

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: P332470-927

Luminaire Tested: **S123RDIW-S1165D460U927-4F0-1E-UDD-A**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P332470-927
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-5,
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: S123RDIW-S1165D460U927-4F0-1E-UDD-A
Description: DEFINE 3 DIRECT-INDIRECT WALL MOUNT LED LUMINAIRE
DOWNLIGHT 1165 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING
UPLIGHT 460 LUMENS PER FOOT, NO LENS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5083.6 lumens
Efficiency: N/A
Efficacy: 97.0 lumens/watt
Spacing Criteria (0/90/45): 1.21 / 1.22 / 1.36
Luminous Opening: Rectangular (W 4' x L: 0.25' x H: 0')
CIE Type: Semi-Direct

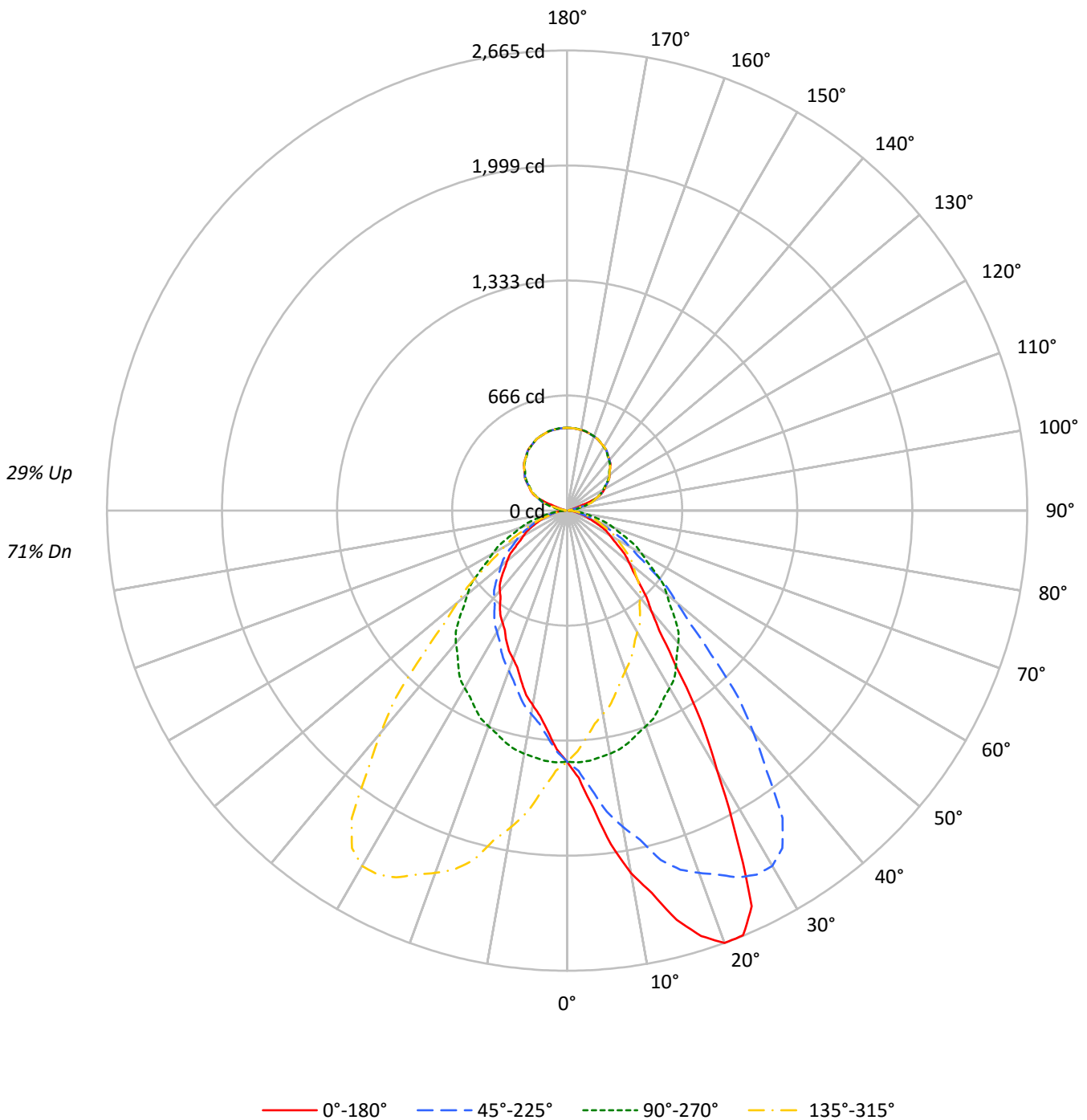
Input Watts (W): 52.4
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P332470-927

CATALOG NUMBER: S123RDIW-S1165D460U927-4F0-1E-UDD-A

Luminous Intensity Polar Plot





TEST NUMBER: P332470-927

CATALOG NUMBER: S123RDIW-S1165D460U927-4F0-1E-UDD-A

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--|---|
| RF | 20 | | | | | 20 | | | | | 20 | | | | | 20 | | | | | 20 | | | | | |
| RC | 80 | | | | | 70 | | | | | 50 | | | | | 30 | | | | | 10 | | | | | 0 |
| RW | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0 | | |
| RCR | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0 | 112 | 112 | 112 | 112 | 106 | 106 | 106 | 106 | 95 | 95 | 95 | 85 | 85 | 85 | 76 | 76 | 76 | 76 | 76 | 76 | 76 | 76 | 76 | 71 | | |
| 1 | 103 | 99 | 96 | 92 | 98 | 94 | 91 | 88 | 85 | 82 | 80 | 76 | 74 | 73 | 68 | 67 | 66 | 66 | 66 | 66 | 66 | 66 | 66 | 62 | | |
| 2 | 95 | 88 | 82 | 77 | 90 | 83 | 78 | 74 | 75 | 71 | 68 | 68 | 65 | 62 | 61 | 59 | 57 | 57 | 57 | 57 | 57 | 57 | 57 | 53 | | |
| 3 | 87 | 78 | 71 | 65 | 82 | 74 | 68 | 63 | 67 | 62 | 58 | 61 | 57 | 53 | 55 | 52 | 49 | 49 | 49 | 49 | 49 | 49 | 49 | 46 | | |
| 4 | 80 | 70 | 62 | 56 | 76 | 66 | 59 | 54 | 60 | 55 | 50 | 55 | 50 | 47 | 50 | 46 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 40 | | |
| 5 | 74 | 62 | 54 | 49 | 70 | 60 | 52 | 47 | 54 | 48 | 44 | 50 | 45 | 41 | 45 | 41 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 35 | | |
| 6 | 68 | 56 | 48 | 43 | 65 | 54 | 47 | 41 | 49 | 43 | 39 | 45 | 40 | 36 | 41 | 37 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 31 | | |
| 7 | 64 | 51 | 43 | 38 | 60 | 49 | 42 | 37 | 45 | 39 | 35 | 41 | 36 | 32 | 38 | 34 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 28 | | |
| 8 | 59 | 47 | 39 | 34 | 56 | 45 | 38 | 33 | 41 | 35 | 31 | 38 | 33 | 29 | 35 | 31 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 25 | | |
| 9 | 55 | 43 | 36 | 31 | 53 | 41 | 34 | 30 | 38 | 32 | 28 | 35 | 30 | 27 | 32 | 28 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 23 | | |
| 10 | 52 | 40 | 32 | 28 | 49 | 38 | 31 | 27 | 35 | 30 | 26 | 33 | 28 | 24 | 30 | 26 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 21 | | |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 15655 | 15655 | 15655 | 15655 |
| 5° | 18662 | 15722 | 13846 | 15722 |
| 10° | 23302 | 15632 | 12508 | 15632 |
| 15° | 27351 | 15473 | 11407 | 15473 |
| 20° | 30525 | 15234 | 10470 | 15234 |
| 25° | 30037 | 14982 | 9894 | 14982 |
| 30° | 21592 | 14751 | 9302 | 14751 |
| 35° | 14416 | 14448 | 8918 | 14448 |
| 40° | 10621 | 14085 | 8521 | 14085 |
| 45° | 8910 | 13449 | 8132 | 13449 |
| 50° | 7860 | 12616 | 7591 | 12616 |
| 55° | 6893 | 11661 | 6848 | 11661 |
| 60° | 6140 | 10749 | 6273 | 10749 |
| 65° | 5392 | 9770 | 5835 | 9770 |
| 70° | 4233 | 8897 | 5331 | 8897 |
| 75° | 3730 | 7769 | 4870 | 7769 |
| 80° | 3242 | 6602 | 4785 | 6602 |
| 85° | 2618 | 5298 | 5076 | 5298 |



TEST NUMBER: P332470-927

CATALOG NUMBER: S123RDIW-S1165D460U927-4F0-1E-UDD-A

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 143.0 | 2.8 |
| 10°-20° | 446.9 | 8.8 |
| 20°-30° | 702.0 | 13.8 |
| 30°-40° | 732.4 | 14.4 |
| 40°-50° | 626.8 | 12.3 |
| 50°-60° | 477.7 | 9.4 |
| 60°-70° | 306.2 | 6.0 |
| 70°-80° | 147.3 | 2.9 |
| 80°-90° | 40.3 | 0.8 |
| 90°-100° | 17.4 | 0.3 |
| 100°-110° | 83.0 | 1.6 |
| 110°-120° | 199.4 | 3.9 |
| 120°-130° | 253.9 | 5.0 |
| 130°-140° | 271.3 | 5.3 |
| 140°-150° | 253.7 | 5.0 |
| 150°-160° | 204.6 | 4.0 |
| 160°-170° | 132.1 | 2.6 |
| 170°-180° | 45.5 | 0.9 |
| 0°-30° | 1291.9 | 25.4 |
| 0°-40° | 2024.3 | 39.8 |
| 0°-60° | 3128.9 | 61.5 |
| 0°-90° | 3622.7 | 71.3 |
| 90°-120° | 299.8 | 5.9 |
| 90°-150° | 1078.7 | 21.2 |
| 90°-180° | 1461.0 | 28.7 |
| 0°-180° | 5083.6 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 1454 | 1454 | 1454 | 1454 | 1454 | |
| 5° | 1727 | 1455 | 1281 | 1455 | 1727 | 178 |
| 15° | 2454 | 1388 | 1024 | 1388 | 2454 | 696 |
| 25° | 2529 | 1262 | 833 | 1262 | 2529 | 1087 |
| 35° | 1097 | 1100 | 679 | 1100 | 1097 | 719 |
| 45° | 585 | 884 | 534 | 884 | 585 | 460 |
| 55° | 367 | 621 | 365 | 621 | 367 | 332 |
| 65° | 212 | 384 | 229 | 384 | 212 | 208 |
| 75° | 90 | 187 | 117 | 187 | 90 | 96 |
| 85° | 21 | 43 | 41 | 43 | 21 | 25 |
| 90° | 11 | 0 | 11 | 0 | 11 | 6 |
| 95° | 14 | 22 | 14 | 22 | 14 | 11 |
| 105° | 16 | 106 | 16 | 106 | 16 | 36 |
| 115° | 209 | 199 | 209 | 199 | 209 | 193 |
| 125° | 286 | 280 | 286 | 280 | 286 | 256 |
| 135° | 353 | 349 | 353 | 349 | 353 | 272 |
| 145° | 407 | 403 | 407 | 403 | 407 | 254 |
| 155° | 443 | 444 | 443 | 444 | 443 | 204 |
| 165° | 467 | 468 | 467 | 468 | 467 | 132 |
| 175° | 477 | 479 | 477 | 479 | 477 | 45 |
| 180° | 479 | 479 | 479 | 479 | 479 | |



TEST NUMBER: P332470-927

CATALOG NUMBER: S123RDIW-S1165D460U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1454.4 | 1454.4 | 1454.4 | 1454.4 | 1454.4 | 1454.4 | 1454.4 | 1454.4 | 1454.4 | 1454.4 | 1454.4 |
| 2.5° | 1549.1 | 1551.1 | 1544.6 | 1543.6 | 1536.1 | 1534.1 | 1534.1 | 1523.7 | 1517.2 | 1508.8 | 1503.8 |
| 5° | 1727.2 | 1737.2 | 1732.2 | 1720.9 | 1702.2 | 1697.9 | 1686.1 | 1667.4 | 1646.2 | 1620.1 | 1607.7 |
| 7.5° | 1949.6 | 1963.2 | 1958.0 | 1940.6 | 1921.0 | 1905.3 | 1871.8 | 1840.9 | 1797.4 | 1759.3 | 1726.6 |
| 10° | 2131.9 | 2117.6 | 2106.3 | 2089.5 | 2071.5 | 2042.2 | 2007.4 | 1959.4 | 1904.0 | 1860.4 | 1811.9 |
| 12.5° | 2268.3 | 2266.0 | 2251.8 | 2234.5 | 2209.0 | 2181.2 | 2138.3 | 2080.0 | 2015.5 | 1952.6 | 1897.0 |
| 15° | 2454.4 | 2458.1 | 2448.8 | 2430.7 | 2394.6 | 2345.4 | 2280.7 | 2256.5 | 2164.2 | 2095.8 | 2027.3 |
| 17.5° | 2583.1 | 2582.4 | 2581.2 | 2556.1 | 2519.3 | 2484.3 | 2424.2 | 2360.4 | 2277.0 | 2180.5 | 2088.2 |
| 20° | 2664.8 | 2658.6 | 2659.9 | 2631.9 | 2604.5 | 2564.0 | 2505.4 | 2412.7 | 2344.2 | 2232.8 | 2137.5 |
| 22.5° | 2662.8 | 2661.7 | 2666.3 | 2656.7 | 2636.9 | 2605.8 | 2559.8 | 2481.4 | 2394.1 | 2281.6 | 2174.4 |
| 25° | 2529.1 | 2524.1 | 2553.4 | 2561.5 | 2593.3 | 2598.8 | 2585.1 | 2542.2 | 2459.4 | 2343.6 | 2211.0 |
| 27.5° | 2116.7 | 2113.9 | 2168.3 | 2236.3 | 2322.4 | 2389.4 | 2454.2 | 2485.4 | 2459.4 | 2376.5 | 2243.6 |
| 30° | 1737.2 | 1795.6 | 1823.0 | 1921.4 | 2031.0 | 2161.8 | 2276.3 | 2385.3 | 2412.0 | 2376.0 | 2267.0 |
| 32.5° | 1442.2 | 1493.3 | 1516.2 | 1600.7 | 1702.8 | 1855.9 | 2027.7 | 2182.1 | 2291.1 | 2318.6 | 2253.0 |
| 35° | 1097.1 | 1097.7 | 1150.0 | 1187.3 | 1282.0 | 1439.6 | 1606.4 | 1813.1 | 2018.6 | 2174.2 | 2190.4 |
| 37.5° | 875.4 | 878.5 | 910.1 | 947.4 | 1018.4 | 1101.7 | 1248.6 | 1420.5 | 1657.8 | 1896.8 | 2036.9 |
| 40° | 755.9 | 761.4 | 785.1 | 821.9 | 872.9 | 935.8 | 1050.4 | 1212.3 | 1410.2 | 1676.1 | 1893.4 |
| 42.5° | 679.1 | 688.2 | 700.4 | 728.7 | 760.3 | 819.3 | 911.9 | 1037.0 | 1217.0 | 1468.4 | 1719.1 |
| 45° | 585.3 | 590.3 | 599.6 | 612.7 | 641.3 | 682.4 | 744.7 | 828.7 | 978.2 | 1180.5 | 1431.4 |
| 47.5° | 516.3 | 513.7 | 523.5 | 534.1 | 553.2 | 581.1 | 622.9 | 691.5 | 798.1 | 960.4 | 1173.3 |
| 50° | 469.4 | 468.8 | 475.7 | 483.8 | 501.8 | 522.4 | 556.7 | 608.3 | 693.0 | 827.5 | 1022.4 |
| 52.5° | 425.6 | 428.0 | 432.8 | 442.9 | 456.0 | 472.6 | 503.4 | 540.6 | 613.3 | 729.4 | 891.8 |
| 55° | 367.3 | 369.2 | 376.0 | 381.7 | 391.0 | 407.8 | 427.1 | 458.3 | 508.1 | 589.0 | 722.9 |
| 57.5° | 318.1 | 317.2 | 323.8 | 325.1 | 335.7 | 349.4 | 364.3 | 388.5 | 424.6 | 484.8 | 575.0 |
| 60° | 285.2 | 283.3 | 288.9 | 293.3 | 298.9 | 310.1 | 322.5 | 346.2 | 374.9 | 419.1 | 496.2 |
| 62.5° | 255.2 | 254.4 | 258.5 | 262.8 | 267.5 | 277.7 | 288.1 | 306.3 | 329.0 | 366.2 | 427.5 |
| 65° | 211.7 | 213.6 | 215.4 | 217.3 | 219.8 | 226.0 | 236.0 | 248.4 | 264.0 | 290.2 | 334.4 |
| 67.5° | 166.4 | 168.3 | 168.9 | 172.7 | 178.1 | 182.0 | 188.1 | 199.2 | 209.9 | 232.0 | 257.1 |
| 70° | 134.5 | 133.9 | 134.5 | 136.3 | 143.2 | 150.0 | 158.1 | 166.3 | 173.1 | 188.6 | 209.8 |
| 72.5° | 115.6 | 114.5 | 116.1 | 116.5 | 119.8 | 121.7 | 126.7 | 134.4 | 143.2 | 153.8 | 169.0 |
| 75° | 89.7 | 89.7 | 89.7 | 89.7 | 92.1 | 93.4 | 95.3 | 97.1 | 100.2 | 105.2 | 116.5 |
| 77.5° | 66.2 | 66.4 | 67.3 | 67.9 | 68.4 | 69.1 | 70.3 | 72.1 | 73.2 | 75.8 | 80.7 |
| 80° | 52.3 | 52.9 | 52.3 | 52.9 | 52.9 | 54.2 | 54.8 | 56.6 | 57.3 | 60.4 | 62.3 |
| 82.5° | 39.4 | 39.0 | 39.4 | 40.0 | 40.0 | 41.2 | 41.4 | 42.7 | 42.9 | 44.4 | 46.3 |
| 85° | 21.2 | 20.0 | 21.2 | 20.5 | 21.8 | 20.5 | 21.2 | 22.4 | 22.4 | 23.1 | 25.5 |
| 87.5° | 7.1 | 8.1 | 7.1 | 7.5 | 7.5 | 7.9 | 7.8 | 7.8 | 8.7 | 8.2 | 8.5 |
| 90° | 10.7 | 10.5 | 10.4 | 10.2 | 10.1 | 9.8 | 9.5 | 9.2 | 8.9 | 8.6 | 7.5 |
| 92.5° | 11.8 | 11.7 | 11.6 | 11.6 | 11.4 | 11.2 | 10.6 | 10.1 | 9.6 | 9.1 | 8.3 |
| 95° | 13.5 | 13.5 | 13.5 | 13.5 | 13.5 | 13.2 | 12.7 | 12.1 | 11.6 | 11.0 | 10.1 |
| 97.5° | 14.7 | 14.6 | 14.5 | 14.4 | 14.3 | 14.0 | 13.4 | 12.8 | 12.1 | 11.5 | 17.2 |
| 100° | 15.0 | 14.9 | 14.8 | 14.7 | 14.7 | 14.3 | 13.6 | 13.0 | 12.4 | 11.7 | 24.1 |
| 102.5° | 15.2 | 15.1 | 15.0 | 14.8 | 14.7 | 15.6 | 17.5 | 19.5 | 21.5 | 23.4 | 36.9 |
| 105° | 15.7 | 15.5 | 15.4 | 15.2 | 15.1 | 21.9 | 36.0 | 49.9 | 63.9 | 78.0 | 85.1 |
| 107.5° | 49.2 | 59.7 | 70.3 | 80.8 | 91.4 | 101.8 | 112.1 | 122.3 | 132.6 | 142.8 | 141.7 |
| 110° | 97.9 | 109.2 | 120.5 | 131.8 | 143.1 | 150.0 | 152.7 | 155.3 | 157.9 | 160.5 | 159.6 |



TEST NUMBER: P332470-927

CATALOG NUMBER: S123RDIW-S1165D460U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 167.9 | 170.3 | 172.7 | 175.1 | 177.4 | 178.6 | 178.6 | 178.6 | 178.5 | 178.5 | 177.6 |
| 115° | 209.3 | 209.0 | 208.7 | 208.3 | 208.0 | 207.5 | 206.7 | 205.9 | 205.1 | 204.3 | 203.6 |
| 117.5° | 232.5 | 232.4 | 232.3 | 232.3 | 232.2 | 231.9 | 231.2 | 230.6 | 230.0 | 229.3 | 229.0 |
| 120° | 248.4 | 248.4 | 248.4 | 248.4 | 248.4 | 248.1 | 247.5 | 246.8 | 246.2 | 245.6 | 245.3 |
| 122.5° | 264.1 | 264.0 | 264.0 | 263.9 | 263.8 | 263.6 | 263.2 | 262.7 | 262.2 | 261.8 | 261.5 |
| 125° | 286.1 | 286.0 | 285.8 | 285.7 | 285.5 | 285.3 | 285.2 | 285.0 | 284.9 | 284.7 | 284.4 |
| 127.5° | 307.4 | 307.5 | 307.7 | 307.8 | 308.0 | 307.9 | 307.7 | 307.4 | 307.2 | 307.0 | 306.6 |
| 130° | 321.0 | 321.2 | 321.3 | 321.5 | 321.6 | 321.5 | 321.2 | 320.9 | 320.6 | 320.3 | 320.0 |
| 132.5° | 333.6 | 333.7 | 334.0 | 334.2 | 334.5 | 334.4 | 334.1 | 333.7 | 333.4 | 333.1 | 332.9 |
| 135° | 352.7 | 352.9 | 353.2 | 353.4 | 353.6 | 353.6 | 353.4 | 353.2 | 352.9 | 352.7 | 352.4 |
| 137.5° | 370.7 | 370.9 | 371.1 | 371.2 | 371.4 | 371.2 | 370.8 | 370.5 | 370.1 | 369.7 | 369.6 |
| 140° | 381.5 | 381.7 | 381.8 | 382.0 | 382.1 | 382.1 | 381.8 | 381.4 | 381.1 | 380.8 | 380.6 |
| 142.5° | 391.5 | 391.7 | 392.0 | 392.1 | 392.4 | 392.4 | 392.1 | 391.9 | 391.6 | 391.3 | 391.1 |
| 145° | 406.8 | 406.8 | 406.8 | 406.8 | 406.8 | 406.7 | 406.5 | 406.4 | 406.2 | 406.1 | 405.9 |
| 147.5° | 418.2 | 418.6 | 418.9 | 419.3 | 419.6 | 419.8 | 419.6 | 419.5 | 419.3 | 419.1 | 419.0 |
| 150° | 426.7 | 427.0 | 427.2 | 427.5 | 427.7 | 427.7 | 427.5 | 427.4 | 427.2 | 427.1 | 426.9 |
| 152.5° | 433.6 | 434.0 | 434.3 | 434.7 | 435.0 | 435.1 | 434.7 | 434.5 | 434.2 | 434.0 | 433.8 |
| 155° | 443.1 | 443.5 | 444.0 | 444.5 | 445.0 | 445.0 | 444.7 | 444.3 | 443.9 | 443.5 | 443.4 |
| 157.5° | 451.1 | 451.8 | 452.4 | 453.0 | 453.6 | 453.7 | 453.2 | 452.7 | 452.3 | 451.8 | 451.9 |
| 160° | 456.3 | 456.9 | 457.4 | 458.0 | 458.5 | 458.5 | 458.0 | 457.6 | 457.1 | 456.6 | 456.7 |
| 162.5° | 461.1 | 461.6 | 462.1 | 462.6 | 463.1 | 463.0 | 462.6 | 462.0 | 461.4 | 460.9 | 461.0 |
| 165° | 467.0 | 467.5 | 468.1 | 468.6 | 469.1 | 469.1 | 468.5 | 467.9 | 467.2 | 466.6 | 466.7 |
| 167.5° | 471.2 | 471.8 | 472.5 | 473.0 | 473.6 | 473.6 | 473.0 | 472.5 | 471.8 | 471.2 | 471.2 |
| 170° | 473.7 | 474.4 | 475.0 | 475.6 | 476.3 | 476.3 | 475.6 | 475.0 | 474.4 | 473.7 | 473.7 |
| 172.5° | 475.2 | 475.9 | 476.5 | 477.2 | 477.9 | 477.9 | 477.3 | 476.7 | 476.0 | 475.4 | 475.4 |
| 175° | 477.3 | 477.9 | 478.6 | 479.2 | 479.8 | 479.8 | 479.3 | 478.7 | 478.2 | 477.6 | 477.5 |
| 177.5° | 477.9 | 478.6 | 479.2 | 479.8 | 480.5 | 480.5 | 480.0 | 479.5 | 479.0 | 478.5 | 478.4 |
| 180° | 479.0 | 479.0 | 479.0 | 479.0 | 479.0 | 479.0 | 479.0 | 479.0 | 479.0 | 479.0 | 479.0 |



TEST NUMBER: P332470-927

CATALOG NUMBER: S123RDIW-S1165D460U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1454.4 | 1454.4 | 1454.4 | 1454.4 | 1454.4 | 1454.4 | 1454.4 | 1454.4 | 1454.4 | 1454.4 | 1454.4 |
| 2.5° | 1501.8 | 1500.3 | 1493.3 | 1485.3 | 1474.9 | 1467.9 | 1462.4 | 1459.4 | 1450.5 | 1439.6 | 1432.0 |
| 5° | 1594.6 | 1575.9 | 1555.9 | 1531.7 | 1509.3 | 1486.2 | 1471.9 | 1455.1 | 1434.6 | 1411.5 | 1395.3 |
| 7.5° | 1693.9 | 1657.3 | 1617.9 | 1577.2 | 1536.9 | 1500.8 | 1468.9 | 1441.6 | 1408.9 | 1375.9 | 1352.7 |
| 10° | 1770.1 | 1716.6 | 1661.2 | 1604.5 | 1552.8 | 1504.3 | 1466.9 | 1430.2 | 1391.0 | 1353.0 | 1324.4 |
| 12.5° | 1839.4 | 1768.9 | 1705.0 | 1635.4 | 1569.3 | 1511.2 | 1457.5 | 1414.2 | 1367.1 | 1326.6 | 1294.0 |
| 15° | 1927.1 | 1854.8 | 1777.6 | 1671.7 | 1584.0 | 1510.5 | 1445.1 | 1388.5 | 1331.2 | 1281.4 | 1249.6 |
| 17.5° | 2009.0 | 1900.3 | 1796.5 | 1708.3 | 1594.2 | 1502.4 | 1422.6 | 1354.9 | 1292.0 | 1239.1 | 1200.1 |
| 20° | 2042.9 | 1937.6 | 1825.0 | 1712.2 | 1600.1 | 1497.5 | 1404.6 | 1329.9 | 1264.6 | 1204.8 | 1168.7 |
| 22.5° | 2063.2 | 1944.1 | 1825.4 | 1704.3 | 1585.2 | 1478.5 | 1386.7 | 1304.6 | 1233.7 | 1176.9 | 1132.3 |
| 25° | 2087.1 | 1945.1 | 1814.3 | 1694.8 | 1573.4 | 1457.6 | 1348.6 | 1261.5 | 1184.9 | 1124.5 | 1077.1 |
| 27.5° | 2102.8 | 1935.8 | 1781.2 | 1648.4 | 1525.2 | 1409.8 | 1310.0 | 1217.6 | 1140.0 | 1076.0 | 1025.2 |
| 30° | 2105.7 | 1928.3 | 1755.8 | 1612.0 | 1486.8 | 1381.0 | 1275.2 | 1186.8 | 1104.5 | 1036.6 | 989.4 |
| 32.5° | 2109.7 | 1909.9 | 1721.4 | 1568.7 | 1440.5 | 1335.7 | 1239.8 | 1155.3 | 1071.2 | 1004.3 | 956.0 |
| 35° | 2093.3 | 1899.7 | 1669.3 | 1493.7 | 1365.4 | 1263.9 | 1177.4 | 1099.5 | 1016.8 | 952.0 | 902.9 |
| 37.5° | 2022.5 | 1859.2 | 1615.3 | 1409.3 | 1275.2 | 1181.1 | 1110.6 | 1042.7 | 966.9 | 897.0 | 850.6 |
| 40° | 1951.3 | 1819.3 | 1573.4 | 1358.0 | 1217.9 | 1121.3 | 1057.9 | 1002.4 | 929.0 | 863.6 | 813.8 |
| 42.5° | 1845.2 | 1765.1 | 1533.5 | 1304.2 | 1153.1 | 1060.1 | 1006.5 | 954.6 | 890.1 | 823.7 | 776.9 |
| 45° | 1650.6 | 1661.2 | 1452.0 | 1218.5 | 1063.4 | 970.0 | 919.6 | 883.5 | 826.2 | 771.4 | 723.5 |
| 47.5° | 1406.5 | 1505.5 | 1356.2 | 1127.2 | 968.9 | 881.3 | 837.2 | 805.6 | 767.1 | 713.3 | 669.6 |
| 50° | 1247.1 | 1388.5 | 1279.5 | 1066.0 | 909.7 | 822.5 | 778.9 | 753.4 | 719.8 | 677.4 | 635.7 |
| 52.5° | 1100.2 | 1252.0 | 1186.8 | 997.7 | 845.4 | 765.7 | 723.1 | 702.1 | 675.4 | 635.6 | 597.9 |
| 55° | 897.2 | 1051.0 | 1036.1 | 894.7 | 749.0 | 677.4 | 645.1 | 621.4 | 603.3 | 573.5 | 543.6 |
| 57.5° | 725.7 | 871.6 | 879.2 | 780.1 | 664.1 | 593.3 | 565.5 | 547.6 | 535.8 | 513.3 | 485.7 |
| 60° | 617.7 | 751.5 | 777.7 | 703.0 | 603.3 | 541.1 | 513.7 | 499.3 | 490.0 | 472.0 | 450.8 |
| 62.5° | 528.0 | 641.9 | 671.5 | 617.7 | 545.0 | 486.8 | 465.3 | 451.5 | 445.2 | 429.6 | 410.9 |
| 65° | 404.1 | 498.8 | 527.4 | 497.5 | 459.5 | 412.8 | 395.4 | 383.6 | 378.0 | 369.2 | 355.5 |
| 67.5° | 303.9 | 372.8 | 404.3 | 383.2 | 369.5 | 339.9 | 328.8 | 322.5 | 317.5 | 311.6 | 300.1 |
| 70° | 244.1 | 295.1 | 327.5 | 321.9 | 310.7 | 295.1 | 287.0 | 282.7 | 277.7 | 272.7 | 262.8 |
| 72.5° | 196.2 | 231.4 | 261.7 | 264.6 | 255.4 | 252.3 | 245.2 | 243.4 | 240.3 | 234.3 | 228.9 |
| 75° | 130.2 | 154.4 | 175.5 | 183.7 | 187.4 | 190.5 | 187.4 | 186.8 | 186.2 | 181.2 | 178.1 |
| 77.5° | 85.3 | 98.4 | 111.7 | 125.6 | 131.3 | 135.6 | 136.6 | 138.9 | 137.2 | 134.6 | 133.1 |
| 80° | 65.4 | 68.5 | 77.8 | 89.7 | 99.0 | 102.7 | 105.2 | 106.5 | 105.8 | 105.2 | 102.7 |
| 82.5° | 47.5 | 50.1 | 54.4 | 62.7 | 70.6 | 76.8 | 78.3 | 78.1 | 79.5 | 79.9 | 77.8 |
| 85° | 25.5 | 26.1 | 27.4 | 28.7 | 33.0 | 39.8 | 41.7 | 42.9 | 44.2 | 44.2 | 40.5 |
| 87.5° | 9.3 | 8.6 | 9.3 | 9.2 | 10.5 | 10.9 | 13.7 | 16.0 | 16.6 | 14.8 | 15.0 |
| 90° | 6.5 | 5.5 | 4.4 | 3.5 | 2.7 | 1.9 | 1.1 | 0.3 | 1.1 | 1.9 | 2.7 |
| 92.5° | 7.5 | 6.8 | 6.0 | 5.7 | 5.9 | 6.2 | 6.4 | 6.7 | 6.4 | 6.2 | 5.9 |
| 95° | 9.3 | 8.4 | 7.5 | 8.7 | 12.0 | 15.2 | 18.5 | 21.7 | 18.5 | 15.2 | 12.0 |
| 97.5° | 22.8 | 28.5 | 34.2 | 37.8 | 39.3 | 40.7 | 42.1 | 43.6 | 42.1 | 40.7 | 39.3 |
| 100° | 36.4 | 48.8 | 61.1 | 66.5 | 64.9 | 63.3 | 61.7 | 60.1 | 61.7 | 63.3 | 64.9 |
| 102.5° | 50.4 | 63.8 | 77.3 | 83.5 | 82.4 | 81.2 | 80.1 | 78.9 | 80.1 | 81.2 | 82.4 |
| 105° | 92.2 | 99.3 | 106.4 | 109.6 | 108.7 | 107.8 | 106.9 | 106.1 | 106.9 | 107.8 | 108.7 |
| 107.5° | 140.6 | 139.5 | 138.4 | 137.4 | 136.7 | 136.1 | 135.4 | 134.7 | 135.4 | 136.1 | 136.7 |
| 110° | 158.8 | 157.9 | 157.0 | 156.3 | 155.7 | 155.0 | 154.4 | 153.8 | 154.4 | 155.0 | 155.7 |



TEST NUMBER: P332470-927

CATALOG NUMBER: S123RDIW-S1165D460U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 176.7 | 175.9 | 175.0 | 174.3 | 173.6 | 173.1 | 172.5 | 172.0 | 172.5 | 173.1 | 173.6 |
| 115° | 202.9 | 202.2 | 201.5 | 200.8 | 200.3 | 199.9 | 199.4 | 198.9 | 199.4 | 199.9 | 200.3 |
| 117.5° | 228.6 | 228.2 | 227.9 | 227.4 | 226.8 | 226.2 | 225.7 | 225.1 | 225.7 | 226.2 | 226.8 |
| 120° | 245.1 | 244.9 | 244.6 | 244.2 | 243.4 | 242.7 | 242.0 | 241.3 | 242.0 | 242.7 | 243.4 |
| 122.5° | 261.2 | 260.9 | 260.6 | 260.2 | 259.6 | 259.0 | 258.4 | 257.9 | 258.4 | 259.0 | 259.6 |
| 125° | 284.1 | 283.8 | 283.4 | 283.0 | 282.3 | 281.7 | 281.1 | 280.4 | 281.1 | 281.7 | 282.3 |
| 127.5° | 306.2 | 305.8 | 305.4 | 304.9 | 304.3 | 303.6 | 303.0 | 302.4 | 303.0 | 303.6 | 304.3 |
| 130° | 319.7 | 319.4 | 319.1 | 318.6 | 318.0 | 317.3 | 316.7 | 316.1 | 316.7 | 317.3 | 318.0 |
| 132.5° | 332.6 | 332.4 | 332.1 | 331.7 | 331.1 | 330.4 | 329.8 | 329.2 | 329.8 | 330.4 | 331.1 |
| 135° | 352.0 | 351.7 | 351.4 | 351.0 | 350.5 | 350.1 | 349.6 | 349.1 | 349.6 | 350.1 | 350.5 |
| 137.5° | 369.4 | 369.2 | 369.0 | 368.6 | 368.0 | 367.4 | 366.9 | 366.2 | 366.9 | 367.4 | 368.0 |
| 140° | 380.3 | 380.1 | 379.9 | 379.5 | 379.1 | 378.6 | 378.1 | 377.6 | 378.1 | 378.6 | 379.1 |
| 142.5° | 390.9 | 390.6 | 390.4 | 390.1 | 389.6 | 389.1 | 388.6 | 388.2 | 388.6 | 389.1 | 389.6 |
| 145° | 405.8 | 405.6 | 405.4 | 405.1 | 404.6 | 404.0 | 403.5 | 402.9 | 403.5 | 404.0 | 404.6 |
| 147.5° | 418.8 | 418.7 | 418.5 | 418.2 | 417.9 | 417.5 | 417.2 | 416.8 | 417.2 | 417.5 | 417.9 |
| 150° | 426.7 | 426.6 | 426.4 | 426.3 | 426.0 | 425.8 | 425.6 | 425.3 | 425.6 | 425.8 | 426.0 |
| 152.5° | 433.7 | 433.6 | 433.6 | 433.5 | 433.3 | 433.2 | 433.1 | 433.0 | 433.1 | 433.2 | 433.3 |
| 155° | 443.3 | 443.2 | 443.1 | 443.2 | 443.4 | 443.5 | 443.6 | 443.8 | 443.6 | 443.5 | 443.4 |
| 157.5° | 451.9 | 452.0 | 452.1 | 452.2 | 452.2 | 452.2 | 452.2 | 452.3 | 452.2 | 452.2 | 452.2 |
| 160° | 456.8 | 456.9 | 456.9 | 457.0 | 457.1 | 457.2 | 457.2 | 457.3 | 457.2 | 457.2 | 457.1 |
| 162.5° | 461.1 | 461.1 | 461.2 | 461.4 | 461.6 | 461.8 | 462.0 | 462.2 | 462.0 | 461.8 | 461.6 |
| 165° | 466.8 | 466.8 | 466.9 | 467.1 | 467.3 | 467.5 | 467.8 | 468.0 | 467.8 | 467.5 | 467.3 |
| 167.5° | 471.2 | 471.2 | 471.2 | 471.3 | 471.7 | 472.0 | 472.3 | 472.6 | 472.3 | 472.0 | 471.7 |
| 170° | 473.7 | 473.7 | 473.7 | 473.9 | 474.2 | 474.5 | 474.8 | 475.2 | 474.8 | 474.5 | 474.2 |
| 172.5° | 475.3 | 475.2 | 475.2 | 475.3 | 475.7 | 476.1 | 476.5 | 476.8 | 476.5 | 476.1 | 475.7 |
| 175° | 477.4 | 477.4 | 477.3 | 477.4 | 477.8 | 478.2 | 478.6 | 479.0 | 478.6 | 478.2 | 477.8 |
| 177.5° | 478.3 | 478.3 | 478.2 | 478.3 | 478.6 | 479.0 | 479.3 | 479.6 | 479.3 | 479.0 | 478.6 |
| 180° | 479.0 | 479.0 | 479.0 | 479.0 | 479.0 | 479.0 | 479.0 | 479.0 | 479.0 | 479.0 | 479.0 |



TEST NUMBER: P332470-927

CATALOG NUMBER: S123RDIW-S1165D460U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1454.4 | 1454.4 | 1454.4 | 1454.4 | 1454.4 | 1454.4 | 1454.4 | 1454.4 | 1454.4 | 1454.4 | 1454.4 |
| 2.5° | 1429.6 | 1423.1 | 1418.6 | 1408.7 | 1402.2 | 1395.2 | 1388.2 | 1392.7 | 1392.2 | 1391.7 | 1391.7 |
| 5° | 1381.6 | 1367.3 | 1354.2 | 1337.4 | 1326.8 | 1313.8 | 1303.8 | 1302.5 | 1305.0 | 1296.3 | 1291.3 |
| 7.5° | 1334.0 | 1314.5 | 1295.9 | 1277.4 | 1257.7 | 1242.1 | 1232.2 | 1227.6 | 1221.2 | 1215.8 | 1210.3 |
| 10° | 1300.7 | 1277.6 | 1259.6 | 1236.5 | 1215.4 | 1196.7 | 1184.9 | 1176.8 | 1172.4 | 1168.1 | 1160.0 |
| 12.5° | 1266.3 | 1243.8 | 1220.8 | 1194.7 | 1174.6 | 1152.9 | 1144.0 | 1135.0 | 1126.6 | 1121.7 | 1110.6 |
| 15° | 1216.0 | 1186.8 | 1162.4 | 1135.0 | 1112.6 | 1091.5 | 1079.0 | 1061.0 | 1058.4 | 1052.3 | 1041.0 |
| 17.5° | 1165.5 | 1133.8 | 1100.3 | 1080.0 | 1054.7 | 1032.7 | 1013.8 | 1007.7 | 989.8 | 983.1 | 973.4 |
| 20° | 1125.7 | 1096.5 | 1071.0 | 1044.2 | 1007.4 | 986.9 | 971.9 | 963.8 | 949.5 | 940.8 | 934.5 |
| 22.5° | 1091.3 | 1061.6 | 1032.1 | 1000.8 | 970.6 | 947.5 | 936.6 | 924.0 | 916.2 | 904.0 | 897.2 |
| 25° | 1042.3 | 1009.9 | 974.4 | 940.8 | 919.0 | 901.6 | 884.2 | 872.9 | 861.7 | 856.1 | 843.7 |
| 27.5° | 985.2 | 951.4 | 918.2 | 892.7 | 865.9 | 848.7 | 833.0 | 823.0 | 809.5 | 800.1 | 793.2 |
| 30° | 953.9 | 914.0 | 885.3 | 862.4 | 828.1 | 811.9 | 800.1 | 787.7 | 777.7 | 767.7 | 760.9 |
| 32.5° | 917.5 | 881.1 | 854.0 | 825.5 | 799.2 | 781.5 | 766.2 | 755.3 | 746.8 | 737.3 | 730.5 |
| 35° | 860.5 | 830.0 | 801.9 | 773.3 | 754.0 | 735.9 | 717.9 | 708.5 | 700.4 | 691.7 | 685.6 |
| 37.5° | 808.9 | 780.4 | 753.8 | 726.6 | 702.7 | 688.0 | 673.4 | 666.3 | 655.4 | 649.5 | 643.2 |
| 40° | 777.1 | 749.0 | 720.4 | 694.3 | 669.3 | 658.1 | 645.1 | 634.5 | 624.5 | 620.1 | 613.3 |
| 42.5° | 742.2 | 714.2 | 690.0 | 661.9 | 641.4 | 626.2 | 614.2 | 602.6 | 595.1 | 588.7 | 584.9 |
| 45° | 690.5 | 665.6 | 641.9 | 613.9 | 594.6 | 581.5 | 567.8 | 557.2 | 550.4 | 546.1 | 539.2 |
| 47.5° | 640.3 | 615.4 | 591.4 | 567.0 | 548.3 | 533.4 | 519.7 | 512.3 | 503.2 | 497.9 | 493.2 |
| 50° | 604.0 | 581.5 | 556.0 | 533.6 | 514.9 | 499.9 | 488.8 | 479.4 | 471.3 | 464.5 | 461.4 |
| 52.5° | 570.6 | 546.7 | 524.7 | 503.7 | 484.0 | 467.1 | 456.9 | 447.0 | 440.9 | 433.1 | 429.5 |
| 55° | 515.6 | 492.5 | 473.8 | 453.3 | 434.0 | 419.6 | 407.2 | 398.5 | 392.3 | 383.6 | 378.6 |
| 57.5° | 463.8 | 443.2 | 420.9 | 403.1 | 383.2 | 371.1 | 360.8 | 349.0 | 341.4 | 334.5 | 329.6 |
| 60° | 429.0 | 405.4 | 386.0 | 369.2 | 351.8 | 336.2 | 326.9 | 317.5 | 309.4 | 302.6 | 298.3 |
| 62.5° | 392.6 | 371.9 | 353.6 | 335.3 | 319.4 | 305.9 | 295.0 | 287.2 | 280.0 | 275.7 | 271.3 |
| 65° | 336.8 | 320.7 | 302.0 | 287.0 | 272.1 | 262.1 | 253.4 | 246.5 | 241.6 | 238.4 | 234.7 |
| 67.5° | 285.5 | 269.8 | 253.5 | 238.8 | 228.9 | 221.3 | 215.6 | 209.7 | 207.2 | 203.2 | 200.7 |
| 70° | 252.2 | 236.0 | 221.7 | 210.5 | 200.5 | 194.9 | 191.2 | 186.8 | 184.3 | 179.4 | 176.8 |
| 72.5° | 215.8 | 204.1 | 193.8 | 184.6 | 176.6 | 171.5 | 166.8 | 161.4 | 157.4 | 151.9 | 149.4 |
| 75° | 170.0 | 159.4 | 151.3 | 145.0 | 140.1 | 133.2 | 126.4 | 120.8 | 118.9 | 117.1 | 116.5 |
| 77.5° | 125.9 | 119.1 | 113.3 | 108.1 | 101.9 | 96.9 | 95.4 | 94.1 | 93.8 | 92.8 | 92.8 |
| 80° | 99.0 | 92.8 | 88.4 | 82.1 | 78.4 | 78.4 | 78.4 | 77.2 | 77.8 | 77.8 | 77.8 |
| 82.5° | 73.6 | 67.9 | 65.5 | 63.3 | 62.5 | 63.0 | 63.0 | 63.3 | 62.9 | 63.8 | 63.4 |
| 85° | 37.9 | 38.6 | 39.8 | 39.2 | 39.8 | 39.8 | 41.1 | 40.5 | 41.1 | 39.8 | 41.1 |
| 87.5° | 14.7 | 16.3 | 17.0 | 17.7 | 18.5 | 18.1 | 18.7 | 18.8 | 19.3 | 19.4 | 19.4 |
| 90° | 3.5 | 4.4 | 5.5 | 6.5 | 7.5 | 8.6 | 8.9 | 9.2 | 9.5 | 9.8 | 10.1 |
| 92.5° | 5.7 | 6.0 | 6.8 | 7.5 | 8.3 | 9.1 | 9.6 | 10.1 | 10.6 | 11.2 | 11.4 |
| 95° | 8.7 | 7.5 | 8.4 | 9.3 | 10.1 | 11.0 | 11.6 | 12.1 | 12.7 | 13.2 | 13.5 |
| 97.5° | 37.8 | 34.2 | 28.5 | 22.8 | 17.2 | 11.5 | 12.1 | 12.8 | 13.4 | 14.0 | 14.3 |
| 100° | 66.5 | 61.1 | 48.8 | 36.4 | 24.1 | 11.7 | 12.4 | 13.0 | 13.6 | 14.3 | 14.7 |
| 102.5° | 83.5 | 77.3 | 63.8 | 50.4 | 36.9 | 23.4 | 21.5 | 19.5 | 17.5 | 15.6 | 14.7 |
| 105° | 109.6 | 106.4 | 99.3 | 92.2 | 85.1 | 78.0 | 63.9 | 49.9 | 36.0 | 21.9 | 15.1 |
| 107.5° | 137.4 | 138.4 | 139.5 | 140.6 | 141.7 | 142.8 | 132.6 | 122.3 | 112.1 | 101.8 | 91.4 |
| 110° | 156.3 | 157.0 | 157.9 | 158.8 | 159.6 | 160.5 | 157.9 | 155.3 | 152.7 | 150.0 | 143.1 |



TEST NUMBER: P332470-927

CATALOG NUMBER: S123RDIW-S1165D460U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 174.3 | 175.0 | 175.9 | 176.7 | 177.6 | 178.5 | 178.5 | 178.6 | 178.6 | 178.6 | 177.4 |
| 115° | 200.8 | 201.5 | 202.2 | 202.9 | 203.6 | 204.3 | 205.1 | 205.9 | 206.7 | 207.5 | 208.0 |
| 117.5° | 227.4 | 227.9 | 228.2 | 228.6 | 229.0 | 229.3 | 230.0 | 230.6 | 231.2 | 231.9 | 232.2 |
| 120° | 244.2 | 244.6 | 244.9 | 245.1 | 245.3 | 245.6 | 246.2 | 246.8 | 247.5 | 248.1 | 248.4 |
| 122.5° | 260.2 | 260.6 | 260.9 | 261.2 | 261.5 | 261.8 | 262.2 | 262.7 | 263.2 | 263.6 | 263.8 |
| 125° | 283.0 | 283.4 | 283.8 | 284.1 | 284.4 | 284.7 | 284.9 | 285.0 | 285.2 | 285.3 | 285.5 |
| 127.5° | 304.9 | 305.4 | 305.8 | 306.2 | 306.6 | 307.0 | 307.2 | 307.4 | 307.7 | 307.9 | 308.0 |
| 130° | 318.6 | 319.1 | 319.4 | 319.7 | 320.0 | 320.3 | 320.6 | 320.9 | 321.2 | 321.5 | 321.6 |
| 132.5° | 331.7 | 332.1 | 332.4 | 332.6 | 332.9 | 333.1 | 333.4 | 333.7 | 334.1 | 334.4 | 334.5 |
| 135° | 351.0 | 351.4 | 351.7 | 352.0 | 352.4 | 352.7 | 352.9 | 353.2 | 353.4 | 353.6 | 353.6 |
| 137.5° | 368.6 | 369.0 | 369.2 | 369.4 | 369.6 | 369.7 | 370.1 | 370.5 | 370.8 | 371.2 | 371.4 |
| 140° | 379.5 | 379.9 | 380.1 | 380.3 | 380.6 | 380.8 | 381.1 | 381.4 | 381.8 | 382.1 | 382.1 |
| 142.5° | 390.1 | 390.4 | 390.6 | 390.9 | 391.1 | 391.3 | 391.6 | 391.9 | 392.1 | 392.4 | 392.4 |
| 145° | 405.1 | 405.4 | 405.6 | 405.8 | 405.9 | 406.1 | 406.2 | 406.4 | 406.5 | 406.7 | 406.8 |
| 147.5° | 418.2 | 418.5 | 418.7 | 418.8 | 419.0 | 419.1 | 419.3 | 419.5 | 419.6 | 419.8 | 419.6 |
| 150° | 426.3 | 426.4 | 426.6 | 426.7 | 426.9 | 427.1 | 427.2 | 427.4 | 427.5 | 427.7 | 427.7 |
| 152.5° | 433.5 | 433.6 | 433.6 | 433.7 | 433.8 | 434.0 | 434.2 | 434.5 | 434.7 | 435.1 | 435.0 |
| 155° | 443.2 | 443.1 | 443.2 | 443.3 | 443.4 | 443.5 | 443.9 | 444.3 | 444.7 | 445.0 | 445.0 |
| 157.5° | 452.2 | 452.1 | 452.0 | 451.9 | 451.9 | 451.8 | 452.3 | 452.7 | 453.2 | 453.7 | 453.6 |
| 160° | 457.0 | 456.9 | 456.9 | 456.8 | 456.7 | 456.6 | 457.1 | 457.6 | 458.0 | 458.5 | 458.5 |
| 162.5° | 461.4 | 461.2 | 461.1 | 461.1 | 461.0 | 460.9 | 461.4 | 462.0 | 462.6 | 463.0 | 463.1 |
| 165° | 467.1 | 466.9 | 466.8 | 466.8 | 466.7 | 466.6 | 467.2 | 467.9 | 468.5 | 469.1 | 469.1 |
| 167.5° | 471.3 | 471.2 | 471.2 | 471.2 | 471.2 | 471.2 | 471.8 | 472.5 | 473.0 | 473.6 | 473.6 |
| 170° | 473.9 | 473.7 | 473.7 | 473.7 | 473.7 | 473.7 | 474.4 | 475.0 | 475.6 | 476.3 | 476.3 |
| 172.5° | 475.3 | 475.2 | 475.2 | 475.3 | 475.4 | 475.4 | 476.0 | 476.7 | 477.3 | 477.9 | 477.9 |
| 175° | 477.4 | 477.3 | 477.4 | 477.4 | 477.5 | 477.6 | 478.2 | 478.7 | 479.3 | 479.8 | 479.8 |
| 177.5° | 478.3 | 478.2 | 478.3 | 478.3 | 478.4 | 478.5 | 479.0 | 479.5 | 480.0 | 480.5 | 480.5 |
| 180° | 479.0 | 479.0 | 479.0 | 479.0 | 479.0 | 479.0 | 479.0 | 479.0 | 479.0 | 479.0 | 479.0 |



TEST NUMBER: P332470-927

CATALOG NUMBER: S123RDIW-S1165D460U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1454.4 | 1454.4 | 1454.4 | 1454.4 | 1454.4 | 1454.4 | 1454.4 | 1454.4 | 1454.4 | 1454.4 | 1454.4 |
| 2.5° | 1385.8 | 1385.2 | 1385.8 | 1383.7 | 1385.8 | 1385.2 | 1385.8 | 1391.7 | 1391.7 | 1392.2 | 1392.7 |
| 5° | 1289.4 | 1288.9 | 1287.0 | 1281.4 | 1287.0 | 1288.9 | 1289.4 | 1291.3 | 1296.3 | 1305.0 | 1302.5 |
| 7.5° | 1205.4 | 1204.5 | 1199.0 | 1199.2 | 1199.0 | 1204.5 | 1205.4 | 1210.3 | 1215.8 | 1221.2 | 1227.6 |
| 10° | 1155.6 | 1156.2 | 1148.7 | 1144.4 | 1148.7 | 1156.2 | 1155.6 | 1160.0 | 1168.1 | 1172.4 | 1176.8 |
| 12.5° | 1107.3 | 1104.5 | 1098.4 | 1093.6 | 1098.4 | 1104.5 | 1107.3 | 1110.6 | 1121.7 | 1126.6 | 1135.0 |
| 15° | 1043.5 | 1037.3 | 1022.4 | 1023.6 | 1022.4 | 1037.3 | 1043.5 | 1041.0 | 1052.3 | 1058.4 | 1061.0 |
| 17.5° | 968.4 | 963.8 | 963.6 | 954.9 | 963.6 | 963.8 | 968.4 | 973.4 | 983.1 | 989.8 | 1007.7 |
| 20° | 924.6 | 921.5 | 922.7 | 914.0 | 922.7 | 921.5 | 924.6 | 934.5 | 940.8 | 949.5 | 963.8 |
| 22.5° | 890.3 | 887.1 | 881.9 | 879.2 | 881.9 | 887.1 | 890.3 | 897.2 | 904.0 | 916.2 | 924.0 |
| 25° | 840.0 | 835.0 | 830.0 | 833.1 | 830.0 | 835.0 | 840.0 | 843.7 | 856.1 | 861.7 | 872.9 |
| 27.5° | 789.6 | 785.9 | 780.9 | 780.3 | 780.9 | 785.9 | 789.6 | 793.2 | 800.1 | 809.5 | 823.0 |
| 30° | 757.7 | 754.0 | 751.5 | 748.4 | 751.5 | 754.0 | 757.7 | 760.9 | 767.7 | 777.7 | 787.7 |
| 32.5° | 725.4 | 724.6 | 720.2 | 719.5 | 720.2 | 724.6 | 725.4 | 730.5 | 737.3 | 746.8 | 755.3 |
| 35° | 683.0 | 679.3 | 678.0 | 678.7 | 678.0 | 679.3 | 683.0 | 685.6 | 691.7 | 700.4 | 708.5 |
| 37.5° | 642.8 | 637.8 | 635.6 | 633.3 | 635.6 | 637.8 | 642.8 | 643.2 | 649.5 | 655.4 | 666.3 |
| 40° | 613.9 | 609.0 | 607.7 | 606.4 | 607.7 | 609.0 | 613.9 | 613.3 | 620.1 | 624.5 | 634.5 |
| 42.5° | 581.5 | 579.6 | 578.8 | 576.6 | 578.8 | 579.6 | 581.5 | 584.9 | 588.7 | 595.1 | 602.6 |
| 45° | 537.3 | 536.7 | 533.0 | 534.2 | 533.0 | 536.7 | 537.3 | 539.2 | 546.1 | 550.4 | 557.2 |
| 47.5° | 490.8 | 488.0 | 485.4 | 487.1 | 485.4 | 488.0 | 490.8 | 493.2 | 497.9 | 503.2 | 512.3 |
| 50° | 458.9 | 457.6 | 452.0 | 453.3 | 452.0 | 457.6 | 458.9 | 461.4 | 464.5 | 471.3 | 479.4 |
| 52.5° | 427.0 | 422.2 | 420.2 | 419.4 | 420.2 | 422.2 | 427.0 | 429.5 | 433.1 | 440.9 | 447.0 |
| 55° | 374.2 | 368.6 | 366.1 | 364.9 | 366.1 | 368.6 | 374.2 | 378.6 | 383.6 | 392.3 | 398.5 |
| 57.5° | 322.4 | 320.9 | 318.9 | 320.3 | 318.9 | 320.9 | 322.4 | 329.6 | 334.5 | 341.4 | 349.0 |
| 60° | 292.0 | 292.0 | 292.0 | 291.4 | 292.0 | 292.0 | 292.0 | 298.3 | 302.6 | 309.4 | 317.5 |
| 62.5° | 268.6 | 267.1 | 266.6 | 267.5 | 266.6 | 267.1 | 268.6 | 271.3 | 275.7 | 280.0 | 287.2 |
| 65° | 232.9 | 232.3 | 229.7 | 229.1 | 229.7 | 232.3 | 232.9 | 234.7 | 238.4 | 241.6 | 246.5 |
| 67.5° | 199.2 | 196.9 | 196.1 | 195.3 | 196.1 | 196.9 | 199.2 | 200.7 | 203.2 | 207.2 | 209.7 |
| 70° | 173.7 | 172.5 | 168.7 | 169.4 | 168.7 | 172.5 | 173.7 | 176.8 | 179.4 | 184.3 | 186.8 |
| 72.5° | 146.3 | 145.0 | 144.3 | 143.5 | 144.3 | 145.0 | 146.3 | 149.4 | 151.9 | 157.4 | 161.4 |
| 75° | 115.8 | 115.2 | 114.5 | 117.1 | 114.5 | 115.2 | 115.8 | 116.5 | 117.1 | 118.9 | 120.8 |
| 77.5° | 92.8 | 92.8 | 93.2 | 92.1 | 93.2 | 92.8 | 92.8 | 92.8 | 92.8 | 93.8 | 94.1 |
| 80° | 77.8 | 77.8 | 77.2 | 77.2 | 77.2 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.2 |
| 82.5° | 62.4 | 62.9 | 63.3 | 62.3 | 63.3 | 62.9 | 62.4 | 63.4 | 63.8 | 62.9 | 63.3 |
| 85° | 41.1 | 40.5 | 41.7 | 41.1 | 41.7 | 40.5 | 41.1 | 41.1 | 39.8 | 41.1 | 40.5 |
| 87.5° | 20.4 | 19.5 | 19.6 | 20.0 | 19.6 | 19.5 | 20.4 | 19.4 | 19.4 | 19.3 | 18.8 |
| 90° | 10.2 | 10.4 | 10.5 | 10.7 | 10.5 | 10.4 | 10.2 | 10.1 | 9.8 | 9.5 | 9.2 |
| 92.5° | 11.6 | 11.6 | 11.7 | 11.8 | 11.7 | 11.6 | 11.6 | 11.4 | 11.2 | 10.6 | 10.1 |
| 95° | 13.5 | 13.5 | 13.5 | 13.5 | 13.5 | 13.5 | 13.5 | 13.5 | 13.2 | 12.7 | 12.1 |
| 97.5° | 14.4 | 14.5 | 14.6 | 14.7 | 14.6 | 14.5 | 14.4 | 14.3 | 14.0 | 13.4 | 12.8 |
| 100° | 14.7 | 14.8 | 14.9 | 15.0 | 14.9 | 14.8 | 14.7 | 14.7 | 14.3 | 13.6 | 13.0 |
| 102.5° | 14.8 | 15.0 | 15.1 | 15.2 | 15.1 | 15.0 | 14.8 | 14.7 | 15.6 | 17.5 | 19.5 |
| 105° | 15.2 | 15.4 | 15.5 | 15.7 | 15.5 | 15.4 | 15.2 | 15.1 | 21.9 | 36.0 | 49.9 |
| 107.5° | 80.8 | 70.3 | 59.7 | 49.2 | 59.7 | 70.3 | 80.8 | 91.4 | 101.8 | 112.1 | 122.3 |
| 110° | 131.8 | 120.5 | 109.2 | 97.9 | 109.2 | 120.5 | 131.8 | 143.1 | 150.0 | 152.7 | 155.3 |



TEST NUMBER: P332470-927

CATALOG NUMBER: S123RDIW-S1165D460U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 175.1 | 172.7 | 170.3 | 167.9 | 170.3 | 172.7 | 175.1 | 177.4 | 178.6 | 178.6 | 178.6 |
| 115° | 208.3 | 208.7 | 209.0 | 209.3 | 209.0 | 208.7 | 208.3 | 208.0 | 207.5 | 206.7 | 205.9 |
| 117.5° | 232.3 | 232.3 | 232.4 | 232.5 | 232.4 | 232.3 | 232.3 | 232.2 | 231.9 | 231.2 | 230.6 |
| 120° | 248.4 | 248.4 | 248.4 | 248.4 | 248.4 | 248.4 | 248.4 | 248.4 | 248.1 | 247.5 | 246.8 |
| 122.5° | 263.9 | 264.0 | 264.0 | 264.1 | 264.0 | 264.0 | 263.9 | 263.8 | 263.6 | 263.2 | 262.7 |
| 125° | 285.7 | 285.8 | 286.0 | 286.1 | 286.0 | 285.8 | 285.7 | 285.5 | 285.3 | 285.2 | 285.0 |
| 127.5° | 307.8 | 307.7 | 307.5 | 307.4 | 307.5 | 307.7 | 307.8 | 308.0 | 307.9 | 307.7 | 307.4 |
| 130° | 321.5 | 321.3 | 321.2 | 321.0 | 321.2 | 321.3 | 321.5 | 321.6 | 321.5 | 321.2 | 320.9 |
| 132.5° | 334.2 | 334.0 | 333.7 | 333.6 | 333.7 | 334.0 | 334.2 | 334.5 | 334.4 | 334.1 | 333.7 |
| 135° | 353.4 | 353.2 | 352.9 | 352.7 | 352.9 | 353.2 | 353.4 | 353.6 | 353.6 | 353.4 | 353.2 |
| 137.5° | 371.2 | 371.1 | 370.9 | 370.7 | 370.9 | 371.1 | 371.2 | 371.4 | 371.2 | 370.8 | 370.5 |
| 140° | 382.0 | 381.8 | 381.7 | 381.5 | 381.7 | 381.8 | 382.0 | 382.1 | 382.1 | 381.8 | 381.4 |
| 142.5° | 392.1 | 392.0 | 391.7 | 391.5 | 391.7 | 392.0 | 392.1 | 392.4 | 392.4 | 392.1 | 391.9 |
| 145° | 406.8 | 406.8 | 406.8 | 406.8 | 406.8 | 406.8 | 406.8 | 406.8 | 406.7 | 406.5 | 406.4 |
| 147.5° | 419.3 | 418.9 | 418.6 | 418.2 | 418.6 | 418.9 | 419.3 | 419.6 | 419.8 | 419.6 | 419.5 |
| 150° | 427.5 | 427.2 | 427.0 | 426.7 | 427.0 | 427.2 | 427.5 | 427.7 | 427.7 | 427.5 | 427.4 |
| 152.5° | 434.7 | 434.3 | 434.0 | 433.6 | 434.0 | 434.3 | 434.7 | 435.0 | 435.1 | 434.7 | 434.5 |
| 155° | 444.5 | 444.0 | 443.5 | 443.1 | 443.5 | 444.0 | 444.5 | 445.0 | 445.0 | 444.7 | 444.3 |
| 157.5° | 453.0 | 452.4 | 451.8 | 451.1 | 451.8 | 452.4 | 453.0 | 453.6 | 453.7 | 453.2 | 452.7 |
| 160° | 458.0 | 457.4 | 456.9 | 456.3 | 456.9 | 457.4 | 458.0 | 458.5 | 458.5 | 458.0 | 457.6 |
| 162.5° | 462.6 | 462.1 | 461.6 | 461.1 | 461.6 | 462.1 | 462.6 | 463.1 | 463.0 | 462.6 | 462.0 |
| 165° | 468.6 | 468.1 | 467.5 | 467.0 | 467.5 | 468.1 | 468.6 | 469.1 | 469.1 | 468.5 | 467.9 |
| 167.5° | 473.0 | 472.5 | 471.8 | 471.2 | 471.8 | 472.5 | 473.0 | 473.6 | 473.6 | 473.0 | 472.5 |
| 170° | 475.6 | 475.0 | 474.4 | 473.7 | 474.4 | 475.0 | 475.6 | 476.3 | 476.3 | 475.6 | 475.0 |
| 172.5° | 477.2 | 476.5 | 475.9 | 475.2 | 475.9 | 476.5 | 477.2 | 477.9 | 477.9 | 477.3 | 476.7 |
| 175° | 479.2 | 478.6 | 477.9 | 477.3 | 477.9 | 478.6 | 479.2 | 479.8 | 479.8 | 479.3 | 478.7 |
| 177.5° | 479.8 | 479.2 | 478.6 | 477.9 | 478.6 | 479.2 | 479.8 | 480.5 | 480.5 | 480.0 | 479.5 |
| 180° | 479.0 | 479.0 | 479.0 | 479.0 | 479.0 | 479.0 | 479.0 | 479.0 | 479.0 | 479.0 | 479.0 |



TEST NUMBER: P332470-927

CATALOG NUMBER: S123RDIW-S1165D460U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1454.4 | 1454.4 | 1454.4 | 1454.4 | 1454.4 | 1454.4 | 1454.4 | 1454.4 | 1454.4 | 1454.4 | 1454.4 |
| 2.5° | 1388.2 | 1395.2 | 1402.2 | 1408.7 | 1418.6 | 1423.1 | 1429.6 | 1432.0 | 1439.6 | 1450.5 | 1459.4 |
| 5° | 1303.8 | 1313.8 | 1326.8 | 1337.4 | 1354.2 | 1367.3 | 1381.6 | 1395.3 | 1411.5 | 1434.6 | 1455.1 |
| 7.5° | 1232.2 | 1242.1 | 1257.7 | 1277.4 | 1295.9 | 1314.5 | 1334.0 | 1352.7 | 1375.9 | 1408.9 | 1441.6 |
| 10° | 1184.9 | 1196.7 | 1215.4 | 1236.5 | 1259.6 | 1277.6 | 1300.7 | 1324.4 | 1353.0 | 1391.0 | 1430.2 |
| 12.5° | 1144.0 | 1152.9 | 1174.6 | 1194.7 | 1220.8 | 1243.8 | 1266.3 | 1294.0 | 1326.6 | 1367.1 | 1414.2 |
| 15° | 1079.0 | 1091.5 | 1112.6 | 1135.0 | 1162.4 | 1186.8 | 1216.0 | 1249.6 | 1281.4 | 1331.2 | 1388.5 |
| 17.5° | 1013.8 | 1032.7 | 1054.7 | 1080.0 | 1100.3 | 1133.8 | 1165.5 | 1200.1 | 1239.1 | 1292.0 | 1354.9 |
| 20° | 971.9 | 986.9 | 1007.4 | 1044.2 | 1071.0 | 1096.5 | 1125.7 | 1168.7 | 1204.8 | 1264.6 | 1329.9 |
| 22.5° | 936.6 | 947.5 | 970.6 | 1000.8 | 1032.1 | 1061.6 | 1091.3 | 1132.3 | 1176.9 | 1233.7 | 1304.6 |
| 25° | 884.2 | 901.6 | 919.0 | 940.8 | 974.4 | 1009.9 | 1042.3 | 1077.1 | 1124.5 | 1184.9 | 1261.5 |
| 27.5° | 833.0 | 848.7 | 865.9 | 892.7 | 918.2 | 951.4 | 985.2 | 1025.2 | 1076.0 | 1140.0 | 1217.6 |
| 30° | 800.1 | 811.9 | 828.1 | 862.4 | 885.3 | 914.0 | 953.9 | 989.4 | 1036.6 | 1104.5 | 1186.8 |
| 32.5° | 766.2 | 781.5 | 799.2 | 825.5 | 854.0 | 881.1 | 917.5 | 956.0 | 1004.3 | 1071.2 | 1155.3 |
| 35° | 717.9 | 735.9 | 754.0 | 773.3 | 801.9 | 830.0 | 860.5 | 902.9 | 952.0 | 1016.8 | 1099.5 |
| 37.5° | 673.4 | 688.0 | 702.7 | 726.6 | 753.8 | 780.4 | 808.9 | 850.6 | 897.0 | 966.9 | 1042.7 |
| 40° | 645.1 | 658.1 | 669.3 | 694.3 | 720.4 | 749.0 | 777.1 | 813.8 | 863.6 | 929.0 | 1002.4 |
| 42.5° | 614.2 | 626.2 | 641.4 | 661.9 | 690.0 | 714.2 | 742.2 | 776.9 | 823.7 | 890.1 | 954.6 |
| 45° | 567.8 | 581.5 | 594.6 | 613.9 | 641.9 | 665.6 | 690.5 | 723.5 | 771.4 | 826.2 | 883.5 |
| 47.5° | 519.7 | 533.4 | 548.3 | 567.0 | 591.4 | 615.4 | 640.3 | 669.6 | 713.3 | 767.1 | 805.6 |
| 50° | 488.8 | 499.9 | 514.9 | 533.6 | 556.0 | 581.5 | 604.0 | 635.7 | 677.4 | 719.8 | 753.4 |
| 52.5° | 456.9 | 467.1 | 484.0 | 503.7 | 524.7 | 546.7 | 570.6 | 597.9 | 635.6 | 675.4 | 702.1 |
| 55° | 407.2 | 419.6 | 434.0 | 453.3 | 473.8 | 492.5 | 515.6 | 543.6 | 573.5 | 603.3 | 621.4 |
| 57.5° | 360.8 | 371.1 | 383.2 | 403.1 | 420.9 | 443.2 | 463.8 | 485.7 | 513.3 | 535.8 | 547.6 |
| 60° | 326.9 | 336.2 | 351.8 | 369.2 | 386.0 | 405.4 | 429.0 | 450.8 | 472.0 | 490.0 | 499.3 |
| 62.5° | 295.0 | 305.9 | 319.4 | 335.3 | 353.6 | 371.9 | 392.6 | 410.9 | 429.6 | 445.2 | 451.5 |
| 65° | 253.4 | 262.1 | 272.1 | 287.0 | 302.0 | 320.7 | 336.8 | 355.5 | 369.2 | 378.0 | 383.6 |
| 67.5° | 215.6 | 221.3 | 228.9 | 238.8 | 253.5 | 269.8 | 285.5 | 300.1 | 311.6 | 317.5 | 322.5 |
| 70° | 191.2 | 194.9 | 200.5 | 210.5 | 221.7 | 236.0 | 252.2 | 262.8 | 272.7 | 277.7 | 282.7 |
| 72.5° | 166.8 | 171.5 | 176.6 | 184.6 | 193.8 | 204.1 | 215.8 | 228.9 | 234.3 | 240.3 | 243.4 |
| 75° | 126.4 | 133.2 | 140.1 | 145.0 | 151.3 | 159.4 | 170.0 | 178.1 | 181.2 | 186.2 | 186.8 |
| 77.5° | 95.4 | 96.9 | 101.9 | 108.1 | 113.3 | 119.1 | 125.9 | 133.1 | 134.6 | 137.2 | 138.9 |
| 80° | 78.4 | 78.4 | 78.4 | 82.1 | 88.4 | 92.8 | 99.0 | 102.7 | 105.2 | 105.8 | 106.5 |
| 82.5° | 63.0 | 63.0 | 62.5 | 63.3 | 65.5 | 67.9 | 73.6 | 77.8 | 79.9 | 79.5 | 78.1 |
| 85° | 41.1 | 39.8 | 39.8 | 39.2 | 39.8 | 38.6 | 37.9 | 40.5 | 44.2 | 44.2 | 42.9 |
| 87.5° | 18.7 | 18.1 | 18.5 | 17.7 | 17.0 | 16.3 | 14.7 | 15.0 | 14.8 | 16.6 | 16.0 |
| 90° | 8.9 | 8.6 | 7.5 | 6.5 | 5.5 | 4.4 | 3.5 | 2.7 | 1.9 | 1.1 | 0.3 |
| 92.5° | 9.6 | 9.1 | 8.3 | 7.5 | 6.8 | 6.0 | 5.7 | 5.9 | 6.2 | 6.4 | 6.7 |
| 95° | 11.6 | 11.0 | 10.1 | 9.3 | 8.4 | 7.5 | 8.7 | 12.0 | 15.2 | 18.5 | 21.7 |
| 97.5° | 12.1 | 11.5 | 17.2 | 22.8 | 28.5 | 34.2 | 37.8 | 39.3 | 40.7 | 42.1 | 43.6 |
| 100° | 12.4 | 11.7 | 24.1 | 36.4 | 48.8 | 61.1 | 66.5 | 64.9 | 63.3 | 61.7 | 60.1 |
| 102.5° | 21.5 | 23.4 | 36.9 | 50.4 | 63.8 | 77.3 | 83.5 | 82.4 | 81.2 | 80.1 | 78.9 |
| 105° | 63.9 | 78.0 | 85.1 | 92.2 | 99.3 | 106.4 | 109.6 | 108.7 | 107.8 | 106.9 | 106.1 |
| 107.5° | 132.6 | 142.8 | 141.7 | 140.6 | 139.5 | 138.4 | 137.4 | 136.7 | 136.1 | 135.4 | 134.7 |
| 110° | 157.9 | 160.5 | 159.6 | 158.8 | 157.9 | 157.0 | 156.3 | 155.7 | 155.0 | 154.4 | 153.8 |



TEST NUMBER: P332470-927

CATALOG NUMBER: S123RDIW-S1165D460U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 178.5 | 178.5 | 177.6 | 176.7 | 175.9 | 175.0 | 174.3 | 173.6 | 173.1 | 172.5 | 172.0 |
| 115° | 205.1 | 204.3 | 203.6 | 202.9 | 202.2 | 201.5 | 200.8 | 200.3 | 199.9 | 199.4 | 198.9 |
| 117.5° | 230.0 | 229.3 | 229.0 | 228.6 | 228.2 | 227.9 | 227.4 | 226.8 | 226.2 | 225.7 | 225.1 |
| 120° | 246.2 | 245.6 | 245.3 | 245.1 | 244.9 | 244.6 | 244.2 | 243.4 | 242.7 | 242.0 | 241.3 |
| 122.5° | 262.2 | 261.8 | 261.5 | 261.2 | 260.9 | 260.6 | 260.2 | 259.6 | 259.0 | 258.4 | 257.9 |
| 125° | 284.9 | 284.7 | 284.4 | 284.1 | 283.8 | 283.4 | 283.0 | 282.3 | 281.7 | 281.1 | 280.4 |
| 127.5° | 307.2 | 307.0 | 306.6 | 306.2 | 305.8 | 305.4 | 304.9 | 304.3 | 303.6 | 303.0 | 302.4 |
| 130° | 320.6 | 320.3 | 320.0 | 319.7 | 319.4 | 319.1 | 318.6 | 318.0 | 317.3 | 316.7 | 316.1 |
| 132.5° | 333.4 | 333.1 | 332.9 | 332.6 | 332.4 | 332.1 | 331.7 | 331.1 | 330.4 | 329.8 | 329.2 |
| 135° | 352.9 | 352.7 | 352.4 | 352.0 | 351.7 | 351.4 | 351.0 | 350.5 | 350.1 | 349.6 | 349.1 |
| 137.5° | 370.1 | 369.7 | 369.6 | 369.4 | 369.2 | 369.0 | 368.6 | 368.0 | 367.4 | 366.9 | 366.2 |
| 140° | 381.1 | 380.8 | 380.6 | 380.3 | 380.1 | 379.9 | 379.5 | 379.1 | 378.6 | 378.1 | 377.6 |
| 142.5° | 391.6 | 391.3 | 391.1 | 390.9 | 390.6 | 390.4 | 390.1 | 389.6 | 389.1 | 388.6 | 388.2 |
| 145° | 406.2 | 406.1 | 405.9 | 405.8 | 405.6 | 405.4 | 405.1 | 404.6 | 404.0 | 403.5 | 402.9 |
| 147.5° | 419.3 | 419.1 | 419.0 | 418.8 | 418.7 | 418.5 | 418.2 | 417.9 | 417.5 | 417.2 | 416.8 |
| 150° | 427.2 | 427.1 | 426.9 | 426.7 | 426.6 | 426.4 | 426.3 | 426.0 | 425.8 | 425.6 | 425.3 |
| 152.5° | 434.2 | 434.0 | 433.8 | 433.7 | 433.6 | 433.6 | 433.5 | 433.3 | 433.2 | 433.1 | 433.0 |
| 155° | 443.9 | 443.5 | 443.4 | 443.3 | 443.2 | 443.1 | 443.2 | 443.4 | 443.5 | 443.6 | 443.8 |
| 157.5° | 452.3 | 451.8 | 451.9 | 451.9 | 452.0 | 452.1 | 452.2 | 452.2 | 452.2 | 452.2 | 452.3 |
| 160° | 457.1 | 456.6 | 456.7 | 456.8 | 456.9 | 456.9 | 457.0 | 457.1 | 457.2 | 457.2 | 457.3 |
| 162.5° | 461.4 | 460.9 | 461.0 | 461.1 | 461.1 | 461.2 | 461.4 | 461.6 | 461.8 | 462.0 | 462.2 |
| 165° | 467.2 | 466.6 | 466.7 | 466.8 | 466.8 | 466.9 | 467.1 | 467.3 | 467.5 | 467.8 | 468.0 |
| 167.5° | 471.8 | 471.2 | 471.2 | 471.2 | 471.2 | 471.2 | 471.3 | 471.7 | 472.0 | 472.3 | 472.6 |
| 170° | 474.4 | 473.7 | 473.7 | 473.7 | 473.7 | 473.7 | 473.9 | 474.2 | 474.5 | 474.8 | 475.2 |
| 172.5° | 476.0 | 475.4 | 475.4 | 475.3 | 475.2 | 475.2 | 475.3 | 475.7 | 476.1 | 476.5 | 476.8 |
| 175° | 478.2 | 477.6 | 477.5 | 477.4 | 477.4 | 477.3 | 477.4 | 477.8 | 478.2 | 478.6 | 479.0 |
| 177.5° | 479.0 | 478.5 | 478.4 | 478.3 | 478.3 | 478.2 | 478.3 | 478.6 | 479.0 | 479.3 | 479.6 |
| 180° | 479.0 | 479.0 | 479.0 | 479.0 | 479.0 | 479.0 | 479.0 | 479.0 | 479.0 | 479.0 | 479.0 |



TEST NUMBER: P332470-927

CATALOG NUMBER: S123RDIW-S1165D460U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1454.4 | 1454.4 | 1454.4 | 1454.4 | 1454.4 | 1454.4 | 1454.4 | 1454.4 | 1454.4 | 1454.4 | 1454.4 |
| 2.5° | 1462.4 | 1467.9 | 1474.9 | 1485.3 | 1493.3 | 1500.3 | 1501.8 | 1503.8 | 1508.8 | 1517.2 | 1523.7 |
| 5° | 1471.9 | 1486.2 | 1509.3 | 1531.7 | 1555.9 | 1575.9 | 1594.6 | 1607.7 | 1620.1 | 1646.2 | 1667.4 |
| 7.5° | 1468.9 | 1500.8 | 1536.9 | 1577.2 | 1617.9 | 1657.3 | 1693.9 | 1726.6 | 1759.3 | 1797.4 | 1840.9 |
| 10° | 1466.9 | 1504.3 | 1552.8 | 1604.5 | 1661.2 | 1716.6 | 1770.1 | 1811.9 | 1860.4 | 1904.0 | 1959.4 |
| 12.5° | 1457.5 | 1511.2 | 1569.3 | 1635.4 | 1705.0 | 1768.9 | 1839.4 | 1897.0 | 1952.6 | 2015.5 | 2080.0 |
| 15° | 1445.1 | 1510.5 | 1584.0 | 1671.7 | 1777.6 | 1854.8 | 1927.1 | 2027.3 | 2095.8 | 2164.2 | 2256.5 |
| 17.5° | 1422.6 | 1502.4 | 1594.2 | 1708.3 | 1796.5 | 1900.3 | 2009.0 | 2088.2 | 2180.5 | 2277.0 | 2360.4 |
| 20° | 1404.6 | 1497.5 | 1600.1 | 1712.2 | 1825.0 | 1937.6 | 2042.9 | 2137.5 | 2232.8 | 2344.2 | 2412.7 |
| 22.5° | 1386.7 | 1478.5 | 1585.2 | 1704.3 | 1825.4 | 1944.1 | 2063.2 | 2174.4 | 2281.6 | 2394.1 | 2481.4 |
| 25° | 1348.6 | 1457.6 | 1573.4 | 1694.8 | 1814.3 | 1945.1 | 2087.1 | 2211.0 | 2343.6 | 2459.4 | 2542.2 |
| 27.5° | 1310.0 | 1409.8 | 1525.2 | 1648.4 | 1781.2 | 1935.8 | 2102.8 | 2243.6 | 2376.5 | 2459.4 | 2485.4 |
| 30° | 1275.2 | 1381.0 | 1486.8 | 1612.0 | 1755.8 | 1928.3 | 2105.7 | 2267.0 | 2376.0 | 2412.0 | 2385.3 |
| 32.5° | 1239.8 | 1335.7 | 1440.5 | 1568.7 | 1721.4 | 1909.9 | 2109.7 | 2253.0 | 2318.6 | 2291.1 | 2182.1 |
| 35° | 1177.4 | 1263.9 | 1365.4 | 1493.7 | 1669.3 | 1899.7 | 2093.3 | 2190.4 | 2174.2 | 2018.6 | 1813.1 |
| 37.5° | 1110.6 | 1181.1 | 1275.2 | 1409.3 | 1615.3 | 1859.2 | 2022.5 | 2036.9 | 1896.8 | 1657.8 | 1420.5 |
| 40° | 1057.9 | 1121.3 | 1217.9 | 1358.0 | 1573.4 | 1819.3 | 1951.3 | 1893.4 | 1676.1 | 1410.2 | 1212.3 |
| 42.5° | 1006.5 | 1060.1 | 1153.1 | 1304.2 | 1533.5 | 1765.1 | 1845.2 | 1719.1 | 1468.4 | 1217.0 | 1037.0 |
| 45° | 919.6 | 970.0 | 1063.4 | 1218.5 | 1452.0 | 1661.2 | 1650.6 | 1431.4 | 1180.5 | 978.2 | 828.7 |
| 47.5° | 837.2 | 881.3 | 968.9 | 1127.2 | 1356.2 | 1505.5 | 1406.5 | 1173.3 | 960.4 | 798.1 | 691.5 |
| 50° | 778.9 | 822.5 | 909.7 | 1066.0 | 1279.5 | 1388.5 | 1247.1 | 1022.4 | 827.5 | 693.0 | 608.3 |
| 52.5° | 723.1 | 765.7 | 845.4 | 997.7 | 1186.8 | 1252.0 | 1100.2 | 891.8 | 729.4 | 613.3 | 540.6 |
| 55° | 645.1 | 677.4 | 749.0 | 894.7 | 1036.1 | 1051.0 | 897.2 | 722.9 | 589.0 | 508.1 | 458.3 |
| 57.5° | 565.5 | 593.3 | 664.1 | 780.1 | 879.2 | 871.6 | 725.7 | 575.0 | 484.8 | 424.6 | 388.5 |
| 60° | 513.7 | 541.1 | 603.3 | 703.0 | 777.7 | 751.5 | 617.7 | 496.2 | 419.1 | 374.9 | 346.2 |
| 62.5° | 465.3 | 486.8 | 545.0 | 617.7 | 671.5 | 641.9 | 528.0 | 427.5 | 366.2 | 329.0 | 306.3 |
| 65° | 395.4 | 412.8 | 459.5 | 497.5 | 527.4 | 498.8 | 404.1 | 334.4 | 290.2 | 264.0 | 248.4 |
| 67.5° | 328.8 | 339.9 | 369.5 | 383.2 | 404.3 | 372.8 | 303.9 | 257.1 | 232.0 | 209.9 | 199.2 |
| 70° | 287.0 | 295.1 | 310.7 | 321.9 | 327.5 | 295.1 | 244.1 | 209.8 | 188.6 | 173.1 | 166.3 |
| 72.5° | 245.2 | 252.3 | 255.4 | 264.6 | 261.7 | 231.4 | 196.2 | 169.0 | 153.8 | 143.2 | 134.4 |
| 75° | 187.4 | 190.5 | 187.4 | 183.7 | 175.5 | 154.4 | 130.2 | 116.5 | 105.2 | 100.2 | 97.1 |
| 77.5° | 136.6 | 135.6 | 131.3 | 125.6 | 111.7 | 98.4 | 85.3 | 80.7 | 75.8 | 73.2 | 72.1 |
| 80° | 105.2 | 102.7 | 99.0 | 89.7 | 77.8 | 68.5 | 65.4 | 62.3 | 60.4 | 57.3 | 56.6 |
| 82.5° | 78.3 | 76.8 | 70.6 | 62.7 | 54.4 | 50.1 | 47.5 | 46.3 | 44.4 | 42.9 | 42.7 |
| 85° | 41.7 | 39.8 | 33.0 | 28.7 | 27.4 | 26.1 | 25.5 | 25.5 | 23.1 | 22.4 | 22.4 |
| 87.5° | 13.7 | 10.9 | 10.5 | 9.2 | 9.3 | 8.6 | 9.3 | 8.5 | 8.2 | 8.7 | 7.8 |
| 90° | 1.1 | 1.9 | 2.7 | 3.5 | 4.4 | 5.5 | 6.5 | 7.5 | 8.6 | 8.9 | 9.2 |
| 92.5° | 6.4 | 6.2 | 5.9 | 5.7 | 6.0 | 6.8 | 7.5 | 8.3 | 9.1 | 9.6 | 10.1 |
| 95° | 18.5 | 15.2 | 12.0 | 8.7 | 7.5 | 8.4 | 9.3 | 10.1 | 11.0 | 11.6 | 12.1 |
| 97.5° | 42.1 | 40.7 | 39.3 | 37.8 | 34.2 | 28.5 | 22.8 | 17.2 | 11.5 | 12.1 | 12.8 |
| 100° | 61.7 | 63.3 | 64.9 | 66.5 | 61.1 | 48.8 | 36.4 | 24.1 | 11.7 | 12.4 | 13.0 |
| 102.5° | 80.1 | 81.2 | 82.4 | 83.5 | 77.3 | 63.8 | 50.4 | 36.9 | 23.4 | 21.5 | 19.5 |
| 105° | 106.9 | 107.8 | 108.7 | 109.6 | 106.4 | 99.3 | 92.2 | 85.1 | 78.0 | 63.9 | 49.9 |
| 107.5° | 135.4 | 136.1 | 136.7 | 137.4 | 138.4 | 139.5 | 140.6 | 141.7 | 142.8 | 132.6 | 122.3 |
| 110° | 154.4 | 155.0 | 155.7 | 156.3 | 157.0 | 157.9 | 158.8 | 159.6 | 160.5 | 157.9 | 155.3 |



TEST NUMBER: P332470-927

CATALOG NUMBER: S123RDIW-S1165D460U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 172.5 | 173.1 | 173.6 | 174.3 | 175.0 | 175.9 | 176.7 | 177.6 | 178.5 | 178.5 | 178.6 |
| 115° | 199.4 | 199.9 | 200.3 | 200.8 | 201.5 | 202.2 | 202.9 | 203.6 | 204.3 | 205.1 | 205.9 |
| 117.5° | 225.7 | 226.2 | 226.8 | 227.4 | 227.9 | 228.2 | 228.6 | 229.0 | 229.3 | 230.0 | 230.6 |
| 120° | 242.0 | 242.7 | 243.4 | 244.2 | 244.6 | 244.9 | 245.1 | 245.3 | 245.6 | 246.2 | 246.8 |
| 122.5° | 258.4 | 259.0 | 259.6 | 260.2 | 260.6 | 260.9 | 261.2 | 261.5 | 261.8 | 262.2 | 262.7 |
| 125° | 281.1 | 281.7 | 282.3 | 283.0 | 283.4 | 283.8 | 284.1 | 284.4 | 284.7 | 284.9 | 285.0 |
| 127.5° | 303.0 | 303.6 | 304.3 | 304.9 | 305.4 | 305.8 | 306.2 | 306.6 | 307.0 | 307.2 | 307.4 |
| 130° | 316.7 | 317.3 | 318.0 | 318.6 | 319.1 | 319.4 | 319.7 | 320.0 | 320.3 | 320.6 | 320.9 |
| 132.5° | 329.8 | 330.4 | 331.1 | 331.7 | 332.1 | 332.4 | 332.6 | 332.9 | 333.1 | 333.4 | 333.7 |
| 135° | 349.6 | 350.1 | 350.5 | 351.0 | 351.4 | 351.7 | 352.0 | 352.4 | 352.7 | 352.9 | 353.2 |
| 137.5° | 366.9 | 367.4 | 368.0 | 368.6 | 369.0 | 369.2 | 369.4 | 369.6 | 369.7 | 370.1 | 370.5 |
| 140° | 378.1 | 378.6 | 379.1 | 379.5 | 379.9 | 380.1 | 380.3 | 380.6 | 380.8 | 381.1 | 381.4 |
| 142.5° | 388.6 | 389.1 | 389.6 | 390.1 | 390.4 | 390.6 | 390.9 | 391.1 | 391.3 | 391.6 | 391.9 |
| 145° | 403.5 | 404.0 | 404.6 | 405.1 | 405.4 | 405.6 | 405.8 | 405.9 | 406.1 | 406.2 | 406.4 |
| 147.5° | 417.2 | 417.5 | 417.9 | 418.2 | 418.5 | 418.7 | 418.8 | 419.0 | 419.1 | 419.3 | 419.5 |
| 150° | 425.6 | 425.8 | 426.0 | 426.3 | 426.4 | 426.6 | 426.7 | 426.9 | 427.1 | 427.2 | 427.4 |
| 152.5° | 433.1 | 433.2 | 433.3 | 433.5 | 433.6 | 433.6 | 433.7 | 433.8 | 434.0 | 434.2 | 434.5 |
| 155° | 443.6 | 443.5 | 443.4 | 443.2 | 443.1 | 443.2 | 443.3 | 443.4 | 443.5 | 443.9 | 444.3 |
| 157.5° | 452.2 | 452.2 | 452.2 | 452.2 | 452.1 | 452.0 | 451.9 | 451.9 | 451.8 | 452.3 | 452.7 |
| 160° | 457.2 | 457.2 | 457.1 | 457.0 | 456.9 | 456.9 | 456.8 | 456.7 | 456.6 | 457.1 | 457.6 |
| 162.5° | 462.0 | 461.8 | 461.6 | 461.4 | 461.2 | 461.1 | 461.1 | 461.0 | 460.9 | 461.4 | 462.0 |
| 165° | 467.8 | 467.5 | 467.3 | 467.1 | 466.9 | 466.8 | 466.8 | 466.7 | 466.6 | 467.2 | 467.9 |
| 167.5° | 472.3 | 472.0 | 471.7 | 471.3 | 471.2 | 471.2 | 471.2 | 471.2 | 471.2 | 471.8 | 472.5 |
| 170° | 474.8 | 474.5 | 474.2 | 473.9 | 473.7 | 473.7 | 473.7 | 473.7 | 473.7 | 474.4 | 475.0 |
| 172.5° | 476.5 | 476.1 | 475.7 | 475.3 | 475.2 | 475.2 | 475.3 | 475.4 | 475.4 | 476.0 | 476.7 |
| 175° | 478.6 | 478.2 | 477.8 | 477.4 | 477.3 | 477.4 | 477.4 | 477.5 | 477.6 | 478.2 | 478.7 |
| 177.5° | 479.3 | 479.0 | 478.6 | 478.3 | 478.2 | 478.3 | 478.3 | 478.4 | 478.5 | 479.0 | 479.5 |
| 180° | 479.0 | 479.0 | 479.0 | 479.0 | 479.0 | 479.0 | 479.0 | 479.0 | 479.0 | 479.0 | 479.0 |



TEST NUMBER: P332470-927

CATALOG NUMBER: S123RDIW-S1165D460U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1454.4 | 1454.4 | 1454.4 | 1454.4 | 1454.4 | 1454.4 | 1454.4 |
| 2.5° | 1534.1 | 1534.1 | 1536.1 | 1543.6 | 1544.6 | 1551.1 | 1549.1 |
| 5° | 1686.1 | 1697.9 | 1702.2 | 1720.9 | 1732.2 | 1737.2 | 1727.2 |
| 7.5° | 1871.8 | 1905.3 | 1921.0 | 1940.6 | 1958.0 | 1963.2 | 1949.6 |
| 10° | 2007.4 | 2042.2 | 2071.5 | 2089.5 | 2106.3 | 2117.6 | 2131.9 |
| 12.5° | 2138.3 | 2181.2 | 2209.0 | 2234.5 | 2251.8 | 2266.0 | 2268.3 |
| 15° | 2280.7 | 2345.4 | 2394.6 | 2430.7 | 2448.8 | 2458.1 | 2454.4 |
| 17.5° | 2424.2 | 2484.3 | 2519.3 | 2556.1 | 2581.2 | 2582.4 | 2583.1 |
| 20° | 2505.4 | 2564.0 | 2604.5 | 2631.9 | 2659.9 | 2658.6 | 2664.8 |
| 22.5° | 2559.8 | 2605.8 | 2636.9 | 2656.7 | 2666.3 | 2661.7 | 2662.8 |
| 25° | 2585.1 | 2598.8 | 2593.3 | 2561.5 | 2553.4 | 2524.1 | 2529.1 |
| 27.5° | 2454.2 | 2389.4 | 2322.4 | 2236.3 | 2168.3 | 2113.9 | 2116.7 |
| 30° | 2276.3 | 2161.8 | 2031.0 | 1921.4 | 1823.0 | 1795.6 | 1737.2 |
| 32.5° | 2027.7 | 1855.9 | 1702.8 | 1600.7 | 1516.2 | 1493.3 | 1442.2 |
| 35° | 1606.4 | 1439.6 | 1282.0 | 1187.3 | 1150.0 | 1097.7 | 1097.1 |
| 37.5° | 1248.6 | 1101.7 | 1018.4 | 947.4 | 910.1 | 878.5 | 875.4 |
| 40° | 1050.4 | 935.8 | 872.9 | 821.9 | 785.1 | 761.4 | 755.9 |
| 42.5° | 911.9 | 819.3 | 760.3 | 728.7 | 700.4 | 688.2 | 679.1 |
| 45° | 744.7 | 682.4 | 641.3 | 612.7 | 599.6 | 590.3 | 585.3 |
| 47.5° | 622.9 | 581.1 | 553.2 | 534.1 | 523.5 | 513.7 | 516.3 |
| 50° | 556.7 | 522.4 | 501.8 | 483.8 | 475.7 | 468.8 | 469.4 |
| 52.5° | 503.4 | 472.6 | 456.0 | 442.9 | 432.8 | 428.0 | 425.6 |
| 55° | 427.1 | 407.8 | 391.0 | 381.7 | 376.0 | 369.2 | 367.3 |
| 57.5° | 364.3 | 349.4 | 335.7 | 325.1 | 323.8 | 317.2 | 318.1 |
| 60° | 322.5 | 310.1 | 298.9 | 293.3 | 288.9 | 283.3 | 285.2 |
| 62.5° | 288.1 | 277.7 | 267.5 | 262.8 | 258.5 | 254.4 | 255.2 |
| 65° | 236.0 | 226.0 | 219.8 | 217.3 | 215.4 | 213.6 | 211.7 |
| 67.5° | 188.1 | 182.0 | 178.1 | 172.7 | 168.9 | 168.3 | 166.4 |
| 70° | 158.1 | 150.0 | 143.2 | 136.3 | 134.5 | 133.9 | 134.5 |
| 72.5° | 126.7 | 121.7 | 119.8 | 116.5 | 116.1 | 114.5 | 115.6 |
| 75° | 95.3 | 93.4 | 92.1 | 89.7 | 89.7 | 89.7 | 89.7 |
| 77.5° | 70.3 | 69.1 | 68.4 | 67.9 | 67.3 | 66.4 | 66.2 |
| 80° | 54.8 | 54.2 | 52.9 | 52.9 | 52.3 | 52.9 | 52.3 |
| 82.5° | 41.4 | 41.2 | 40.0 | 40.0 | 39.4 | 39.0 | 39.4 |
| 85° | 21.2 | 20.5 | 21.8 | 20.5 | 21.2 | 20.0 | 21.2 |
| 87.5° | 7.8 | 7.9 | 7.5 | 7.5 | 7.1 | 8.1 | 7.1 |
| 90° | 9.5 | 9.8 | 10.1 | 10.2 | 10.4 | 10.5 | 10.7 |
| 92.5° | 10.6 | 11.2 | 11.4 | 11.6 | 11.6 | 11.7 | 11.8 |
| 95° | 12.7 | 13.2 | 13.5 | 13.5 | 13.5 | 13.5 | 13.5 |
| 97.5° | 13.4 | 14.0 | 14.3 | 14.4 | 14.5 | 14.6 | 14.7 |
| 100° | 13.6 | 14.3 | 14.7 | 14.7 | 14.8 | 14.9 | 15.0 |
| 102.5° | 17.5 | 15.6 | 14.7 | 14.8 | 15.0 | 15.1 | 15.2 |
| 105° | 36.0 | 21.9 | 15.1 | 15.2 | 15.4 | 15.5 | 15.7 |
| 107.5° | 112.1 | 101.8 | 91.4 | 80.8 | 70.3 | 59.7 | 49.2 |
| 110° | 152.7 | 150.0 | 143.1 | 131.8 | 120.5 | 109.2 | 97.9 |



TEST NUMBER: P332470-927

CATALOG NUMBER: S123RDIW-S1165D460U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 178.6 | 178.6 | 177.4 | 175.1 | 172.7 | 170.3 | 167.9 |
| 115° | 206.7 | 207.5 | 208.0 | 208.3 | 208.7 | 209.0 | 209.3 |
| 117.5° | 231.2 | 231.9 | 232.2 | 232.3 | 232.3 | 232.4 | 232.5 |
| 120° | 247.5 | 248.1 | 248.4 | 248.4 | 248.4 | 248.4 | 248.4 |
| 122.5° | 263.2 | 263.6 | 263.8 | 263.9 | 264.0 | 264.0 | 264.1 |
| 125° | 285.2 | 285.3 | 285.5 | 285.7 | 285.8 | 286.0 | 286.1 |
| 127.5° | 307.7 | 307.9 | 308.0 | 307.8 | 307.7 | 307.5 | 307.4 |
| 130° | 321.2 | 321.5 | 321.6 | 321.5 | 321.3 | 321.2 | 321.0 |
| 132.5° | 334.1 | 334.4 | 334.5 | 334.2 | 334.0 | 333.7 | 333.6 |
| 135° | 353.4 | 353.6 | 353.6 | 353.4 | 353.2 | 352.9 | 352.7 |
| 137.5° | 370.8 | 371.2 | 371.4 | 371.2 | 371.1 | 370.9 | 370.7 |
| 140° | 381.8 | 382.1 | 382.1 | 382.0 | 381.8 | 381.7 | 381.5 |
| 142.5° | 392.1 | 392.4 | 392.4 | 392.1 | 392.0 | 391.7 | 391.5 |
| 145° | 406.5 | 406.7 | 406.8 | 406.8 | 406.8 | 406.8 | 406.8 |
| 147.5° | 419.6 | 419.8 | 419.6 | 419.3 | 418.9 | 418.6 | 418.2 |
| 150° | 427.5 | 427.7 | 427.7 | 427.5 | 427.2 | 427.0 | 426.7 |
| 152.5° | 434.7 | 435.1 | 435.0 | 434.7 | 434.3 | 434.0 | 433.6 |
| 155° | 444.7 | 445.0 | 445.0 | 444.5 | 444.0 | 443.5 | 443.1 |
| 157.5° | 453.2 | 453.7 | 453.6 | 453.0 | 452.4 | 451.8 | 451.1 |
| 160° | 458.0 | 458.5 | 458.5 | 458.0 | 457.4 | 456.9 | 456.3 |
| 162.5° | 462.6 | 463.0 | 463.1 | 462.6 | 462.1 | 461.6 | 461.1 |
| 165° | 468.5 | 469.1 | 469.1 | 468.6 | 468.1 | 467.5 | 467.0 |
| 167.5° | 473.0 | 473.6 | 473.6 | 473.0 | 472.5 | 471.8 | 471.2 |
| 170° | 475.6 | 476.3 | 476.3 | 475.6 | 475.0 | 474.4 | 473.7 |
| 172.5° | 477.3 | 477.9 | 477.9 | 477.2 | 476.5 | 475.9 | 475.2 |
| 175° | 479.3 | 479.8 | 479.8 | 479.2 | 478.6 | 477.9 | 477.3 |
| 177.5° | 480.0 | 480.5 | 480.5 | 479.8 | 479.2 | 478.6 | 477.9 |
| 180° | 479.0 | 479.0 | 479.0 | 479.0 | 479.0 | 479.0 | 479.0 |

(END OF REPORT)