

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: P331579-840

Luminaire Tested: **S122DIW-S865D1440U840-4F0-1E-UDD-A**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P331579-840
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: S122DIW-S865D1440U840-4F0-1E-UDD-A
Description: DEFINE 2 DIRECT-INDIRECT WALL MOUNT LED LUMINAIRE
DOWNLIGHT 865 LUMENS PER FOOT, ASYMMETRIC DIFFUSER
UPLIGHT 1440 LUMENS PER FOOT, NO LENS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9668.5 lumens
Efficiency: N/A
Efficacy: 126.2 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-Indirect

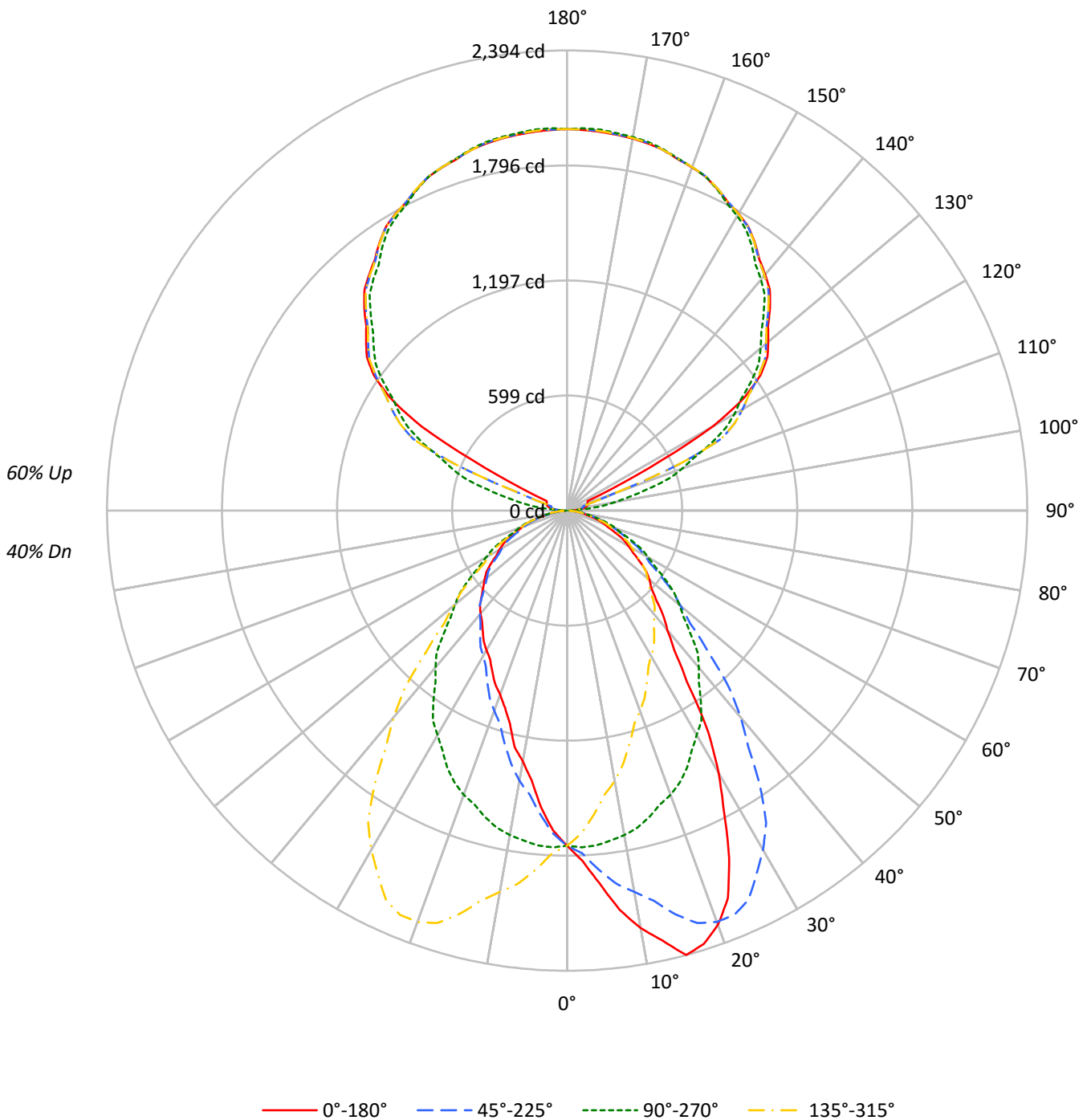
Input Watts (W): 76.6
Input Voltage (V): 120
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P331579-840

CATALOG NUMBER: S122DIW-S865D1440U840-4F0-1E-UDD-A

Luminous Intensity Polar Plot





TEST NUMBER: P331579-840

CATALOG NUMBER: S122DIW-S865D1440U840-4F0-1E-UDD-A

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|--|--|--|----|--|--|--|--|--|--|--|--|----|---|
| RF | 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 | 105 | 105 | 105 | 105 | 95 | 95 | 95 | 95 | 78 | 78 | 78 | 62 | 62 | 62 | 47 | 47 | 47 | 40 | | | | | | | | | | | | | | | | | | | | |
| 1 | 96 | 92 | 88 | 85 | 87 | 84 | 81 | 78 | 69 | 66 | 64 | 55 | 53 | 52 | 42 | 41 | 40 | 34 | | | | | | | | | | | | | | | | | | | | |
| 2 | 88 | 81 | 75 | 70 | 80 | 74 | 69 | 64 | 61 | 57 | 54 | 48 | 46 | 44 | 37 | 36 | 34 | 29 | | | | | | | | | | | | | | | | | | | | |
| 3 | 80 | 71 | 64 | 59 | 73 | 65 | 59 | 54 | 54 | 49 | 46 | 43 | 40 | 38 | 33 | 31 | 30 | 25 | | | | | | | | | | | | | | | | | | | | |
| 4 | 73 | 63 | 56 | 50 | 67 | 58 | 51 | 46 | 48 | 43 | 39 | 39 | 35 | 33 | 30 | 28 | 26 | 22 | | | | | | | | | | | | | | | | | | | | |
| 5 | 68 | 56 | 49 | 43 | 61 | 52 | 45 | 40 | 43 | 38 | 34 | 35 | 31 | 28 | 27 | 25 | 23 | 19 | | | | | | | | | | | | | | | | | | | | |
| 6 | 62 | 51 | 43 | 37 | 57 | 47 | 40 | 35 | 39 | 34 | 30 | 32 | 28 | 25 | 25 | 22 | 20 | 17 | | | | | | | | | | | | | | | | | | | | |
| 7 | 58 | 46 | 38 | 33 | 52 | 42 | 35 | 31 | 35 | 30 | 26 | 29 | 25 | 22 | 23 | 20 | 18 | 15 | | | | | | | | | | | | | | | | | | | | |
| 8 | 53 | 42 | 34 | 29 | 49 | 38 | 32 | 27 | 32 | 27 | 24 | 26 | 23 | 20 | 21 | 18 | 16 | 14 | | | | | | | | | | | | | | | | | | | | |
| 9 | 50 | 38 | 31 | 26 | 45 | 35 | 29 | 24 | 30 | 25 | 21 | 24 | 21 | 18 | 19 | 17 | 15 | 13 | | | | | | | | | | | | | | | | | | | | |
| 10 | 47 | 35 | 28 | 23 | 42 | 32 | 26 | 22 | 27 | 22 | 19 | 23 | 19 | 16 | 18 | 15 | 14 | 12 | | | | | | | | | | | | | | | | | | | | |

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: P331579-840

CATALOG NUMBER: S122DIW-S865D1440U840-4F0-1E-UDD-A

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 166.1 | 1.7 |
| 10°-20° | 482.7 | 5.0 |
| 20°-30° | 700.6 | 7.2 |
| 30°-40° | 739.3 | 7.6 |
| 40°-50° | 654.6 | 6.8 |
| 50°-60° | 522.4 | 5.4 |
| 60°-70° | 355.1 | 3.7 |
| 70°-80° | 182.0 | 1.9 |
| 80°-90° | 48.8 | 0.5 |
| 90°-100° | 66.2 | 0.7 |
| 100°-110° | 242.8 | 2.5 |
| 110°-120° | 649.0 | 6.7 |
| 120°-130° | 1071.4 | 11.1 |
| 130°-140° | 1139.4 | 11.8 |
| 140°-150° | 1059.0 | 11.0 |
| 150°-160° | 851.5 | 8.8 |
| 160°-170° | 548.7 | 5.7 |
| 170°-180° | 188.9 | 2.0 |
| 0°-30° | 1349.4 | 14.0 |
| 0°-40° | 2088.7 | 21.6 |
| 0°-60° | 3265.7 | 33.8 |
| 0°-90° | 3851.6 | 39.8 |
| 90°-120° | 958.1 | 9.9 |
| 90°-150° | 4227.9 | 43.7 |
| 90°-180° | 5817.0 | 60.2 |
| 0°-180° | 9668.5 | 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 | 41 |
| 90° | 39 | 1 | 39 | 1 | 39 | 19 |
| 95° | 62 | 93 | 62 | 93 | 62 | 58 |
| 105° | 109 | 437 | 109 | 437 | 109 | 114 |
| 115° | 118 | 826 | 118 | 826 | 118 | 295 |
| 125° | 1228 | 1168 | 1228 | 1168 | 1228 | 1063 |
| 135° | 1492 | 1445 | 1492 | 1445 | 1492 | 1150 |
| 145° | 1702 | 1676 | 1702 | 1676 | 1702 | 1064 |
| 155° | 1847 | 1846 | 1847 | 1846 | 1847 | 852 |
| 165° | 1940 | 1945 | 1940 | 1945 | 1940 | 548 |
| 175° | 1978 | 1989 | 1978 | 1989 | 1978 | 188 |
| 180° | 1985 | 1985 | 1985 | 1985 | 1985 | |



TEST NUMBER: P331579-840

CATALOG NUMBER: S122DIW-S865D1440U840-4F0-1E-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° | 21.7 | 21.6 | 22.0 | 21.3 | 21.2 | 21.5 | 21.2 | 20.3 | 20.5 | 20.8 | 20.8 |
| 90° | 38.8 | 38.2 | 37.5 | 36.9 | 36.3 | 35.1 | 33.5 | 31.9 | 30.3 | 28.7 | 26.2 |
| 92.5° | 38.8 | 38.4 | 38.0 | 37.7 | 37.3 | 36.7 | 35.9 | 34.9 | 34.1 | 33.3 | 32.0 |
| 95° | 61.8 | 62.1 | 62.4 | 62.7 | 63.0 | 62.4 | 60.8 | 59.2 | 57.6 | 56.0 | 53.8 |
| 97.5° | 82.4 | 82.1 | 81.7 | 81.3 | 80.9 | 80.1 | 78.8 | 77.6 | 76.2 | 74.9 | 69.8 |
| 100° | 96.2 | 95.6 | 94.9 | 94.3 | 93.7 | 92.1 | 89.6 | 86.9 | 84.4 | 81.9 | 76.4 |
| 102.5° | 103.1 | 102.2 | 101.3 | 100.5 | 99.6 | 97.5 | 94.1 | 90.8 | 87.5 | 84.1 | 129.6 |
| 105° | 109.2 | 107.9 | 106.6 | 105.3 | 104.0 | 101.7 | 98.2 | 94.6 | 91.1 | 87.7 | 174.7 |
| 107.5° | 112.3 | 111.1 | 109.8 | 108.5 | 107.2 | 108.4 | 111.9 | 115.5 | 119.1 | 122.7 | 227.1 |
| 110° | 113.5 | 112.2 | 110.9 | 109.7 | 108.4 | 123.7 | 155.6 | 187.5 | 219.4 | 251.4 | 343.6 |



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CATALOG NUMBER: S122DIW-S865D1440U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 114.6 | 113.6 | 112.6 | 111.6 | 110.5 | 168.2 | 284.7 | 401.1 | 517.6 | 634.0 | 656.7 |
| 115° | 117.8 | 140.8 | 163.7 | 186.7 | 209.6 | 295.1 | 442.8 | 590.7 | 738.4 | 886.2 | 878.2 |
| 117.5° | 480.9 | 556.3 | 631.9 | 707.4 | 782.9 | 838.6 | 874.3 | 910.1 | 945.8 | 981.6 | 976.0 |
| 120° | 876.2 | 919.2 | 962.3 | 1005.4 | 1048.4 | 1068.1 | 1064.3 | 1060.5 | 1056.6 | 1052.8 | 1047.0 |
| 122.5° | 1093.3 | 1101.7 | 1110.0 | 1118.3 | 1126.7 | 1129.7 | 1127.5 | 1125.2 | 1122.9 | 1120.5 | 1114.3 |
| 125° | 1228.0 | 1227.1 | 1226.1 | 1225.2 | 1224.2 | 1222.5 | 1220.3 | 1218.1 | 1215.9 | 1213.7 | 1207.6 |
| 127.5° | 1313.0 | 1312.8 | 1312.6 | 1312.4 | 1312.3 | 1310.5 | 1307.3 | 1304.0 | 1300.8 | 1297.6 | 1293.0 |
| 130° | 1365.8 | 1366.2 | 1366.5 | 1366.9 | 1367.2 | 1365.5 | 1362.1 | 1358.6 | 1355.0 | 1351.5 | 1348.0 |
| 132.5° | 1417.5 | 1418.0 | 1418.3 | 1418.6 | 1418.9 | 1417.5 | 1414.5 | 1411.5 | 1408.6 | 1405.5 | 1402.0 |
| 135° | 1492.3 | 1492.9 | 1493.6 | 1494.2 | 1494.8 | 1493.6 | 1490.4 | 1487.1 | 1484.0 | 1480.8 | 1477.9 |
| 137.5° | 1560.3 | 1561.5 | 1562.6 | 1563.6 | 1564.7 | 1563.7 | 1560.5 | 1557.4 | 1554.3 | 1551.2 | 1547.9 |
| 140° | 1602.9 | 1604.5 | 1606.1 | 1607.7 | 1609.2 | 1608.6 | 1605.8 | 1602.9 | 1600.0 | 1597.1 | 1593.7 |
| 142.5° | 1644.3 | 1645.9 | 1647.4 | 1649.0 | 1650.6 | 1650.1 | 1647.5 | 1644.9 | 1642.2 | 1639.6 | 1635.6 |
| 145° | 1702.0 | 1703.5 | 1705.2 | 1706.8 | 1708.4 | 1708.1 | 1705.8 | 1703.5 | 1701.3 | 1699.1 | 1693.6 |
| 147.5° | 1752.8 | 1754.1 | 1755.5 | 1756.9 | 1758.2 | 1758.1 | 1756.4 | 1754.7 | 1753.0 | 1751.4 | 1746.1 |
| 150° | 1783.8 | 1785.4 | 1787.1 | 1788.7 | 1790.2 | 1790.1 | 1788.2 | 1786.2 | 1784.3 | 1782.4 | 1777.3 |
| 152.5° | 1810.3 | 1812.4 | 1814.5 | 1816.5 | 1818.7 | 1818.8 | 1816.8 | 1814.9 | 1813.0 | 1811.1 | 1806.2 |
| 155° | 1847.0 | 1849.6 | 1852.2 | 1854.7 | 1857.2 | 1857.5 | 1855.6 | 1853.7 | 1851.8 | 1849.9 | 1846.1 |
| 157.5° | 1880.7 | 1883.1 | 1885.6 | 1888.1 | 1890.6 | 1890.8 | 1888.5 | 1886.4 | 1884.3 | 1882.1 | 1879.4 |
| 160° | 1900.2 | 1902.4 | 1904.6 | 1906.9 | 1909.1 | 1909.3 | 1907.3 | 1905.4 | 1903.5 | 1901.6 | 1899.7 |
| 162.5° | 1916.3 | 1919.0 | 1921.8 | 1924.5 | 1927.2 | 1927.5 | 1925.4 | 1923.2 | 1921.1 | 1918.8 | 1917.2 |
| 165° | 1940.4 | 1942.7 | 1944.9 | 1947.1 | 1949.3 | 1949.3 | 1947.1 | 1944.9 | 1942.7 | 1940.4 | 1939.4 |
| 167.5° | 1955.6 | 1958.5 | 1961.4 | 1964.3 | 1967.1 | 1967.4 | 1965.2 | 1963.0 | 1960.8 | 1958.5 | 1957.6 |
| 170° | 1964.8 | 1967.7 | 1970.5 | 1973.5 | 1976.3 | 1976.6 | 1974.4 | 1972.2 | 1969.9 | 1967.7 | 1967.0 |
| 172.5° | 1971.7 | 1974.6 | 1977.4 | 1980.3 | 1983.2 | 1983.5 | 1981.3 | 1979.0 | 1976.8 | 1974.6 | 1974.0 |
| 175° | 1977.7 | 1981.0 | 1984.1 | 1987.3 | 1990.5 | 1990.9 | 1988.7 | 1986.5 | 1984.3 | 1982.1 | 1981.5 |
| 177.5° | 1981.5 | 1983.8 | 1986.1 | 1988.3 | 1990.6 | 1990.9 | 1989.1 | 1987.3 | 1985.6 | 1983.8 | 1983.5 |
| 180° | 1984.9 | 1984.9 | 1984.9 | 1984.9 | 1984.9 | 1984.9 | 1984.9 | 1984.9 | 1984.9 | 1984.9 | 1984.9 |



TEST NUMBER: P331579-840

CATALOG NUMBER: S122DIW-S865D1440U840-4F0-1E-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° | 20.8 | 20.3 | 19.8 | 20.3 | 18.0 | 17.3 | 14.4 | 12.1 | 12.2 | 12.4 | 12.0 |
| 90° | 23.6 | 21.1 | 18.5 | 15.5 | 12.0 | 8.5 | 4.9 | 1.4 | 4.9 | 8.5 | 12.0 |
| 92.5° | 30.8 | 29.5 | 28.2 | 27.8 | 28.1 | 28.4 | 28.7 | 29.0 | 28.7 | 28.4 | 28.1 |
| 95° | 51.5 | 49.3 | 47.1 | 51.2 | 61.8 | 72.3 | 82.8 | 93.3 | 82.8 | 72.3 | 61.8 |
| 97.5° | 64.6 | 59.5 | 54.3 | 66.6 | 96.2 | 125.9 | 155.6 | 185.3 | 155.6 | 125.9 | 96.2 |
| 100° | 71.0 | 65.5 | 60.2 | 79.3 | 123.0 | 166.7 | 210.5 | 254.2 | 210.5 | 166.7 | 123.0 |
| 102.5° | 174.9 | 220.4 | 265.7 | 293.1 | 302.3 | 311.5 | 320.8 | 330.0 | 320.8 | 311.5 | 302.3 |
| 105° | 261.9 | 349.0 | 436.2 | 474.9 | 465.3 | 455.8 | 446.2 | 436.7 | 446.2 | 455.8 | 465.3 |
| 107.5° | 331.6 | 436.2 | 540.7 | 589.1 | 581.3 | 573.6 | 565.8 | 558.2 | 565.8 | 573.6 | 581.3 |
| 110° | 435.9 | 528.1 | 620.3 | 663.1 | 656.4 | 649.6 | 643.0 | 636.3 | 643.0 | 649.6 | 656.4 |



TEST NUMBER: P331579-840

CATALOG NUMBER: S122DIW-S865D1440U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 679.5 | 702.4 | 725.1 | 733.6 | 727.6 | 721.6 | 715.7 | 709.8 | 715.7 | 721.6 | 727.6 |
| 115° | 870.2 | 862.2 | 854.2 | 847.6 | 842.1 | 836.7 | 831.3 | 825.9 | 831.3 | 836.7 | 842.1 |
| 117.5° | 970.6 | 965.0 | 959.6 | 953.8 | 947.8 | 941.7 | 935.6 | 929.6 | 935.6 | 941.7 | 947.8 |
| 120° | 1041.3 | 1035.5 | 1029.8 | 1024.5 | 1019.8 | 1014.9 | 1010.2 | 1005.4 | 1010.2 | 1014.9 | 1019.8 |
| 122.5° | 1108.0 | 1101.8 | 1095.6 | 1089.9 | 1084.9 | 1079.8 | 1074.8 | 1069.8 | 1074.8 | 1079.8 | 1084.9 |
| 125° | 1201.5 | 1195.5 | 1189.4 | 1184.3 | 1180.1 | 1176.0 | 1171.8 | 1167.7 | 1171.8 | 1176.0 | 1180.1 |
| 127.5° | 1288.5 | 1283.9 | 1279.4 | 1274.9 | 1270.2 | 1265.7 | 1261.0 | 1256.5 | 1261.0 | 1265.7 | 1270.2 |
| 130° | 1344.5 | 1341.0 | 1337.5 | 1333.2 | 1328.1 | 1322.9 | 1317.9 | 1312.7 | 1317.9 | 1322.9 | 1328.1 |
| 132.5° | 1398.5 | 1395.0 | 1391.5 | 1387.6 | 1383.2 | 1378.9 | 1374.5 | 1370.2 | 1374.5 | 1378.9 | 1383.2 |
| 135° | 1475.0 | 1472.2 | 1469.3 | 1465.3 | 1460.2 | 1455.1 | 1450.0 | 1444.9 | 1450.0 | 1455.1 | 1460.2 |
| 137.5° | 1544.7 | 1541.4 | 1538.1 | 1534.7 | 1531.2 | 1527.6 | 1524.0 | 1520.5 | 1524.0 | 1527.6 | 1531.2 |
| 140° | 1590.1 | 1586.6 | 1583.1 | 1580.0 | 1577.5 | 1575.0 | 1572.4 | 1569.8 | 1572.4 | 1575.0 | 1577.5 |
| 142.5° | 1631.6 | 1627.6 | 1623.6 | 1620.4 | 1618.1 | 1615.8 | 1613.5 | 1611.2 | 1613.5 | 1615.8 | 1618.1 |
| 145° | 1688.3 | 1682.8 | 1677.4 | 1674.9 | 1675.2 | 1675.5 | 1675.8 | 1676.2 | 1675.8 | 1675.5 | 1675.2 |
| 147.5° | 1740.7 | 1735.3 | 1729.9 | 1727.9 | 1729.1 | 1730.3 | 1731.5 | 1732.7 | 1731.5 | 1730.3 | 1729.1 |
| 150° | 1772.2 | 1767.1 | 1762.0 | 1760.5 | 1762.8 | 1765.0 | 1767.3 | 1769.5 | 1767.3 | 1765.0 | 1762.8 |
| 152.5° | 1801.4 | 1796.5 | 1791.7 | 1790.6 | 1793.0 | 1795.5 | 1798.1 | 1800.5 | 1798.1 | 1795.5 | 1793.0 |
| 155° | 1842.3 | 1838.5 | 1834.6 | 1834.1 | 1836.9 | 1839.9 | 1842.7 | 1845.6 | 1842.7 | 1839.9 | 1836.9 |
| 157.5° | 1876.7 | 1874.0 | 1871.4 | 1871.3 | 1873.7 | 1876.1 | 1878.6 | 1881.0 | 1878.6 | 1876.1 | 1873.7 |
| 160° | 1897.8 | 1895.9 | 1894.0 | 1894.0 | 1895.9 | 1897.8 | 1899.7 | 1901.6 | 1899.7 | 1897.8 | 1895.9 |
| 162.5° | 1915.5 | 1913.9 | 1912.2 | 1912.4 | 1914.3 | 1916.2 | 1918.1 | 1920.0 | 1918.1 | 1916.2 | 1914.3 |
| 165° | 1938.4 | 1937.5 | 1936.6 | 1937.0 | 1938.9 | 1940.9 | 1942.8 | 1944.7 | 1942.8 | 1940.9 | 1938.9 |
| 167.5° | 1956.7 | 1955.8 | 1954.9 | 1955.4 | 1957.3 | 1959.2 | 1961.2 | 1963.1 | 1961.2 | 1959.2 | 1957.3 |
| 170° | 1966.4 | 1965.8 | 1965.1 | 1965.8 | 1967.7 | 1969.6 | 1971.6 | 1973.5 | 1971.6 | 1969.6 | 1967.7 |
| 172.5° | 1973.3 | 1972.7 | 1972.1 | 1972.7 | 1974.6 | 1976.5 | 1978.4 | 1980.3 | 1978.4 | 1976.5 | 1974.6 |
| 175° | 1980.7 | 1980.1 | 1979.5 | 1980.3 | 1982.6 | 1984.8 | 1987.0 | 1989.2 | 1987.0 | 1984.8 | 1982.6 |
| 177.5° | 1983.3 | 1983.0 | 1982.8 | 1983.5 | 1985.3 | 1987.1 | 1988.9 | 1990.6 | 1988.9 | 1987.1 | 1985.3 |
| 180° | 1984.9 | 1984.9 | 1984.9 | 1984.9 | 1984.9 | 1984.9 | 1984.9 | 1984.9 | 1984.9 | 1984.9 | 1984.9 |



TEST NUMBER: P331579-840

CATALOG NUMBER: S122DIW-S865D1440U840-4F0-1E-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° | 12.2 | 12.3 | 12.2 | 12.7 | 12.7 | 12.7 | 12.5 | 12.8 | 13.1 | 12.4 | 12.6 |
| 90° | 15.5 | 18.5 | 21.1 | 23.6 | 26.2 | 28.7 | 30.3 | 31.9 | 33.5 | 35.1 | 36.3 |
| 92.5° | 27.8 | 28.2 | 29.5 | 30.8 | 32.0 | 33.3 | 34.1 | 34.9 | 35.9 | 36.7 | 37.3 |
| 95° | 51.2 | 47.1 | 49.3 | 51.5 | 53.8 | 56.0 | 57.6 | 59.2 | 60.8 | 62.4 | 63.0 |
| 97.5° | 66.6 | 54.3 | 59.5 | 64.6 | 69.8 | 74.9 | 76.2 | 77.6 | 78.8 | 80.1 | 80.9 |
| 100° | 79.3 | 60.2 | 65.5 | 71.0 | 76.4 | 81.9 | 84.4 | 86.9 | 89.6 | 92.1 | 93.7 |
| 102.5° | 293.1 | 265.7 | 220.4 | 174.9 | 129.6 | 84.1 | 87.5 | 90.8 | 94.1 | 97.5 | 99.6 |
| 105° | 474.9 | 436.2 | 349.0 | 261.9 | 174.7 | 87.7 | 91.1 | 94.6 | 98.2 | 101.7 | 104.0 |
| 107.5° | 589.1 | 540.7 | 436.2 | 331.6 | 227.1 | 122.7 | 119.1 | 115.5 | 111.9 | 108.4 | 107.2 |
| 110° | 663.1 | 620.3 | 528.1 | 435.9 | 343.6 | 251.4 | 219.4 | 187.5 | 155.6 | 123.7 | 108.4 |



TEST NUMBER: P331579-840

CATALOG NUMBER: S122DIW-S865D1440U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 733.6 | 725.1 | 702.4 | 679.5 | 656.7 | 634.0 | 517.6 | 401.1 | 284.7 | 168.2 | 110.5 |
| 115° | 847.6 | 854.2 | 862.2 | 870.2 | 878.2 | 886.2 | 738.4 | 590.7 | 442.8 | 295.1 | 209.6 |
| 117.5° | 953.8 | 959.6 | 965.0 | 970.6 | 976.0 | 981.6 | 945.8 | 910.1 | 874.3 | 838.6 | 782.9 |
| 120° | 1024.5 | 1029.8 | 1035.5 | 1041.3 | 1047.0 | 1052.8 | 1056.6 | 1060.5 | 1064.3 | 1068.1 | 1048.4 |
| 122.5° | 1089.9 | 1095.6 | 1101.8 | 1108.0 | 1114.3 | 1120.5 | 1122.9 | 1125.2 | 1127.5 | 1129.7 | 1126.7 |
| 125° | 1184.3 | 1189.4 | 1195.5 | 1201.5 | 1207.6 | 1213.7 | 1215.9 | 1218.1 | 1220.3 | 1222.5 | 1224.2 |
| 127.5° | 1274.9 | 1279.4 | 1283.9 | 1288.5 | 1293.0 | 1297.6 | 1300.8 | 1304.0 | 1307.3 | 1310.5 | 1312.3 |
| 130° | 1333.2 | 1337.5 | 1341.0 | 1344.5 | 1348.0 | 1351.5 | 1355.0 | 1358.6 | 1362.1 | 1365.5 | 1367.2 |
| 132.5° | 1387.6 | 1391.5 | 1395.0 | 1398.5 | 1402.0 | 1405.5 | 1408.6 | 1411.5 | 1414.5 | 1417.5 | 1418.9 |
| 135° | 1465.3 | 1469.3 | 1472.2 | 1475.0 | 1477.9 | 1480.8 | 1484.0 | 1487.1 | 1490.4 | 1493.6 | 1494.8 |
| 137.5° | 1534.7 | 1538.1 | 1541.4 | 1544.7 | 1547.9 | 1551.2 | 1554.3 | 1557.4 | 1560.5 | 1563.7 | 1564.7 |
| 140° | 1580.0 | 1583.1 | 1586.6 | 1590.1 | 1593.7 | 1597.1 | 1600.0 | 1602.9 | 1605.8 | 1608.6 | 1609.2 |
| 142.5° | 1620.4 | 1623.6 | 1627.6 | 1631.6 | 1635.6 | 1639.6 | 1642.2 | 1644.9 | 1647.5 | 1650.1 | 1650.6 |
| 145° | 1674.9 | 1677.4 | 1682.8 | 1688.3 | 1693.6 | 1699.1 | 1701.3 | 1703.5 | 1705.8 | 1708.1 | 1708.4 |
| 147.5° | 1727.9 | 1729.9 | 1735.3 | 1740.7 | 1746.1 | 1751.4 | 1753.0 | 1754.7 | 1756.4 | 1758.1 | 1758.2 |
| 150° | 1760.5 | 1762.0 | 1767.1 | 1772.2 | 1777.3 | 1782.4 | 1784.3 | 1786.2 | 1788.2 | 1790.1 | 1790.2 |
| 152.5° | 1790.6 | 1791.7 | 1796.5 | 1801.4 | 1806.2 | 1811.1 | 1813.0 | 1814.9 | 1816.8 | 1818.8 | 1818.7 |
| 155° | 1834.1 | 1834.6 | 1838.5 | 1842.3 | 1846.1 | 1849.9 | 1851.8 | 1853.7 | 1855.6 | 1857.5 | 1857.2 |
| 157.5° | 1871.3 | 1871.4 | 1874.0 | 1876.7 | 1879.4 | 1882.1 | 1884.3 | 1886.4 | 1888.5 | 1890.8 | 1890.6 |
| 160° | 1894.0 | 1894.0 | 1895.9 | 1897.8 | 1899.7 | 1901.6 | 1903.5 | 1905.4 | 1907.3 | 1909.3 | 1909.1 |
| 162.5° | 1912.4 | 1912.2 | 1913.9 | 1915.5 | 1917.2 | 1918.8 | 1921.1 | 1923.2 | 1925.4 | 1927.5 | 1927.2 |
| 165° | 1937.0 | 1936.6 | 1937.5 | 1938.4 | 1939.4 | 1940.4 | 1942.7 | 1944.9 | 1947.1 | 1949.3 | 1949.3 |
| 167.5° | 1955.4 | 1954.9 | 1955.8 | 1956.7 | 1957.6 | 1958.5 | 1960.8 | 1963.0 | 1965.2 | 1967.4 | 1967.1 |
| 170° | 1965.8 | 1965.1 | 1965.8 | 1966.4 | 1967.0 | 1967.7 | 1969.9 | 1972.2 | 1974.4 | 1976.6 | 1976.3 |
| 172.5° | 1972.7 | 1972.1 | 1972.7 | 1973.3 | 1974.0 | 1974.6 | 1976.8 | 1979.0 | 1981.3 | 1983.5 | 1983.2 |
| 175° | 1980.3 | 1979.5 | 1980.1 | 1980.7 | 1981.5 | 1982.1 | 1984.3 | 1986.5 | 1988.7 | 1990.9 | 1990.5 |
| 177.5° | 1983.5 | 1982.8 | 1983.0 | 1983.3 | 1983.5 | 1983.8 | 1985.6 | 1987.3 | 1989.1 | 1990.9 | 1990.6 |
| 180° | 1984.9 | 1984.9 | 1984.9 | 1984.9 | 1984.9 | 1984.9 | 1984.9 | 1984.9 | 1984.9 | 1984.9 | 1984.9 |



TEST NUMBER: P331579-840

CATALOG NUMBER: S122DIW-S865D1440U840-4F0-1E-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° | 12.7 | 12.3 | 12.4 | 12.0 | 12.4 | 12.3 | 12.7 | 12.6 | 12.4 | 13.1 | 12.8 |
| 90° | 36.9 | 37.5 | 38.2 | 38.8 | 38.2 | 37.5 | 36.9 | 36.3 | 35.1 | 33.5 | 31.9 |
| 92.5° | 37.7 | 38.0 | 38.4 | 38.8 | 38.4 | 38.0 | 37.7 | 37.3 | 36.7 | 35.9 | 34.9 |
| 95° | 62.7 | 62.4 | 62.1 | 61.8 | 62.1 | 62.4 | 62.7 | 63.0 | 62.4 | 60.8 | 59.2 |
| 97.5° | 81.3 | 81.7 | 82.1 | 82.4 | 82.1 | 81.7 | 81.3 | 80.9 | 80.1 | 78.8 | 77.6 |
| 100° | 94.3 | 94.9 | 95.6 | 96.2 | 95.6 | 94.9 | 94.3 | 93.7 | 92.1 | 89.6 | 86.9 |
| 102.5° | 100.5 | 101.3 | 102.2 | 103.1 | 102.2 | 101.3 | 100.5 | 99.6 | 97.5 | 94.1 | 90.8 |
| 105° | 105.3 | 106.6 | 107.9 | 109.2 | 107.9 | 106.6 | 105.3 | 104.0 | 101.7 | 98.2 | 94.6 |
| 107.5° | 108.5 | 109.8 | 111.1 | 112.3 | 111.1 | 109.8 | 108.5 | 107.2 | 108.4 | 111.9 | 115.5 |
| 110° | 109.7 | 110.9 | 112.2 | 113.5 | 112.2 | 110.9 | 109.7 | 108.4 | 123.7 | 155.6 | 187.5 |



TEST NUMBER: P331579-840

CATALOG NUMBER: S122DIW-S865D1440U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 111.6 | 112.6 | 113.6 | 114.6 | 113.6 | 112.6 | 111.6 | 110.5 | 168.2 | 284.7 | 401.1 |
| 115° | 186.7 | 163.7 | 140.8 | 117.8 | 140.8 | 163.7 | 186.7 | 209.6 | 295.1 | 442.8 | 590.7 |
| 117.5° | 707.4 | 631.9 | 556.3 | 480.9 | 556.3 | 631.9 | 707.4 | 782.9 | 838.6 | 874.3 | 910.1 |
| 120° | 1005.4 | 962.3 | 919.2 | 876.2 | 919.2 | 962.3 | 1005.4 | 1048.4 | 1068.1 | 1064.3 | 1060.5 |
| 122.5° | 1118.3 | 1110.0 | 1101.7 | 1093.3 | 1101.7 | 1110.0 | 1118.3 | 1126.7 | 1129.7 | 1127.5 | 1125.2 |
| 125° | 1225.2 | 1226.1 | 1227.1 | 1228.0 | 1227.1 | 1226.1 | 1225.2 | 1224.2 | 1222.5 | 1220.3 | 1218.1 |
| 127.5° | 1312.4 | 1312.6 | 1312.8 | 1313.0 | 1312.8 | 1312.6 | 1312.4 | 1312.3 | 1310.5 | 1307.3 | 1304.0 |
| 130° | 1366.9 | 1366.5 | 1366.2 | 1365.8 | 1366.2 | 1366.5 | 1366.9 | 1367.2 | 1365.5 | 1362.1 | 1358.6 |
| 132.5° | 1418.6 | 1418.3 | 1418.0 | 1417.5 | 1418.0 | 1418.3 | 1418.6 | 1418.9 | 1417.5 | 1414.5 | 1411.5 |
| 135° | 1494.2 | 1493.6 | 1492.9 | 1492.3 | 1492.9 | 1493.6 | 1494.2 | 1494.8 | 1493.6 | 1490.4 | 1487.1 |
| 137.5° | 1563.6 | 1562.6 | 1561.5 | 1560.3 | 1561.5 | 1562.6 | 1563.6 | 1564.7 | 1563.7 | 1560.5 | 1557.4 |
| 140° | 1607.7 | 1606.1 | 1604.5 | 1602.9 | 1604.5 | 1606.1 | 1607.7 | 1609.2 | 1608.6 | 1605.8 | 1602.9 |
| 142.5° | 1649.0 | 1647.4 | 1645.9 | 1644.3 | 1645.9 | 1647.4 | 1649.0 | 1650.6 | 1650.1 | 1647.5 | 1644.9 |
| 145° | 1706.8 | 1705.2 | 1703.5 | 1702.0 | 1703.5 | 1705.2 | 1706.8 | 1708.4 | 1708.1 | 1705.8 | 1703.5 |
| 147.5° | 1756.9 | 1755.5 | 1754.1 | 1752.8 | 1754.1 | 1755.5 | 1756.9 | 1758.2 | 1758.1 | 1756.4 | 1754.7 |
| 150° | 1788.7 | 1787.1 | 1785.4 | 1783.8 | 1785.4 | 1787.1 | 1788.7 | 1790.2 | 1790.1 | 1788.2 | 1786.2 |
| 152.5° | 1816.5 | 1814.5 | 1812.4 | 1810.3 | 1812.4 | 1814.5 | 1816.5 | 1818.7 | 1818.8 | 1816.8 | 1814.9 |
| 155° | 1854.7 | 1852.2 | 1849.6 | 1847.0 | 1849.6 | 1852.2 | 1854.7 | 1857.2 | 1857.5 | 1855.6 | 1853.7 |
| 157.5° | 1888.1 | 1885.6 | 1883.1 | 1880.7 | 1883.1 | 1885.6 | 1888.1 | 1890.6 | 1890.8 | 1888.5 | 1886.4 |
| 160° | 1906.9 | 1904.6 | 1902.4 | 1900.2 | 1902.4 | 1904.6 | 1906.9 | 1909.1 | 1909.3 | 1907.3 | 1905.4 |
| 162.5° | 1924.5 | 1921.8 | 1919.0 | 1916.3 | 1919.0 | 1921.8 | 1924.5 | 1927.2 | 1927.5 | 1925.4 | 1923.2 |
| 165° | 1947.1 | 1944.9 | 1942.7 | 1940.4 | 1942.7 | 1944.9 | 1947.1 | 1949.3 | 1949.3 | 1947.1 | 1944.9 |
| 167.5° | 1964.3 | 1961.4 | 1958.5 | 1955.6 | 1958.5 | 1961.4 | 1964.3 | 1967.1 | 1967.4 | 1965.2 | 1963.0 |
| 170° | 1973.5 | 1970.5 | 1967.7 | 1964.8 | 1967.7 | 1970.5 | 1973.5 | 1976.3 | 1976.6 | 1974.4 | 1972.2 |
| 172.5° | 1980.3 | 1977.4 | 1974.6 | 1971.7 | 1974.6 | 1977.4 | 1980.3 | 1983.2 | 1983.5 | 1981.3 | 1979.0 |
| 175° | 1987.3 | 1984.1 | 1981.0 | 1977.7 | 1981.0 | 1984.1 | 1987.3 | 1990.5 | 1990.9 | 1988.7 | 1986.5 |
| 177.5° | 1988.3 | 1986.1 | 1983.8 | 1981.5 | 1983.8 | 1986.1 | 1988.3 | 1990.6 | 1990.9 | 1989.1 | 1987.3 |
| 180° | 1984.9 | 1984.9 | 1984.9 | 1984.9 | 1984.9 | 1984.9 | 1984.9 | 1984.9 | 1984.9 | 1984.9 | 1984.9 |



TEST NUMBER: P331579-840

CATALOG NUMBER: S122DIW-S865D1440U840-4F0-1E-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° | 12.5 | 12.7 | 12.7 | 12.7 | 12.2 | 12.3 | 12.2 | 12.0 | 12.4 | 12.2 | 12.1 |
| 90° | 30.3 | 28.7 | 26.2 | 23.6 | 21.1 | 18.5 | 15.5 | 12.0 | 8.5 | 4.9 | 1.4 |
| 92.5° | 34.1 | 33.3 | 32.0 | 30.8 | 29.5 | 28.2 | 27.8 | 28.1 | 28.4 | 28.7 | 29.0 |
| 95° | 57.6 | 56.0 | 53.8 | 51.5 | 49.3 | 47.1 | 51.2 | 61.8 | 72.3 | 82.8 | 93.3 |
| 97.5° | 76.2 | 74.9 | 69.8 | 64.6 | 59.5 | 54.3 | 66.6 | 96.2 | 125.9 | 155.6 | 185.3 |
| 100° | 84.4 | 81.9 | 76.4 | 71.0 | 65.5 | 60.2 | 79.3 | 123.0 | 166.7 | 210.5 | 254.2 |
| 102.5° | 87.5 | 84.1 | 129.6 | 174.9 | 220.4 | 265.7 | 293.1 | 302.3 | 311.5 | 320.8 | 330.0 |
| 105° | 91.1 | 87.7 | 174.7 | 261.9 | 349.0 | 436.2 | 474.9 | 465.3 | 455.8 | 446.2 | 436.7 |
| 107.5° | 119.1 | 122.7 | 227.1 | 331.6 | 436.2 | 540.7 | 589.1 | 581.3 | 573.6 | 565.8 | 558.2 |
| 110° | 219.4 | 251.4 | 343.6 | 435.9 | 528.1 | 620.3 | 663.1 | 656.4 | 649.6 | 643.0 | 636.3 |



TEST NUMBER: P331579-840

CATALOG NUMBER: S122DIW-S865D1440U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 517.6 | 634.0 | 656.7 | 679.5 | 702.4 | 725.1 | 733.6 | 727.6 | 721.6 | 715.7 | 709.8 |
| 115° | 738.4 | 886.2 | 878.2 | 870.2 | 862.2 | 854.2 | 847.6 | 842.1 | 836.7 | 831.3 | 825.9 |
| 117.5° | 945.8 | 981.6 | 976.0 | 970.6 | 965.0 | 959.6 | 953.8 | 947.8 | 941.7 | 935.6 | 929.6 |
| 120° | 1056.6 | 1052.8 | 1047.0 | 1041.3 | 1035.5 | 1029.8 | 1024.5 | 1019.8 | 1014.9 | 1010.2 | 1005.4 |
| 122.5° | 1122.9 | 1120.5 | 1114.3 | 1108.0 | 1101.8 | 1095.6 | 1089.9 | 1084.9 | 1079.8 | 1074.8 | 1069.8 |
| 125° | 1215.9 | 1213.7 | 1207.6 | 1201.5 | 1195.5 | 1189.4 | 1184.3 | 1180.1 | 1176.0 | 1171.8 | 1167.7 |
| 127.5° | 1300.8 | 1297.6 | 1293.0 | 1288.5 | 1283.9 | 1279.4 | 1274.9 | 1270.2 | 1265.7 | 1261.0 | 1256.5 |
| 130° | 1355.0 | 1351.5 | 1348.0 | 1344.5 | 1341.0 | 1337.5 | 1333.2 | 1328.1 | 1322.9 | 1317.9 | 1312.7 |
| 132.5° | 1408.6 | 1405.5 | 1402.0 | 1398.5 | 1395.0 | 1391.5 | 1387.6 | 1383.2 | 1378.9 | 1374.5 | 1370.2 |
| 135° | 1484.0 | 1480.8 | 1477.9 | 1475.0 | 1472.2 | 1469.3 | 1465.3 | 1460.2 | 1455.1 | 1450.0 | 1444.9 |
| 137.5° | 1554.3 | 1551.2 | 1547.9 | 1544.7 | 1541.4 | 1538.1 | 1534.7 | 1531.2 | 1527.6 | 1524.0 | 1520.5 |
| 140° | 1600.0 | 1597.1 | 1593.7 | 1590.1 | 1586.6 | 1583.1 | 1580.0 | 1577.5 | 1575.0 | 1572.4 | 1569.8 |
| 142.5° | 1642.2 | 1639.6 | 1635.6 | 1631.6 | 1627.6 | 1623.6 | 1620.4 | 1618.1 | 1615.8 | 1613.5 | 1611.2 |
| 145° | 1701.3 | 1699.1 | 1693.6 | 1688.3 | 1682.8 | 1677.4 | 1674.9 | 1675.2 | 1675.5 | 1675.8 | 1676.2 |
| 147.5° | 1753.0 | 1751.4 | 1746.1 | 1740.7 | 1735.3 | 1729.9 | 1727.9 | 1729.1 | 1730.3 | 1731.5 | 1732.7 |
| 150° | 1784.3 | 1782.4 | 1777.3 | 1772.2 | 1767.1 | 1762.0 | 1760.5 | 1762.8 | 1765.0 | 1767.3 | 1769.5 |
| 152.5° | 1813.0 | 1811.1 | 1806.2 | 1801.4 | 1796.5 | 1791.7 | 1790.6 | 1793.0 | 1795.5 | 1798.1 | 1800.5 |
| 155° | 1851.8 | 1849.9 | 1846.1 | 1842.3 | 1838.5 | 1834.6 | 1834.1 | 1836.9 | 1839.9 | 1842.7 | 1845.6 |
| 157.5° | 1884.3 | 1882.1 | 1879.4 | 1876.7 | 1874.0 | 1871.4 | 1871.3 | 1873.7 | 1876.1 | 1878.6 | 1881.0 |
| 160° | 1903.5 | 1901.6 | 1899.7 | 1897.8 | 1895.9 | 1894.0 | 1894.0 | 1895.9 | 1897.8 | 1899.7 | 1901.6 |
| 162.5° | 1921.1 | 1918.8 | 1917.2 | 1915.5 | 1913.9 | 1912.2 | 1912.4 | 1914.3 | 1916.2 | 1918.1 | 1920.0 |
| 165° | 1942.7 | 1940.4 | 1939.4 | 1938.4 | 1937.5 | 1936.6 | 1937.0 | 1938.9 | 1940.9 | 1942.8 | 1944.7 |
| 167.5° | 1960.8 | 1958.5 | 1957.6 | 1956.7 | 1955.8 | 1954.9 | 1955.4 | 1957.3 | 1959.2 | 1961.2 | 1963.1 |
| 170° | 1969.9 | 1967.7 | 1967.0 | 1966.4 | 1965.8 | 1965.1 | 1965.8 | 1967.7 | 1969.6 | 1971.6 | 1973.5 |
| 172.5° | 1976.8 | 1974.6 | 1974.0 | 1973.3 | 1972.7 | 1972.1 | 1972.7 | 1974.6 | 1976.5 | 1978.4 | 1980.3 |
| 175° | 1984.3 | 1982.1 | 1981.5 | 1980.7 | 1980.1 | 1979.5 | 1980.3 | 1982.6 | 1984.8 | 1987.0 | 1989.2 |
| 177.5° | 1985.6 | 1983.8 | 1983.5 | 1983.3 | 1983.0 | 1982.8 | 1983.5 | 1985.3 | 1987.1 | 1988.9 | 1990.6 |
| 180° | 1984.9 | 1984.9 | 1984.9 | 1984.9 | 1984.9 | 1984.9 | 1984.9 | 1984.9 | 1984.9 | 1984.9 | 1984.9 |



TEST NUMBER: P331579-840

CATALOG NUMBER: S122DIW-S865D1440U840-4F0-1E-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° | 14.4 | 17.3 | 18.0 | 20.3 | 19.8 | 20.3 | 20.8 | 20.8 | 20.8 | 20.5 | 20.3 |
| 90° | 4.9 | 8.5 | 12.0 | 15.5 | 18.5 | 21.1 | 23.6 | 26.2 | 28.7 | 30.3 | 31.9 |
| 92.5° | 28.7 | 28.4 | 28.1 | 27.8 | 28.2 | 29.5 | 30.8 | 32.0 | 33.3 | 34.1 | 34.9 |
| 95° | 82.8 | 72.3 | 61.8 | 51.2 | 47.1 | 49.3 | 51.5 | 53.8 | 56.0 | 57.6 | 59.2 |
| 97.5° | 155.6 | 125.9 | 96.2 | 66.6 | 54.3 | 59.5 | 64.6 | 69.8 | 74.9 | 76.2 | 77.6 |
| 100° | 210.5 | 166.7 | 123.0 | 79.3 | 60.2 | 65.5 | 71.0 | 76.4 | 81.9 | 84.4 | 86.9 |
| 102.5° | 320.8 | 311.5 | 302.3 | 293.1 | 265.7 | 220.4 | 174.9 | 129.6 | 84.1 | 87.5 | 90.8 |
| 105° | 446.2 | 455.8 | 465.3 | 474.9 | 436.2 | 349.0 | 261.9 | 174.7 | 87.7 | 91.1 | 94.6 |
| 107.5° | 565.8 | 573.6 | 581.3 | 589.1 | 540.7 | 436.2 | 331.6 | 227.1 | 122.7 | 119.1 | 115.5 |
| 110° | 643.0 | 649.6 | 656.4 | 663.1 | 620.3 | 528.1 | 435.9 | 343.6 | 251.4 | 219.4 | 187.5 |



TEST NUMBER: P331579-840

CATALOG NUMBER: S122DIW-S865D1440U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 715.7 | 721.6 | 727.6 | 733.6 | 725.1 | 702.4 | 679.5 | 656.7 | 634.0 | 517.6 | 401.1 |
| 115° | 831.3 | 836.7 | 842.1 | 847.6 | 854.2 | 862.2 | 870.2 | 878.2 | 886.2 | 738.4 | 590.7 |
| 117.5° | 935.6 | 941.7 | 947.8 | 953.8 | 959.6 | 965.0 | 970.6 | 976.0 | 981.6 | 945.8 | 910.1 |
| 120° | 1010.2 | 1014.9 | 1019.8 | 1024.5 | 1029.8 | 1035.5 | 1041.3 | 1047.0 | 1052.8 | 1056.6 | 1060.5 |
| 122.5° | 1074.8 | 1079.8 | 1084.9 | 1089.9 | 1095.6 | 1101.8 | 1108.0 | 1114.3 | 1120.5 | 1122.9 | 1125.2 |
| 125° | 1171.8 | 1176.0 | 1180.1 | 1184.3 | 1189.4 | 1195.5 | 1201.5 | 1207.6 | 1213.7 | 1215.9 | 1218.1 |
| 127.5° | 1261.0 | 1265.7 | 1270.2 | 1274.9 | 1279.4 | 1283.9 | 1288.5 | 1293.0 | 1297.6 | 1300.8 | 1304.0 |
| 130° | 1317.9 | 1322.9 | 1328.1 | 1333.2 | 1337.5 | 1341.0 | 1344.5 | 1348.0 | 1351.5 | 1355.0 | 1358.6 |
| 132.5° | 1374.5 | 1378.9 | 1383.2 | 1387.6 | 1391.5 | 1395.0 | 1398.5 | 1402.0 | 1405.5 | 1408.6 | 1411.5 |
| 135° | 1450.0 | 1455.1 | 1460.2 | 1465.3 | 1469.3 | 1472.2 | 1475.0 | 1477.9 | 1480.8 | 1484.0 | 1487.1 |
| 137.5° | 1524.0 | 1527.6 | 1531.2 | 1534.7 | 1538.1 | 1541.4 | 1544.7 | 1547.9 | 1551.2 | 1554.3 | 1557.4 |
| 140° | 1572.4 | 1575.0 | 1577.5 | 1580.0 | 1583.1 | 1586.6 | 1590.1 | 1593.7 | 1597.1 | 1600.0 | 1602.9 |
| 142.5° | 1613.5 | 1615.8 | 1618.1 | 1620.4 | 1623.6 | 1627.6 | 1631.6 | 1635.6 | 1639.6 | 1642.2 | 1644.9 |
| 145° | 1675.8 | 1675.5 | 1675.2 | 1674.9 | 1677.4 | 1682.8 | 1688.3 | 1693.6 | 1699.1 | 1701.3 | 1703.5 |
| 147.5° | 1731.5 | 1730.3 | 1729.1 | 1727.9 | 1729.9 | 1735.3 | 1740.7 | 1746.1 | 1751.4 | 1753.0 | 1754.7 |
| 150° | 1767.3 | 1765.0 | 1762.8 | 1760.5 | 1762.0 | 1767.1 | 1772.2 | 1777.3 | 1782.4 | 1784.3 | 1786.2 |
| 152.5° | 1798.1 | 1795.5 | 1793.0 | 1790.6 | 1791.7 | 1796.5 | 1801.4 | 1806.2 | 1811.1 | 1813.0 | 1814.9 |
| 155° | 1842.7 | 1839.9 | 1836.9 | 1834.1 | 1834.6 | 1838.5 | 1842.3 | 1846.1 | 1849.9 | 1851.8 | 1853.7 |
| 157.5° | 1878.6 | 1876.1 | 1873.7 | 1871.3 | 1871.4 | 1874.0 | 1876.7 | 1879.4 | 1882.1 | 1884.3 | 1886.4 |
| 160° | 1899.7 | 1897.8 | 1895.9 | 1894.0 | 1894.0 | 1895.9 | 1897.8 | 1899.7 | 1901.6 | 1903.5 | 1905.4 |
| 162.5° | 1918.1 | 1916.2 | 1914.3 | 1912.4 | 1912.2 | 1913.9 | 1915.5 | 1917.2 | 1918.8 | 1921.1 | 1923.2 |
| 165° | 1942.8 | 1940.9 | 1938.9 | 1937.0 | 1936.6 | 1937.5 | 1938.4 | 1939.4 | 1940.4 | 1942.7 | 1944.9 |
| 167.5° | 1961.2 | 1959.2 | 1957.3 | 1955.4 | 1954.9 | 1955.8 | 1956.7 | 1957.6 | 1958.5 | 1960.8 | 1963.0 |
| 170° | 1971.6 | 1969.6 | 1967.7 | 1965.8 | 1965.1 | 1965.8 | 1966.4 | 1967.0 | 1967.7 | 1969.9 | 1972.2 |
| 172.5° | 1978.4 | 1976.5 | 1974.6 | 1972.7 | 1972.1 | 1972.7 | 1973.3 | 1974.0 | 1974.6 | 1976.8 | 1979.0 |
| 175° | 1987.0 | 1984.8 | 1982.6 | 1980.3 | 1979.5 | 1980.1 | 1980.7 | 1981.5 | 1982.1 | 1984.3 | 1986.5 |
| 177.5° | 1988.9 | 1987.1 | 1985.3 | 1983.5 | 1982.8 | 1983.0 | 1983.3 | 1983.5 | 1983.8 | 1985.6 | 1987.3 |
| 180° | 1984.9 | 1984.9 | 1984.9 | 1984.9 | 1984.9 | 1984.9 | 1984.9 | 1984.9 | 1984.9 | 1984.9 | 1984.9 |



TEST NUMBER: P331579-840

CATALOG NUMBER: S122DIW-S865D1440U840-4F0-1E-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° | 21.2 | 21.5 | 21.2 | 21.3 | 22.0 | 21.6 | 21.7 |
| 90° | 33.5 | 35.1 | 36.3 | 36.9 | 37.5 | 38.2 | 38.8 |
| 92.5° | 35.9 | 36.7 | 37.3 | 37.7 | 38.0 | 38.4 | 38.8 |
| 95° | 60.8 | 62.4 | 63.0 | 62.7 | 62.4 | 62.1 | 61.8 |
| 97.5° | 78.8 | 80.1 | 80.9 | 81.3 | 81.7 | 82.1 | 82.4 |
| 100° | 89.6 | 92.1 | 93.7 | 94.3 | 94.9 | 95.6 | 96.2 |
| 102.5° | 94.1 | 97.5 | 99.6 | 100.5 | 101.3 | 102.2 | 103.1 |
| 105° | 98.2 | 101.7 | 104.0 | 105.3 | 106.6 | 107.9 | 109.2 |
| 107.5° | 111.9 | 108.4 | 107.2 | 108.5 | 109.8 | 111.1 | 112.3 |
| 110° | 155.6 | 123.7 | 108.4 | 109.7 | 110.9 | 112.2 | 113.5 |



TEST NUMBER: P331579-840

CATALOG NUMBER: S122DIW-S865D1440U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 284.7 | 168.2 | 110.5 | 111.6 | 112.6 | 113.6 | 114.6 |
| 115° | 442.8 | 295.1 | 209.6 | 186.7 | 163.7 | 140.8 | 117.8 |
| 117.5° | 874.3 | 838.6 | 782.9 | 707.4 | 631.9 | 556.3 | 480.9 |
| 120° | 1064.3 | 1068.1 | 1048.4 | 1005.4 | 962.3 | 919.2 | 876.2 |
| 122.5° | 1127.5 | 1129.7 | 1126.7 | 1118.3 | 1110.0 | 1101.7 | 1093.3 |
| 125° | 1220.3 | 1222.5 | 1224.2 | 1225.2 | 1226.1 | 1227.1 | 1228.0 |
| 127.5° | 1307.3 | 1310.5 | 1312.3 | 1312.4 | 1312.6 | 1312.8 | 1313.0 |
| 130° | 1362.1 | 1365.5 | 1367.2 | 1366.9 | 1366.5 | 1366.2 | 1365.8 |
| 132.5° | 1414.5 | 1417.5 | 1418.9 | 1418.6 | 1418.3 | 1418.0 | 1417.5 |
| 135° | 1490.4 | 1493.6 | 1494.8 | 1494.2 | 1493.6 | 1492.9 | 1492.3 |
| 137.5° | 1560.5 | 1563.7 | 1564.7 | 1563.6 | 1562.6 | 1561.5 | 1560.3 |
| 140° | 1605.8 | 1608.6 | 1609.2 | 1607.7 | 1606.1 | 1604.5 | 1602.9 |
| 142.5° | 1647.5 | 1650.1 | 1650.6 | 1649.0 | 1647.4 | 1645.9 | 1644.3 |
| 145° | 1705.8 | 1708.1 | 1708.4 | 1706.8 | 1705.2 | 1703.5 | 1702.0 |
| 147.5° | 1756.4 | 1758.1 | 1758.2 | 1756.9 | 1755.5 | 1754.1 | 1752.8 |
| 150° | 1788.2 | 1790.1 | 1790.2 | 1788.7 | 1787.1 | 1785.4 | 1783.8 |
| 152.5° | 1816.8 | 1818.8 | 1818.7 | 1816.5 | 1814.5 | 1812.4 | 1810.3 |
| 155° | 1855.6 | 1857.5 | 1857.2 | 1854.7 | 1852.2 | 1849.6 | 1847.0 |
| 157.5° | 1888.5 | 1890.8 | 1890.6 | 1888.1 | 1885.6 | 1883.1 | 1880.7 |
| 160° | 1907.3 | 1909.3 | 1909.1 | 1906.9 | 1904.6 | 1902.4 | 1900.2 |
| 162.5° | 1925.4 | 1927.5 | 1927.2 | 1924.5 | 1921.8 | 1919.0 | 1916.3 |
| 165° | 1947.1 | 1949.3 | 1949.3 | 1947.1 | 1944.9 | 1942.7 | 1940.4 |
| 167.5° | 1965.2 | 1967.4 | 1967.1 | 1964.3 | 1961.4 | 1958.5 | 1955.6 |
| 170° | 1974.4 | 1976.6 | 1976.3 | 1973.5 | 1970.5 | 1967.7 | 1964.8 |
| 172.5° | 1981.3 | 1983.5 | 1983.2 | 1980.3 | 1977.4 | 1974.6 | 1971.7 |
| 175° | 1988.7 | 1990.9 | 1990.5 | 1987.3 | 1984.1 | 1981.0 | 1977.7 |
| 177.5° | 1989.1 | 1990.9 | 1990.6 | 1988.3 | 1986.1 | 1983.8 | 1981.5 |
| 180° | 1984.9 | 1984.9 | 1984.9 | 1984.9 | 1984.9 | 1984.9 | 1984.9 |

(END OF REPORT)