

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: P331384-840

Luminaire Tested: **S122DIP-S865D530U840-4F0-1E-UDD-A**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P331384-840
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: S122DIP-S865D530U840-4F0-1E-UDD-A
Description: DEFINE 2 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 865 LUMENS PER FOOT, ASYMMETRIC DIFFUSER
UPLIGHT 530 LUMENS PER FOOT, NO LENS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5982.9 lumens
Efficiency: N/A
Efficacy: 122.6 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

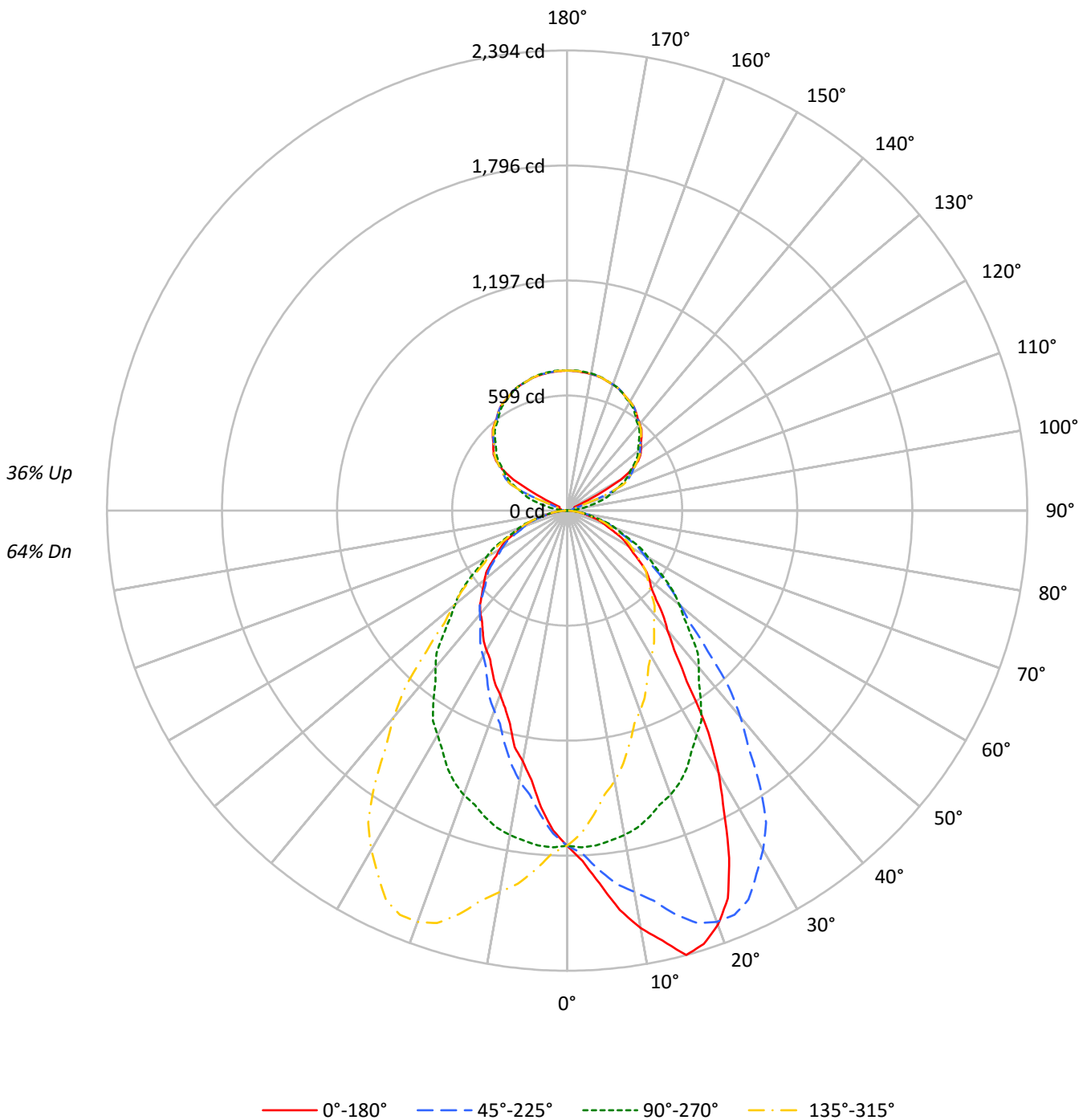
Input Watts (W): 48.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P331384-840

CATALOG NUMBER: S122DIP-S865D530U840-4F0-1E-UDD-A

Luminous Intensity Polar Plot





TEST NUMBER: P331384-840

CATALOG NUMBER: S122DIP-S865D530U840-4F0-1E-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 | 111 | 111 | 111 | 111 | 104 | 104 | 104 | 104 | 91 | 91 | 91 | 80 | 80 | 80 | 69 | 69 | 69 | 64 |
| 1 | 102 | 97 | 94 | 90 | 95 | 92 | 88 | 86 | 81 | 79 | 76 | 71 | 69 | 68 | 62 | 61 | 60 | 55 |
| 2 | 93 | 86 | 80 | 75 | 87 | 81 | 76 | 71 | 72 | 68 | 64 | 63 | 60 | 58 | 56 | 53 | 51 | 47 |
| 3 | 85 | 76 | 69 | 63 | 80 | 72 | 65 | 60 | 64 | 59 | 55 | 57 | 53 | 49 | 50 | 47 | 44 | 41 |
| 4 | 78 | 68 | 60 | 54 | 73 | 64 | 57 | 52 | 57 | 52 | 47 | 51 | 47 | 43 | 45 | 42 | 39 | 36 |
| 5 | 72 | 61 | 53 | 47 | 68 | 58 | 50 | 45 | 52 | 46 | 41 | 46 | 41 | 38 | 41 | 37 | 34 | 31 |
| 6 | 67 | 55 | 47 | 41 | 63 | 52 | 45 | 40 | 47 | 41 | 36 | 42 | 37 | 33 | 37 | 33 | 30 | 28 |
| 7 | 62 | 50 | 42 | 36 | 58 | 47 | 40 | 35 | 43 | 37 | 32 | 38 | 33 | 30 | 34 | 30 | 27 | 25 |
| 8 | 58 | 46 | 38 | 33 | 54 | 43 | 36 | 31 | 39 | 33 | 29 | 35 | 30 | 27 | 32 | 28 | 25 | 23 |
| 9 | 54 | 42 | 34 | 29 | 51 | 40 | 33 | 28 | 36 | 30 | 26 | 33 | 28 | 24 | 29 | 25 | 22 | 20 |
| 10 | 51 | 39 | 31 | 26 | 48 | 37 | 30 | 26 | 33 | 28 | 24 | 30 | 26 | 22 | 27 | 23 | 21 | 19 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 28150 | 28150 | 28150 | 28150 |
| 5° | 31561 | 28336 | 25109 | 28336 |
| 10° | 36166 | 28103 | 21730 | 28103 |
| 15° | 40010 | 27587 | 19198 | 27587 |
| 20° | 39400 | 27034 | 17500 | 27034 |
| 25° | 35527 | 26298 | 16425 | 26298 |
| 30° | 29358 | 25124 | 15642 | 25124 |
| 35° | 21396 | 23893 | 15084 | 23893 |
| 40° | 17089 | 22443 | 14773 | 22443 |
| 45° | 14933 | 20763 | 14351 | 20763 |
| 50° | 14039 | 19138 | 14071 | 19138 |
| 55° | 12940 | 17486 | 13695 | 17486 |
| 60° | 11858 | 15733 | 13114 | 15733 |
| 65° | 10804 | 14155 | 12542 | 14155 |
| 70° | 9805 | 12623 | 11703 | 12623 |
| 75° | 8696 | 10911 | 10368 | 10911 |
| 80° | 7476 | 9028 | 8350 | 9028 |
| 85° | 6706 | 6706 | 4965 | 6706 |



TEST NUMBER: P331384-840

CATALOG NUMBER: S122DIP-S865D530U840-4F0-1E-UDD-A

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 166.1 | 2.8 |
| 10°-20° | 482.7 | 8.1 |
| 20°-30° | 700.6 | 11.7 |
| 30°-40° | 739.3 | 12.4 |
| 40°-50° | 654.6 | 10.9 |
| 50°-60° | 522.4 | 8.7 |
| 60°-70° | 355.1 | 5.9 |
| 70°-80° | 182.0 | 3.0 |
| 80°-90° | 45.7 | 0.8 |
| 90°-100° | 24.3 | 0.4 |
| 100°-110° | 89.1 | 1.5 |
| 110°-120° | 238.2 | 4.0 |
| 120°-130° | 393.1 | 6.6 |
| 130°-140° | 418.1 | 7.0 |
| 140°-150° | 388.6 | 6.5 |
| 150°-160° | 312.4 | 5.2 |
| 160°-170° | 201.3 | 3.4 |
| 170°-180° | 69.3 | 1.2 |
| 0°-30° | 1349.4 | 22.6 |
| 0°-40° | 2088.7 | 34.9 |
| 0°-60° | 3265.7 | 54.6 |
| 0°-90° | 3848.5 | 64.3 |
| 90°-120° | 351.5 | 5.9 |
| 90°-150° | 1551.4 | 25.9 |
| 90°-180° | 2134.0 | 35.7 |
| 0°-180° | 5982.9 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 1744 | 1744 | 1744 | 1744 | 1744 | |
| 5° | 1947 | 1748 | 1549 | 1748 | 1947 | 194 |
| 15° | 2394 | 1650 | 1148 | 1650 | 2394 | 660 |
| 25° | 1994 | 1476 | 922 | 1476 | 1994 | 901 |
| 35° | 1086 | 1212 | 765 | 1212 | 1086 | 706 |
| 45° | 654 | 909 | 628 | 909 | 654 | 514 |
| 55° | 460 | 621 | 486 | 621 | 460 | 412 |
| 65° | 283 | 370 | 328 | 370 | 283 | 281 |
| 75° | 139 | 175 | 166 | 175 | 139 | 149 |
| 85° | 36 | 36 | 27 | 36 | 36 | 40 |
| 90° | 14 | 0 | 14 | 0 | 14 | 8 |
| 95° | 23 | 34 | 23 | 34 | 23 | 21 |
| 105° | 40 | 160 | 40 | 160 | 40 | 42 |
| 115° | 43 | 303 | 43 | 303 | 43 | 108 |
| 125° | 451 | 428 | 451 | 428 | 451 | 390 |
| 135° | 548 | 530 | 548 | 530 | 548 | 422 |
| 145° | 624 | 615 | 624 | 615 | 624 | 391 |
| 155° | 678 | 677 | 678 | 677 | 678 | 313 |
| 165° | 712 | 714 | 712 | 714 | 712 | 201 |
| 175° | 726 | 730 | 726 | 730 | 726 | 69 |
| 180° | 728 | 728 | 728 | 728 | 728 | |



TEST NUMBER: P331384-840

CATALOG NUMBER: S122DIP-S865D530U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1743.5 | 1743.5 | 1743.5 | 1743.5 | 1743.5 | 1743.5 | 1743.5 | 1743.5 | 1743.5 | 1743.5 | 1743.5 |
| 2.5° | 1824.0 | 1824.5 | 1825.6 | 1817.1 | 1815.9 | 1815.9 | 1808.5 | 1802.0 | 1794.5 | 1784.3 | 1785.4 |
| 5° | 1947.3 | 1954.7 | 1957.3 | 1949.3 | 1937.2 | 1935.9 | 1924.5 | 1905.7 | 1888.3 | 1874.2 | 1864.2 |
| 7.5° | 2094.5 | 2097.4 | 2090.8 | 2080.2 | 2071.2 | 2055.2 | 2034.0 | 2013.3 | 1984.2 | 1957.5 | 1937.6 |
| 10° | 2205.9 | 2210.0 | 2198.6 | 2183.1 | 2170.4 | 2151.6 | 2120.8 | 2089.3 | 2051.1 | 2014.3 | 1984.8 |
| 12.5° | 2290.7 | 2300.6 | 2285.9 | 2283.9 | 2262.1 | 2236.3 | 2199.7 | 2183.7 | 2130.0 | 2078.6 | 2047.0 |
| 15° | 2393.6 | 2392.9 | 2394.3 | 2381.5 | 2365.4 | 2361.4 | 2322.6 | 2280.4 | 2204.6 | 2174.4 | 2122.2 |
| 17.5° | 2363.8 | 2374.0 | 2378.7 | 2378.5 | 2378.1 | 2375.6 | 2363.2 | 2336.5 | 2298.6 | 2249.7 | 2189.3 |
| 20° | 2293.1 | 2306.4 | 2308.5 | 2323.9 | 2332.6 | 2344.0 | 2348.6 | 2341.3 | 2317.8 | 2276.9 | 2224.7 |
| 22.5° | 2183.7 | 2187.5 | 2193.7 | 2217.8 | 2236.6 | 2265.2 | 2280.1 | 2304.8 | 2295.8 | 2275.9 | 2232.2 |
| 25° | 1994.2 | 1987.5 | 2010.9 | 2023.0 | 2066.6 | 2112.1 | 2145.0 | 2181.1 | 2213.3 | 2232.7 | 2220.0 |
| 27.5° | 1766.7 | 1756.6 | 1791.7 | 1823.7 | 1859.1 | 1908.4 | 1959.6 | 2020.0 | 2070.3 | 2133.1 | 2154.7 |
| 30° | 1574.7 | 1580.7 | 1614.3 | 1648.4 | 1702.0 | 1771.7 | 1829.4 | 1895.7 | 1967.4 | 2037.7 | 2086.7 |
| 32.5° | 1367.8 | 1391.0 | 1412.2 | 1464.5 | 1511.8 | 1589.4 | 1673.9 | 1756.9 | 1846.2 | 1926.2 | 2002.0 |
| 35° | 1085.5 | 1112.4 | 1141.9 | 1180.0 | 1246.4 | 1323.4 | 1405.8 | 1517.7 | 1639.7 | 1749.0 | 1838.8 |
| 37.5° | 913.7 | 909.5 | 926.3 | 953.9 | 1007.6 | 1069.9 | 1164.8 | 1275.4 | 1418.9 | 1547.2 | 1673.9 |
| 40° | 810.8 | 808.1 | 820.2 | 845.7 | 886.6 | 932.1 | 1015.2 | 1112.4 | 1245.7 | 1402.5 | 1553.3 |
| 42.5° | 740.0 | 741.6 | 748.3 | 766.3 | 794.4 | 831.8 | 894.0 | 976.7 | 1098.8 | 1246.5 | 1408.6 |
| 45° | 654.0 | 658.7 | 666.1 | 674.8 | 690.8 | 721.6 | 756.5 | 815.5 | 912.0 | 1035.3 | 1194.8 |
| 47.5° | 592.1 | 592.2 | 599.8 | 607.3 | 616.9 | 634.3 | 662.7 | 699.7 | 767.8 | 868.2 | 1005.3 |
| 50° | 558.9 | 554.2 | 559.6 | 565.5 | 575.6 | 587.6 | 606.4 | 641.3 | 686.8 | 767.9 | 882.5 |
| 52.5° | 518.2 | 518.3 | 523.1 | 525.3 | 534.3 | 546.4 | 563.5 | 587.6 | 628.9 | 692.4 | 786.6 |
| 55° | 459.7 | 463.0 | 465.7 | 469.7 | 477.8 | 486.5 | 499.9 | 515.9 | 548.2 | 595.7 | 665.4 |
| 57.5° | 404.8 | 405.8 | 408.5 | 416.2 | 421.2 | 429.3 | 442.0 | 456.6 | 477.5 | 512.7 | 565.1 |
| 60° | 367.2 | 367.2 | 372.5 | 375.9 | 382.6 | 390.6 | 400.7 | 414.8 | 433.5 | 462.3 | 504.6 |
| 62.5° | 333.0 | 332.3 | 334.5 | 340.0 | 345.1 | 352.6 | 362.6 | 374.6 | 392.2 | 417.9 | 452.6 |
| 65° | 282.8 | 281.4 | 285.5 | 286.8 | 292.2 | 299.5 | 307.6 | 320.3 | 334.4 | 353.1 | 384.0 |
| 67.5° | 234.5 | 236.1 | 238.3 | 240.9 | 243.8 | 251.6 | 256.9 | 265.9 | 277.8 | 293.4 | 314.3 |
| 70° | 207.7 | 207.7 | 207.7 | 209.7 | 213.8 | 217.8 | 223.2 | 230.6 | 241.9 | 255.3 | 274.1 |
| 72.5° | 177.7 | 179.9 | 182.0 | 180.8 | 185.9 | 188.3 | 194.7 | 198.8 | 209.7 | 218.3 | 234.9 |
| 75° | 139.4 | 139.4 | 139.4 | 142.7 | 144.7 | 146.7 | 150.8 | 154.8 | 160.2 | 170.9 | 179.6 |
| 77.5° | 104.0 | 103.7 | 104.4 | 105.2 | 107.3 | 109.8 | 111.0 | 114.6 | 119.6 | 124.5 | 131.9 |
| 80° | 80.4 | 81.8 | 82.4 | 83.7 | 83.7 | 85.1 | 85.7 | 90.5 | 93.8 | 97.1 | 101.9 |
| 82.5° | 62.2 | 62.4 | 62.6 | 62.8 | 63.4 | 64.2 | 65.9 | 67.5 | 68.6 | 71.4 | 75.0 |
| 85° | 36.2 | 35.5 | 35.5 | 36.9 | 36.2 | 36.2 | 37.6 | 38.9 | 38.9 | 39.5 | 41.5 |
| 87.5° | 16.8 | 16.8 | 17.3 | 16.7 | 16.6 | 17.1 | 17.0 | 16.3 | 16.7 | 17.2 | 17.5 |
| 90° | 14.2 | 14.0 | 13.7 | 13.5 | 13.3 | 12.9 | 12.3 | 11.7 | 11.1 | 10.5 | 9.6 |
| 92.5° | 14.2 | 14.1 | 13.9 | 13.8 | 13.6 | 13.4 | 13.1 | 12.8 | 12.5 | 12.2 | 11.7 |
| 95° | 22.6 | 22.8 | 22.9 | 23.0 | 23.1 | 22.9 | 22.3 | 21.7 | 21.1 | 20.6 | 19.7 |
| 97.5° | 30.3 | 30.1 | 30.0 | 29.8 | 29.7 | 29.4 | 28.9 | 28.5 | 28.0 | 27.5 | 25.7 |
| 100° | 35.3 | 35.0 | 34.8 | 34.6 | 34.3 | 33.8 | 32.8 | 31.9 | 31.0 | 30.0 | 28.1 |
| 102.5° | 37.9 | 37.5 | 37.2 | 36.9 | 36.6 | 35.7 | 34.5 | 33.3 | 32.1 | 30.9 | 47.6 |
| 105° | 40.1 | 39.6 | 39.1 | 38.7 | 38.2 | 37.3 | 36.1 | 34.7 | 33.4 | 32.1 | 64.1 |
| 107.5° | 41.2 | 40.7 | 40.3 | 39.8 | 39.4 | 39.8 | 41.1 | 42.4 | 43.7 | 45.0 | 83.3 |
| 110° | 41.6 | 41.2 | 40.7 | 40.2 | 39.8 | 45.3 | 57.1 | 68.8 | 80.5 | 92.2 | 126.0 |



TEST NUMBER: P331384-840

CATALOG NUMBER: S122DIP-S865D530U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 42.0 | 41.7 | 41.3 | 40.9 | 40.6 | 61.7 | 104.4 | 147.1 | 189.9 | 232.7 | 241.0 |
| 115° | 43.2 | 51.6 | 60.1 | 68.5 | 77.0 | 108.3 | 162.5 | 216.7 | 270.9 | 325.2 | 322.2 |
| 117.5° | 176.4 | 204.2 | 231.9 | 259.5 | 287.3 | 307.7 | 320.8 | 334.0 | 347.1 | 360.1 | 358.2 |
| 120° | 321.4 | 337.3 | 353.1 | 368.9 | 384.8 | 391.9 | 390.5 | 389.1 | 387.7 | 386.3 | 384.2 |
| 122.5° | 401.1 | 404.2 | 407.3 | 410.4 | 413.4 | 414.5 | 413.7 | 412.8 | 412.0 | 411.2 | 408.9 |
| 125° | 450.6 | 450.3 | 449.9 | 449.6 | 449.2 | 448.6 | 447.8 | 447.0 | 446.2 | 445.4 | 443.1 |
| 127.5° | 481.8 | 481.7 | 481.7 | 481.6 | 481.5 | 480.9 | 479.7 | 478.5 | 477.3 | 476.2 | 474.4 |
| 130° | 501.2 | 501.3 | 501.4 | 501.5 | 501.7 | 501.1 | 499.8 | 498.5 | 497.3 | 495.9 | 494.6 |
| 132.5° | 520.2 | 520.3 | 520.4 | 520.5 | 520.6 | 520.2 | 519.1 | 518.0 | 516.8 | 515.7 | 514.4 |
| 135° | 547.5 | 547.9 | 548.1 | 548.3 | 548.6 | 548.1 | 546.8 | 545.7 | 544.5 | 543.3 | 542.3 |
| 137.5° | 572.6 | 573.0 | 573.3 | 573.7 | 574.1 | 573.8 | 572.6 | 571.5 | 570.4 | 569.2 | 567.9 |
| 140° | 588.1 | 588.8 | 589.4 | 589.9 | 590.5 | 590.3 | 589.2 | 588.1 | 587.1 | 586.0 | 584.7 |
| 142.5° | 603.3 | 603.9 | 604.5 | 605.1 | 605.7 | 605.5 | 604.5 | 603.6 | 602.6 | 601.7 | 600.2 |
| 145° | 624.5 | 625.1 | 625.7 | 626.3 | 626.8 | 626.7 | 625.9 | 625.1 | 624.3 | 623.5 | 621.5 |
| 147.5° | 643.2 | 643.7 | 644.2 | 644.7 | 645.1 | 645.1 | 644.5 | 643.9 | 643.3 | 642.7 | 640.7 |
| 150° | 654.6 | 655.1 | 655.7 | 656.3 | 656.9 | 656.8 | 656.1 | 655.4 | 654.7 | 654.0 | 652.2 |
| 152.5° | 664.3 | 665.0 | 665.8 | 666.6 | 667.3 | 667.4 | 666.7 | 666.0 | 665.3 | 664.6 | 662.8 |
| 155° | 677.7 | 678.7 | 679.6 | 680.5 | 681.5 | 681.7 | 681.0 | 680.2 | 679.5 | 678.8 | 677.4 |
| 157.5° | 690.0 | 690.9 | 691.9 | 692.8 | 693.8 | 693.8 | 693.0 | 692.2 | 691.4 | 690.6 | 689.6 |
| 160° | 697.2 | 698.0 | 698.9 | 699.7 | 700.5 | 700.5 | 699.8 | 699.1 | 698.5 | 697.8 | 697.1 |
| 162.5° | 703.2 | 704.2 | 705.2 | 706.2 | 707.2 | 707.3 | 706.5 | 705.7 | 704.9 | 704.1 | 703.5 |
| 165° | 712.0 | 712.9 | 713.7 | 714.5 | 715.3 | 715.3 | 714.5 | 713.7 | 712.9 | 712.0 | 711.7 |
| 167.5° | 717.6 | 718.6 | 719.7 | 720.7 | 721.9 | 722.0 | 721.1 | 720.2 | 719.4 | 718.6 | 718.3 |
| 170° | 720.9 | 722.1 | 723.1 | 724.1 | 725.2 | 725.3 | 724.5 | 723.7 | 722.9 | 722.1 | 721.8 |
| 172.5° | 723.5 | 724.6 | 725.6 | 726.7 | 727.7 | 727.8 | 727.0 | 726.2 | 725.4 | 724.6 | 724.3 |
| 175° | 725.7 | 726.9 | 728.0 | 729.2 | 730.4 | 730.5 | 729.7 | 728.9 | 728.1 | 727.3 | 727.0 |
| 177.5° | 727.1 | 727.9 | 728.7 | 729.6 | 730.4 | 730.5 | 729.9 | 729.2 | 728.6 | 727.9 | 727.8 |
| 180° | 728.3 | 728.3 | 728.3 | 728.3 | 728.3 | 728.3 | 728.3 | 728.3 | 728.3 | 728.3 | 728.3 |



TEST NUMBER: P331384-840

CATALOG NUMBER: S122DIP-S865D530U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1743.5 | 1743.5 | 1743.5 | 1743.5 | 1743.5 | 1743.5 | 1743.5 | 1743.5 | 1743.5 | 1743.5 | 1743.5 |
| 2.5° | 1789.2 | 1784.8 | 1782.2 | 1772.5 | 1763.9 | 1755.3 | 1752.7 | 1753.7 | 1742.0 | 1730.7 | 1725.9 |
| 5° | 1858.9 | 1845.4 | 1832.7 | 1814.6 | 1793.2 | 1769.7 | 1757.7 | 1748.3 | 1724.8 | 1699.4 | 1684.7 |
| 7.5° | 1921.3 | 1902.1 | 1877.6 | 1843.6 | 1812.3 | 1775.4 | 1752.0 | 1731.2 | 1697.0 | 1661.0 | 1639.0 |
| 10° | 1959.3 | 1933.2 | 1901.7 | 1860.2 | 1822.0 | 1777.1 | 1745.6 | 1714.1 | 1673.9 | 1631.0 | 1604.2 |
| 12.5° | 1992.1 | 1956.8 | 1925.8 | 1872.5 | 1827.4 | 1771.2 | 1733.8 | 1689.4 | 1647.1 | 1596.2 | 1569.9 |
| 15° | 2069.9 | 2004.9 | 1945.9 | 1885.6 | 1830.0 | 1751.6 | 1710.1 | 1650.4 | 1594.8 | 1531.9 | 1501.7 |
| 17.5° | 2130.1 | 2057.1 | 1964.2 | 1887.5 | 1822.6 | 1735.9 | 1674.9 | 1603.4 | 1537.6 | 1465.6 | 1424.6 |
| 20° | 2164.4 | 2080.6 | 1980.7 | 1889.7 | 1811.9 | 1712.7 | 1646.4 | 1573.4 | 1496.3 | 1415.2 | 1371.0 |
| 22.5° | 2184.7 | 2096.7 | 1997.9 | 1881.6 | 1790.5 | 1693.9 | 1610.5 | 1530.5 | 1452.4 | 1364.8 | 1318.5 |
| 25° | 2191.2 | 2110.8 | 2006.3 | 1874.9 | 1763.7 | 1654.5 | 1554.0 | 1476.2 | 1381.7 | 1300.0 | 1232.3 |
| 27.5° | 2159.3 | 2101.6 | 2001.1 | 1862.3 | 1732.7 | 1605.0 | 1493.0 | 1404.9 | 1305.3 | 1216.5 | 1148.4 |
| 30° | 2120.2 | 2086.7 | 1988.8 | 1849.5 | 1708.1 | 1570.7 | 1447.4 | 1347.6 | 1248.4 | 1158.6 | 1088.9 |
| 32.5° | 2059.6 | 2052.3 | 1966.3 | 1831.2 | 1681.8 | 1527.3 | 1399.7 | 1298.8 | 1188.9 | 1100.7 | 1034.2 |
| 35° | 1940.6 | 1972.8 | 1918.4 | 1790.5 | 1632.3 | 1465.5 | 1327.5 | 1212.2 | 1098.3 | 1013.8 | 951.5 |
| 37.5° | 1781.1 | 1861.0 | 1846.7 | 1730.8 | 1565.6 | 1398.3 | 1245.9 | 1125.4 | 1016.8 | 931.6 | 870.4 |
| 40° | 1671.2 | 1773.0 | 1787.8 | 1685.3 | 1518.4 | 1346.3 | 1184.8 | 1064.8 | 958.9 | 881.2 | 819.5 |
| 42.5° | 1553.3 | 1672.2 | 1712.7 | 1630.6 | 1466.9 | 1291.5 | 1130.0 | 1005.8 | 901.0 | 825.5 | 770.7 |
| 45° | 1355.6 | 1513.1 | 1586.1 | 1539.2 | 1381.1 | 1201.4 | 1035.3 | 909.3 | 814.2 | 743.2 | 700.9 |
| 47.5° | 1170.7 | 1342.8 | 1441.1 | 1424.5 | 1285.5 | 1107.6 | 943.3 | 822.4 | 729.8 | 673.2 | 635.4 |
| 50° | 1040.0 | 1216.9 | 1335.4 | 1340.9 | 1216.9 | 1040.7 | 875.9 | 761.9 | 676.8 | 623.9 | 593.0 |
| 52.5° | 926.3 | 1095.2 | 1224.6 | 1252.9 | 1140.2 | 971.0 | 815.3 | 701.9 | 626.9 | 578.2 | 550.7 |
| 55° | 778.0 | 920.7 | 1064.1 | 1116.4 | 1025.9 | 865.1 | 721.0 | 621.2 | 550.8 | 517.4 | 493.2 |
| 57.5° | 646.8 | 765.8 | 898.2 | 955.9 | 900.2 | 762.5 | 627.4 | 540.8 | 483.6 | 454.3 | 435.9 |
| 60° | 577.6 | 671.5 | 789.4 | 858.4 | 810.1 | 687.5 | 569.6 | 487.2 | 440.3 | 414.1 | 396.7 |
| 62.5° | 513.3 | 596.4 | 696.1 | 759.2 | 733.0 | 617.3 | 511.7 | 438.9 | 398.4 | 374.0 | 361.3 |
| 65° | 423.5 | 489.2 | 566.2 | 624.5 | 607.1 | 519.3 | 432.9 | 370.5 | 338.4 | 318.9 | 308.9 |
| 67.5° | 348.7 | 396.2 | 449.6 | 500.7 | 486.7 | 424.4 | 355.0 | 306.5 | 282.6 | 265.8 | 259.7 |
| 70° | 301.5 | 337.7 | 385.3 | 426.2 | 414.8 | 363.9 | 308.9 | 267.4 | 246.6 | 232.6 | 226.5 |
| 72.5° | 256.5 | 286.3 | 322.6 | 356.0 | 348.3 | 306.0 | 260.1 | 228.7 | 212.8 | 199.9 | 194.9 |
| 75° | 193.7 | 216.4 | 238.5 | 260.6 | 258.6 | 225.8 | 199.0 | 174.9 | 162.2 | 152.1 | 150.1 |
| 77.5° | 143.0 | 155.7 | 170.8 | 183.9 | 180.3 | 161.5 | 140.5 | 126.6 | 117.2 | 110.6 | 109.5 |
| 80° | 109.3 | 116.6 | 127.3 | 136.7 | 132.0 | 124.0 | 107.2 | 97.1 | 90.5 | 83.7 | 81.1 |
| 82.5° | 79.2 | 86.5 | 93.0 | 98.1 | 94.5 | 86.9 | 76.6 | 69.8 | 65.8 | 61.2 | 60.2 |
| 85° | 41.5 | 45.5 | 48.3 | 49.6 | 48.3 | 43.5 | 38.9 | 36.2 | 32.8 | 30.8 | 30.2 |
| 87.5° | 17.8 | 17.7 | 17.5 | 18.3 | 16.5 | 16.2 | 13.7 | 11.9 | 11.6 | 11.3 | 10.5 |
| 90° | 8.7 | 7.8 | 6.8 | 5.7 | 4.3 | 3.1 | 1.8 | 0.5 | 1.8 | 3.1 | 4.3 |
| 92.5° | 11.3 | 10.8 | 10.4 | 10.2 | 10.3 | 10.4 | 10.5 | 10.6 | 10.5 | 10.4 | 10.3 |
| 95° | 18.9 | 18.1 | 17.3 | 18.8 | 22.6 | 26.6 | 30.4 | 34.2 | 30.4 | 26.6 | 22.6 |
| 97.5° | 23.7 | 21.8 | 19.9 | 24.4 | 35.3 | 46.3 | 57.1 | 68.0 | 57.1 | 46.3 | 35.3 |
| 100° | 26.1 | 24.0 | 22.1 | 29.1 | 45.1 | 61.2 | 77.3 | 93.3 | 77.3 | 61.2 | 45.1 |
| 102.5° | 64.2 | 80.9 | 97.5 | 107.6 | 110.9 | 114.3 | 117.8 | 121.1 | 117.8 | 114.3 | 110.9 |
| 105° | 96.1 | 128.1 | 160.1 | 174.3 | 170.8 | 167.2 | 163.7 | 160.2 | 163.7 | 167.2 | 170.8 |
| 107.5° | 121.7 | 160.1 | 198.3 | 216.1 | 213.3 | 210.5 | 207.6 | 204.8 | 207.6 | 210.5 | 213.3 |
| 110° | 160.0 | 193.8 | 227.6 | 243.3 | 240.9 | 238.4 | 235.9 | 233.5 | 235.9 | 238.4 | 240.9 |



TEST NUMBER: P331384-840

CATALOG NUMBER: S122DIP-S865D530U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 249.3 | 257.7 | 266.1 | 269.1 | 267.0 | 264.8 | 262.7 | 260.4 | 262.7 | 264.8 | 267.0 |
| 115° | 319.3 | 316.4 | 313.5 | 311.0 | 309.0 | 307.0 | 305.0 | 303.1 | 305.0 | 307.0 | 309.0 |
| 117.5° | 356.2 | 354.2 | 352.1 | 350.0 | 347.8 | 345.6 | 343.4 | 341.1 | 343.4 | 345.6 | 347.8 |
| 120° | 382.1 | 380.0 | 377.9 | 376.0 | 374.2 | 372.4 | 370.6 | 368.9 | 370.6 | 372.4 | 374.2 |
| 122.5° | 406.6 | 404.2 | 402.0 | 399.9 | 398.1 | 396.3 | 394.4 | 392.5 | 394.4 | 396.3 | 398.1 |
| 125° | 440.9 | 438.7 | 436.5 | 434.5 | 433.0 | 431.5 | 430.0 | 428.5 | 430.0 | 431.5 | 433.0 |
| 127.5° | 472.8 | 471.1 | 469.5 | 467.8 | 466.1 | 464.4 | 462.7 | 461.0 | 462.7 | 464.4 | 466.1 |
| 130° | 493.3 | 492.1 | 490.8 | 489.2 | 487.4 | 485.4 | 483.5 | 481.7 | 483.5 | 485.4 | 487.4 |
| 132.5° | 513.2 | 511.9 | 510.6 | 509.2 | 507.6 | 505.9 | 504.3 | 502.8 | 504.3 | 505.9 | 507.6 |
| 135° | 541.3 | 540.2 | 539.2 | 537.7 | 535.8 | 533.9 | 532.1 | 530.2 | 532.1 | 533.9 | 535.8 |
| 137.5° | 566.8 | 565.6 | 564.4 | 563.1 | 561.8 | 560.5 | 559.2 | 558.0 | 559.2 | 560.5 | 561.8 |
| 140° | 583.5 | 582.2 | 580.9 | 579.8 | 578.9 | 577.9 | 576.9 | 576.0 | 576.9 | 577.9 | 578.9 |
| 142.5° | 598.6 | 597.2 | 595.7 | 594.6 | 593.7 | 592.9 | 592.1 | 591.2 | 592.1 | 592.9 | 593.7 |
| 145° | 619.5 | 617.5 | 615.5 | 614.6 | 614.7 | 614.8 | 614.9 | 615.0 | 614.9 | 614.8 | 614.7 |
| 147.5° | 638.7 | 636.7 | 634.8 | 634.0 | 634.5 | 634.9 | 635.3 | 635.8 | 635.3 | 634.9 | 634.5 |
| 150° | 650.3 | 648.4 | 646.5 | 646.0 | 646.8 | 647.6 | 648.4 | 649.2 | 648.4 | 647.6 | 646.8 |
| 152.5° | 661.1 | 659.2 | 657.4 | 657.0 | 657.9 | 658.8 | 659.7 | 660.7 | 659.7 | 658.8 | 657.9 |
| 155° | 676.0 | 674.6 | 673.2 | 673.0 | 674.1 | 675.1 | 676.2 | 677.2 | 676.2 | 675.1 | 674.1 |
| 157.5° | 688.6 | 687.6 | 686.7 | 686.6 | 687.5 | 688.4 | 689.3 | 690.1 | 689.3 | 688.4 | 687.5 |
| 160° | 696.4 | 695.7 | 695.0 | 695.0 | 695.7 | 696.4 | 697.1 | 697.8 | 697.1 | 696.4 | 695.7 |
| 162.5° | 702.9 | 702.3 | 701.7 | 701.8 | 702.4 | 703.1 | 703.8 | 704.5 | 703.8 | 703.1 | 702.4 |
| 165° | 711.2 | 710.9 | 710.6 | 710.7 | 711.4 | 712.2 | 712.9 | 713.6 | 712.9 | 712.2 | 711.4 |
| 167.5° | 718.0 | 717.6 | 717.3 | 717.5 | 718.2 | 718.9 | 719.6 | 720.3 | 719.6 | 718.9 | 718.2 |
| 170° | 721.5 | 721.3 | 721.0 | 721.3 | 722.1 | 722.8 | 723.5 | 724.1 | 723.5 | 722.8 | 722.1 |
| 172.5° | 724.1 | 723.9 | 723.6 | 723.9 | 724.6 | 725.3 | 726.0 | 726.7 | 726.0 | 725.3 | 724.6 |
| 175° | 726.8 | 726.6 | 726.4 | 726.6 | 727.5 | 728.3 | 729.1 | 729.9 | 729.1 | 728.3 | 727.5 |
| 177.5° | 727.7 | 727.6 | 727.5 | 727.8 | 728.5 | 729.1 | 729.8 | 730.4 | 729.8 | 729.1 | 728.5 |
| 180° | 728.3 | 728.3 | 728.3 | 728.3 | 728.3 | 728.3 | 728.3 | 728.3 | 728.3 | 728.3 | 728.3 |



TEST NUMBER: P331384-840

CATALOG NUMBER: S122DIP-S865D530U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1743.5 | 1743.5 | 1743.5 | 1743.5 | 1743.5 | 1743.5 | 1743.5 | 1743.5 | 1743.5 | 1743.5 | 1743.5 |
| 2.5° | 1720.5 | 1717.3 | 1706.1 | 1700.2 | 1690.5 | 1681.4 | 1675.5 | 1678.2 | 1680.3 | 1679.2 | 1677.7 |
| 5° | 1671.2 | 1658.5 | 1639.0 | 1622.2 | 1610.2 | 1588.1 | 1578.7 | 1574.1 | 1570.0 | 1565.3 | 1560.6 |
| 7.5° | 1612.6 | 1592.5 | 1564.5 | 1540.7 | 1518.1 | 1490.7 | 1475.0 | 1465.6 | 1456.0 | 1445.4 | 1436.0 |
| 10° | 1570.7 | 1542.6 | 1513.1 | 1479.6 | 1452.8 | 1427.9 | 1405.8 | 1391.1 | 1377.8 | 1364.9 | 1355.6 |
| 12.5° | 1526.7 | 1494.3 | 1457.8 | 1412.0 | 1382.5 | 1347.1 | 1343.6 | 1317.7 | 1296.8 | 1288.9 | 1277.9 |
| 15° | 1456.8 | 1411.2 | 1364.9 | 1310.7 | 1287.3 | 1255.1 | 1235.0 | 1214.9 | 1196.8 | 1184.1 | 1180.7 |
| 17.5° | 1377.4 | 1318.4 | 1272.3 | 1233.3 | 1194.9 | 1162.0 | 1143.5 | 1127.4 | 1112.5 | 1095.5 | 1093.2 |
| 20° | 1316.8 | 1265.8 | 1215.6 | 1181.3 | 1141.9 | 1108.3 | 1085.5 | 1069.4 | 1056.7 | 1046.7 | 1037.9 |
| 22.5° | 1259.4 | 1203.7 | 1157.6 | 1120.2 | 1081.3 | 1054.2 | 1036.2 | 1020.7 | 1010.1 | 999.0 | 990.8 |
| 25° | 1167.3 | 1123.8 | 1073.5 | 1031.3 | 999.1 | 981.7 | 966.9 | 953.5 | 946.8 | 939.5 | 930.1 |
| 27.5° | 1086.7 | 1038.3 | 991.4 | 958.7 | 930.4 | 914.9 | 904.5 | 895.3 | 889.1 | 884.7 | 879.4 |
| 30° | 1030.0 | 981.0 | 944.1 | 912.0 | 888.6 | 873.1 | 866.5 | 861.1 | 853.7 | 851.0 | 848.4 |
| 32.5° | 975.2 | 931.2 | 899.7 | 871.8 | 849.4 | 839.4 | 833.2 | 828.4 | 822.6 | 819.9 | 814.6 |
| 35° | 898.0 | 861.1 | 830.2 | 814.9 | 796.8 | 788.0 | 783.4 | 776.7 | 771.2 | 768.6 | 767.9 |
| 37.5° | 825.2 | 793.1 | 772.8 | 753.1 | 745.4 | 740.0 | 733.7 | 729.0 | 727.4 | 727.0 | 726.4 |
| 40° | 778.0 | 751.8 | 733.8 | 717.7 | 714.3 | 706.3 | 700.9 | 696.9 | 696.9 | 697.6 | 696.9 |
| 42.5° | 735.1 | 711.7 | 695.7 | 681.8 | 677.8 | 673.1 | 667.7 | 667.4 | 668.5 | 670.8 | 668.5 |
| 45° | 670.0 | 653.4 | 642.0 | 635.2 | 627.8 | 623.2 | 622.5 | 624.5 | 625.2 | 625.9 | 627.8 |
| 47.5° | 610.4 | 599.2 | 588.9 | 581.5 | 578.2 | 577.4 | 576.6 | 580.2 | 583.4 | 584.6 | 587.6 |
| 50° | 574.9 | 562.2 | 553.5 | 548.8 | 546.1 | 544.8 | 546.1 | 550.2 | 552.8 | 556.1 | 558.2 |
| 52.5° | 535.2 | 526.2 | 520.3 | 516.6 | 515.5 | 516.3 | 516.6 | 521.2 | 525.5 | 526.6 | 527.7 |
| 55° | 480.5 | 473.7 | 472.4 | 466.4 | 469.1 | 468.4 | 471.7 | 474.4 | 478.5 | 482.5 | 483.1 |
| 57.5° | 425.8 | 420.4 | 416.8 | 417.4 | 418.2 | 421.1 | 423.9 | 428.6 | 432.9 | 437.2 | 437.6 |
| 60° | 389.3 | 386.7 | 384.7 | 384.7 | 386.0 | 390.0 | 393.3 | 398.0 | 400.7 | 403.4 | 405.4 |
| 62.5° | 356.1 | 353.5 | 351.4 | 352.4 | 356.0 | 358.4 | 362.2 | 364.8 | 367.5 | 370.1 | 371.1 |
| 65° | 303.6 | 302.3 | 304.3 | 305.6 | 306.2 | 309.6 | 314.3 | 316.3 | 318.9 | 320.3 | 325.0 |
| 67.5° | 255.2 | 255.4 | 255.2 | 257.0 | 260.9 | 261.8 | 266.2 | 270.8 | 271.4 | 274.0 | 277.0 |
| 70° | 222.5 | 223.8 | 225.2 | 226.5 | 229.8 | 231.2 | 234.5 | 236.5 | 239.2 | 241.3 | 243.3 |
| 72.5° | 192.5 | 192.7 | 194.1 | 193.8 | 196.6 | 199.5 | 202.4 | 204.4 | 207.0 | 209.6 | 211.6 |
| 75° | 148.0 | 148.0 | 149.5 | 150.1 | 153.5 | 156.8 | 156.1 | 157.4 | 160.2 | 162.8 | 164.2 |
| 77.5° | 108.2 | 106.6 | 108.2 | 108.9 | 109.9 | 112.7 | 113.2 | 115.1 | 118.2 | 117.2 | 118.8 |
| 80° | 82.4 | 80.4 | 82.4 | 83.1 | 83.1 | 86.4 | 86.4 | 87.8 | 89.8 | 87.8 | 89.8 |
| 82.5° | 58.9 | 57.9 | 59.4 | 59.5 | 60.6 | 60.7 | 61.8 | 62.0 | 64.0 | 63.1 | 64.0 |
| 85° | 29.5 | 28.8 | 29.5 | 28.8 | 29.5 | 30.2 | 30.2 | 29.5 | 29.5 | 30.8 | 28.8 |
| 87.5° | 10.2 | 9.9 | 9.6 | 9.8 | 9.4 | 9.1 | 8.7 | 8.8 | 8.9 | 8.0 | 8.0 |
| 90° | 5.7 | 6.8 | 7.8 | 8.7 | 9.6 | 10.5 | 11.1 | 11.7 | 12.3 | 12.9 | 13.3 |
| 92.5° | 10.2 | 10.4 | 10.8 | 11.3 | 11.7 | 12.2 | 12.5 | 12.8 | 13.1 | 13.4 | 13.6 |
| 95° | 18.8 | 17.3 | 18.1 | 18.9 | 19.7 | 20.6 | 21.1 | 21.7 | 22.3 | 22.9 | 23.1 |
| 97.5° | 24.4 | 19.9 | 21.8 | 23.7 | 25.7 | 27.5 | 28.0 | 28.5 | 28.9 | 29.4 | 29.7 |
| 100° | 29.1 | 22.1 | 24.0 | 26.1 | 28.1 | 30.0 | 31.0 | 31.9 | 32.8 | 33.8 | 34.3 |
| 102.5° | 107.6 | 97.5 | 80.9 | 64.2 | 47.6 | 30.9 | 32.1 | 33.3 | 34.5 | 35.7 | 36.6 |
| 105° | 174.3 | 160.1 | 128.1 | 96.1 | 64.1 | 32.1 | 33.4 | 34.7 | 36.1 | 37.3 | 38.2 |
| 107.5° | 216.1 | 198.3 | 160.1 | 121.7 | 83.3 | 45.0 | 43.7 | 42.4 | 41.1 | 39.8 | 39.4 |
| 110° | 243.3 | 227.6 | 193.8 | 160.0 | 126.0 | 92.2 | 80.5 | 68.8 | 57.1 | 45.3 | 39.8 |



TEST NUMBER: P331384-840

CATALOG NUMBER: S122DIP-S865D530U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 269.1 | 266.1 | 257.7 | 249.3 | 241.0 | 232.7 | 189.9 | 147.1 | 104.4 | 61.7 | 40.6 |
| 115° | 311.0 | 313.5 | 316.4 | 319.3 | 322.2 | 325.2 | 270.9 | 216.7 | 162.5 | 108.3 | 77.0 |
| 117.5° | 350.0 | 352.1 | 354.2 | 356.2 | 358.2 | 360.1 | 347.1 | 334.0 | 320.8 | 307.7 | 287.3 |
| 120° | 376.0 | 377.9 | 380.0 | 382.1 | 384.2 | 386.3 | 387.7 | 389.1 | 390.5 | 391.9 | 384.8 |
| 122.5° | 399.9 | 402.0 | 404.2 | 406.6 | 408.9 | 411.2 | 412.0 | 412.8 | 413.7 | 414.5 | 413.4 |
| 125° | 434.5 | 436.5 | 438.7 | 440.9 | 443.1 | 445.4 | 446.2 | 447.0 | 447.8 | 448.6 | 449.2 |
| 127.5° | 467.8 | 469.5 | 471.1 | 472.8 | 474.4 | 476.2 | 477.3 | 478.5 | 479.7 | 480.9 | 481.5 |
| 130° | 489.2 | 490.8 | 492.1 | 493.3 | 494.6 | 495.9 | 497.3 | 498.5 | 499.8 | 501.1 | 501.7 |
| 132.5° | 509.2 | 510.6 | 511.9 | 513.2 | 514.4 | 515.7 | 516.8 | 518.0 | 519.1 | 520.2 | 520.6 |
| 135° | 537.7 | 539.2 | 540.2 | 541.3 | 542.3 | 543.3 | 544.5 | 545.7 | 546.8 | 548.1 | 548.6 |
| 137.5° | 563.1 | 564.4 | 565.6 | 566.8 | 567.9 | 569.2 | 570.4 | 571.5 | 572.6 | 573.8 | 574.1 |
| 140° | 579.8 | 580.9 | 582.2 | 583.5 | 584.7 | 586.0 | 587.1 | 588.1 | 589.2 | 590.3 | 590.5 |
| 142.5° | 594.6 | 595.7 | 597.2 | 598.6 | 600.2 | 601.7 | 602.6 | 603.6 | 604.5 | 605.5 | 605.7 |
| 145° | 614.6 | 615.5 | 617.5 | 619.5 | 621.5 | 623.5 | 624.3 | 625.1 | 625.9 | 626.7 | 626.8 |
| 147.5° | 634.0 | 634.8 | 636.7 | 638.7 | 640.7 | 642.7 | 643.3 | 643.9 | 644.5 | 645.1 | 645.1 |
| 150° | 646.0 | 646.5 | 648.4 | 650.3 | 652.2 | 654.0 | 654.7 | 655.4 | 656.1 | 656.8 | 656.9 |
| 152.5° | 657.0 | 657.4 | 659.2 | 661.1 | 662.8 | 664.6 | 665.3 | 666.0 | 666.7 | 667.4 | 667.3 |
| 155° | 673.0 | 673.2 | 674.6 | 676.0 | 677.4 | 678.8 | 679.5 | 680.2 | 681.0 | 681.7 | 681.5 |
| 157.5° | 686.6 | 686.7 | 687.6 | 688.6 | 689.6 | 690.6 | 691.4 | 692.2 | 693.0 | 693.8 | 693.8 |
| 160° | 695.0 | 695.0 | 695.7 | 696.4 | 697.1 | 697.8 | 698.5 | 699.1 | 699.8 | 700.5 | 700.5 |
| 162.5° | 701.8 | 701.7 | 702.3 | 702.9 | 703.5 | 704.1 | 704.9 | 705.7 | 706.5 | 707.3 | 707.2 |
| 165° | 710.7 | 710.6 | 710.9 | 711.2 | 711.7 | 712.0 | 712.9 | 713.7 | 714.5 | 715.3 | 715.3 |
| 167.5° | 717.5 | 717.3 | 717.6 | 718.0 | 718.3 | 718.6 | 719.4 | 720.2 | 721.1 | 722.0 | 721.9 |
| 170° | 721.3 | 721.0 | 721.3 | 721.5 | 721.8 | 722.1 | 722.9 | 723.7 | 724.5 | 725.3 | 725.2 |
| 172.5° | 723.9 | 723.6 | 723.9 | 724.1 | 724.3 | 724.6 | 725.4 | 726.2 | 727.0 | 727.8 | 727.7 |
| 175° | 726.6 | 726.4 | 726.6 | 726.8 | 727.0 | 727.3 | 728.1 | 728.9 | 729.7 | 730.5 | 730.4 |
| 177.5° | 727.8 | 727.5 | 727.6 | 727.7 | 727.8 | 727.9 | 728.6 | 729.2 | 729.9 | 730.5 | 730.4 |
| 180° | 728.3 | 728.3 | 728.3 | 728.3 | 728.3 | 728.3 | 728.3 | 728.3 | 728.3 | 728.3 | 728.3 |



TEST NUMBER: P331384-840

CATALOG NUMBER: S122DIP-S865D530U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1743.5 | 1743.5 | 1743.5 | 1743.5 | 1743.5 | 1743.5 | 1743.5 | 1743.5 | 1743.5 | 1743.5 | 1743.5 |
| 2.5° | 1672.2 | 1671.2 | 1671.2 | 1666.4 | 1671.2 | 1671.2 | 1672.2 | 1677.7 | 1679.2 | 1680.3 | 1678.2 |
| 5° | 1551.3 | 1549.2 | 1545.9 | 1549.2 | 1545.9 | 1549.2 | 1551.3 | 1560.6 | 1565.3 | 1570.0 | 1574.1 |
| 7.5° | 1431.6 | 1423.5 | 1422.3 | 1414.4 | 1422.3 | 1423.5 | 1431.6 | 1436.0 | 1445.4 | 1456.0 | 1465.6 |
| 10° | 1344.2 | 1338.9 | 1338.2 | 1325.4 | 1338.2 | 1338.9 | 1344.2 | 1355.6 | 1364.9 | 1377.8 | 1391.1 |
| 12.5° | 1277.8 | 1264.9 | 1267.4 | 1260.0 | 1267.4 | 1264.9 | 1277.8 | 1277.9 | 1288.9 | 1296.8 | 1317.7 |
| 15° | 1162.7 | 1162.7 | 1159.9 | 1148.5 | 1159.9 | 1162.7 | 1162.7 | 1180.7 | 1184.1 | 1196.8 | 1214.9 |
| 17.5° | 1079.9 | 1078.5 | 1072.2 | 1075.4 | 1072.2 | 1078.5 | 1079.9 | 1093.2 | 1095.5 | 1112.5 | 1127.4 |
| 20° | 1030.6 | 1026.6 | 1018.5 | 1018.5 | 1018.5 | 1026.6 | 1030.6 | 1037.9 | 1046.7 | 1056.7 | 1069.4 |
| 22.5° | 984.0 | 983.7 | 975.1 | 977.8 | 975.1 | 983.7 | 984.0 | 990.8 | 999.0 | 1010.1 | 1020.7 |
| 25° | 929.4 | 924.0 | 920.1 | 922.0 | 920.1 | 924.0 | 929.4 | 930.1 | 939.5 | 946.8 | 953.5 |
| 27.5° | 877.7 | 874.7 | 874.4 | 869.0 | 874.4 | 874.7 | 877.7 | 879.4 | 884.7 | 889.1 | 895.3 |
| 30° | 847.7 | 841.0 | 842.3 | 839.0 | 842.3 | 841.0 | 847.7 | 848.4 | 851.0 | 853.7 | 861.1 |
| 32.5° | 813.3 | 810.9 | 809.6 | 806.8 | 809.6 | 810.9 | 813.3 | 814.6 | 819.9 | 822.6 | 828.4 |
| 35° | 766.6 | 767.3 | 763.9 | 765.3 | 763.9 | 767.3 | 766.6 | 767.9 | 768.6 | 771.2 | 776.7 |
| 37.5° | 725.7 | 727.8 | 726.3 | 726.7 | 726.3 | 727.8 | 725.7 | 726.4 | 727.0 | 727.4 | 729.0 |
| 40° | 698.9 | 698.9 | 698.9 | 700.9 | 698.9 | 698.9 | 698.9 | 696.9 | 697.6 | 696.9 | 696.9 |
| 42.5° | 673.2 | 672.1 | 671.1 | 670.9 | 671.1 | 672.1 | 673.2 | 668.5 | 670.8 | 668.5 | 667.4 |
| 45° | 629.2 | 631.3 | 631.9 | 628.5 | 631.9 | 631.3 | 629.2 | 627.8 | 625.9 | 625.2 | 624.5 |
| 47.5° | 589.5 | 589.7 | 589.5 | 592.4 | 589.5 | 589.7 | 589.5 | 587.6 | 584.6 | 583.4 | 580.2 |
| 50° | 561.6 | 560.2 | 561.6 | 560.2 | 561.6 | 560.2 | 561.6 | 558.2 | 556.1 | 552.8 | 550.2 |
| 52.5° | 532.1 | 532.3 | 531.5 | 531.3 | 531.5 | 532.3 | 532.1 | 527.7 | 526.6 | 525.5 | 521.2 |
| 55° | 485.8 | 487.2 | 486.5 | 486.5 | 486.5 | 487.2 | 485.8 | 483.1 | 482.5 | 478.5 | 474.4 |
| 57.5° | 438.0 | 439.2 | 440.1 | 437.2 | 440.1 | 439.2 | 438.0 | 437.6 | 437.2 | 432.9 | 428.6 |
| 60° | 404.8 | 408.1 | 407.4 | 406.1 | 407.4 | 408.1 | 404.8 | 405.4 | 403.4 | 400.7 | 398.0 |
| 62.5° | 374.2 | 375.4 | 375.3 | 375.0 | 375.3 | 375.4 | 374.2 | 371.1 | 370.1 | 367.5 | 364.8 |
| 65° | 327.0 | 328.3 | 326.3 | 328.3 | 326.3 | 328.3 | 327.0 | 325.0 | 320.3 | 318.9 | 316.3 |
| 67.5° | 276.2 | 276.6 | 278.1 | 279.0 | 278.1 | 276.6 | 276.2 | 277.0 | 274.0 | 271.4 | 270.8 |
| 70° | 244.6 | 243.9 | 245.9 | 247.9 | 245.9 | 243.9 | 244.6 | 243.3 | 241.3 | 239.2 | 236.5 |
| 72.5° | 211.4 | 212.8 | 212.2 | 213.6 | 212.2 | 212.8 | 211.4 | 211.6 | 209.6 | 207.0 | 204.4 |
| 75° | 162.8 | 164.8 | 164.2 | 166.2 | 164.2 | 164.8 | 162.8 | 164.2 | 162.8 | 160.2 | 157.4 |
| 77.5° | 117.6 | 118.0 | 117.6 | 118.8 | 117.6 | 118.0 | 117.6 | 118.8 | 117.2 | 118.2 | 115.1 |
| 80° | 89.8 | 88.5 | 87.2 | 89.8 | 87.2 | 88.5 | 89.8 | 89.8 | 87.8 | 89.8 | 87.8 |
| 82.5° | 62.4 | 63.2 | 61.9 | 61.9 | 61.9 | 63.2 | 62.4 | 64.0 | 63.1 | 64.0 | 62.0 |
| 85° | 28.8 | 28.2 | 26.8 | 26.8 | 26.8 | 28.2 | 28.8 | 28.8 | 30.8 | 29.5 | 29.5 |
| 87.5° | 8.1 | 7.6 | 7.6 | 7.2 | 7.6 | 7.6 | 8.1 | 8.0 | 8.0 | 8.9 | 8.8 |
| 90° | 13.5 | 13.7 | 14.0 | 14.2 | 14.0 | 13.7 | 13.5 | 13.3 | 12.9 | 12.3 | 11.7 |
| 92.5° | 13.8 | 13.9 | 14.1 | 14.2 | 14.1 | 13.9 | 13.8 | 13.6 | 13.4 | 13.1 | 12.8 |
| 95° | 23.0 | 22.9 | 22.8 | 22.6 | 22.8 | 22.9 | 23.0 | 23.1 | 22.9 | 22.3 | 21.7 |
| 97.5° | 29.8 | 30.0 | 30.1 | 30.3 | 30.1 | 30.0 | 29.8 | 29.7 | 29.4 | 28.9 | 28.5 |
| 100° | 34.6 | 34.8 | 35.0 | 35.3 | 35.0 | 34.8 | 34.6 | 34.3 | 33.8 | 32.8 | 31.9 |
| 102.5° | 36.9 | 37.2 | 37.5 | 37.9 | 37.5 | 37.2 | 36.9 | 36.6 | 35.7 | 34.5 | 33.3 |
| 105° | 38.7 | 39.1 | 39.6 | 40.1 | 39.6 | 39.1 | 38.7 | 38.2 | 37.3 | 36.1 | 34.7 |
| 107.5° | 39.8 | 40.3 | 40.7 | 41.2 | 40.7 | 40.3 | 39.8 | 39.4 | 39.8 | 41.1 | 42.4 |
| 110° | 40.2 | 40.7 | 41.2 | 41.6 | 41.2 | 40.7 | 40.2 | 39.8 | 45.3 | 57.1 | 68.8 |



TEST NUMBER: P331384-840

CATALOG NUMBER: S122DIP-S865D530U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 40.9 | 41.3 | 41.7 | 42.0 | 41.7 | 41.3 | 40.9 | 40.6 | 61.7 | 104.4 | 147.1 |
| 115° | 68.5 | 60.1 | 51.6 | 43.2 | 51.6 | 60.1 | 68.5 | 77.0 | 108.3 | 162.5 | 216.7 |
| 117.5° | 259.5 | 231.9 | 204.2 | 176.4 | 204.2 | 231.9 | 259.5 | 287.3 | 307.7 | 320.8 | 334.0 |
| 120° | 368.9 | 353.1 | 337.3 | 321.4 | 337.3 | 353.1 | 368.9 | 384.8 | 391.9 | 390.5 | 389.1 |
| 122.5° | 410.4 | 407.3 | 404.2 | 401.1 | 404.2 | 407.3 | 410.4 | 413.4 | 414.5 | 413.7 | 412.8 |
| 125° | 449.6 | 449.9 | 450.3 | 450.6 | 450.3 | 449.9 | 449.6 | 449.2 | 448.6 | 447.8 | 447.0 |
| 127.5° | 481.6 | 481.7 | 481.7 | 481.8 | 481.7 | 481.7 | 481.6 | 481.5 | 480.9 | 479.7 | 478.5 |
| 130° | 501.5 | 501.4 | 501.3 | 501.2 | 501.3 | 501.4 | 501.5 | 501.7 | 501.1 | 499.8 | 498.5 |
| 132.5° | 520.5 | 520.4 | 520.3 | 520.2 | 520.3 | 520.4 | 520.5 | 520.6 | 520.2 | 519.1 | 518.0 |
| 135° | 548.3 | 548.1 | 547.9 | 547.5 | 547.9 | 548.1 | 548.3 | 548.6 | 548.1 | 546.8 | 545.7 |
| 137.5° | 573.7 | 573.3 | 573.0 | 572.6 | 573.0 | 573.3 | 573.7 | 574.1 | 573.8 | 572.6 | 571.5 |
| 140° | 589.9 | 589.4 | 588.8 | 588.1 | 588.8 | 589.4 | 589.9 | 590.5 | 590.3 | 589.2 | 588.1 |
| 142.5° | 605.1 | 604.5 | 603.9 | 603.3 | 603.9 | 604.5 | 605.1 | 605.7 | 605.5 | 604.5 | 603.6 |
| 145° | 626.3 | 625.7 | 625.1 | 624.5 | 625.1 | 625.7 | 626.3 | 626.8 | 626.7 | 625.9 | 625.1 |
| 147.5° | 644.7 | 644.2 | 643.7 | 643.2 | 643.7 | 644.2 | 644.7 | 645.1 | 645.1 | 644.5 | 643.9 |
| 150° | 656.3 | 655.7 | 655.1 | 654.6 | 655.1 | 655.7 | 656.3 | 656.9 | 656.8 | 656.1 | 655.4 |
| 152.5° | 666.6 | 665.8 | 665.0 | 664.3 | 665.0 | 665.8 | 666.6 | 667.3 | 667.4 | 666.7 | 666.0 |
| 155° | 680.5 | 679.6 | 678.7 | 677.7 | 678.7 | 679.6 | 680.5 | 681.5 | 681.7 | 681.0 | 680.2 |
| 157.5° | 692.8 | 691.9 | 690.9 | 690.0 | 690.9 | 691.9 | 692.8 | 693.8 | 693.8 | 693.0 | 692.2 |
| 160° | 699.7 | 698.9 | 698.0 | 697.2 | 698.0 | 698.9 | 699.7 | 700.5 | 700.5 | 699.8 | 699.1 |
| 162.5° | 706.2 | 705.2 | 704.2 | 703.2 | 704.2 | 705.2 | 706.2 | 707.2 | 707.3 | 706.5 | 705.7 |
| 165° | 714.5 | 713.7 | 712.9 | 712.0 | 712.9 | 713.7 | 714.5 | 715.3 | 715.3 | 714.5 | 713.7 |
| 167.5° | 720.7 | 719.7 | 718.6 | 717.6 | 718.6 | 719.7 | 720.7 | 721.9 | 722.0 | 721.1 | 720.2 |
| 170° | 724.1 | 723.1 | 722.1 | 720.9 | 722.1 | 723.1 | 724.1 | 725.2 | 725.3 | 724.5 | 723.7 |
| 172.5° | 726.7 | 725.6 | 724.6 | 723.5 | 724.6 | 725.6 | 726.7 | 727.7 | 727.8 | 727.0 | 726.2 |
| 175° | 729.2 | 728.0 | 726.9 | 725.7 | 726.9 | 728.0 | 729.2 | 730.4 | 730.5 | 729.7 | 728.9 |
| 177.5° | 729.6 | 728.7 | 727.9 | 727.1 | 727.9 | 728.7 | 729.6 | 730.4 | 730.5 | 729.9 | 729.2 |
| 180° | 728.3 | 728.3 | 728.3 | 728.3 | 728.3 | 728.3 | 728.3 | 728.3 | 728.3 | 728.3 | 728.3 |



TEST NUMBER: P331384-840

CATALOG NUMBER: S122DIP-S865D530U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1743.5 | 1743.5 | 1743.5 | 1743.5 | 1743.5 | 1743.5 | 1743.5 | 1743.5 | 1743.5 | 1743.5 | 1743.5 |
| 2.5° | 1675.5 | 1681.4 | 1690.5 | 1700.2 | 1706.1 | 1717.3 | 1720.5 | 1725.9 | 1730.7 | 1742.0 | 1753.7 |
| 5° | 1578.7 | 1588.1 | 1610.2 | 1622.2 | 1639.0 | 1658.5 | 1671.2 | 1684.7 | 1699.4 | 1724.8 | 1748.3 |
| 7.5° | 1475.0 | 1490.7 | 1518.1 | 1540.7 | 1564.5 | 1592.5 | 1612.6 | 1639.0 | 1661.0 | 1697.0 | 1731.2 |
| 10° | 1405.8 | 1427.9 | 1452.8 | 1479.6 | 1513.1 | 1542.6 | 1570.7 | 1604.2 | 1631.0 | 1673.9 | 1714.1 |
| 12.5° | 1343.6 | 1347.1 | 1382.5 | 1412.0 | 1457.8 | 1494.3 | 1526.7 | 1569.9 | 1596.2 | 1647.1 | 1689.4 |
| 15° | 1235.0 | 1255.1 | 1287.3 | 1310.7 | 1364.9 | 1411.2 | 1456.8 | 1501.7 | 1531.9 | 1594.8 | 1650.4 |
| 17.5° | 1143.5 | 1162.0 | 1194.9 | 1233.3 | 1272.3 | 1318.4 | 1377.4 | 1424.6 | 1465.6 | 1537.6 | 1603.4 |
| 20° | 1085.5 | 1108.3 | 1141.9 | 1181.3 | 1215.6 | 1265.8 | 1316.8 | 1371.0 | 1415.2 | 1496.3 | 1573.4 |
| 22.5° | 1036.2 | 1054.2 | 1081.3 | 1120.2 | 1157.6 | 1203.7 | 1259.4 | 1318.5 | 1364.8 | 1452.4 | 1530.5 |
| 25° | 966.9 | 981.7 | 999.1 | 1031.3 | 1073.5 | 1123.8 | 1167.3 | 1232.3 | 1300.0 | 1381.7 | 1476.2 |
| 27.5° | 904.5 | 914.9 | 930.4 | 958.7 | 991.4 | 1038.3 | 1086.7 | 1148.4 | 1216.5 | 1305.3 | 1404.9 |
| 30° | 866.5 | 873.1 | 888.6 | 912.0 | 944.1 | 981.0 | 1030.0 | 1088.9 | 1158.6 | 1248.4 | 1347.6 |
| 32.5° | 833.2 | 839.4 | 849.4 | 871.8 | 899.7 | 931.2 | 975.2 | 1034.2 | 1100.7 | 1188.9 | 1298.8 |
| 35° | 783.4 | 788.0 | 796.8 | 814.9 | 830.2 | 861.1 | 898.0 | 951.5 | 1013.8 | 1098.3 | 1212.2 |
| 37.5° | 733.7 | 740.0 | 745.4 | 753.1 | 772.8 | 793.1 | 825.2 | 870.4 | 931.6 | 1016.8 | 1125.4 |
| 40° | 700.9 | 706.3 | 714.3 | 717.7 | 733.8 | 751.8 | 778.0 | 819.5 | 881.2 | 958.9 | 1064.8 |
| 42.5° | 667.7 | 673.1 | 677.8 | 681.8 | 695.7 | 711.7 | 735.1 | 770.7 | 825.5 | 901.0 | 1005.8 |
| 45° | 622.5 | 623.2 | 627.8 | 635.2 | 642.0 | 653.4 | 670.0 | 700.9 | 743.2 | 814.2 | 909.3 |
| 47.5° | 576.6 | 577.4 | 578.2 | 581.5 | 588.9 | 599.2 | 610.4 | 635.4 | 673.2 | 729.8 | 822.4 |
| 50° | 546.1 | 544.8 | 546.1 | 548.8 | 553.5 | 562.2 | 574.9 | 593.0 | 623.9 | 676.8 | 761.9 |
| 52.5° | 516.6 | 516.3 | 515.5 | 516.6 | 520.3 | 526.2 | 535.2 | 550.7 | 578.2 | 626.9 | 701.9 |
| 55° | 471.7 | 468.4 | 469.1 | 466.4 | 472.4 | 473.7 | 480.5 | 493.2 | 517.4 | 550.8 | 621.2 |
| 57.5° | 423.9 | 421.1 | 418.2 | 417.4 | 416.8 | 420.4 | 425.8 | 435.9 | 454.3 | 483.6 | 540.8 |
| 60° | 393.3 | 390.0 | 386.0 | 384.7 | 384.7 | 386.7 | 389.3 | 396.7 | 414.1 | 440.3 | 487.2 |
| 62.5° | 362.2 | 358.4 | 356.0 | 352.4 | 351.4 | 353.5 | 356.1 | 361.3 | 374.0 | 398.4 | 438.9 |
| 65° | 314.3 | 309.6 | 306.2 | 305.6 | 304.3 | 302.3 | 303.6 | 308.9 | 318.9 | 338.4 | 370.5 |
| 67.5° | 266.2 | 261.8 | 260.9 | 257.0 | 255.2 | 255.4 | 255.2 | 259.7 | 265.8 | 282.6 | 306.5 |
| 70° | 234.5 | 231.2 | 229.8 | 226.5 | 225.2 | 223.8 | 222.5 | 226.5 | 232.6 | 246.6 | 267.4 |
| 72.5° | 202.4 | 199.5 | 196.6 | 193.8 | 194.1 | 192.7 | 192.5 | 194.9 | 199.9 | 212.8 | 228.7 |
| 75° | 156.1 | 156.8 | 153.5 | 150.1 | 149.5 | 148.0 | 148.0 | 150.1 | 152.1 | 162.2 | 174.9 |
| 77.5° | 113.2 | 112.7 | 109.9 | 108.9 | 108.2 | 106.6 | 108.2 | 109.5 | 110.6 | 117.2 | 126.6 |
| 80° | 86.4 | 86.4 | 83.1 | 83.1 | 82.4 | 80.4 | 82.4 | 81.1 | 83.7 | 90.5 | 97.1 |
| 82.5° | 61.8 | 60.7 | 60.6 | 59.5 | 59.4 | 57.9 | 58.9 | 60.2 | 61.2 | 65.8 | 69.8 |
| 85° | 30.2 | 30.2 | 29.5 | 28.8 | 29.5 | 28.8 | 29.5 | 30.2 | 30.8 | 32.8 | 36.2 |
| 87.5° | 8.7 | 9.1 | 9.4 | 9.8 | 9.6 | 9.9 | 10.2 | 10.5 | 11.3 | 11.6 | 11.9 |
| 90° | 11.1 | 10.5 | 9.6 | 8.7 | 7.8 | 6.8 | 5.7 | 4.3 | 3.1 | 1.8 | 0.5 |
| 92.5° | 12.5 | 12.2 | 11.7 | 11.3 | 10.8 | 10.4 | 10.2 | 10.3 | 10.4 | 10.5 | 10.6 |
| 95° | 21.1 | 20.6 | 19.7 | 18.9 | 18.1 | 17.3 | 18.8 | 22.6 | 26.6 | 30.4 | 34.2 |
| 97.5° | 28.0 | 27.5 | 25.7 | 23.7 | 21.8 | 19.9 | 24.4 | 35.3 | 46.3 | 57.1 | 68.0 |
| 100° | 31.0 | 30.0 | 28.1 | 26.1 | 24.0 | 22.1 | 29.1 | 45.1 | 61.2 | 77.3 | 93.3 |
| 102.5° | 32.1 | 30.9 | 47.6 | 64.2 | 80.9 | 97.5 | 107.6 | 110.9 | 114.3 | 117.8 | 121.1 |
| 105° | 33.4 | 32.1 | 64.1 | 96.1 | 128.1 | 160.1 | 174.3 | 170.8 | 167.2 | 163.7 | 160.2 |
| 107.5° | 43.7 | 45.0 | 83.3 | 121.7 | 160.1 | 198.3 | 216.1 | 213.3 | 210.5 | 207.6 | 204.8 |
| 110° | 80.5 | 92.2 | 126.0 | 160.0 | 193.8 | 227.6 | 243.3 | 240.9 | 238.4 | 235.9 | 233.5 |



TEST NUMBER: P331384-840

CATALOG NUMBER: S122DIP-S865D530U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 189.9 | 232.7 | 241.0 | 249.3 | 257.7 | 266.1 | 269.1 | 267.0 | 264.8 | 262.7 | 260.4 |
| 115° | 270.9 | 325.2 | 322.2 | 319.3 | 316.4 | 313.5 | 311.0 | 309.0 | 307.0 | 305.0 | 303.1 |
| 117.5° | 347.1 | 360.1 | 358.2 | 356.2 | 354.2 | 352.1 | 350.0 | 347.8 | 345.6 | 343.4 | 341.1 |
| 120° | 387.7 | 386.3 | 384.2 | 382.1 | 380.0 | 377.9 | 376.0 | 374.2 | 372.4 | 370.6 | 368.9 |
| 122.5° | 412.0 | 411.2 | 408.9 | 406.6 | 404.2 | 402.0 | 399.9 | 398.1 | 396.3 | 394.4 | 392.5 |
| 125° | 446.2 | 445.4 | 443.1 | 440.9 | 438.7 | 436.5 | 434.5 | 433.0 | 431.5 | 430.0 | 428.5 |
| 127.5° | 477.3 | 476.2 | 474.4 | 472.8 | 471.1 | 469.5 | 467.8 | 466.1 | 464.4 | 462.7 | 461.0 |
| 130° | 497.3 | 495.9 | 494.6 | 493.3 | 492.1 | 490.8 | 489.2 | 487.4 | 485.4 | 483.5 | 481.7 |
| 132.5° | 516.8 | 515.7 | 514.4 | 513.2 | 511.9 | 510.6 | 509.2 | 507.6 | 505.9 | 504.3 | 502.8 |
| 135° | 544.5 | 543.3 | 542.3 | 541.3 | 540.2 | 539.2 | 537.7 | 535.8 | 533.9 | 532.1 | 530.2 |
| 137.5° | 570.4 | 569.2 | 567.9 | 566.8 | 565.6 | 564.4 | 563.1 | 561.8 | 560.5 | 559.2 | 558.0 |
| 140° | 587.1 | 586.0 | 584.7 | 583.5 | 582.2 | 580.9 | 579.8 | 578.9 | 577.9 | 576.9 | 576.0 |
| 142.5° | 602.6 | 601.7 | 600.2 | 598.6 | 597.2 | 595.7 | 594.6 | 593.7 | 592.9 | 592.1 | 591.2 |
| 145° | 624.3 | 623.5 | 621.5 | 619.5 | 617.5 | 615.5 | 614.6 | 614.7 | 614.8 | 614.9 | 615.0 |
| 147.5° | 643.3 | 642.7 | 640.7 | 638.7 | 636.7 | 634.8 | 634.0 | 634.5 | 634.9 | 635.3 | 635.8 |
| 150° | 654.7 | 654.0 | 652.2 | 650.3 | 648.4 | 646.5 | 646.0 | 646.8 | 647.6 | 648.4 | 649.2 |
| 152.5° | 665.3 | 664.6 | 662.8 | 661.1 | 659.2 | 657.4 | 657.0 | 657.9 | 658.8 | 659.7 | 660.7 |
| 155° | 679.5 | 678.8 | 677.4 | 676.0 | 674.6 | 673.2 | 673.0 | 674.1 | 675.1 | 676.2 | 677.2 |
| 157.5° | 691.4 | 690.6 | 689.6 | 688.6 | 687.6 | 686.7 | 686.6 | 687.5 | 688.4 | 689.3 | 690.1 |
| 160° | 698.5 | 697.8 | 697.1 | 696.4 | 695.7 | 695.0 | 695.0 | 695.7 | 696.4 | 697.1 | 697.8 |
| 162.5° | 704.9 | 704.1 | 703.5 | 702.9 | 702.3 | 701.7 | 701.8 | 702.4 | 703.1 | 703.8 | 704.5 |
| 165° | 712.9 | 712.0 | 711.7 | 711.2 | 710.9 | 710.6 | 710.7 | 711.4 | 712.2 | 712.9 | 713.6 |
| 167.5° | 719.4 | 718.6 | 718.3 | 718.0 | 717.6 | 717.3 | 717.5 | 718.2 | 718.9 | 719.6 | 720.3 |
| 170° | 722.9 | 722.1 | 721.8 | 721.5 | 721.3 | 721.0 | 721.3 | 722.1 | 722.8 | 723.5 | 724.1 |
| 172.5° | 725.4 | 724.6 | 724.3 | 724.1 | 723.9 | 723.6 | 723.9 | 724.6 | 725.3 | 726.0 | 726.7 |
| 175° | 728.1 | 727.3 | 727.0 | 726.8 | 726.6 | 726.4 | 726.6 | 727.5 | 728.3 | 729.1 | 729.9 |
| 177.5° | 728.6 | 727.9 | 727.8 | 727.7 | 727.6 | 727.5 | 727.8 | 728.5 | 729.1 | 729.8 | 730.4 |
| 180° | 728.3 | 728.3 | 728.3 | 728.3 | 728.3 | 728.3 | 728.3 | 728.3 | 728.3 | 728.3 | 728.3 |



TEST NUMBER: P331384-840

CATALOG NUMBER: S122DIP-S865D530U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1743.5 | 1743.5 | 1743.5 | 1743.5 | 1743.5 | 1743.5 | 1743.5 | 1743.5 | 1743.5 | 1743.5 | 1743.5 |
| 2.5° | 1752.7 | 1755.3 | 1763.9 | 1772.5 | 1782.2 | 1784.8 | 1789.2 | 1785.4 | 1784.3 | 1794.5 | 1802.0 |
| 5° | 1757.7 | 1769.7 | 1793.2 | 1814.6 | 1832.7 | 1845.4 | 1858.9 | 1864.2 | 1874.2 | 1888.3 | 1905.7 |
| 7.5° | 1752.0 | 1775.4 | 1812.3 | 1843.6 | 1877.6 | 1902.1 | 1921.3 | 1937.6 | 1957.5 | 1984.2 | 2013.3 |
| 10° | 1745.6 | 1777.1 | 1822.0 | 1860.2 | 1901.7 | 1933.2 | 1959.3 | 1984.8 | 2014.3 | 2051.1 | 2089.3 |
| 12.5° | 1733.8 | 1771.2 | 1827.4 | 1872.5 | 1925.8 | 1956.8 | 1992.1 | 2047.0 | 2078.6 | 2130.0 | 2183.7 |
| 15° | 1710.1 | 1751.6 | 1830.0 | 1885.6 | 1945.9 | 2004.9 | 2069.9 | 2122.2 | 2174.4 | 2204.6 | 2280.4 |
| 17.5° | 1674.9 | 1735.9 | 1822.6 | 1887.5 | 1964.2 | 2057.1 | 2130.1 | 2189.3 | 2249.7 | 2298.6 | 2336.5 |
| 20° | 1646.4 | 1712.7 | 1811.9 | 1889.7 | 1980.7 | 2080.6 | 2164.4 | 2224.7 | 2276.9 | 2317.8 | 2341.3 |
| 22.5° | 1610.5 | 1693.9 | 1790.5 | 1881.6 | 1997.9 | 2096.7 | 2184.7 | 2232.2 | 2275.9 | 2295.8 | 2304.8 |
| 25° | 1554.0 | 1654.5 | 1763.7 | 1874.9 | 2006.3 | 2110.8 | 2191.2 | 2220.0 | 2232.7 | 2213.3 | 2181.1 |
| 27.5° | 1493.0 | 1605.0 | 1732.7 | 1862.3 | 2001.1 | 2101.6 | 2159.3 | 2154.7 | 2133.1 | 2070.3 | 2020.0 |
| 30° | 1447.4 | 1570.7 | 1708.1 | 1849.5 | 1988.8 | 2086.7 | 2120.2 | 2086.7 | 2037.7 | 1967.4 | 1895.7 |
| 32.5° | 1399.7 | 1527.3 | 1681.8 | 1831.2 | 1966.3 | 2052.3 | 2059.6 | 2002.0 | 1926.2 | 1846.2 | 1756.9 |
| 35° | 1327.5 | 1465.5 | 1632.3 | 1790.5 | 1918.4 | 1972.8 | 1940.6 | 1838.8 | 1749.0 | 1639.7 | 1517.7 |
| 37.5° | 1245.9 | 1398.3 | 1565.6 | 1730.8 | 1846.7 | 1861.0 | 1781.1 | 1673.9 | 1547.2 | 1418.9 | 1275.4 |
| 40° | 1184.8 | 1346.3 | 1518.4 | 1685.3 | 1787.8 | 1773.0 | 1671.2 | 1553.3 | 1402.5 | 1245.7 | 1112.4 |
| 42.5° | 1130.0 | 1291.5 | 1466.9 | 1630.6 | 1712.7 | 1672.2 | 1553.3 | 1408.6 | 1246.5 | 1098.8 | 976.7 |
| 45° | 1035.3 | 1201.4 | 1381.1 | 1539.2 | 1586.1 | 1513.1 | 1355.6 | 1194.8 | 1035.3 | 912.0 | 815.5 |
| 47.5° | 943.3 | 1107.6 | 1285.5 | 1424.5 | 1441.1 | 1342.8 | 1170.7 | 1005.3 | 868.2 | 767.8 | 699.7 |
| 50° | 875.9 | 1040.7 | 1216.9 | 1340.9 | 1335.4 | 1216.9 | 1040.0 | 882.5 | 767.9 | 686.8 | 641.3 |
| 52.5° | 815.3 | 971.0 | 1140.2 | 1252.9 | 1224.6 | 1095.2 | 926.3 | 786.6 | 692.4 | 628.9 | 587.6 |
| 55° | 721.0 | 865.1 | 1025.9 | 1116.4 | 1064.1 | 920.7 | 778.0 | 665.4 | 595.7 | 548.2 | 515.9 |
| 57.5° | 627.4 | 762.5 | 900.2 | 955.9 | 898.2 | 765.8 | 646.8 | 565.1 | 512.7 | 477.5 | 456.6 |
| 60° | 569.6 | 687.5 | 810.1 | 858.4 | 789.4 | 671.5 | 577.6 | 504.6 | 462.3 | 433.5 | 414.8 |
| 62.5° | 511.7 | 617.3 | 733.0 | 759.2 | 696.1 | 596.4 | 513.3 | 452.6 | 417.9 | 392.2 | 374.6 |
| 65° | 432.9 | 519.3 | 607.1 | 624.5 | 566.2 | 489.2 | 423.5 | 384.0 | 353.1 | 334.4 | 320.3 |
| 67.5° | 355.0 | 424.4 | 486.7 | 500.7 | 449.6 | 396.2 | 348.7 | 314.3 | 293.4 | 277.8 | 265.9 |
| 70° | 308.9 | 363.9 | 414.8 | 426.2 | 385.3 | 337.7 | 301.5 | 274.1 | 255.3 | 241.9 | 230.6 |
| 72.5° | 260.1 | 306.0 | 348.3 | 356.0 | 322.6 | 286.3 | 256.5 | 234.9 | 218.3 | 209.7 | 198.8 |
| 75° | 199.0 | 225.8 | 258.6 | 260.6 | 238.5 | 216.4 | 193.7 | 179.6 | 170.9 | 160.2 | 154.8 |
| 77.5° | 140.5 | 161.5 | 180.3 | 183.9 | 170.8 | 155.7 | 143.0 | 131.9 | 124.5 | 119.6 | 114.6 |
| 80° | 107.2 | 124.0 | 132.0 | 136.7 | 127.3 | 116.6 | 109.3 | 101.9 | 97.1 | 93.8 | 90.5 |
| 82.5° | 76.6 | 86.9 | 94.5 | 98.1 | 93.0 | 86.5 | 79.2 | 75.0 | 71.4 | 68.6 | 67.5 |
| 85° | 38.9 | 43.5 | 48.3 | 49.6 | 48.3 | 45.5 | 41.5 | 41.5 | 39.5 | 38.9 | 38.9 |
| 87.5° | 13.7 | 16.2 | 16.5 | 18.3 | 17.5 | 17.7 | 17.8 | 17.5 | 17.2 | 16.7 | 16.3 |
| 90° | 1.8 | 3.1 | 4.3 | 5.7 | 6.8 | 7.8 | 8.7 | 9.6 | 10.5 | 11.1 | 11.7 |
| 92.5° | 10.5 | 10.4 | 10.3 | 10.2 | 10.4 | 10.8 | 11.3 | 11.7 | 12.2 | 12.5 | 12.8 |
| 95° | 30.4 | 26.6 | 22.6 | 18.8 | 17.3 | 18.1 | 18.9 | 19.7 | 20.6 | 21.1 | 21.7 |
| 97.5° | 57.1 | 46.3 | 35.3 | 24.4 | 19.9 | 21.8 | 23.7 | 25.7 | 27.5 | 28.0 | 28.5 |
| 100° | 77.3 | 61.2 | 45.1 | 29.1 | 22.1 | 24.0 | 26.1 | 28.1 | 30.0 | 31.0 | 31.9 |
| 102.5° | 117.8 | 114.3 | 110.9 | 107.6 | 97.5 | 80.9 | 64.2 | 47.6 | 30.9 | 32.1 | 33.3 |
| 105° | 163.7 | 167.2 | 170.8 | 174.3 | 160.1 | 128.1 | 96.1 | 64.1 | 32.1 | 33.4 | 34.7 |
| 107.5° | 207.6 | 210.5 | 213.3 | 216.1 | 198.3 | 160.1 | 121.7 | 83.3 | 45.0 | 43.7 | 42.4 |
| 110° | 235.9 | 238.4 | 240.9 | 243.3 | 227.6 | 193.8 | 160.0 | 126.0 | 92.2 | 80.5 | 68.8 |



TEST NUMBER: P331384-840

CATALOG NUMBER: S122DIP-S865D530U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 262.7 | 264.8 | 267.0 | 269.1 | 266.1 | 257.7 | 249.3 | 241.0 | 232.7 | 189.9 | 147.1 |
| 115° | 305.0 | 307.0 | 309.0 | 311.0 | 313.5 | 316.4 | 319.3 | 322.2 | 325.2 | 270.9 | 216.7 |
| 117.5° | 343.4 | 345.6 | 347.8 | 350.0 | 352.1 | 354.2 | 356.2 | 358.2 | 360.1 | 347.1 | 334.0 |
| 120° | 370.6 | 372.4 | 374.2 | 376.0 | 377.9 | 380.0 | 382.1 | 384.2 | 386.3 | 387.7 | 389.1 |
| 122.5° | 394.4 | 396.3 | 398.1 | 399.9 | 402.0 | 404.2 | 406.6 | 408.9 | 411.2 | 412.0 | 412.8 |
| 125° | 430.0 | 431.5 | 433.0 | 434.5 | 436.5 | 438.7 | 440.9 | 443.1 | 445.4 | 446.2 | 447.0 |
| 127.5° | 462.7 | 464.4 | 466.1 | 467.8 | 469.5 | 471.1 | 472.8 | 474.4 | 476.2 | 477.3 | 478.5 |
| 130° | 483.5 | 485.4 | 487.4 | 489.2 | 490.8 | 492.1 | 493.3 | 494.6 | 495.9 | 497.3 | 498.5 |
| 132.5° | 504.3 | 505.9 | 507.6 | 509.2 | 510.6 | 511.9 | 513.2 | 514.4 | 515.7 | 516.8 | 518.0 |
| 135° | 532.1 | 533.9 | 535.8 | 537.7 | 539.2 | 540.2 | 541.3 | 542.3 | 543.3 | 544.5 | 545.7 |
| 137.5° | 559.2 | 560.5 | 561.8 | 563.1 | 564.4 | 565.6 | 566.8 | 567.9 | 569.2 | 570.4 | 571.5 |
| 140° | 576.9 | 577.9 | 578.9 | 579.8 | 580.9 | 582.2 | 583.5 | 584.7 | 586.0 | 587.1 | 588.1 |
| 142.5° | 592.1 | 592.9 | 593.7 | 594.6 | 595.7 | 597.2 | 598.6 | 600.2 | 601.7 | 602.6 | 603.6 |
| 145° | 614.9 | 614.8 | 614.7 | 614.6 | 615.5 | 617.5 | 619.5 | 621.5 | 623.5 | 624.3 | 625.1 |
| 147.5° | 635.3 | 634.9 | 634.5 | 634.0 | 634.8 | 636.7 | 638.7 | 640.7 | 642.7 | 643.3 | 643.9 |
| 150° | 648.4 | 647.6 | 646.8 | 646.0 | 646.5 | 648.4 | 650.3 | 652.2 | 654.0 | 654.7 | 655.4 |
| 152.5° | 659.7 | 658.8 | 657.9 | 657.0 | 657.4 | 659.2 | 661.1 | 662.8 | 664.6 | 665.3 | 666.0 |
| 155° | 676.2 | 675.1 | 674.1 | 673.0 | 673.2 | 674.6 | 676.0 | 677.4 | 678.8 | 679.5 | 680.2 |
| 157.5° | 689.3 | 688.4 | 687.5 | 686.6 | 686.7 | 687.6 | 688.6 | 689.6 | 690.6 | 691.4 | 692.2 |
| 160° | 697.1 | 696.4 | 695.7 | 695.0 | 695.0 | 695.7 | 696.4 | 697.1 | 697.8 | 698.5 | 699.1 |
| 162.5° | 703.8 | 703.1 | 702.4 | 701.8 | 701.7 | 702.3 | 702.9 | 703.5 | 704.1 | 704.9 | 705.7 |
| 165° | 712.9 | 712.2 | 711.4 | 710.7 | 710.6 | 710.9 | 711.2 | 711.7 | 712.0 | 712.9 | 713.7 |
| 167.5° | 719.6 | 718.9 | 718.2 | 717.5 | 717.3 | 717.6 | 718.0 | 718.3 | 718.6 | 719.4 | 720.2 |
| 170° | 723.5 | 722.8 | 722.1 | 721.3 | 721.0 | 721.3 | 721.5 | 721.8 | 722.1 | 722.9 | 723.7 |
| 172.5° | 726.0 | 725.3 | 724.6 | 723.9 | 723.6 | 723.9 | 724.1 | 724.3 | 724.6 | 725.4 | 726.2 |
| 175° | 729.1 | 728.3 | 727.5 | 726.6 | 726.4 | 726.6 | 726.8 | 727.0 | 727.3 | 728.1 | 728.9 |
| 177.5° | 729.8 | 729.1 | 728.5 | 727.8 | 727.5 | 727.6 | 727.7 | 727.8 | 727.9 | 728.6 | 729.2 |
| 180° | 728.3 | 728.3 | 728.3 | 728.3 | 728.3 | 728.3 | 728.3 | 728.3 | 728.3 | 728.3 | 728.3 |



TEST NUMBER: P331384-840

CATALOG NUMBER: S122DIP-S865D530U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1743.5 | 1743.5 | 1743.5 | 1743.5 | 1743.5 | 1743.5 | 1743.5 |
| 2.5° | 1808.5 | 1815.9 | 1815.9 | 1817.1 | 1825.6 | 1824.5 | 1824.0 |
| 5° | 1924.5 | 1935.9 | 1937.2 | 1949.3 | 1957.3 | 1954.7 | 1947.3 |
| 7.5° | 2034.0 | 2055.2 | 2071.2 | 2080.2 | 2090.8 | 2097.4 | 2094.5 |
| 10° | 2120.8 | 2151.6 | 2170.4 | 2183.1 | 2198.6 | 2210.0 | 2205.9 |
| 12.5° | 2199.7 | 2236.3 | 2262.1 | 2283.9 | 2285.9 | 2300.6 | 2290.7 |
| 15° | 2322.6 | 2361.4 | 2365.4 | 2381.5 | 2394.3 | 2392.9 | 2393.6 |
| 17.5° | 2363.2 | 2375.6 | 2378.1 | 2378.5 | 2378.7 | 2374.0 | 2363.8 |
| 20° | 2348.6 | 2344.0 | 2332.6 | 2323.9 | 2308.5 | 2306.4 | 2293.1 |
| 22.5° | 2280.1 | 2265.2 | 2236.6 | 2217.8 | 2193.7 | 2187.5 | 2183.7 |
| 25° | 2145.0 | 2112.1 | 2066.6 | 2023.0 | 2010.9 | 1987.5 | 1994.2 |
| 27.5° | 1959.6 | 1908.4 | 1859.1 | 1823.7 | 1791.7 | 1756.6 | 1766.7 |
| 30° | 1829.4 | 1771.7 | 1702.0 | 1648.4 | 1614.3 | 1580.7 | 1574.7 |
| 32.5° | 1673.9 | 1589.4 | 1511.8 | 1464.5 | 1412.2 | 1391.0 | 1367.8 |
| 35° | 1405.8 | 1323.4 | 1246.4 | 1180.0 | 1141.9 | 1112.4 | 1085.5 |
| 37.5° | 1164.8 | 1069.9 | 1007.6 | 953.9 | 926.3 | 909.5 | 913.7 |
| 40° | 1015.2 | 932.1 | 886.6 | 845.7 | 820.2 | 808.1 | 810.8 |
| 42.5° | 894.0 | 831.8 | 794.4 | 766.3 | 748.3 | 741.6 | 740.0 |
| 45° | 756.5 | 721.6 | 690.8 | 674.8 | 666.1 | 658.7 | 654.0 |
| 47.5° | 662.7 | 634.3 | 616.9 | 607.3 | 599.8 | 592.2 | 592.1 |
| 50° | 606.4 | 587.6 | 575.6 | 565.5 | 559.6 | 554.2 | 558.9 |
| 52.5° | 563.5 | 546.4 | 534.3 | 525.3 | 523.1 | 518.3 | 518.2 |
| 55° | 499.9 | 486.5 | 477.8 | 469.7 | 465.7 | 463.0 | 459.7 |
| 57.5° | 442.0 | 429.3 | 421.2 | 416.2 | 408.5 | 405.8 | 404.8 |
| 60° | 400.7 | 390.6 | 382.6 | 375.9 | 372.5 | 367.2 | 367.2 |
| 62.5° | 362.6 | 352.6 | 345.1 | 340.0 | 334.5 | 332.3 | 333.0 |
| 65° | 307.6 | 299.5 | 292.2 | 286.8 | 285.5 | 281.4 | 282.8 |
| 67.5° | 256.9 | 251.6 | 243.8 | 240.9 | 238.3 | 236.1 | 234.5 |
| 70° | 223.2 | 217.8 | 213.8 | 209.7 | 207.7 | 207.7 | 207.7 |
| 72.5° | 194.7 | 188.3 | 185.9 | 180.8 | 182.0 | 179.9 | 177.7 |
| 75° | 150.8 | 146.7 | 144.7 | 142.7 | 139.4 | 139.4 | 139.4 |
| 77.5° | 111.0 | 109.8 | 107.3 | 105.2 | 104.4 | 103.7 | 104.0 |
| 80° | 85.7 | 85.1 | 83.7 | 83.7 | 82.4 | 81.8 | 80.4 |
| 82.5° | 65.9 | 64.2 | 63.4 | 62.8 | 62.6 | 62.4 | 62.2 |
| 85° | 37.6 | 36.2 | 36.2 | 36.9 | 35.5 | 35.5 | 36.2 |
| 87.5° | 17.0 | 17.1 | 16.6 | 16.7 | 17.3 | 16.8 | 16.8 |
| 90° | 12.3 | 12.9 | 13.3 | 13.5 | 13.7 | 14.0 | 14.2 |
| 92.5° | 13.1 | 13.4 | 13.6 | 13.8 | 13.9 | 14.1 | 14.2 |
| 95° | 22.3 | 22.9 | 23.1 | 23.0 | 22.9 | 22.8 | 22.6 |
| 97.5° | 28.9 | 29.4 | 29.7 | 29.8 | 30.0 | 30.1 | 30.3 |
| 100° | 32.8 | 33.8 | 34.3 | 34.6 | 34.8 | 35.0 | 35.3 |
| 102.5° | 34.5 | 35.7 | 36.6 | 36.9 | 37.2 | 37.5 | 37.9 |
| 105° | 36.1 | 37.3 | 38.2 | 38.7 | 39.1 | 39.6 | 40.1 |
| 107.5° | 41.1 | 39.8 | 39.4 | 39.8 | 40.3 | 40.7 | 41.2 |
| 110° | 57.1 | 45.3 | 39.8 | 40.2 | 40.7 | 41.2 | 41.6 |



TEST NUMBER: P331384-840

CATALOG NUMBER: S122DIP-S865D530U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 104.4 | 61.7 | 40.6 | 40.9 | 41.3 | 41.7 | 42.0 |
| 115° | 162.5 | 108.3 | 77.0 | 68.5 | 60.1 | 51.6 | 43.2 |
| 117.5° | 320.8 | 307.7 | 287.3 | 259.5 | 231.9 | 204.2 | 176.4 |
| 120° | 390.5 | 391.9 | 384.8 | 368.9 | 353.1 | 337.3 | 321.4 |
| 122.5° | 413.7 | 414.5 | 413.4 | 410.4 | 407.3 | 404.2 | 401.1 |
| 125° | 447.8 | 448.6 | 449.2 | 449.6 | 449.9 | 450.3 | 450.6 |
| 127.5° | 479.7 | 480.9 | 481.5 | 481.6 | 481.7 | 481.7 | 481.8 |
| 130° | 499.8 | 501.1 | 501.7 | 501.5 | 501.4 | 501.3 | 501.2 |
| 132.5° | 519.1 | 520.2 | 520.6 | 520.5 | 520.4 | 520.3 | 520.2 |
| 135° | 546.8 | 548.1 | 548.6 | 548.3 | 548.1 | 547.9 | 547.5 |
| 137.5° | 572.6 | 573.8 | 574.1 | 573.7 | 573.3 | 573.0 | 572.6 |
| 140° | 589.2 | 590.3 | 590.5 | 589.9 | 589.4 | 588.8 | 588.1 |
| 142.5° | 604.5 | 605.5 | 605.7 | 605.1 | 604.5 | 603.9 | 603.3 |
| 145° | 625.9 | 626.7 | 626.8 | 626.3 | 625.7 | 625.1 | 624.5 |
| 147.5° | 644.5 | 645.1 | 645.1 | 644.7 | 644.2 | 643.7 | 643.2 |
| 150° | 656.1 | 656.8 | 656.9 | 656.3 | 655.7 | 655.1 | 654.6 |
| 152.5° | 666.7 | 667.4 | 667.3 | 666.6 | 665.8 | 665.0 | 664.3 |
| 155° | 681.0 | 681.7 | 681.5 | 680.5 | 679.6 | 678.7 | 677.7 |
| 157.5° | 693.0 | 693.8 | 693.8 | 692.8 | 691.9 | 690.9 | 690.0 |
| 160° | 699.8 | 700.5 | 700.5 | 699.7 | 698.9 | 698.0 | 697.2 |
| 162.5° | 706.5 | 707.3 | 707.2 | 706.2 | 705.2 | 704.2 | 703.2 |
| 165° | 714.5 | 715.3 | 715.3 | 714.5 | 713.7 | 712.9 | 712.0 |
| 167.5° | 721.1 | 722.0 | 721.9 | 720.7 | 719.7 | 718.6 | 717.6 |
| 170° | 724.5 | 725.3 | 725.2 | 724.1 | 723.1 | 722.1 | 720.9 |
| 172.5° | 727.0 | 727.8 | 727.7 | 726.7 | 725.6 | 724.6 | 723.5 |
| 175° | 729.7 | 730.5 | 730.4 | 729.2 | 728.0 | 726.9 | 725.7 |
| 177.5° | 729.9 | 730.5 | 730.4 | 729.6 | 728.7 | 727.9 | 727.1 |
| 180° | 728.3 | 728.3 | 728.3 | 728.3 | 728.3 | 728.3 | 728.3 |

(END OF REPORT)