | 1383.7 | 1377.0 | 1374.9 | 1375.7 | 1366.5 | 1357.6 | 1353.8 |
| 5° | 1458.2 | 1447.6 | 1437.7 | 1423.5 | 1406.7 | 1388.2 | 1378.8 | 1371.4 | 1353.0 | 1333.1 | 1321.5 |
| 7.5° | 1507.1 | 1492.1 | 1472.9 | 1446.2 | 1421.7 | 1392.7 | 1374.4 | 1358.0 | 1331.2 | 1303.0 | 1285.7 |
| 10° | 1537.0 | 1516.5 | 1491.8 | 1459.2 | 1429.3 | 1394.0 | 1369.3 | 1344.7 | 1313.0 | 1279.5 | 1258.4 |
| 12.5° | 1562.7 | 1535.0 | 1510.7 | 1468.9 | 1433.5 | 1389.4 | 1360.1 | 1325.2 | 1292.0 | 1252.1 | 1231.5 |
| 15° | 1623.7 | 1572.7 | 1526.5 | 1479.2 | 1435.5 | 1374.0 | 1341.5 | 1294.7 | 1251.0 | 1201.7 | 1178.0 |
| 17.5° | 1671.0 | 1613.7 | 1540.8 | 1480.7 | 1429.7 | 1361.7 | 1313.8 | 1257.7 | 1206.2 | 1149.7 | 1117.5 |
| 20° | 1697.9 | 1632.1 | 1553.8 | 1482.3 | 1421.3 | 1343.5 | 1291.5 | 1234.2 | 1173.8 | 1110.2 | 1075.5 |
| 22.5° | 1713.8 | 1644.7 | 1567.3 | 1476.0 | 1404.5 | 1328.8 | 1263.4 | 1200.6 | 1139.3 | 1070.6 | 1034.3 |
| 25° | 1718.9 | 1655.8 | 1573.8 | 1470.8 | 1383.5 | 1297.8 | 1219.0 | 1158.0 | 1083.9 | 1019.8 | 966.7 |
| 27.5° | 1693.8 | 1648.6 | 1569.8 | 1460.9 | 1359.2 | 1259.0 | 1171.2 | 1102.1 | 1023.9 | 954.3 | 900.9 |
| 30° | 1663.2 | 1636.9 | 1560.1 | 1450.8 | 1339.9 | 1232.2 | 1135.4 | 1057.1 | 979.3 | 908.9 | 854.2 |
| 32.5° | 1615.7 | 1610.0 | 1542.5 | 1436.5 | 1319.3 | 1198.1 | 1098.0 | 1018.8 | 932.6 | 863.4 | 811.3 |
| 35° | 1522.3 | 1547.5 | 1504.9 | 1404.5 | 1280.5 | 1149.6 | 1041.3 | 950.9 | 861.6 | 795.3 | 746.4 |
| 37.5° | 1397.2 | 1459.8 | 1448.7 | 1357.7 | 1228.1 | 1096.9 | 977.3 | 882.8 | 797.6 | 730.8 | 682.8 |
| 40° | 1311.0 | 1390.8 | 1402.4 | 1322.0 | 1191.1 | 1056.1 | 929.4 | 835.3 | 752.2 | 691.3 | 642.9 |
| 42.5° | 1218.5 | 1311.8 | 1343.5 | 1279.1 | 1150.7 | 1013.1 | 886.5 | 789.0 | 706.8 | 647.5 | 604.6 |
| 45° | 1063.4 | 1186.9 | 1244.2 | 1207.4 | 1083.4 | 942.5 | 812.1 | 713.3 | 638.7 | 583.0 | 549.9 |
| 47.5° | 918.4 | 1053.4 | 1130.4 | 1117.5 | 1008.4 | 868.9 | 740.0 | 645.2 | 572.5 | 528.1 | 498.4 |
| 50° | 815.8 | 954.6 | 1047.6 | 1051.9 | 954.6 | 816.3 | 687.1 | 597.7 | 530.9 | 489.4 | 465.2 |
| 52.5° | 726.7 | 859.1 | 960.6 | 982.9 | 894.5 | 761.7 | 639.5 | 550.6 | 491.8 | 453.6 | 432.0 |
| 55° | 610.3 | 722.2 | 834.7 | 875.8 | 804.8 | 678.6 | 565.6 | 487.3 | 432.1 | 405.8 | 386.9 |
| 57.5° | 507.4 | 600.7 | 704.6 | 749.9 | 706.2 | 598.2 | 492.2 | 424.2 | 379.4 | 356.4 | 341.9 |
| 60° | 453.1 | 526.7 | 619.2 | 673.4 | 635.5 | 539.3 | 446.8 | 382.1 | 345.4 | 324.9 | 311.2 |
| 62.5° | 402.7 | 467.9 | 546.1 | 595.6 | 575.0 | 484.3 | 401.4 | 344.3 | 312.5 | 293.3 | 283.4 |
| 65° | 332.2 | 383.7 | 444.2 | 489.9 | 476.3 | 407.3 | 339.6 | 290.7 | 265.5 | 250.2 | 242.3 |
| 67.5° | 273.5 | 310.8 | 352.7 | 392.8 | 381.8 | 333.0 | 278.5 | 240.4 | 221.7 | 208.5 | 203.7 |
| 70° | 236.5 | 264.9 | 302.2 | 334.3 | 325.3 | 285.4 | 242.3 | 209.8 | 193.5 | 182.4 | 177.7 |
| 72.5° | 201.2 | 224.6 | 253.0 | 279.2 | 273.2 | 240.0 | 204.1 | 179.4 | 166.9 | 156.8 | 152.9 |
| 75° | 151.9 | 169.8 | 187.1 | 204.5 | 202.9 | 177.1 | 156.1 | 137.2 | 127.2 | 119.3 | 117.7 |
| 77.5° | 112.2 | 122.2 | 134.0 | 144.3 | 141.4 | 126.7 | 110.2 | 99.3 | 92.0 | 86.7 | 85.9 |
| 80° | 85.7 | 91.5 | 99.9 | 107.3 | 103.5 | 97.3 | 84.1 | 76.2 | 71.0 | 65.7 | 63.6 |
| 82.5° | 62.1 | 67.9 | 73.0 | 76.9 | 74.1 | 68.2 | 60.1 | 54.7 | 51.7 | 48.0 | 47.2 |
| 85° | 32.6 | 35.7 | 37.9 | 38.9 | 37.9 | 34.1 | 30.5 | 28.4 | 25.7 | 24.2 | 23.7 |
| 87.5° | 13.7 | 13.6 | 13.5 | 14.2 | 12.8 | 12.6 | 10.8 | 9.3 | 9.0 | 8.8 | 8.2 |
| 90° | 5.5 | 5.0 | 4.4 | 3.6 | 2.9 | 2.0 | 1.2 | 0.3 | 1.2 | 2.0 | 2.9 |
| 92.5° | 7.3 | 7.0 | 6.7 | 6.6 | 6.6 | 6.7 | 6.7 | 6.8 | 6.7 | 6.7 | 6.6 |
| 95° | 12.1 | 11.6 | 11.1 | 12.0 | 14.6 | 17.0 | 19.5 | 22.0 | 19.5 | 17.0 | 14.6 |
| 97.5° | 15.2 | 14.0 | 12.8 | 15.7 | 22.7 | 29.7 | 36.7 | 43.6 | 36.7 | 29.7 | 22.7 |
| 100° | 16.7 | 15.4 | 14.2 | 18.7 | 29.0 | 39.3 | 49.6 | 60.0 | 49.6 | 39.3 | 29.0 |
| 102.5° | 41.3 | 52.0 | 62.7 | 69.1 | 71.3 | 73.4 | 75.7 | 77.8 | 75.7 | 73.4 | 71.3 |
| 105° | 61.7 | 82.3 | 102.8 | 111.9 | 109.7 | 107.4 | 105.2 | 102.9 | 105.2 | 107.4 | 109.7 |
| 107.5° | 78.2 | 102.8 | 127.5 | 138.9 | 137.0 | 135.2 | 133.4 | 131.6 | 133.4 | 135.2 | 137.0 |
| 110° | 102.7 | 124.5 | 146.2 | 156.3 | 154.7 | 153.1 | 151.5 | 150.0 | 151.5 | 153.1 | 154.7 |



TEST NUMBER: P331555-927

CATALOG NUMBER: S122DIW-S865D435U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 160.2 | 165.6 | 171.0 | 172.9 | 171.5 | 170.2 | 168.7 | 167.3 | 168.7 | 170.2 | 171.5 |
| 115° | 205.2 | 203.3 | 201.4 | 199.8 | 198.5 | 197.3 | 196.0 | 194.7 | 196.0 | 197.3 | 198.5 |
| 117.5° | 228.8 | 227.5 | 226.2 | 224.8 | 223.4 | 222.0 | 220.5 | 219.1 | 220.5 | 222.0 | 223.4 |
| 120° | 245.5 | 244.2 | 242.8 | 241.5 | 240.4 | 239.2 | 238.1 | 237.0 | 238.1 | 239.2 | 240.4 |
| 122.5° | 261.2 | 259.8 | 258.3 | 256.9 | 255.7 | 254.5 | 253.3 | 252.2 | 253.3 | 254.5 | 255.7 |
| 125° | 283.3 | 281.9 | 280.4 | 279.2 | 278.2 | 277.3 | 276.2 | 275.3 | 276.2 | 277.3 | 278.2 |
| 127.5° | 303.7 | 302.7 | 301.6 | 300.6 | 299.4 | 298.3 | 297.3 | 296.2 | 297.3 | 298.3 | 299.4 |
| 130° | 317.0 | 316.2 | 315.3 | 314.3 | 313.1 | 311.9 | 310.7 | 309.5 | 310.7 | 311.9 | 313.1 |
| 132.5° | 329.7 | 328.8 | 328.0 | 327.1 | 326.1 | 325.0 | 324.0 | 323.1 | 324.0 | 325.0 | 326.1 |
| 135° | 347.8 | 347.1 | 346.3 | 345.5 | 344.2 | 343.0 | 341.8 | 340.6 | 341.8 | 343.0 | 344.2 |
| 137.5° | 364.2 | 363.4 | 362.6 | 361.8 | 361.0 | 360.1 | 359.3 | 358.5 | 359.3 | 360.1 | 361.0 |
| 140° | 374.9 | 374.1 | 373.2 | 372.5 | 371.9 | 371.3 | 370.7 | 370.1 | 370.7 | 371.3 | 371.9 |
| 142.5° | 384.6 | 383.7 | 382.8 | 382.0 | 381.4 | 380.9 | 380.4 | 379.9 | 380.4 | 380.9 | 381.4 |
| 145° | 398.0 | 396.7 | 395.5 | 394.8 | 394.9 | 395.0 | 395.1 | 395.1 | 395.1 | 395.0 | 394.9 |
| 147.5° | 410.4 | 409.1 | 407.8 | 407.3 | 407.7 | 407.9 | 408.2 | 408.4 | 408.2 | 407.9 | 407.7 |
| 150° | 417.8 | 416.6 | 415.3 | 415.0 | 415.6 | 416.1 | 416.6 | 417.2 | 416.6 | 416.1 | 415.6 |
| 152.5° | 424.7 | 423.5 | 422.4 | 422.1 | 422.7 | 423.3 | 423.9 | 424.5 | 423.9 | 423.3 | 422.7 |
| 155° | 434.3 | 433.4 | 432.5 | 432.4 | 433.1 | 433.7 | 434.4 | 435.1 | 434.4 | 433.7 | 433.1 |
| 157.5° | 442.4 | 441.8 | 441.2 | 441.2 | 441.7 | 442.3 | 442.8 | 443.4 | 442.8 | 442.3 | 441.7 |
| 160° | 447.4 | 446.9 | 446.5 | 446.5 | 446.9 | 447.4 | 447.8 | 448.3 | 447.8 | 447.4 | 446.9 |
| 162.5° | 451.5 | 451.1 | 450.8 | 450.8 | 451.3 | 451.7 | 452.2 | 452.7 | 452.2 | 451.7 | 451.3 |
| 165° | 457.0 | 456.8 | 456.5 | 456.6 | 457.1 | 457.6 | 458.0 | 458.4 | 458.0 | 457.6 | 457.1 |
| 167.5° | 461.3 | 461.1 | 460.9 | 461.0 | 461.4 | 461.9 | 462.3 | 462.8 | 462.3 | 461.9 | 461.4 |
| 170° | 463.6 | 463.4 | 463.3 | 463.4 | 463.9 | 464.3 | 464.8 | 465.2 | 464.8 | 464.3 | 463.9 |
| 172.5° | 465.2 | 465.0 | 464.9 | 465.0 | 465.5 | 466.0 | 466.4 | 466.8 | 466.4 | 466.0 | 465.5 |
| 175° | 467.0 | 466.8 | 466.7 | 466.8 | 467.4 | 467.9 | 468.4 | 469.0 | 468.4 | 467.9 | 467.4 |
| 177.5° | 467.5 | 467.5 | 467.4 | 467.6 | 468.0 | 468.4 | 468.9 | 469.3 | 468.9 | 468.4 | 468.0 |
| 180° | 467.9 | 467.9 | 467.9 | 467.9 | 467.9 | 467.9 | 467.9 | 467.9 | 467.9 | 467.9 | 467.9 |



TEST NUMBER: P331555-927

CATALOG NUMBER: S122DIW-S865D435U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1367.7 | 1367.7 | 1367.7 | 1367.7 | 1367.7 | 1367.7 | 1367.7 | 1367.7 | 1367.7 | 1367.7 | 1367.7 |
| 2.5° | 1349.6 | 1347.1 | 1338.3 | 1333.7 | 1326.1 | 1319.0 | 1314.3 | 1316.4 | 1318.1 | 1317.2 | 1316.1 |
| 5° | 1311.0 | 1301.0 | 1285.7 | 1272.6 | 1263.1 | 1245.8 | 1238.4 | 1234.8 | 1231.6 | 1227.9 | 1224.2 |
| 7.5° | 1265.0 | 1249.2 | 1227.2 | 1208.6 | 1190.9 | 1169.3 | 1157.1 | 1149.7 | 1142.2 | 1133.9 | 1126.5 |
| 10° | 1232.2 | 1210.1 | 1186.9 | 1160.6 | 1139.6 | 1120.1 | 1102.8 | 1091.2 | 1080.8 | 1070.7 | 1063.4 |
| 12.5° | 1197.6 | 1172.2 | 1143.6 | 1107.6 | 1084.5 | 1056.7 | 1054.0 | 1033.6 | 1017.2 | 1011.1 | 1002.4 |
| 15° | 1142.8 | 1107.0 | 1070.7 | 1028.2 | 1009.8 | 984.5 | 968.8 | 953.0 | 938.8 | 928.8 | 926.2 |
| 17.5° | 1080.5 | 1034.2 | 998.1 | 967.5 | 937.3 | 911.5 | 897.0 | 884.4 | 872.7 | 859.4 | 857.5 |
| 20° | 1032.9 | 992.9 | 953.5 | 926.7 | 895.7 | 869.4 | 851.5 | 838.9 | 828.9 | 821.1 | 814.2 |
| 22.5° | 987.9 | 944.2 | 908.1 | 878.8 | 848.2 | 827.0 | 812.9 | 800.7 | 792.3 | 783.6 | 777.2 |
| 25° | 915.7 | 881.5 | 842.1 | 809.0 | 783.7 | 770.1 | 758.5 | 748.0 | 742.8 | 737.0 | 729.6 |
| 27.5° | 852.5 | 814.5 | 777.7 | 752.0 | 729.8 | 717.7 | 709.6 | 702.3 | 697.4 | 694.0 | 689.8 |
| 30° | 807.9 | 769.5 | 740.6 | 715.4 | 697.0 | 684.9 | 679.7 | 675.5 | 669.7 | 667.6 | 665.5 |
| 32.5° | 765.0 | 730.5 | 705.8 | 683.9 | 666.3 | 658.5 | 653.6 | 649.8 | 645.3 | 643.2 | 639.0 |
| 35° | 704.4 | 675.5 | 651.3 | 639.2 | 625.0 | 618.1 | 614.5 | 609.3 | 605.0 | 602.9 | 602.4 |
| 37.5° | 647.3 | 622.2 | 606.3 | 590.7 | 584.7 | 580.5 | 575.5 | 571.9 | 570.6 | 570.3 | 569.8 |
| 40° | 610.3 | 589.8 | 575.6 | 563.0 | 560.3 | 554.1 | 549.9 | 546.7 | 546.7 | 547.2 | 546.7 |
| 42.5° | 576.6 | 558.3 | 545.7 | 534.8 | 531.7 | 528.0 | 523.8 | 523.6 | 524.4 | 526.2 | 524.4 |
| 45° | 525.6 | 512.5 | 503.6 | 498.3 | 492.5 | 488.9 | 488.3 | 489.9 | 490.4 | 491.0 | 492.5 |
| 47.5° | 478.8 | 470.0 | 461.9 | 456.1 | 453.6 | 453.0 | 452.3 | 455.1 | 457.6 | 458.6 | 461.0 |
| 50° | 451.0 | 441.0 | 434.2 | 430.5 | 428.4 | 427.4 | 428.4 | 431.6 | 433.6 | 436.3 | 437.8 |
| 52.5° | 419.9 | 412.8 | 408.1 | 405.3 | 404.4 | 405.0 | 405.3 | 408.8 | 412.3 | 413.1 | 413.9 |
| 55° | 376.9 | 371.6 | 370.6 | 365.8 | 368.0 | 367.4 | 370.0 | 372.2 | 375.3 | 378.5 | 379.0 |
| 57.5° | 334.0 | 329.8 | 326.9 | 327.4 | 328.0 | 330.3 | 332.6 | 336.2 | 339.6 | 342.9 | 343.3 |
| 60° | 305.4 | 303.3 | 301.7 | 301.7 | 302.8 | 305.9 | 308.6 | 312.2 | 314.3 | 316.5 | 318.0 |
| 62.5° | 279.3 | 277.3 | 275.7 | 276.5 | 279.2 | 281.1 | 284.2 | 286.1 | 288.3 | 290.3 | 291.1 |
| 65° | 238.1 | 237.1 | 238.7 | 239.7 | 240.2 | 242.9 | 246.5 | 248.1 | 250.2 | 251.3 | 254.9 |
| 67.5° | 200.2 | 200.3 | 200.2 | 201.6 | 204.7 | 205.3 | 208.8 | 212.5 | 212.9 | 214.9 | 217.3 |
| 70° | 174.5 | 175.5 | 176.7 | 177.7 | 180.3 | 181.3 | 183.9 | 185.5 | 187.7 | 189.3 | 190.8 |
| 72.5° | 151.0 | 151.1 | 152.3 | 152.0 | 154.2 | 156.5 | 158.8 | 160.3 | 162.4 | 164.5 | 166.0 |
| 75° | 116.1 | 116.1 | 117.2 | 117.7 | 120.4 | 123.0 | 122.5 | 123.5 | 125.6 | 127.7 | 128.8 |
| 77.5° | 84.8 | 83.7 | 84.8 | 85.4 | 86.2 | 88.4 | 88.8 | 90.3 | 92.7 | 92.0 | 93.2 |
| 80° | 64.6 | 63.1 | 64.6 | 65.2 | 65.2 | 67.8 | 67.8 | 68.8 | 70.4 | 68.8 | 70.4 |
| 82.5° | 46.2 | 45.4 | 46.6 | 46.7 | 47.5 | 47.6 | 48.5 | 48.6 | 50.2 | 49.5 | 50.2 |
| 85° | 23.1 | 22.6 | 23.1 | 22.6 | 23.1 | 23.7 | 23.7 | 23.1 | 23.1 | 24.2 | 22.6 |
| 87.5° | 7.8 | 7.6 | 7.3 | 7.4 | 7.1 | 6.8 | 6.5 | 6.6 | 6.7 | 5.9 | 5.9 |
| 90° | 3.6 | 4.4 | 5.0 | 5.5 | 6.2 | 6.7 | 7.1 | 7.5 | 7.9 | 8.2 | 8.6 |
| 92.5° | 6.6 | 6.7 | 7.0 | 7.3 | 7.5 | 7.8 | 8.1 | 8.2 | 8.5 | 8.6 | 8.8 |
| 95° | 12.0 | 11.1 | 11.6 | 12.1 | 12.7 | 13.2 | 13.5 | 13.9 | 14.3 | 14.7 | 14.9 |
| 97.5° | 15.7 | 12.8 | 14.0 | 15.2 | 16.5 | 17.7 | 18.0 | 18.3 | 18.6 | 18.9 | 19.1 |
| 100° | 18.7 | 14.2 | 15.4 | 16.7 | 18.0 | 19.3 | 19.9 | 20.5 | 21.1 | 21.7 | 22.1 |
| 102.5° | 69.1 | 62.7 | 52.0 | 41.3 | 30.6 | 19.8 | 20.6 | 21.4 | 22.2 | 23.0 | 23.4 |
| 105° | 111.9 | 102.8 | 82.3 | 61.7 | 41.2 | 20.7 | 21.5 | 22.3 | 23.1 | 24.0 | 24.6 |
| 107.5° | 138.9 | 127.5 | 102.8 | 78.2 | 53.6 | 28.9 | 28.0 | 27.3 | 26.4 | 25.5 | 25.3 |
| 110° | 156.3 | 146.2 | 124.5 | 102.7 | 81.0 | 59.3 | 51.7 | 44.2 | 36.7 | 29.2 | 25.5 |



TEST NUMBER: P331555-927

CATALOG NUMBER: S122DIW-S865D435U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 172.9 | 171.0 | 165.6 | 160.2 | 154.8 | 149.5 | 122.0 | 94.6 | 67.1 | 39.7 | 26.1 |
| 115° | 199.8 | 201.4 | 203.3 | 205.2 | 207.0 | 208.9 | 174.0 | 139.3 | 104.4 | 69.6 | 49.4 |
| 117.5° | 224.8 | 226.2 | 227.5 | 228.8 | 230.1 | 231.4 | 223.0 | 214.5 | 206.1 | 197.6 | 184.6 |
| 120° | 241.5 | 242.8 | 244.2 | 245.5 | 246.8 | 248.2 | 249.1 | 250.0 | 250.9 | 251.8 | 247.2 |
| 122.5° | 256.9 | 258.3 | 259.8 | 261.2 | 262.7 | 264.2 | 264.7 | 265.2 | 265.8 | 266.3 | 265.6 |
| 125° | 279.2 | 280.4 | 281.9 | 283.3 | 284.7 | 286.1 | 286.6 | 287.2 | 287.7 | 288.2 | 288.6 |
| 127.5° | 300.6 | 301.6 | 302.7 | 303.7 | 304.8 | 305.9 | 306.7 | 307.4 | 308.2 | 309.0 | 309.3 |
| 130° | 314.3 | 315.3 | 316.2 | 317.0 | 317.8 | 318.6 | 319.4 | 320.3 | 321.1 | 321.9 | 322.3 |
| 132.5° | 327.1 | 328.0 | 328.8 | 329.7 | 330.5 | 331.4 | 332.1 | 332.8 | 333.4 | 334.1 | 334.5 |
| 135° | 345.5 | 346.3 | 347.1 | 347.8 | 348.4 | 349.1 | 349.8 | 350.6 | 351.3 | 352.1 | 352.4 |
| 137.5° | 361.8 | 362.6 | 363.4 | 364.2 | 364.9 | 365.7 | 366.4 | 367.2 | 367.9 | 368.6 | 368.8 |
| 140° | 372.5 | 373.2 | 374.1 | 374.9 | 375.7 | 376.5 | 377.2 | 377.9 | 378.6 | 379.2 | 379.4 |
| 142.5° | 382.0 | 382.8 | 383.7 | 384.6 | 385.6 | 386.5 | 387.1 | 387.8 | 388.4 | 389.0 | 389.1 |
| 145° | 394.8 | 395.5 | 396.7 | 398.0 | 399.3 | 400.5 | 401.1 | 401.6 | 402.1 | 402.7 | 402.7 |
| 147.5° | 407.3 | 407.8 | 409.1 | 410.4 | 411.6 | 412.9 | 413.3 | 413.7 | 414.1 | 414.5 | 414.5 |
| 150° | 415.0 | 415.3 | 416.6 | 417.8 | 419.0 | 420.2 | 420.6 | 421.1 | 421.5 | 422.0 | 422.1 |
| 152.5° | 422.1 | 422.4 | 423.5 | 424.7 | 425.8 | 427.0 | 427.4 | 427.9 | 428.3 | 428.8 | 428.7 |
| 155° | 432.4 | 432.5 | 433.4 | 434.3 | 435.2 | 436.1 | 436.6 | 437.0 | 437.4 | 437.9 | 437.8 |
| 157.5° | 441.2 | 441.2 | 441.8 | 442.4 | 443.1 | 443.7 | 444.2 | 444.7 | 445.2 | 445.8 | 445.7 |
| 160° | 446.5 | 446.5 | 446.9 | 447.4 | 447.8 | 448.3 | 448.8 | 449.2 | 449.6 | 450.1 | 450.0 |
| 162.5° | 450.8 | 450.8 | 451.1 | 451.5 | 451.9 | 452.3 | 452.9 | 453.4 | 453.9 | 454.4 | 454.3 |
| 165° | 456.6 | 456.5 | 456.8 | 457.0 | 457.2 | 457.4 | 458.0 | 458.5 | 459.0 | 459.5 | 459.5 |
| 167.5° | 461.0 | 460.9 | 461.1 | 461.3 | 461.5 | 461.7 | 462.2 | 462.8 | 463.3 | 463.8 | 463.7 |
| 170° | 463.4 | 463.3 | 463.4 | 463.6 | 463.7 | 463.9 | 464.4 | 464.9 | 465.5 | 466.0 | 465.9 |
| 172.5° | 465.0 | 464.9 | 465.0 | 465.2 | 465.3 | 465.5 | 466.0 | 466.5 | 467.1 | 467.6 | 467.5 |
| 175° | 466.8 | 466.7 | 466.8 | 467.0 | 467.1 | 467.2 | 467.8 | 468.3 | 468.8 | 469.4 | 469.3 |
| 177.5° | 467.6 | 467.4 | 467.5 | 467.5 | 467.6 | 467.6 | 468.1 | 468.5 | 468.9 | 469.4 | 469.3 |
| 180° | 467.9 | 467.9 | 467.9 | 467.9 | 467.9 | 467.9 | 467.9 | 467.9 | 467.9 | 467.9 | 467.9 |



TEST NUMBER: P331555-927

CATALOG NUMBER: S122DIW-S865D435U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1367.7 | 1367.7 | 1367.7 | 1367.7 | 1367.7 | 1367.7 | 1367.7 | 1367.7 | 1367.7 | 1367.7 | 1367.7 |
| 2.5° | 1311.8 | 1311.0 | 1311.0 | 1307.2 | 1311.0 | 1311.0 | 1311.8 | 1316.1 | 1317.2 | 1318.1 | 1316.4 |
| 5° | 1216.9 | 1215.3 | 1212.7 | 1215.3 | 1212.7 | 1215.3 | 1216.9 | 1224.2 | 1227.9 | 1231.6 | 1234.8 |
| 7.5° | 1123.0 | 1116.7 | 1115.7 | 1109.5 | 1115.7 | 1116.7 | 1123.0 | 1126.5 | 1133.9 | 1142.2 | 1149.7 |
| 10° | 1054.5 | 1050.3 | 1049.7 | 1039.7 | 1049.7 | 1050.3 | 1054.5 | 1063.4 | 1070.7 | 1080.8 | 1091.2 |
| 12.5° | 1002.3 | 992.2 | 994.2 | 988.4 | 994.2 | 992.2 | 1002.3 | 1002.4 | 1011.1 | 1017.2 | 1033.6 |
| 15° | 912.0 | 912.0 | 909.9 | 900.9 | 909.9 | 912.0 | 912.0 | 926.2 | 928.8 | 938.8 | 953.0 |
| 17.5° | 847.2 | 846.1 | 841.1 | 843.6 | 841.1 | 846.1 | 847.2 | 857.5 | 859.4 | 872.7 | 884.4 |
| 20° | 808.4 | 805.3 | 799.0 | 799.0 | 799.0 | 805.3 | 808.4 | 814.2 | 821.1 | 828.9 | 838.9 |
| 22.5° | 771.9 | 771.7 | 764.9 | 767.0 | 764.9 | 771.7 | 771.9 | 777.2 | 783.6 | 792.3 | 800.7 |
| 25° | 729.0 | 724.8 | 721.8 | 723.3 | 721.8 | 724.8 | 729.0 | 729.6 | 737.0 | 742.8 | 748.0 |
| 27.5° | 688.5 | 686.2 | 686.0 | 681.7 | 686.0 | 686.2 | 688.5 | 689.8 | 694.0 | 697.4 | 702.3 |
| 30° | 665.0 | 659.7 | 660.8 | 658.1 | 660.8 | 659.7 | 665.0 | 665.5 | 667.6 | 669.7 | 675.5 |
| 32.5° | 638.0 | 636.1 | 635.1 | 632.9 | 635.1 | 636.1 | 638.0 | 639.0 | 643.2 | 645.3 | 649.8 |
| 35° | 601.3 | 601.9 | 599.2 | 600.3 | 599.2 | 601.9 | 601.3 | 602.4 | 602.9 | 605.0 | 609.3 |
| 37.5° | 569.3 | 570.9 | 569.7 | 570.1 | 569.7 | 570.9 | 569.3 | 569.8 | 570.3 | 570.6 | 571.9 |
| 40° | 548.3 | 548.3 | 548.3 | 549.9 | 548.3 | 548.3 | 548.3 | 546.7 | 547.2 | 546.7 | 546.7 |
| 42.5° | 528.1 | 527.2 | 526.4 | 526.2 | 526.4 | 527.2 | 528.1 | 524.4 | 526.2 | 524.4 | 523.6 |
| 45° | 493.6 | 495.2 | 495.7 | 493.1 | 495.7 | 495.2 | 493.6 | 492.5 | 491.0 | 490.4 | 489.9 |
| 47.5° | 462.4 | 462.6 | 462.4 | 464.7 | 462.4 | 462.6 | 462.4 | 461.0 | 458.6 | 457.6 | 455.1 |
| 50° | 440.5 | 439.4 | 440.5 | 439.4 | 440.5 | 439.4 | 440.5 | 437.8 | 436.3 | 433.6 | 431.6 |
| 52.5° | 417.4 | 417.6 | 416.9 | 416.8 | 416.9 | 417.6 | 417.4 | 413.9 | 413.1 | 412.3 | 408.8 |
| 55° | 381.1 | 382.1 | 381.6 | 381.6 | 381.6 | 382.1 | 381.1 | 379.0 | 378.5 | 375.3 | 372.2 |
| 57.5° | 343.6 | 344.5 | 345.2 | 342.9 | 345.2 | 344.5 | 343.6 | 343.3 | 342.9 | 339.6 | 336.2 |
| 60° | 317.5 | 320.1 | 319.6 | 318.5 | 319.6 | 320.1 | 317.5 | 318.0 | 316.5 | 314.3 | 312.2 |
| 62.5° | 293.5 | 294.5 | 294.4 | 294.1 | 294.4 | 294.5 | 293.5 | 291.1 | 290.3 | 288.3 | 286.1 |
| 65° | 256.5 | 257.5 | 256.0 | 257.5 | 256.0 | 257.5 | 256.5 | 254.9 | 251.3 | 250.2 | 248.1 |
| 67.5° | 216.7 | 217.0 | 218.2 | 218.9 | 218.2 | 217.0 | 216.7 | 217.3 | 214.9 | 212.9 | 212.5 |
| 70° | 191.9 | 191.3 | 192.9 | 194.5 | 192.9 | 191.3 | 191.9 | 190.8 | 189.3 | 187.7 | 185.5 |
| 72.5° | 165.8 | 166.9 | 166.4 | 167.5 | 166.4 | 166.9 | 165.8 | 166.0 | 164.5 | 162.4 | 160.3 |
| 75° | 127.7 | 129.3 | 128.8 | 130.4 | 128.8 | 129.3 | 127.7 | 128.8 | 127.7 | 125.6 | 123.5 |
| 77.5° | 92.3 | 92.5 | 92.3 | 93.2 | 92.3 | 92.5 | 92.3 | 93.2 | 92.0 | 92.7 | 90.3 |
| 80° | 70.4 | 69.4 | 68.4 | 70.4 | 68.4 | 69.4 | 70.4 | 70.4 | 68.8 | 70.4 | 68.8 |
| 82.5° | 49.0 | 49.6 | 48.6 | 48.6 | 48.6 | 49.6 | 49.0 | 50.2 | 49.5 | 50.2 | 48.6 |
| 85° | 22.6 | 22.1 | 21.0 | 21.0 | 21.0 | 22.1 | 22.6 | 22.6 | 24.2 | 23.1 | 23.1 |
| 87.5° | 5.9 | 5.5 | 5.5 | 5.2 | 5.5 | 5.5 | 5.9 | 5.9 | 5.9 | 6.7 | 6.6 |
| 90° | 8.7 | 8.9 | 9.0 | 9.1 | 9.0 | 8.9 | 8.7 | 8.6 | 8.2 | 7.9 | 7.5 |
| 92.5° | 8.9 | 9.0 | 9.0 | 9.1 | 9.0 | 9.0 | 8.9 | 8.8 | 8.6 | 8.5 | 8.2 |
| 95° | 14.8 | 14.7 | 14.7 | 14.6 | 14.7 | 14.7 | 14.8 | 14.9 | 14.7 | 14.3 | 13.9 |
| 97.5° | 19.2 | 19.3 | 19.3 | 19.4 | 19.3 | 19.3 | 19.2 | 19.1 | 18.9 | 18.6 | 18.3 |
| 100° | 22.3 | 22.4 | 22.5 | 22.7 | 22.5 | 22.4 | 22.3 | 22.1 | 21.7 | 21.1 | 20.5 |
| 102.5° | 23.7 | 23.9 | 24.1 | 24.3 | 24.1 | 23.9 | 23.7 | 23.4 | 23.0 | 22.2 | 21.4 |
| 105° | 24.8 | 25.1 | 25.4 | 25.7 | 25.4 | 25.1 | 24.8 | 24.6 | 24.0 | 23.1 | 22.3 |
| 107.5° | 25.6 | 25.9 | 26.1 | 26.5 | 26.1 | 25.9 | 25.6 | 25.3 | 25.5 | 26.4 | 27.3 |
| 110° | 25.8 | 26.1 | 26.5 | 26.8 | 26.5 | 26.1 | 25.8 | 25.5 | 29.2 | 36.7 | 44.2 |



TEST NUMBER: P331555-927

CATALOG NUMBER: S122DIW-S865D435U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 26.3 | 26.5 | 26.8 | 27.0 | 26.8 | 26.5 | 26.3 | 26.1 | 39.7 | 67.1 | 94.6 |
| 115° | 44.0 | 38.6 | 33.2 | 27.7 | 33.2 | 38.6 | 44.0 | 49.4 | 69.6 | 104.4 | 139.3 |
| 117.5° | 166.8 | 148.9 | 131.2 | 113.4 | 131.2 | 148.9 | 166.8 | 184.6 | 197.6 | 206.1 | 214.5 |
| 120° | 237.0 | 226.9 | 216.7 | 206.5 | 216.7 | 226.9 | 237.0 | 247.2 | 251.8 | 250.9 | 250.0 |
| 122.5° | 263.6 | 261.7 | 259.7 | 257.7 | 259.7 | 261.7 | 263.6 | 265.6 | 266.3 | 265.8 | 265.2 |
| 125° | 288.8 | 289.1 | 289.3 | 289.5 | 289.3 | 289.1 | 288.8 | 288.6 | 288.2 | 287.7 | 287.2 |
| 127.5° | 309.4 | 309.4 | 309.5 | 309.5 | 309.5 | 309.4 | 309.4 | 309.3 | 309.0 | 308.2 | 307.4 |
| 130° | 322.3 | 322.2 | 322.1 | 322.0 | 322.1 | 322.2 | 322.3 | 322.3 | 321.9 | 321.1 | 320.3 |
| 132.5° | 334.4 | 334.3 | 334.3 | 334.2 | 334.3 | 334.3 | 334.4 | 334.5 | 334.1 | 333.4 | 332.8 |
| 135° | 352.3 | 352.1 | 352.0 | 351.8 | 352.0 | 352.1 | 352.3 | 352.4 | 352.1 | 351.3 | 350.6 |
| 137.5° | 368.6 | 368.4 | 368.1 | 367.8 | 368.1 | 368.4 | 368.6 | 368.8 | 368.6 | 367.9 | 367.2 |
| 140° | 379.0 | 378.6 | 378.3 | 377.9 | 378.3 | 378.6 | 379.0 | 379.4 | 379.2 | 378.6 | 377.9 |
| 142.5° | 388.7 | 388.4 | 388.0 | 387.6 | 388.0 | 388.4 | 388.7 | 389.1 | 389.0 | 388.4 | 387.8 |
| 145° | 402.3 | 402.0 | 401.6 | 401.2 | 401.6 | 402.0 | 402.3 | 402.7 | 402.7 | 402.1 | 401.6 |
| 147.5° | 414.2 | 413.8 | 413.5 | 413.2 | 413.5 | 413.8 | 414.2 | 414.5 | 414.5 | 414.1 | 413.7 |
| 150° | 421.7 | 421.3 | 420.9 | 420.6 | 420.9 | 421.3 | 421.7 | 422.1 | 422.0 | 421.5 | 421.1 |
| 152.5° | 428.3 | 427.8 | 427.2 | 426.7 | 427.2 | 427.8 | 428.3 | 428.7 | 428.8 | 428.3 | 427.9 |
| 155° | 437.2 | 436.7 | 436.0 | 435.5 | 436.0 | 436.7 | 437.2 | 437.8 | 437.9 | 437.4 | 437.0 |
| 157.5° | 445.1 | 444.5 | 443.9 | 443.4 | 443.9 | 444.5 | 445.1 | 445.7 | 445.8 | 445.2 | 444.7 |
| 160° | 449.6 | 449.0 | 448.5 | 448.0 | 448.5 | 449.0 | 449.6 | 450.0 | 450.1 | 449.6 | 449.2 |
| 162.5° | 453.7 | 453.0 | 452.4 | 451.8 | 452.4 | 453.0 | 453.7 | 454.3 | 454.4 | 453.9 | 453.4 |
| 165° | 459.0 | 458.5 | 458.0 | 457.4 | 458.0 | 458.5 | 459.0 | 459.5 | 459.5 | 459.0 | 458.5 |
| 167.5° | 463.0 | 462.4 | 461.7 | 461.1 | 461.7 | 462.4 | 463.0 | 463.7 | 463.8 | 463.3 | 462.8 |
| 170° | 465.2 | 464.5 | 463.9 | 463.2 | 463.9 | 464.5 | 465.2 | 465.9 | 466.0 | 465.5 | 464.9 |
| 172.5° | 466.8 | 466.2 | 465.5 | 464.9 | 465.5 | 466.2 | 466.8 | 467.5 | 467.6 | 467.1 | 466.5 |
| 175° | 468.5 | 467.8 | 467.0 | 466.3 | 467.0 | 467.8 | 468.5 | 469.3 | 469.4 | 468.8 | 468.3 |
| 177.5° | 468.7 | 468.2 | 467.6 | 467.1 | 467.6 | 468.2 | 468.7 | 469.3 | 469.4 | 468.9 | 468.5 |
| 180° | 467.9 | 467.9 | 467.9 | 467.9 | 467.9 | 467.9 | 467.9 | 467.9 | 467.9 | 467.9 | 467.9 |



TEST NUMBER: P331555-927

CATALOG NUMBER: S122DIW-S865D435U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1367.7 | 1367.7 | 1367.7 | 1367.7 | 1367.7 | 1367.7 | 1367.7 | 1367.7 | 1367.7 | 1367.7 | 1367.7 |
| 2.5° | 1314.3 | 1319.0 | 1326.1 | 1333.7 | 1338.3 | 1347.1 | 1349.6 | 1353.8 | 1357.6 | 1366.5 | 1375.7 |
| 5° | 1238.4 | 1245.8 | 1263.1 | 1272.6 | 1285.7 | 1301.0 | 1311.0 | 1321.5 | 1333.1 | 1353.0 | 1371.4 |
| 7.5° | 1157.1 | 1169.3 | 1190.9 | 1208.6 | 1227.2 | 1249.2 | 1265.0 | 1285.7 | 1303.0 | 1331.2 | 1358.0 |
| 10° | 1102.8 | 1120.1 | 1139.6 | 1160.6 | 1186.9 | 1210.1 | 1232.2 | 1258.4 | 1279.5 | 1313.0 | 1344.7 |
| 12.5° | 1054.0 | 1056.7 | 1084.5 | 1107.6 | 1143.6 | 1172.2 | 1197.6 | 1231.5 | 1252.1 | 1292.0 | 1325.2 |
| 15° | 968.8 | 984.5 | 1009.8 | 1028.2 | 1070.7 | 1107.0 | 1142.8 | 1178.0 | 1201.7 | 1251.0 | 1294.7 |
| 17.5° | 897.0 | 911.5 | 937.3 | 967.5 | 998.1 | 1034.2 | 1080.5 | 1117.5 | 1149.7 | 1206.2 | 1257.7 |
| 20° | 851.5 | 869.4 | 895.7 | 926.7 | 953.5 | 992.9 | 1032.9 | 1075.5 | 1110.2 | 1173.8 | 1234.2 |
| 22.5° | 812.9 | 827.0 | 848.2 | 878.8 | 908.1 | 944.2 | 987.9 | 1034.3 | 1070.6 | 1139.3 | 1200.6 |
| 25° | 758.5 | 770.1 | 783.7 | 809.0 | 842.1 | 881.5 | 915.7 | 966.7 | 1019.8 | 1083.9 | 1158.0 |
| 27.5° | 709.6 | 717.7 | 729.8 | 752.0 | 777.7 | 814.5 | 852.5 | 900.9 | 954.3 | 1023.9 | 1102.1 |
| 30° | 679.7 | 684.9 | 697.0 | 715.4 | 740.6 | 769.5 | 807.9 | 854.2 | 908.9 | 979.3 | 1057.1 |
| 32.5° | 653.6 | 658.5 | 666.3 | 683.9 | 705.8 | 730.5 | 765.0 | 811.3 | 863.4 | 932.6 | 1018.8 |
| 35° | 614.5 | 618.1 | 625.0 | 639.2 | 651.3 | 675.5 | 704.4 | 746.4 | 795.3 | 861.6 | 950.9 |
| 37.5° | 575.5 | 580.5 | 584.7 | 590.7 | 606.3 | 622.2 | 647.3 | 682.8 | 730.8 | 797.6 | 882.8 |
| 40° | 549.9 | 554.1 | 560.3 | 563.0 | 575.6 | 589.8 | 610.3 | 642.9 | 691.3 | 752.2 | 835.3 |
| 42.5° | 523.8 | 528.0 | 531.7 | 534.8 | 545.7 | 558.3 | 576.6 | 604.6 | 647.5 | 706.8 | 789.0 |
| 45° | 488.3 | 488.9 | 492.5 | 498.3 | 503.6 | 512.5 | 525.6 | 549.9 | 583.0 | 638.7 | 713.3 |
| 47.5° | 452.3 | 453.0 | 453.6 | 456.1 | 461.9 | 470.0 | 478.8 | 498.4 | 528.1 | 572.5 | 645.2 |
| 50° | 428.4 | 427.4 | 428.4 | 430.5 | 434.2 | 441.0 | 451.0 | 465.2 | 489.4 | 530.9 | 597.7 |
| 52.5° | 405.3 | 405.0 | 404.4 | 405.3 | 408.1 | 412.8 | 419.9 | 432.0 | 453.6 | 491.8 | 550.6 |
| 55° | 370.0 | 367.4 | 368.0 | 365.8 | 370.6 | 371.6 | 376.9 | 386.9 | 405.8 | 432.1 | 487.3 |
| 57.5° | 332.6 | 330.3 | 328.0 | 327.4 | 326.9 | 329.8 | 334.0 | 341.9 | 356.4 | 379.4 | 424.2 |
| 60° | 308.6 | 305.9 | 302.8 | 301.7 | 301.7 | 303.3 | 305.4 | 311.2 | 324.9 | 345.4 | 382.1 |
| 62.5° | 284.2 | 281.1 | 279.2 | 276.5 | 275.7 | 277.3 | 279.3 | 283.4 | 293.3 | 312.5 | 344.3 |
| 65° | 246.5 | 242.9 | 240.2 | 239.7 | 238.7 | 237.1 | 238.1 | 242.3 | 250.2 | 265.5 | 290.7 |
| 67.5° | 208.8 | 205.3 | 204.7 | 201.6 | 200.2 | 200.3 | 200.2 | 203.7 | 208.5 | 221.7 | 240.4 |
| 70° | 183.9 | 181.3 | 180.3 | 177.7 | 176.7 | 175.5 | 174.5 | 177.7 | 182.4 | 193.5 | 209.8 |
| 72.5° | 158.8 | 156.5 | 154.2 | 152.0 | 152.3 | 151.1 | 151.0 | 152.9 | 156.8 | 166.9 | 179.4 |
| 75° | 122.5 | 123.0 | 120.4 | 117.7 | 117.2 | 116.1 | 116.1 | 117.7 | 119.3 | 127.2 | 137.2 |
| 77.5° | 88.8 | 88.4 | 86.2 | 85.4 | 84.8 | 83.7 | 84.8 | 85.9 | 86.7 | 92.0 | 99.3 |
| 80° | 67.8 | 67.8 | 65.2 | 65.2 | 64.6 | 63.1 | 64.6 | 63.6 | 65.7 | 71.0 | 76.2 |
| 82.5° | 48.5 | 47.6 | 47.5 | 46.7 | 46.6 | 45.4 | 46.2 | 47.2 | 48.0 | 51.7 | 54.7 |
| 85° | 23.7 | 23.7 | 23.1 | 22.6 | 23.1 | 22.6 | 23.1 | 23.7 | 24.2 | 25.7 | 28.4 |
| 87.5° | 6.5 | 6.8 | 7.1 | 7.4 | 7.3 | 7.6 | 7.8 | 8.2 | 8.8 | 9.0 | 9.3 |
| 90° | 7.1 | 6.7 | 6.2 | 5.5 | 5.0 | 4.4 | 3.6 | 2.9 | 2.0 | 1.2 | 0.3 |
| 92.5° | 8.1 | 7.8 | 7.5 | 7.3 | 7.0 | 6.7 | 6.6 | 6.6 | 6.7 | 6.7 | 6.8 |
| 95° | 13.5 | 13.2 | 12.7 | 12.1 | 11.6 | 11.1 | 12.0 | 14.6 | 17.0 | 19.5 | 22.0 |
| 97.5° | 18.0 | 17.7 | 16.5 | 15.2 | 14.0 | 12.8 | 15.7 | 22.7 | 29.7 | 36.7 | 43.6 |
| 100° | 19.9 | 19.3 | 18.0 | 16.7 | 15.4 | 14.2 | 18.7 | 29.0 | 39.3 | 49.6 | 60.0 |
| 102.5° | 20.6 | 19.8 | 30.6 | 41.3 | 52.0 | 62.7 | 69.1 | 71.3 | 73.4 | 75.7 | 77.8 |
| 105° | 21.5 | 20.7 | 41.2 | 61.7 | 82.3 | 102.8 | 111.9 | 109.7 | 107.4 | 105.2 | 102.9 |
| 107.5° | 28.0 | 28.9 | 53.6 | 78.2 | 102.8 | 127.5 | 138.9 | 137.0 | 135.2 | 133.4 | 131.6 |
| 110° | 51.7 | 59.3 | 81.0 | 102.7 | 124.5 | 146.2 | 156.3 | 154.7 | 153.1 | 151.5 | 150.0 |



TEST NUMBER: P331555-927

CATALOG NUMBER: S122DIW-S865D435U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 122.0 | 149.5 | 154.8 | 160.2 | 165.6 | 171.0 | 172.9 | 171.5 | 170.2 | 168.7 | 167.3 |
| 115° | 174.0 | 208.9 | 207.0 | 205.2 | 203.3 | 201.4 | 199.8 | 198.5 | 197.3 | 196.0 | 194.7 |
| 117.5° | 223.0 | 231.4 | 230.1 | 228.8 | 227.5 | 226.2 | 224.8 | 223.4 | 222.0 | 220.5 | 219.1 |
| 120° | 249.1 | 248.2 | 246.8 | 245.5 | 244.2 | 242.8 | 241.5 | 240.4 | 239.2 | 238.1 | 237.0 |
| 122.5° | 264.7 | 264.2 | 262.7 | 261.2 | 259.8 | 258.3 | 256.9 | 255.7 | 254.5 | 253.3 | 252.2 |
| 125° | 286.6 | 286.1 | 284.7 | 283.3 | 281.9 | 280.4 | 279.2 | 278.2 | 277.3 | 276.2 | 275.3 |
| 127.5° | 306.7 | 305.9 | 304.8 | 303.7 | 302.7 | 301.6 | 300.6 | 299.4 | 298.3 | 297.3 | 296.2 |
| 130° | 319.4 | 318.6 | 317.8 | 317.0 | 316.2 | 315.3 | 314.3 | 313.1 | 311.9 | 310.7 | 309.5 |
| 132.5° | 332.1 | 331.4 | 330.5 | 329.7 | 328.8 | 328.0 | 327.1 | 326.1 | 325.0 | 324.0 | 323.1 |
| 135° | 349.8 | 349.1 | 348.4 | 347.8 | 347.1 | 346.3 | 345.5 | 344.2 | 343.0 | 341.8 | 340.6 |
| 137.5° | 366.4 | 365.7 | 364.9 | 364.2 | 363.4 | 362.6 | 361.8 | 361.0 | 360.1 | 359.3 | 358.5 |
| 140° | 377.2 | 376.5 | 375.7 | 374.9 | 374.1 | 373.2 | 372.5 | 371.9 | 371.3 | 370.7 | 370.1 |
| 142.5° | 387.1 | 386.5 | 385.6 | 384.6 | 383.7 | 382.8 | 382.0 | 381.4 | 380.9 | 380.4 | 379.9 |
| 145° | 401.1 | 400.5 | 399.3 | 398.0 | 396.7 | 395.5 | 394.8 | 394.9 | 395.0 | 395.1 | 395.1 |
| 147.5° | 413.3 | 412.9 | 411.6 | 410.4 | 409.1 | 407.8 | 407.3 | 407.7 | 407.9 | 408.2 | 408.4 |
| 150° | 420.6 | 420.2 | 419.0 | 417.8 | 416.6 | 415.3 | 415.0 | 415.6 | 416.1 | 416.6 | 417.2 |
| 152.5° | 427.4 | 427.0 | 425.8 | 424.7 | 423.5 | 422.4 | 422.1 | 422.7 | 423.3 | 423.9 | 424.5 |
| 155° | 436.6 | 436.1 | 435.2 | 434.3 | 433.4 | 432.5 | 432.4 | 433.1 | 433.7 | 434.4 | 435.1 |
| 157.5° | 444.2 | 443.7 | 443.1 | 442.4 | 441.8 | 441.2 | 441.2 | 441.7 | 442.3 | 442.8 | 443.4 |
| 160° | 448.8 | 448.3 | 447.8 | 447.4 | 446.9 | 446.5 | 446.5 | 446.9 | 447.4 | 447.8 | 448.3 |
| 162.5° | 452.9 | 452.3 | 451.9 | 451.5 | 451.1 | 450.8 | 450.8 | 451.3 | 451.7 | 452.2 | 452.7 |
| 165° | 458.0 | 457.4 | 457.2 | 457.0 | 456.8 | 456.5 | 456.6 | 457.1 | 457.6 | 458.0 | 458.4 |
| 167.5° | 462.2 | 461.7 | 461.5 | 461.3 | 461.1 | 460.9 | 461.0 | 461.4 | 461.9 | 462.3 | 462.8 |
| 170° | 464.4 | 463.9 | 463.7 | 463.6 | 463.4 | 463.3 | 463.4 | 463.9 | 464.3 | 464.8 | 465.2 |
| 172.5° | 466.0 | 465.5 | 465.3 | 465.2 | 465.0 | 464.9 | 465.0 | 465.5 | 466.0 | 466.4 | 466.8 |
| 175° | 467.8 | 467.2 | 467.1 | 467.0 | 466.8 | 466.7 | 466.8 | 467.4 | 467.9 | 468.4 | 469.0 |
| 177.5° | 468.1 | 467.6 | 467.6 | 467.5 | 467.5 | 467.4 | 467.6 | 468.0 | 468.4 | 468.9 | 469.3 |
| 180° | 467.9 | 467.9 | 467.9 | 467.9 | 467.9 | 467.9 | 467.9 | 467.9 | 467.9 | 467.9 | 467.9 |



TEST NUMBER: P331555-927

CATALOG NUMBER: S122DIW-S865D435U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1367.7 | 1367.7 | 1367.7 | 1367.7 | 1367.7 | 1367.7 | 1367.7 | 1367.7 | 1367.7 | 1367.7 | 1367.7 |
| 2.5° | 1374.9 | 1377.0 | 1383.7 | 1390.4 | 1398.0 | 1400.1 | 1403.5 | 1400.6 | 1399.7 | 1407.7 | 1413.6 |
| 5° | 1378.8 | 1388.2 | 1406.7 | 1423.5 | 1437.7 | 1447.6 | 1458.2 | 1462.4 | 1470.2 | 1481.3 | 1494.9 |
| 7.5° | 1374.4 | 1392.7 | 1421.7 | 1446.2 | 1472.9 | 1492.1 | 1507.1 | 1520.0 | 1535.6 | 1556.5 | 1579.3 |
| 10° | 1369.3 | 1394.0 | 1429.3 | 1459.2 | 1491.8 | 1516.5 | 1537.0 | 1557.0 | 1580.1 | 1609.0 | 1638.9 |
| 12.5° | 1360.1 | 1389.4 | 1433.5 | 1468.9 | 1510.7 | 1535.0 | 1562.7 | 1605.8 | 1630.5 | 1670.9 | 1713.0 |
| 15° | 1341.5 | 1374.0 | 1435.5 | 1479.2 | 1526.5 | 1572.7 | 1623.7 | 1664.8 | 1705.7 | 1729.4 | 1788.8 |
| 17.5° | 1313.8 | 1361.7 | 1429.7 | 1480.7 | 1540.8 | 1613.7 | 1671.0 | 1717.4 | 1764.7 | 1803.1 | 1832.9 |
| 20° | 1291.5 | 1343.5 | 1421.3 | 1482.3 | 1553.8 | 1632.1 | 1697.9 | 1745.2 | 1786.1 | 1818.2 | 1836.6 |
| 22.5° | 1263.4 | 1328.8 | 1404.5 | 1476.0 | 1567.3 | 1644.7 | 1713.8 | 1751.0 | 1785.3 | 1800.9 | 1808.0 |
| 25° | 1219.0 | 1297.8 | 1383.5 | 1470.8 | 1573.8 | 1655.8 | 1718.9 | 1741.5 | 1751.4 | 1736.2 | 1711.0 |
| 27.5° | 1171.2 | 1259.0 | 1359.2 | 1460.9 | 1569.8 | 1648.6 | 1693.8 | 1690.3 | 1673.3 | 1624.1 | 1584.6 |
| 30° | 1135.4 | 1232.2 | 1339.9 | 1450.8 | 1560.1 | 1636.9 | 1663.2 | 1636.9 | 1598.5 | 1543.3 | 1487.1 |
| 32.5° | 1098.0 | 1198.1 | 1319.3 | 1436.5 | 1542.5 | 1610.0 | 1615.7 | 1570.4 | 1511.0 | 1448.3 | 1378.2 |
| 35° | 1041.3 | 1149.6 | 1280.5 | 1404.5 | 1504.9 | 1547.5 | 1522.3 | 1442.4 | 1372.0 | 1286.3 | 1190.6 |
| 37.5° | 977.3 | 1096.9 | 1228.1 | 1357.7 | 1448.7 | 1459.8 | 1397.2 | 1313.0 | 1213.7 | 1113.0 | 1000.4 |
| 40° | 929.4 | 1056.1 | 1191.1 | 1322.0 | 1402.4 | 1390.8 | 1311.0 | 1218.5 | 1100.2 | 977.2 | 872.6 |
| 42.5° | 886.5 | 1013.1 | 1150.7 | 1279.1 | 1343.5 | 1311.8 | 1218.5 | 1104.9 | 977.8 | 862.0 | 766.2 |
| 45° | 812.1 | 942.5 | 1083.4 | 1207.4 | 1244.2 | 1186.9 | 1063.4 | 937.2 | 812.1 | 715.4 | 639.7 |
| 47.5° | 740.0 | 868.9 | 1008.4 | 1117.5 | 1130.4 | 1053.4 | 918.4 | 788.6 | 681.0 | 602.3 | 548.9 |
| 50° | 687.1 | 816.3 | 954.6 | 1051.9 | 1047.6 | 954.6 | 815.8 | 692.3 | 602.4 | 538.8 | 503.0 |
| 52.5° | 639.5 | 761.7 | 894.5 | 982.9 | 960.6 | 859.1 | 726.7 | 617.0 | 543.1 | 493.4 | 461.0 |
| 55° | 565.6 | 678.6 | 804.8 | 875.8 | 834.7 | 722.2 | 610.3 | 522.0 | 467.3 | 430.0 | 404.7 |
| 57.5° | 492.2 | 598.2 | 706.2 | 749.9 | 704.6 | 600.7 | 507.4 | 443.3 | 402.2 | 374.5 | 358.1 |
| 60° | 446.8 | 539.3 | 635.5 | 673.4 | 619.2 | 526.7 | 453.1 | 395.9 | 362.7 | 340.1 | 325.3 |
| 62.5° | 401.4 | 484.3 | 575.0 | 595.6 | 546.1 | 467.9 | 402.7 | 355.1 | 327.8 | 307.7 | 293.8 |
| 65° | 339.6 | 407.3 | 476.3 | 489.9 | 444.2 | 383.7 | 332.2 | 301.2 | 277.0 | 262.3 | 251.3 |
| 67.5° | 278.5 | 333.0 | 381.8 | 392.8 | 352.7 | 310.8 | 273.5 | 246.5 | 230.1 | 217.9 | 208.6 |
| 70° | 242.3 | 285.4 | 325.3 | 334.3 | 302.2 | 264.9 | 236.5 | 215.0 | 200.3 | 189.7 | 180.9 |
| 72.5° | 204.1 | 240.0 | 273.2 | 279.2 | 253.0 | 224.6 | 201.2 | 184.3 | 171.3 | 164.5 | 156.0 |
| 75° | 156.1 | 177.1 | 202.9 | 204.5 | 187.1 | 169.8 | 151.9 | 140.9 | 134.0 | 125.6 | 121.4 |
| 77.5° | 110.2 | 126.7 | 141.4 | 144.3 | 134.0 | 122.2 | 112.2 | 103.5 | 97.7 | 93.8 | 89.9 |
| 80° | 84.1 | 97.3 | 103.5 | 107.3 | 99.9 | 91.5 | 85.7 | 79.9 | 76.2 | 73.6 | 71.0 |
| 82.5° | 60.1 | 68.2 | 74.1 | 76.9 | 73.0 | 67.9 | 62.1 | 58.9 | 56.0 | 53.8 | 52.9 |
| 85° | 30.5 | 34.1 | 37.9 | 38.9 | 37.9 | 35.7 | 32.6 | 32.6 | 31.0 | 30.5 | 30.5 |
| 87.5° | 10.8 | 12.6 | 12.8 | 14.2 | 13.5 | 13.6 | 13.7 | 13.5 | 13.2 | 12.8 | 12.4 |
| 90° | 1.2 | 2.0 | 2.9 | 3.6 | 4.4 | 5.0 | 5.5 | 6.2 | 6.7 | 7.1 | 7.5 |
| 92.5° | 6.7 | 6.7 | 6.6 | 6.6 | 6.7 | 7.0 | 7.3 | 7.5 | 7.8 | 8.1 | 8.2 |
| 95° | 19.5 | 17.0 | 14.6 | 12.0 | 11.1 | 11.6 | 12.1 | 12.7 | 13.2 | 13.5 | 13.9 |
| 97.5° | 36.7 | 29.7 | 22.7 | 15.7 | 12.8 | 14.0 | 15.2 | 16.5 | 17.7 | 18.0 | 18.3 |
| 100° | 49.6 | 39.3 | 29.0 | 18.7 | 14.2 | 15.4 | 16.7 | 18.0 | 19.3 | 19.9 | 20.5 |
| 102.5° | 75.7 | 73.4 | 71.3 | 69.1 | 62.7 | 52.0 | 41.3 | 30.6 | 19.8 | 20.6 | 21.4 |
| 105° | 105.2 | 107.4 | 109.7 | 111.9 | 102.8 | 82.3 | 61.7 | 41.2 | 20.7 | 21.5 | 22.3 |
| 107.5° | 133.4 | 135.2 | 137.0 | 138.9 | 127.5 | 102.8 | 78.2 | 53.6 | 28.9 | 28.0 | 27.3 |
| 110° | 151.5 | 153.1 | 154.7 | 156.3 | 146.2 | 124.5 | 102.7 | 81.0 | 59.3 | 51.7 | 44.2 |



TEST NUMBER: P331555-927

CATALOG NUMBER: S122DIW-S865D435U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 168.7 | 170.2 | 171.5 | 172.9 | 171.0 | 165.6 | 160.2 | 154.8 | 149.5 | 122.0 | 94.6 |
| 115° | 196.0 | 197.3 | 198.5 | 199.8 | 201.4 | 203.3 | 205.2 | 207.0 | 208.9 | 174.0 | 139.3 |
| 117.5° | 220.5 | 222.0 | 223.4 | 224.8 | 226.2 | 227.5 | 228.8 | 230.1 | 231.4 | 223.0 | 214.5 |
| 120° | 238.1 | 239.2 | 240.4 | 241.5 | 242.8 | 244.2 | 245.5 | 246.8 | 248.2 | 249.1 | 250.0 |
| 122.5° | 253.3 | 254.5 | 255.7 | 256.9 | 258.3 | 259.8 | 261.2 | 262.7 | 264.2 | 264.7 | 265.2 |
| 125° | 276.2 | 277.3 | 278.2 | 279.2 | 280.4 | 281.9 | 283.3 | 284.7 | 286.1 | 286.6 | 287.2 |
| 127.5° | 297.3 | 298.3 | 299.4 | 300.6 | 301.6 | 302.7 | 303.7 | 304.8 | 305.9 | 306.7 | 307.4 |
| 130° | 310.7 | 311.9 | 313.1 | 314.3 | 315.3 | 316.2 | 317.0 | 317.8 | 318.6 | 319.4 | 320.3 |
| 132.5° | 324.0 | 325.0 | 326.1 | 327.1 | 328.0 | 328.8 | 329.7 | 330.5 | 331.4 | 332.1 | 332.8 |
| 135° | 341.8 | 343.0 | 344.2 | 345.5 | 346.3 | 347.1 | 347.8 | 348.4 | 349.1 | 349.8 | 350.6 |
| 137.5° | 359.3 | 360.1 | 361.0 | 361.8 | 362.6 | 363.4 | 364.2 | 364.9 | 365.7 | 366.4 | 367.2 |
| 140° | 370.7 | 371.3 | 371.9 | 372.5 | 373.2 | 374.1 | 374.9 | 375.7 | 376.5 | 377.2 | 377.9 |
| 142.5° | 380.4 | 380.9 | 381.4 | 382.0 | 382.8 | 383.7 | 384.6 | 385.6 | 386.5 | 387.1 | 387.8 |
| 145° | 395.1 | 395.0 | 394.9 | 394.8 | 395.5 | 396.7 | 398.0 | 399.3 | 400.5 | 401.1 | 401.6 |
| 147.5° | 408.2 | 407.9 | 407.7 | 407.3 | 407.8 | 409.1 | 410.4 | 411.6 | 412.9 | 413.3 | 413.7 |
| 150° | 416.6 | 416.1 | 415.6 | 415.0 | 415.3 | 416.6 | 417.8 | 419.0 | 420.2 | 420.6 | 421.1 |
| 152.5° | 423.9 | 423.3 | 422.7 | 422.1 | 422.4 | 423.5 | 424.7 | 425.8 | 427.0 | 427.4 | 427.9 |
| 155° | 434.4 | 433.7 | 433.1 | 432.4 | 432.5 | 433.4 | 434.3 | 435.2 | 436.1 | 436.6 | 437.0 |
| 157.5° | 442.8 | 442.3 | 441.7 | 441.2 | 441.2 | 441.8 | 442.4 | 443.1 | 443.7 | 444.2 | 444.7 |
| 160° | 447.8 | 447.4 | 446.9 | 446.5 | 446.5 | 446.9 | 447.4 | 447.8 | 448.3 | 448.8 | 449.2 |
| 162.5° | 452.2 | 451.7 | 451.3 | 450.8 | 450.8 | 451.1 | 451.5 | 451.9 | 452.3 | 452.9 | 453.4 |
| 165° | 458.0 | 457.6 | 457.1 | 456.6 | 456.5 | 456.8 | 457.0 | 457.2 | 457.4 | 458.0 | 458.5 |
| 167.5° | 462.3 | 461.9 | 461.4 | 461.0 | 460.9 | 461.1 | 461.3 | 461.5 | 461.7 | 462.2 | 462.8 |
| 170° | 464.8 | 464.3 | 463.9 | 463.4 | 463.3 | 463.4 | 463.6 | 463.7 | 463.9 | 464.4 | 464.9 |
| 172.5° | 466.4 | 466.0 | 465.5 | 465.0 | 464.9 | 465.0 | 465.2 | 465.3 | 465.5 | 466.0 | 466.5 |
| 175° | 468.4 | 467.9 | 467.4 | 466.8 | 466.7 | 466.8 | 467.0 | 467.1 | 467.2 | 467.8 | 468.3 |
| 177.5° | 468.9 | 468.4 | 468.0 | 467.6 | 467.4 | 467.5 | 467.5 | 467.6 | 467.6 | 468.1 | 468.5 |
| 180° | 467.9 | 467.9 | 467.9 | 467.9 | 467.9 | 467.9 | 467.9 | 467.9 | 467.9 | 467.9 | 467.9 |



TEST NUMBER: P331555-927

CATALOG NUMBER: S122DIW-S865D435U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1367.7 | 1367.7 | 1367.7 | 1367.7 | 1367.7 | 1367.7 | 1367.7 |
| 2.5° | 1418.6 | 1424.5 | 1424.5 | 1425.4 | 1432.1 | 1431.2 | 1430.8 |
| 5° | 1509.7 | 1518.6 | 1519.6 | 1529.1 | 1535.4 | 1533.3 | 1527.6 |
| 7.5° | 1595.5 | 1612.2 | 1624.8 | 1631.8 | 1640.1 | 1645.3 | 1643.0 |
| 10° | 1663.7 | 1687.8 | 1702.6 | 1712.5 | 1724.7 | 1733.6 | 1730.4 |
| 12.5° | 1725.5 | 1754.3 | 1774.5 | 1791.6 | 1793.2 | 1804.7 | 1796.9 |
| 15° | 1821.9 | 1852.4 | 1855.5 | 1868.1 | 1878.2 | 1877.1 | 1877.6 |
| 17.5° | 1853.8 | 1863.5 | 1865.5 | 1865.8 | 1866.0 | 1862.3 | 1854.3 |
| 20° | 1842.4 | 1838.7 | 1829.8 | 1823.0 | 1810.8 | 1809.3 | 1798.8 |
| 22.5° | 1788.6 | 1776.9 | 1754.5 | 1739.7 | 1720.9 | 1715.9 | 1713.0 |
| 25° | 1682.6 | 1656.8 | 1621.1 | 1586.9 | 1577.5 | 1559.1 | 1564.3 |
| 27.5° | 1537.2 | 1497.1 | 1458.3 | 1430.6 | 1405.5 | 1377.9 | 1385.8 |
| 30° | 1435.0 | 1389.8 | 1335.1 | 1293.1 | 1266.3 | 1240.0 | 1235.2 |
| 32.5° | 1313.0 | 1246.8 | 1185.9 | 1148.8 | 1107.8 | 1091.2 | 1072.9 |
| 35° | 1102.8 | 1038.2 | 977.7 | 925.7 | 895.7 | 872.6 | 851.5 |
| 37.5° | 913.7 | 839.2 | 790.4 | 748.3 | 726.7 | 713.4 | 716.8 |
| 40° | 796.4 | 731.2 | 695.5 | 663.4 | 643.4 | 633.9 | 636.0 |
| 42.5° | 701.3 | 652.5 | 623.1 | 601.1 | 587.0 | 581.8 | 580.5 |
| 45° | 593.4 | 566.1 | 541.9 | 529.3 | 522.5 | 516.7 | 513.0 |
| 47.5° | 519.8 | 497.6 | 483.9 | 476.4 | 470.5 | 464.5 | 464.5 |
| 50° | 475.7 | 461.0 | 451.5 | 443.6 | 438.9 | 434.7 | 438.4 |
| 52.5° | 442.0 | 428.6 | 419.1 | 412.1 | 410.4 | 406.5 | 406.5 |
| 55° | 392.1 | 381.6 | 374.8 | 368.4 | 365.4 | 363.2 | 360.6 |
| 57.5° | 346.7 | 336.8 | 330.4 | 326.5 | 320.4 | 318.3 | 317.5 |
| 60° | 314.3 | 306.4 | 300.2 | 294.9 | 292.2 | 288.0 | 288.0 |
| 62.5° | 284.5 | 276.6 | 270.7 | 266.7 | 262.4 | 260.7 | 261.2 |
| 65° | 241.3 | 235.0 | 229.2 | 225.0 | 223.9 | 220.8 | 221.8 |
| 67.5° | 201.5 | 197.3 | 191.2 | 188.9 | 187.0 | 185.2 | 183.9 |
| 70° | 175.1 | 170.9 | 167.7 | 164.5 | 163.0 | 163.0 | 163.0 |
| 72.5° | 152.7 | 147.7 | 145.8 | 141.8 | 142.8 | 141.1 | 139.4 |
| 75° | 118.3 | 115.1 | 113.5 | 111.9 | 109.3 | 109.3 | 109.3 |
| 77.5° | 87.1 | 86.1 | 84.2 | 82.5 | 81.9 | 81.4 | 81.6 |
| 80° | 67.3 | 66.8 | 65.7 | 65.7 | 64.6 | 64.2 | 63.1 |
| 82.5° | 51.7 | 50.4 | 49.7 | 49.3 | 49.1 | 49.0 | 48.8 |
| 85° | 29.5 | 28.4 | 28.4 | 28.9 | 27.9 | 27.9 | 28.4 |
| 87.5° | 12.9 | 13.0 | 12.7 | 12.7 | 13.2 | 12.8 | 12.8 |
| 90° | 7.9 | 8.2 | 8.6 | 8.7 | 8.9 | 9.0 | 9.1 |
| 92.5° | 8.5 | 8.6 | 8.8 | 8.9 | 9.0 | 9.0 | 9.1 |
| 95° | 14.3 | 14.7 | 14.9 | 14.8 | 14.7 | 14.7 | 14.6 |
| 97.5° | 18.6 | 18.9 | 19.1 | 19.2 | 19.3 | 19.3 | 19.4 |
| 100° | 21.1 | 21.7 | 22.1 | 22.3 | 22.4 | 22.5 | 22.7 |
| 102.5° | 22.2 | 23.0 | 23.4 | 23.7 | 23.9 | 24.1 | 24.3 |
| 105° | 23.1 | 24.0 | 24.6 | 24.8 | 25.1 | 25.4 | 25.7 |
| 107.5° | 26.4 | 25.5 | 25.3 | 25.6 | 25.9 | 26.1 | 26.5 |
| 110° | 36.7 | 29.2 | 25.5 | 25.8 | 26.1 | 26.5 | 26.8 |



TEST NUMBER: P331555-927

CATALOG NUMBER: S122DIW-S865D435U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 67.1 | 39.7 | 26.1 | 26.3 | 26.5 | 26.8 | 27.0 |
| 115° | 104.4 | 69.6 | 49.4 | 44.0 | 38.6 | 33.2 | 27.7 |
| 117.5° | 206.1 | 197.6 | 184.6 | 166.8 | 148.9 | 131.2 | 113.4 |
| 120° | 250.9 | 251.8 | 247.2 | 237.0 | 226.9 | 216.7 | 206.5 |
| 122.5° | 265.8 | 266.3 | 265.6 | 263.6 | 261.7 | 259.7 | 257.7 |
| 125° | 287.7 | 288.2 | 288.6 | 288.8 | 289.1 | 289.3 | 289.5 |
| 127.5° | 308.2 | 309.0 | 309.3 | 309.4 | 309.4 | 309.5 | 309.5 |
| 130° | 321.1 | 321.9 | 322.3 | 322.3 | 322.2 | 322.1 | 322.0 |
| 132.5° | 333.4 | 334.1 | 334.5 | 334.4 | 334.3 | 334.3 | 334.2 |
| 135° | 351.3 | 352.1 | 352.4 | 352.3 | 352.1 | 352.0 | 351.8 |
| 137.5° | 367.9 | 368.6 | 368.8 | 368.6 | 368.4 | 368.1 | 367.8 |
| 140° | 378.6 | 379.2 | 379.4 | 379.0 | 378.6 | 378.3 | 377.9 |
| 142.5° | 388.4 | 389.0 | 389.1 | 388.7 | 388.4 | 388.0 | 387.6 |
| 145° | 402.1 | 402.7 | 402.7 | 402.3 | 402.0 | 401.6 | 401.2 |
| 147.5° | 414.1 | 414.5 | 414.5 | 414.2 | 413.8 | 413.5 | 413.2 |
| 150° | 421.5 | 422.0 | 422.1 | 421.7 | 421.3 | 420.9 | 420.6 |
| 152.5° | 428.3 | 428.8 | 428.7 | 428.3 | 427.8 | 427.2 | 426.7 |
| 155° | 437.4 | 437.9 | 437.8 | 437.2 | 436.7 | 436.0 | 435.5 |
| 157.5° | 445.2 | 445.8 | 445.7 | 445.1 | 444.5 | 443.9 | 443.4 |
| 160° | 449.6 | 450.1 | 450.0 | 449.6 | 449.0 | 448.5 | 448.0 |
| 162.5° | 453.9 | 454.4 | 454.3 | 453.7 | 453.0 | 452.4 | 451.8 |
| 165° | 459.0 | 459.5 | 459.5 | 459.0 | 458.5 | 458.0 | 457.4 |
| 167.5° | 463.3 | 463.8 | 463.7 | 463.0 | 462.4 | 461.7 | 461.1 |
| 170° | 465.5 | 466.0 | 465.9 | 465.2 | 464.5 | 463.9 | 463.2 |
| 172.5° | 467.1 | 467.6 | 467.5 | 466.8 | 466.2 | 465.5 | 464.9 |
| 175° | 468.8 | 469.4 | 469.3 | 468.5 | 467.8 | 467.0 | 466.3 |
| 177.5° | 468.9 | 469.4 | 469.3 | 468.7 | 468.2 | 467.6 | 467.1 |
| 180° | 467.9 | 467.9 | 467.9 | 467.9 | 467.9 | 467.9 | 467.9 |

(END OF REPORT)