

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: P332055-935

Luminaire Tested: **S123DIP-S1165D585U935-4F0-1E-UDD-A1**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P332055-935
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-9,
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: S123DIP-S1165D585U935-4F0-1E-UDD-A1
Description: DEFINE 3 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 1165 LUMENS PER FOOT, ASYMMETRIC DIFFUSER
UPLIGHT 585 LUMENS PER FOOT, FLUSH SATIN WHITE DIFFUSER
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5949.4 lumens
Efficiency: N/A
Efficacy: 108.0 lumens/watt
Spacing Criteria (0/90/45): 1.37 / 1.23 / 1.49
Luminous Opening: Rectangular (W 4' x L: 0.25' x H: 0')
CIE Type: Semi-Direct

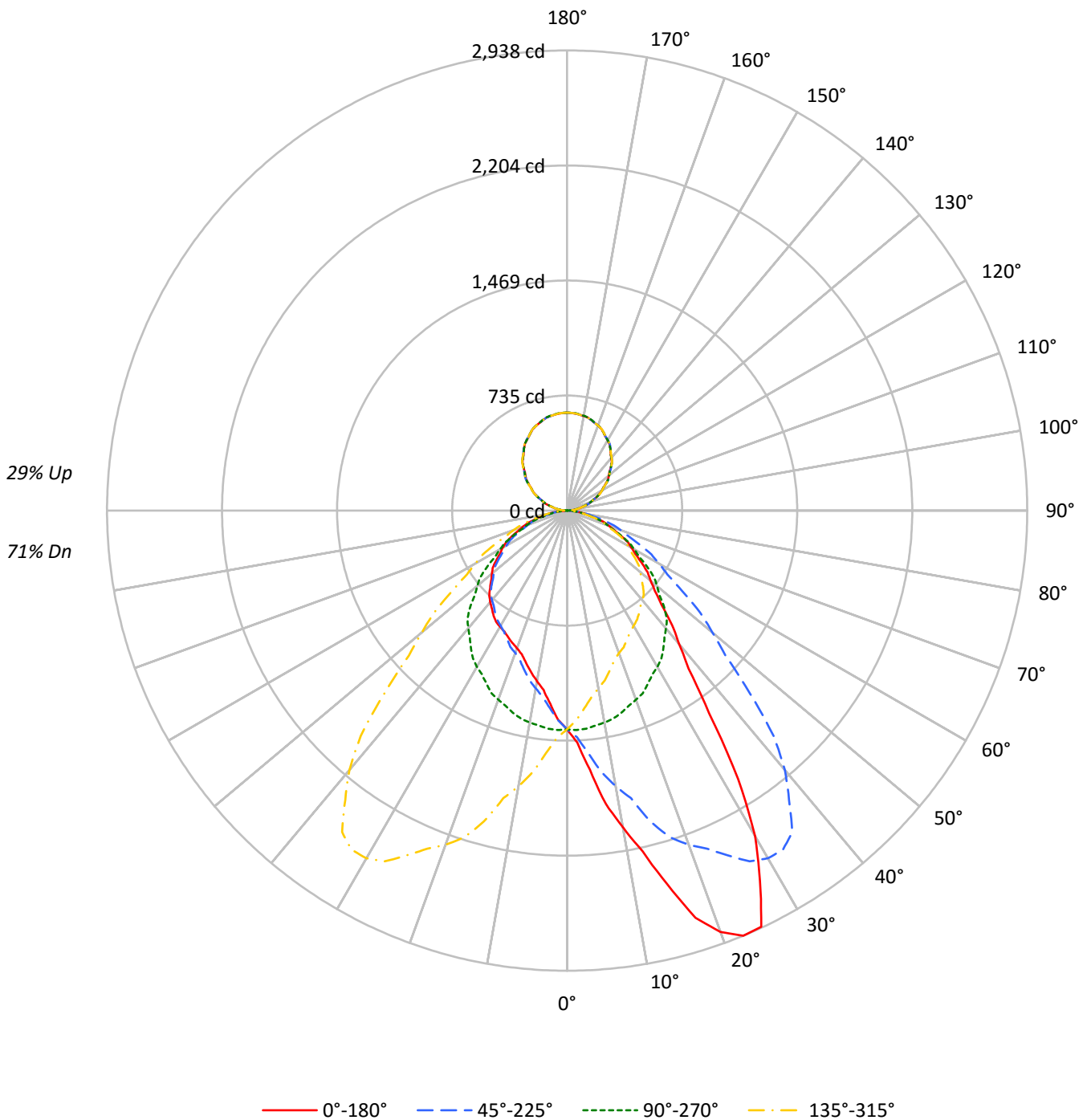
Input Watts (W): 55.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P332055-935

CATALOG NUMBER: S123DIP-S1165D585U935-4F0-1E-UDD-A1

Luminous Intensity Polar Plot





TEST NUMBER: P332055-935

CATALOG NUMBER: S123DIP-S1165D585U935-4F0-1E-UDD-A1

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

| | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|
| RF | 20 | | | | 20 | | | | 20 | | | 20 | | | 20 | | | 20 |
| RC | 80 | | | | 70 | | | | 50 | | | 30 | | | 10 | | | 0 |
| RW | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0 |
| RCR | | | | | | | | | | | | | | | | | | |
| 0 | 112 | 112 | 112 | 112 | 106 | 106 | 106 | 106 | 95 | 95 | 95 | 85 | 85 | 85 | 75 | 75 | 75 | 71 |
| 1 | 103 | 99 | 95 | 91 | 97 | 93 | 90 | 87 | 84 | 81 | 79 | 75 | 73 | 71 | 67 | 66 | 64 | 61 |
| 2 | 94 | 87 | 80 | 75 | 89 | 82 | 77 | 72 | 74 | 70 | 66 | 67 | 63 | 60 | 60 | 57 | 55 | 51 |
| 3 | 86 | 76 | 69 | 63 | 81 | 73 | 66 | 61 | 66 | 60 | 56 | 59 | 55 | 51 | 53 | 50 | 47 | 44 |
| 4 | 79 | 68 | 60 | 54 | 74 | 65 | 57 | 52 | 59 | 53 | 48 | 53 | 48 | 44 | 48 | 44 | 41 | 38 |
| 5 | 73 | 61 | 52 | 46 | 69 | 58 | 50 | 45 | 53 | 46 | 42 | 48 | 43 | 39 | 43 | 39 | 36 | 33 |
| 6 | 67 | 55 | 46 | 40 | 63 | 52 | 45 | 39 | 48 | 41 | 37 | 43 | 38 | 34 | 39 | 35 | 32 | 29 |
| 7 | 62 | 50 | 41 | 36 | 59 | 47 | 40 | 35 | 43 | 37 | 32 | 39 | 34 | 30 | 36 | 31 | 28 | 26 |
| 8 | 58 | 45 | 37 | 32 | 55 | 43 | 36 | 31 | 40 | 33 | 29 | 36 | 31 | 27 | 33 | 29 | 25 | 23 |
| 9 | 54 | 41 | 34 | 28 | 51 | 40 | 33 | 28 | 36 | 30 | 26 | 33 | 28 | 24 | 30 | 26 | 23 | 21 |
| 10 | 50 | 38 | 31 | 26 | 48 | 36 | 30 | 25 | 34 | 28 | 24 | 31 | 26 | 22 | 28 | 24 | 21 | 19 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 15033 | 15033 | 15033 | 15033 |
| 5° | 17928 | 15098 | 13380 | 15098 |
| 10° | 22440 | 15021 | 12085 | 15021 |
| 15° | 27524 | 14900 | 11251 | 14900 |
| 20° | 32787 | 14712 | 10711 | 14712 |
| 25° | 34815 | 14481 | 10592 | 14481 |
| 30° | 29840 | 14315 | 10648 | 14315 |
| 35° | 20752 | 14076 | 10759 | 14076 |
| 40° | 15632 | 13797 | 10725 | 13797 |
| 45° | 12979 | 13381 | 10589 | 13381 |
| 50° | 11627 | 12532 | 10493 | 12532 |
| 55° | 10869 | 11618 | 10363 | 11618 |
| 60° | 10196 | 10663 | 10256 | 10663 |
| 65° | 9584 | 9722 | 9928 | 9722 |
| 70° | 8988 | 8645 | 9454 | 8645 |
| 75° | 8052 | 7569 | 8667 | 7569 |
| 80° | 7048 | 6205 | 7469 | 6205 |
| 85° | 5521 | 4508 | 5014 | 4508 |



TEST NUMBER: P332055-935

CATALOG NUMBER: S123DIP-S1165D585U935-4F0-1E-UDD-A1

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 137.6 | 2.3 |
| 10°-20° | 441.2 | 7.4 |
| 20°-30° | 740.4 | 12.4 |
| 30°-40° | 838.4 | 14.1 |
| 40°-50° | 751.8 | 12.6 |
| 50°-60° | 606.7 | 10.2 |
| 60°-70° | 422.8 | 7.1 |
| 70°-80° | 222.2 | 3.7 |
| 80°-90° | 56.2 | 0.9 |
| 90°-100° | 40.7 | 0.7 |
| 100°-110° | 121.9 | 2.0 |
| 110°-120° | 207.3 | 3.5 |
| 120°-130° | 272.7 | 4.6 |
| 130°-140° | 306.5 | 5.2 |
| 140°-150° | 301.3 | 5.1 |
| 150°-160° | 253.7 | 4.3 |
| 160°-170° | 168.9 | 2.8 |
| 170°-180° | 59.1 | 1.0 |
| 0°-30° | 1319.2 | 22.2 |
| 0°-40° | 2157.5 | 36.3 |
| 0°-60° | 3516.1 | 59.1 |
| 0°-90° | 4217.3 | 70.9 |
| 90°-120° | 370.0 | 6.2 |
| 90°-150° | 1250.5 | 21.0 |
| 90°-180° | 1732.0 | 29.1 |
| 0°-180° | 5949.4 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 1397 | 1397 | 1397 | 1397 | 1397 | |
| 5° | 1659 | 1397 | 1238 | 1397 | 1659 | 172 |
| 15° | 2470 | 1337 | 1010 | 1337 | 2470 | 713 |
| 25° | 2931 | 1219 | 892 | 1219 | 2931 | 1286 |
| 35° | 1579 | 1071 | 819 | 1071 | 1579 | 1026 |
| 45° | 853 | 879 | 696 | 879 | 853 | 675 |
| 55° | 579 | 619 | 552 | 619 | 579 | 520 |
| 65° | 376 | 382 | 390 | 382 | 376 | 375 |
| 75° | 194 | 182 | 208 | 182 | 194 | 207 |
| 85° | 45 | 36 | 41 | 36 | 45 | 53 |
| 90° | 15 | 0 | 15 | 0 | 15 | 9 |
| 95° | 38 | 29 | 38 | 29 | 38 | 39 |
| 105° | 117 | 110 | 117 | 110 | 117 | 124 |
| 115° | 209 | 209 | 209 | 209 | 209 | 207 |
| 125° | 302 | 306 | 302 | 306 | 302 | 270 |
| 135° | 396 | 396 | 396 | 396 | 396 | 304 |
| 145° | 481 | 481 | 481 | 481 | 481 | 300 |
| 155° | 550 | 550 | 550 | 550 | 550 | 253 |
| 165° | 598 | 600 | 598 | 600 | 598 | 169 |
| 175° | 621 | 624 | 621 | 624 | 621 | 59 |
| 180° | 625 | 625 | 625 | 625 | 625 | |



TEST NUMBER: P332055-935

CATALOG NUMBER: S123DIP-S1165D585U935-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1396.6 | 1396.6 | 1396.6 | 1396.6 | 1396.6 | 1396.6 | 1396.6 | 1396.6 | 1396.6 | 1396.6 | 1396.6 |
| 2.5° | 1482.2 | 1481.1 | 1478.4 | 1480.6 | 1476.3 | 1470.2 | 1469.7 | 1464.3 | 1448.6 | 1447.5 | 1443.2 |
| 5° | 1659.2 | 1653.8 | 1653.1 | 1652.4 | 1643.0 | 1630.1 | 1605.8 | 1603.7 | 1571.2 | 1555.0 | 1535.4 |
| 7.5° | 1888.4 | 1891.3 | 1881.5 | 1872.8 | 1843.8 | 1824.7 | 1798.6 | 1765.2 | 1725.3 | 1684.8 | 1657.9 |
| 10° | 2053.1 | 2075.4 | 2047.6 | 2028.7 | 2011.1 | 1977.9 | 1939.4 | 1891.3 | 1843.2 | 1787.1 | 1744.5 |
| 12.5° | 2229.6 | 2240.5 | 2234.9 | 2217.1 | 2189.7 | 2139.2 | 2070.9 | 2018.0 | 1973.8 | 1880.3 | 1842.5 |
| 15° | 2469.9 | 2511.2 | 2484.8 | 2423.9 | 2425.2 | 2377.1 | 2287.8 | 2189.7 | 2137.6 | 2055.7 | 1944.1 |
| 17.5° | 2725.9 | 2731.1 | 2719.8 | 2669.1 | 2635.3 | 2569.2 | 2486.8 | 2392.7 | 2287.2 | 2188.1 | 2069.7 |
| 20° | 2862.3 | 2858.3 | 2834.6 | 2808.2 | 2750.0 | 2698.6 | 2608.6 | 2503.7 | 2368.4 | 2271.0 | 2141.7 |
| 22.5° | 2938.2 | 2931.4 | 2920.2 | 2898.0 | 2849.7 | 2794.4 | 2713.6 | 2599.0 | 2470.1 | 2335.9 | 2186.6 |
| 25° | 2931.4 | 2940.1 | 2941.5 | 2935.4 | 2918.5 | 2885.4 | 2821.8 | 2730.4 | 2601.9 | 2429.3 | 2273.6 |
| 27.5° | 2666.1 | 2678.6 | 2714.7 | 2746.8 | 2782.7 | 2819.2 | 2814.3 | 2769.0 | 2673.8 | 2524.8 | 2334.5 |
| 30° | 2400.8 | 2373.8 | 2440.8 | 2525.4 | 2582.9 | 2684.3 | 2741.3 | 2744.6 | 2691.1 | 2563.3 | 2377.8 |
| 32.5° | 2032.7 | 2062.5 | 2092.1 | 2196.2 | 2321.9 | 2435.9 | 2549.1 | 2640.2 | 2650.6 | 2565.4 | 2403.3 |
| 35° | 1579.3 | 1616.6 | 1670.7 | 1724.8 | 1860.2 | 1976.6 | 2175.5 | 2348.7 | 2486.8 | 2505.1 | 2405.5 |
| 37.5° | 1272.7 | 1291.1 | 1325.3 | 1379.6 | 1468.1 | 1606.2 | 1760.1 | 1979.0 | 2179.0 | 2327.8 | 2334.3 |
| 40° | 1112.5 | 1117.8 | 1156.4 | 1197.7 | 1269.5 | 1383.1 | 1521.8 | 1715.4 | 1954.9 | 2162.7 | 2249.3 |
| 42.5° | 992.3 | 1004.2 | 1020.5 | 1060.2 | 1117.3 | 1202.9 | 1331.9 | 1491.8 | 1711.3 | 1950.4 | 2119.9 |
| 45° | 852.6 | 866.2 | 876.3 | 902.7 | 943.3 | 1000.8 | 1090.8 | 1237.0 | 1404.1 | 1651.1 | 1879.1 |
| 47.5° | 760.3 | 761.4 | 769.0 | 788.8 | 816.5 | 859.6 | 923.3 | 1017.2 | 1170.6 | 1371.0 | 1605.1 |
| 50° | 694.3 | 705.1 | 707.8 | 723.3 | 745.0 | 776.8 | 829.6 | 909.5 | 1035.4 | 1211.3 | 1426.4 |
| 52.5° | 647.7 | 651.0 | 658.6 | 669.8 | 688.7 | 713.5 | 759.2 | 821.7 | 920.6 | 1070.5 | 1268.3 |
| 55° | 579.2 | 579.2 | 586.7 | 595.5 | 606.3 | 628.6 | 659.1 | 705.1 | 780.2 | 896.6 | 1060.3 |
| 57.5° | 515.9 | 519.3 | 524.5 | 527.3 | 536.5 | 551.2 | 576.7 | 611.6 | 667.6 | 757.2 | 887.4 |
| 60° | 473.6 | 479.7 | 479.1 | 484.5 | 492.7 | 504.1 | 525.8 | 554.2 | 604.2 | 676.0 | 785.7 |
| 62.5° | 436.9 | 436.4 | 436.4 | 442.8 | 450.9 | 461.9 | 476.0 | 500.6 | 543.1 | 606.7 | 700.1 |
| 65° | 376.3 | 374.9 | 379.6 | 383.7 | 386.4 | 394.5 | 405.4 | 427.0 | 455.4 | 502.7 | 575.1 |
| 67.5° | 322.4 | 318.5 | 321.0 | 322.4 | 327.0 | 333.3 | 343.5 | 356.9 | 379.4 | 417.5 | 472.1 |
| 70° | 285.6 | 282.1 | 281.5 | 282.8 | 286.9 | 291.6 | 299.1 | 311.9 | 332.9 | 363.3 | 403.3 |
| 72.5° | 247.6 | 245.4 | 245.2 | 248.2 | 250.1 | 253.2 | 258.5 | 270.3 | 286.9 | 309.8 | 347.0 |
| 75° | 193.6 | 193.6 | 193.6 | 194.2 | 196.2 | 199.0 | 203.0 | 209.1 | 222.0 | 238.2 | 263.2 |
| 77.5° | 145.1 | 144.9 | 144.1 | 144.0 | 147.0 | 148.2 | 149.1 | 154.8 | 162.0 | 173.0 | 191.2 |
| 80° | 113.7 | 110.3 | 111.7 | 113.7 | 115.0 | 115.7 | 117.8 | 119.1 | 125.2 | 131.3 | 144.1 |
| 82.5° | 84.5 | 81.6 | 81.9 | 85.0 | 85.2 | 85.9 | 88.0 | 89.9 | 92.1 | 97.7 | 104.6 |
| 85° | 44.7 | 44.7 | 45.4 | 45.4 | 46.0 | 45.4 | 47.4 | 48.0 | 48.0 | 51.4 | 55.4 |
| 87.5° | 19.2 | 18.1 | 18.6 | 19.0 | 18.5 | 18.9 | 19.4 | 19.9 | 20.3 | 20.8 | 21.0 |
| 90° | 14.7 | 14.6 | 14.3 | 14.1 | 13.9 | 13.5 | 13.1 | 12.7 | 12.2 | 11.8 | 10.3 |
| 92.5° | 19.8 | 20.0 | 20.1 | 20.2 | 20.4 | 20.2 | 19.9 | 19.5 | 19.2 | 18.9 | 18.1 |
| 95° | 38.3 | 38.3 | 38.3 | 38.3 | 38.3 | 38.1 | 37.6 | 37.2 | 36.8 | 36.3 | 35.5 |
| 97.5° | 58.9 | 59.0 | 59.0 | 59.1 | 59.1 | 58.9 | 58.4 | 57.9 | 57.3 | 56.9 | 56.2 |
| 100° | 74.6 | 74.4 | 74.2 | 74.0 | 73.8 | 73.5 | 73.2 | 72.8 | 72.5 | 72.2 | 71.6 |
| 102.5° | 90.7 | 90.8 | 90.8 | 90.9 | 90.9 | 90.7 | 90.5 | 90.1 | 89.8 | 89.5 | 88.8 |
| 105° | 116.9 | 116.7 | 116.4 | 116.2 | 116.0 | 115.9 | 115.9 | 115.9 | 115.9 | 115.9 | 114.9 |
| 107.5° | 144.1 | 144.2 | 144.4 | 144.5 | 144.6 | 144.5 | 144.1 | 143.8 | 143.4 | 143.1 | 142.8 |
| 110° | 162.6 | 162.8 | 163.0 | 163.2 | 163.4 | 163.3 | 162.9 | 162.5 | 162.0 | 161.6 | 161.4 |



TEST NUMBER: P332055-935

CATALOG NUMBER: S123DIP-S1165D585U935-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 182.2 | 182.3 | 182.3 | 182.4 | 182.4 | 182.1 | 181.6 | 181.1 | 180.6 | 180.0 | 180.0 |
| 115° | 209.2 | 209.3 | 209.4 | 209.6 | 209.7 | 209.7 | 209.6 | 209.4 | 209.3 | 209.2 | 209.4 |
| 117.5° | 236.6 | 236.9 | 237.2 | 237.5 | 237.8 | 238.0 | 238.0 | 238.1 | 238.1 | 238.1 | 238.4 |
| 120° | 255.9 | 256.1 | 256.3 | 256.5 | 256.8 | 256.9 | 257.0 | 257.1 | 257.3 | 257.4 | 257.9 |
| 122.5° | 274.3 | 274.7 | 274.9 | 275.3 | 275.5 | 275.9 | 276.1 | 276.4 | 276.7 | 277.0 | 277.2 |
| 125° | 302.0 | 302.5 | 302.9 | 303.3 | 303.8 | 304.2 | 304.6 | 305.1 | 305.5 | 306.0 | 306.2 |
| 127.5° | 329.6 | 330.1 | 330.6 | 331.1 | 331.7 | 332.2 | 332.8 | 333.4 | 334.1 | 334.7 | 334.8 |
| 130° | 347.7 | 348.4 | 349.2 | 350.0 | 350.8 | 351.4 | 351.8 | 352.2 | 352.7 | 353.1 | 353.4 |
| 132.5° | 366.5 | 367.1 | 367.7 | 368.3 | 368.9 | 369.5 | 370.0 | 370.5 | 371.0 | 371.6 | 371.8 |
| 135° | 395.8 | 396.1 | 396.2 | 396.5 | 396.7 | 397.0 | 397.4 | 397.9 | 398.4 | 398.8 | 398.9 |
| 137.5° | 421.6 | 422.1 | 422.5 | 422.9 | 423.4 | 423.8 | 424.2 | 424.6 | 425.2 | 425.6 | 425.3 |
| 140° | 438.6 | 439.3 | 440.1 | 440.8 | 441.6 | 442.0 | 442.1 | 442.3 | 442.4 | 442.5 | 442.4 |
| 142.5° | 455.8 | 456.4 | 457.0 | 457.6 | 458.2 | 458.6 | 458.7 | 458.7 | 458.9 | 459.0 | 458.8 |
| 145° | 480.8 | 481.2 | 481.6 | 482.1 | 482.5 | 482.8 | 482.9 | 483.0 | 483.1 | 483.3 | 482.9 |
| 147.5° | 503.0 | 503.7 | 504.3 | 505.0 | 505.6 | 505.9 | 505.9 | 505.9 | 505.9 | 505.9 | 505.7 |
| 150° | 517.1 | 517.8 | 518.4 | 519.1 | 519.8 | 520.0 | 520.0 | 520.0 | 520.0 | 520.0 | 519.9 |
| 152.5° | 530.9 | 531.5 | 532.0 | 532.6 | 533.1 | 533.4 | 533.2 | 533.0 | 532.8 | 532.6 | 532.5 |
| 155° | 549.6 | 550.4 | 551.0 | 551.8 | 552.6 | 552.8 | 552.3 | 551.9 | 551.5 | 551.0 | 551.0 |
| 157.5° | 566.5 | 567.1 | 567.7 | 568.3 | 568.9 | 569.0 | 568.6 | 568.2 | 567.7 | 567.2 | 567.1 |
| 160° | 577.6 | 578.0 | 578.4 | 578.9 | 579.3 | 579.2 | 578.7 | 578.2 | 577.6 | 577.0 | 577.0 |
| 162.5° | 585.8 | 586.5 | 587.2 | 587.9 | 588.6 | 588.7 | 588.1 | 587.5 | 587.0 | 586.5 | 586.4 |
| 165° | 597.7 | 598.5 | 599.2 | 599.9 | 600.7 | 600.8 | 600.1 | 599.5 | 598.8 | 598.1 | 598.1 |
| 167.5° | 607.8 | 608.5 | 609.2 | 609.8 | 610.5 | 610.5 | 609.8 | 609.2 | 608.5 | 607.8 | 607.7 |
| 170° | 612.9 | 613.6 | 614.4 | 615.2 | 616.0 | 616.0 | 615.2 | 614.4 | 613.6 | 612.9 | 612.9 |
| 172.5° | 616.8 | 617.6 | 618.4 | 619.1 | 619.9 | 619.9 | 619.2 | 618.5 | 617.9 | 617.3 | 617.3 |
| 175° | 621.2 | 622.0 | 622.8 | 623.5 | 624.3 | 624.4 | 623.7 | 623.0 | 622.4 | 621.7 | 621.7 |
| 177.5° | 623.6 | 624.2 | 624.8 | 625.4 | 626.0 | 626.1 | 625.6 | 625.1 | 624.5 | 624.0 | 624.0 |
| 180° | 625.2 | 625.2 | 625.2 | 625.2 | 625.2 | 625.2 | 625.2 | 625.2 | 625.2 | 625.2 | 625.2 |



TEST NUMBER: P332055-935

CATALOG NUMBER: S123DIP-S1165D585U935-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1396.6 | 1396.6 | 1396.6 | 1396.6 | 1396.6 | 1396.6 | 1396.6 | 1396.6 | 1396.6 | 1396.6 | 1396.6 |
| 2.5° | 1439.9 | 1435.6 | 1431.3 | 1423.7 | 1417.2 | 1408.0 | 1405.3 | 1402.1 | 1392.3 | 1383.7 | 1377.2 |
| 5° | 1527.9 | 1511.7 | 1488.0 | 1466.4 | 1448.8 | 1425.1 | 1411.5 | 1397.3 | 1377.0 | 1358.7 | 1343.8 |
| 7.5° | 1620.0 | 1588.0 | 1551.2 | 1511.4 | 1474.4 | 1438.6 | 1409.8 | 1384.1 | 1355.6 | 1328.7 | 1307.8 |
| 10° | 1693.1 | 1647.0 | 1595.6 | 1540.2 | 1492.7 | 1446.7 | 1408.2 | 1374.3 | 1337.8 | 1306.0 | 1279.6 |
| 12.5° | 1776.4 | 1708.2 | 1637.3 | 1569.9 | 1513.9 | 1450.0 | 1403.3 | 1360.3 | 1318.9 | 1280.6 | 1250.9 |
| 15° | 1875.1 | 1788.5 | 1704.5 | 1611.9 | 1526.6 | 1446.7 | 1391.3 | 1337.1 | 1289.1 | 1249.8 | 1211.9 |
| 17.5° | 1965.0 | 1866.8 | 1756.3 | 1643.5 | 1540.7 | 1446.0 | 1368.2 | 1307.1 | 1247.0 | 1198.9 | 1161.1 |
| 20° | 2015.9 | 1904.2 | 1779.0 | 1661.9 | 1548.3 | 1442.7 | 1357.5 | 1284.4 | 1219.3 | 1168.6 | 1126.0 |
| 22.5° | 2059.7 | 1929.1 | 1799.6 | 1674.4 | 1547.7 | 1434.0 | 1337.4 | 1262.1 | 1191.8 | 1142.1 | 1096.7 |
| 25° | 2105.1 | 1948.9 | 1818.9 | 1672.1 | 1530.7 | 1412.9 | 1304.7 | 1219.3 | 1149.0 | 1090.8 | 1044.1 |
| 27.5° | 2144.1 | 1947.5 | 1793.3 | 1635.4 | 1503.8 | 1385.9 | 1270.2 | 1178.8 | 1104.1 | 1040.9 | 993.5 |
| 30° | 2170.1 | 1950.2 | 1766.8 | 1610.5 | 1477.9 | 1356.1 | 1243.7 | 1151.7 | 1073.2 | 1008.9 | 964.2 |
| 32.5° | 2186.3 | 1948.5 | 1742.4 | 1575.9 | 1436.8 | 1329.0 | 1215.0 | 1119.7 | 1039.1 | 975.9 | 932.9 |
| 35° | 2195.8 | 1936.6 | 1700.5 | 1504.3 | 1370.3 | 1265.4 | 1170.0 | 1071.2 | 986.6 | 927.7 | 879.0 |
| 37.5° | 2176.9 | 1911.6 | 1651.7 | 1435.2 | 1288.6 | 1185.3 | 1105.0 | 1020.8 | 939.9 | 875.1 | 833.1 |
| 40° | 2147.1 | 1895.4 | 1613.9 | 1386.6 | 1232.3 | 1132.7 | 1064.5 | 981.9 | 902.0 | 840.4 | 801.2 |
| 42.5° | 2090.2 | 1862.3 | 1572.2 | 1332.4 | 1173.8 | 1074.3 | 1011.3 | 942.4 | 866.9 | 809.0 | 769.8 |
| 45° | 1951.5 | 1790.4 | 1509.7 | 1251.2 | 1087.4 | 984.6 | 929.1 | 879.0 | 810.6 | 754.5 | 720.7 |
| 47.5° | 1759.1 | 1682.4 | 1419.3 | 1165.5 | 997.3 | 898.4 | 840.7 | 800.4 | 750.4 | 705.1 | 672.6 |
| 50° | 1625.4 | 1593.5 | 1358.1 | 1107.1 | 937.2 | 840.4 | 785.0 | 748.4 | 712.6 | 667.2 | 637.4 |
| 52.5° | 1471.1 | 1490.7 | 1286.7 | 1046.4 | 876.1 | 780.9 | 728.7 | 699.6 | 667.1 | 629.8 | 603.9 |
| 55° | 1253.9 | 1324.9 | 1163.2 | 944.6 | 785.0 | 694.3 | 644.9 | 619.1 | 600.2 | 572.5 | 550.2 |
| 57.5° | 1050.5 | 1140.9 | 1029.8 | 839.7 | 695.5 | 617.3 | 569.9 | 541.9 | 529.7 | 515.2 | 497.7 |
| 60° | 929.8 | 1019.1 | 934.5 | 769.4 | 635.4 | 560.9 | 519.0 | 495.3 | 483.1 | 473.0 | 458.1 |
| 62.5° | 822.0 | 912.4 | 841.4 | 697.9 | 576.4 | 507.4 | 470.8 | 447.7 | 438.2 | 432.9 | 420.3 |
| 65° | 674.0 | 751.8 | 704.4 | 586.7 | 492.0 | 431.0 | 397.9 | 381.7 | 372.8 | 370.8 | 362.7 |
| 67.5° | 548.5 | 607.8 | 573.3 | 486.6 | 412.1 | 359.5 | 331.3 | 317.5 | 310.7 | 310.0 | 303.9 |
| 70° | 466.2 | 521.7 | 495.3 | 416.8 | 352.6 | 311.3 | 286.9 | 274.7 | 270.7 | 270.0 | 266.7 |
| 72.5° | 402.3 | 441.1 | 420.1 | 354.6 | 304.9 | 267.4 | 249.5 | 236.9 | 232.2 | 233.2 | 230.9 |
| 75° | 297.7 | 326.8 | 314.7 | 269.3 | 229.4 | 205.0 | 190.1 | 182.0 | 178.0 | 180.0 | 177.3 |
| 77.5° | 214.2 | 232.6 | 221.7 | 190.3 | 165.7 | 148.1 | 137.1 | 132.1 | 128.5 | 128.3 | 127.1 |
| 80° | 161.7 | 172.5 | 166.4 | 147.5 | 127.3 | 112.4 | 103.5 | 100.1 | 98.2 | 97.5 | 96.8 |
| 82.5° | 115.2 | 124.4 | 117.2 | 104.2 | 90.4 | 81.5 | 76.5 | 72.0 | 70.5 | 70.9 | 70.3 |
| 85° | 58.2 | 61.6 | 58.9 | 50.7 | 45.4 | 41.2 | 38.6 | 36.5 | 35.2 | 35.9 | 34.5 |
| 87.5° | 21.8 | 22.0 | 20.1 | 17.7 | 16.4 | 14.6 | 14.4 | 13.1 | 12.2 | 12.5 | 12.1 |
| 90° | 9.0 | 7.5 | 6.1 | 4.8 | 3.8 | 2.7 | 1.5 | 0.5 | 1.5 | 2.7 | 3.8 |
| 92.5° | 17.2 | 16.4 | 15.7 | 14.9 | 14.1 | 13.3 | 12.7 | 11.9 | 12.7 | 13.3 | 14.1 |
| 95° | 34.6 | 33.8 | 32.9 | 32.0 | 31.3 | 30.5 | 29.7 | 29.0 | 29.7 | 30.5 | 31.3 |
| 97.5° | 55.6 | 54.9 | 54.3 | 53.7 | 53.2 | 52.6 | 52.0 | 51.5 | 52.0 | 52.6 | 53.2 |
| 100° | 71.1 | 70.5 | 70.0 | 69.4 | 68.8 | 68.1 | 67.4 | 66.8 | 67.4 | 68.1 | 68.8 |
| 102.5° | 88.1 | 87.3 | 86.6 | 86.0 | 85.7 | 85.2 | 84.9 | 84.5 | 84.9 | 85.2 | 85.7 |
| 105° | 113.9 | 113.0 | 111.9 | 111.4 | 111.2 | 110.9 | 110.7 | 110.5 | 110.7 | 110.9 | 111.2 |
| 107.5° | 142.3 | 141.9 | 141.5 | 141.3 | 141.1 | 141.0 | 140.9 | 140.8 | 140.9 | 141.0 | 141.1 |
| 110° | 161.2 | 160.9 | 160.7 | 160.5 | 160.2 | 160.1 | 159.8 | 159.6 | 159.8 | 160.1 | 160.2 |



TEST NUMBER: P332055-935

CATALOG NUMBER: S123DIP-S1165D585U935-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 179.9 | 179.9 | 179.9 | 179.8 | 179.6 | 179.5 | 179.3 | 179.3 | 179.3 | 179.5 | 179.6 |
| 115° | 209.7 | 209.8 | 210.1 | 210.0 | 209.7 | 209.4 | 209.1 | 208.7 | 209.1 | 209.4 | 209.7 |
| 117.5° | 238.7 | 238.9 | 239.2 | 239.3 | 239.0 | 238.8 | 238.6 | 238.4 | 238.6 | 238.8 | 239.0 |
| 120° | 258.5 | 259.0 | 259.5 | 259.5 | 258.8 | 258.1 | 257.5 | 256.8 | 257.5 | 258.1 | 258.8 |
| 122.5° | 277.6 | 277.8 | 278.1 | 278.0 | 277.5 | 277.1 | 276.6 | 276.1 | 276.6 | 277.1 | 277.5 |
| 125° | 306.4 | 306.6 | 306.9 | 306.8 | 306.4 | 306.1 | 305.8 | 305.5 | 305.8 | 306.1 | 306.4 |
| 127.5° | 335.1 | 335.4 | 335.6 | 335.4 | 334.7 | 334.0 | 333.3 | 332.6 | 333.3 | 334.0 | 334.7 |
| 130° | 353.8 | 354.1 | 354.4 | 354.1 | 353.3 | 352.4 | 351.5 | 350.7 | 351.5 | 352.4 | 353.3 |
| 132.5° | 372.0 | 372.3 | 372.6 | 372.2 | 371.3 | 370.5 | 369.6 | 368.7 | 369.6 | 370.5 | 371.3 |
| 135° | 399.0 | 399.1 | 399.2 | 398.9 | 398.3 | 397.6 | 397.0 | 396.3 | 397.0 | 397.6 | 398.3 |
| 137.5° | 425.0 | 424.7 | 424.5 | 424.0 | 423.5 | 422.9 | 422.4 | 421.9 | 422.4 | 422.9 | 423.5 |
| 140° | 442.3 | 442.1 | 442.0 | 441.7 | 441.2 | 440.7 | 440.1 | 439.5 | 440.1 | 440.7 | 441.2 |
| 142.5° | 458.6 | 458.4 | 458.2 | 457.8 | 457.3 | 456.8 | 456.2 | 455.6 | 456.2 | 456.8 | 457.3 |
| 145° | 482.6 | 482.2 | 481.9 | 481.6 | 481.5 | 481.2 | 481.0 | 480.8 | 481.0 | 481.2 | 481.5 |
| 147.5° | 505.3 | 505.1 | 504.7 | 504.4 | 503.9 | 503.6 | 503.2 | 502.8 | 503.2 | 503.6 | 503.9 |
| 150° | 519.6 | 519.4 | 519.2 | 519.0 | 518.8 | 518.6 | 518.3 | 518.1 | 518.3 | 518.6 | 518.8 |
| 152.5° | 532.4 | 532.3 | 532.1 | 531.9 | 531.6 | 531.3 | 531.0 | 530.7 | 531.0 | 531.3 | 531.6 |
| 155° | 550.8 | 550.7 | 550.6 | 550.5 | 550.5 | 550.5 | 550.5 | 550.5 | 550.5 | 550.5 | 550.5 |
| 157.5° | 567.1 | 567.0 | 566.9 | 566.9 | 567.1 | 567.1 | 567.3 | 567.4 | 567.3 | 567.1 | 567.1 |
| 160° | 577.0 | 577.0 | 577.0 | 577.1 | 577.4 | 577.6 | 577.8 | 578.0 | 577.8 | 577.6 | 577.4 |
| 162.5° | 586.3 | 586.3 | 586.2 | 586.3 | 586.5 | 586.9 | 587.1 | 587.5 | 587.1 | 586.9 | 586.5 |
| 165° | 598.1 | 598.1 | 598.1 | 598.3 | 598.7 | 599.0 | 599.3 | 599.6 | 599.3 | 599.0 | 598.7 |
| 167.5° | 607.6 | 607.5 | 607.4 | 607.6 | 608.0 | 608.5 | 608.9 | 609.3 | 608.9 | 608.5 | 608.0 |
| 170° | 612.9 | 612.9 | 612.9 | 613.1 | 613.5 | 614.0 | 614.4 | 614.8 | 614.4 | 614.0 | 613.5 |
| 172.5° | 617.3 | 617.3 | 617.3 | 617.4 | 617.9 | 618.3 | 618.7 | 619.1 | 618.7 | 618.3 | 617.9 |
| 175° | 621.7 | 621.7 | 621.7 | 622.0 | 622.4 | 622.8 | 623.3 | 623.7 | 623.3 | 622.8 | 622.4 |
| 177.5° | 624.0 | 624.0 | 624.0 | 624.1 | 624.5 | 624.9 | 625.3 | 625.6 | 625.3 | 624.9 | 624.5 |
| 180° | 625.2 | 625.2 | 625.2 | 625.2 | 625.2 | 625.2 | 625.2 | 625.2 | 625.2 | 625.2 | 625.2 |



TEST NUMBER: P332055-935

CATALOG NUMBER: S123DIP-S1165D585U935-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1396.6 | 1396.6 | 1396.6 | 1396.6 | 1396.6 | 1396.6 | 1396.6 | 1396.6 | 1396.6 | 1396.6 | 1396.6 |
| 2.5° | 1373.4 | 1369.6 | 1364.2 | 1356.1 | 1349.5 | 1339.3 | 1339.3 | 1340.9 | 1340.9 | 1340.4 | 1339.3 |
| 5° | 1331.7 | 1321.5 | 1309.4 | 1295.2 | 1280.3 | 1265.4 | 1262.7 | 1257.2 | 1253.2 | 1250.5 | 1247.2 |
| 7.5° | 1287.7 | 1269.7 | 1252.0 | 1232.1 | 1213.9 | 1198.9 | 1188.5 | 1179.8 | 1174.3 | 1168.4 | 1164.0 |
| 10° | 1257.9 | 1235.6 | 1214.6 | 1193.7 | 1170.6 | 1152.4 | 1140.9 | 1132.7 | 1126.7 | 1121.3 | 1118.5 |
| 12.5° | 1222.8 | 1197.2 | 1174.1 | 1154.2 | 1128.9 | 1110.2 | 1099.2 | 1095.4 | 1088.2 | 1076.9 | 1070.9 |
| 15° | 1171.3 | 1147.6 | 1119.9 | 1089.4 | 1077.3 | 1054.3 | 1041.4 | 1035.4 | 1031.2 | 1022.4 | 1019.8 |
| 17.5° | 1127.3 | 1096.3 | 1065.2 | 1042.5 | 1019.9 | 1001.2 | 994.0 | 986.4 | 981.0 | 973.9 | 971.7 |
| 20° | 1092.2 | 1064.5 | 1036.0 | 1011.7 | 987.9 | 967.7 | 961.6 | 956.1 | 950.7 | 947.4 | 944.6 |
| 22.5° | 1056.4 | 1028.7 | 1005.1 | 982.4 | 957.1 | 943.8 | 937.2 | 931.3 | 927.5 | 925.1 | 922.5 |
| 25° | 1006.3 | 981.9 | 955.5 | 935.1 | 914.9 | 906.0 | 902.0 | 898.6 | 896.0 | 892.5 | 891.8 |
| 27.5° | 961.3 | 934.8 | 913.3 | 894.4 | 879.9 | 872.5 | 868.6 | 866.9 | 867.5 | 868.7 | 869.5 |
| 30° | 927.7 | 903.4 | 885.8 | 869.5 | 856.0 | 849.2 | 848.5 | 848.5 | 851.3 | 852.0 | 853.3 |
| 32.5° | 896.9 | 876.8 | 859.3 | 843.5 | 833.3 | 828.6 | 831.2 | 831.2 | 833.4 | 835.2 | 837.6 |
| 35° | 852.0 | 834.3 | 820.8 | 807.3 | 798.5 | 800.5 | 801.8 | 803.2 | 806.6 | 810.6 | 813.4 |
| 37.5° | 809.0 | 793.8 | 779.6 | 769.1 | 765.1 | 768.7 | 772.0 | 774.8 | 778.7 | 781.9 | 784.5 |
| 40° | 778.2 | 766.6 | 753.1 | 743.6 | 745.0 | 747.1 | 749.8 | 753.1 | 756.6 | 758.5 | 761.3 |
| 42.5° | 749.5 | 737.4 | 727.2 | 719.3 | 721.2 | 723.8 | 725.4 | 727.2 | 731.1 | 734.8 | 736.3 |
| 45° | 705.8 | 696.3 | 686.8 | 682.1 | 683.5 | 684.8 | 686.1 | 688.2 | 691.6 | 694.3 | 694.9 |
| 47.5° | 656.7 | 650.1 | 643.7 | 639.0 | 641.2 | 640.7 | 642.5 | 646.8 | 647.8 | 649.5 | 653.2 |
| 50° | 625.3 | 619.1 | 611.7 | 610.4 | 610.4 | 610.4 | 611.1 | 616.5 | 616.5 | 619.1 | 621.9 |
| 52.5° | 590.6 | 586.7 | 581.9 | 579.5 | 578.4 | 578.4 | 581.3 | 584.0 | 585.0 | 588.8 | 591.6 |
| 55° | 539.3 | 535.3 | 531.2 | 529.2 | 527.8 | 529.2 | 534.6 | 535.9 | 539.3 | 541.3 | 543.4 |
| 57.5° | 485.9 | 482.8 | 479.5 | 478.4 | 478.1 | 479.9 | 482.8 | 486.9 | 487.8 | 494.0 | 497.1 |
| 60° | 450.6 | 445.9 | 443.2 | 443.2 | 441.9 | 448.0 | 446.6 | 453.4 | 454.7 | 458.8 | 463.6 |
| 62.5° | 414.4 | 408.0 | 407.0 | 407.0 | 408.9 | 410.6 | 412.5 | 415.5 | 419.0 | 424.1 | 427.8 |
| 65° | 355.9 | 352.6 | 357.3 | 356.6 | 355.2 | 359.3 | 359.3 | 362.7 | 366.8 | 371.5 | 378.9 |
| 67.5° | 300.6 | 298.9 | 299.2 | 299.2 | 301.3 | 303.6 | 305.5 | 308.4 | 313.3 | 318.3 | 323.2 |
| 70° | 263.2 | 265.3 | 261.9 | 264.6 | 266.7 | 267.3 | 268.6 | 272.7 | 278.1 | 281.5 | 286.9 |
| 72.5° | 227.0 | 226.8 | 227.2 | 228.3 | 230.3 | 231.5 | 232.9 | 237.5 | 243.5 | 246.3 | 250.6 |
| 75° | 174.6 | 173.9 | 175.9 | 175.9 | 179.3 | 180.6 | 182.0 | 184.1 | 189.5 | 193.6 | 196.9 |
| 77.5° | 127.5 | 128.3 | 127.9 | 130.2 | 129.2 | 129.5 | 133.7 | 135.8 | 136.3 | 144.3 | 146.0 |
| 80° | 96.1 | 97.5 | 98.2 | 98.8 | 99.4 | 98.2 | 102.9 | 104.9 | 104.9 | 109.6 | 113.0 |
| 82.5° | 69.1 | 69.8 | 71.6 | 72.2 | 72.4 | 73.8 | 74.1 | 75.7 | 77.3 | 79.3 | 83.8 |
| 85° | 34.5 | 36.5 | 37.2 | 36.5 | 37.2 | 35.9 | 37.9 | 38.6 | 39.3 | 39.3 | 39.3 |
| 87.5° | 11.8 | 12.6 | 12.3 | 13.2 | 12.9 | 13.7 | 13.8 | 12.8 | 12.9 | 14.6 | 12.5 |
| 90° | 4.8 | 6.1 | 7.5 | 9.0 | 10.3 | 11.8 | 12.2 | 12.7 | 13.1 | 13.5 | 13.9 |
| 92.5° | 14.9 | 15.7 | 16.4 | 17.2 | 18.1 | 18.9 | 19.2 | 19.5 | 19.9 | 20.2 | 20.4 |
| 95° | 32.0 | 32.9 | 33.8 | 34.6 | 35.5 | 36.3 | 36.8 | 37.2 | 37.6 | 38.1 | 38.3 |
| 97.5° | 53.7 | 54.3 | 54.9 | 55.6 | 56.2 | 56.9 | 57.3 | 57.9 | 58.4 | 58.9 | 59.1 |
| 100° | 69.4 | 70.0 | 70.5 | 71.1 | 71.6 | 72.2 | 72.5 | 72.8 | 73.2 | 73.5 | 73.8 |
| 102.5° | 86.0 | 86.6 | 87.3 | 88.1 | 88.8 | 89.5 | 89.8 | 90.1 | 90.5 | 90.7 | 90.9 |
| 105° | 111.4 | 111.9 | 113.0 | 113.9 | 114.9 | 115.9 | 115.9 | 115.9 | 115.9 | 115.9 | 116.0 |
| 107.5° | 141.3 | 141.5 | 141.9 | 142.3 | 142.8 | 143.1 | 143.4 | 143.8 | 144.1 | 144.5 | 144.6 |
| 110° | 160.5 | 160.7 | 160.9 | 161.2 | 161.4 | 161.6 | 162.0 | 162.5 | 162.9 | 163.3 | 163.4 |



TEST NUMBER: P332055-935

CATALOG NUMBER: S123DIP-S1165D585U935-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 179.8 | 179.9 | 179.9 | 179.9 | 180.0 | 180.0 | 180.6 | 181.1 | 181.6 | 182.1 | 182.4 |
| 115° | 210.0 | 210.1 | 209.8 | 209.7 | 209.4 | 209.2 | 209.3 | 209.4 | 209.6 | 209.7 | 209.7 |
| 117.5° | 239.3 | 239.2 | 238.9 | 238.7 | 238.4 | 238.1 | 238.1 | 238.1 | 238.0 | 238.0 | 237.8 |
| 120° | 259.5 | 259.5 | 259.0 | 258.5 | 257.9 | 257.4 | 257.3 | 257.1 | 257.0 | 256.9 | 256.8 |
| 122.5° | 278.0 | 278.1 | 277.8 | 277.6 | 277.2 | 277.0 | 276.7 | 276.4 | 276.1 | 275.9 | 275.5 |
| 125° | 306.8 | 306.9 | 306.6 | 306.4 | 306.2 | 306.0 | 305.5 | 305.1 | 304.6 | 304.2 | 303.8 |
| 127.5° | 335.4 | 335.6 | 335.4 | 335.1 | 334.8 | 334.7 | 334.1 | 333.4 | 332.8 | 332.2 | 331.7 |
| 130° | 354.1 | 354.4 | 354.1 | 353.8 | 353.4 | 353.1 | 352.7 | 352.2 | 351.8 | 351.4 | 350.8 |
| 132.5° | 372.2 | 372.6 | 372.3 | 372.0 | 371.8 | 371.6 | 371.0 | 370.5 | 370.0 | 369.5 | 368.9 |
| 135° | 398.9 | 399.2 | 399.1 | 399.0 | 398.9 | 398.8 | 398.4 | 397.9 | 397.4 | 397.0 | 396.7 |
| 137.5° | 424.0 | 424.5 | 424.7 | 425.0 | 425.3 | 425.6 | 425.2 | 424.6 | 424.2 | 423.8 | 423.4 |
| 140° | 441.7 | 442.0 | 442.1 | 442.3 | 442.4 | 442.5 | 442.4 | 442.3 | 442.1 | 442.0 | 441.6 |
| 142.5° | 457.8 | 458.2 | 458.4 | 458.6 | 458.8 | 459.0 | 458.9 | 458.7 | 458.7 | 458.6 | 458.2 |
| 145° | 481.6 | 481.9 | 482.2 | 482.6 | 482.9 | 483.3 | 483.1 | 483.0 | 482.9 | 482.8 | 482.5 |
| 147.5° | 504.4 | 504.7 | 505.1 | 505.3 | 505.7 | 505.9 | 505.9 | 505.9 | 505.9 | 505.9 | 505.6 |
| 150° | 519.0 | 519.2 | 519.4 | 519.6 | 519.9 | 520.0 | 520.0 | 520.0 | 520.0 | 520.0 | 519.8 |
| 152.5° | 531.9 | 532.1 | 532.3 | 532.4 | 532.5 | 532.6 | 532.8 | 533.0 | 533.2 | 533.4 | 533.1 |
| 155° | 550.5 | 550.6 | 550.7 | 550.8 | 551.0 | 551.0 | 551.5 | 551.9 | 552.3 | 552.8 | 552.6 |
| 157.5° | 566.9 | 566.9 | 567.0 | 567.1 | 567.1 | 567.2 | 567.7 | 568.2 | 568.6 | 569.0 | 568.9 |
| 160° | 577.1 | 577.0 | 577.0 | 577.0 | 577.0 | 577.0 | 577.6 | 578.2 | 578.7 | 579.2 | 579.3 |
| 162.5° | 586.3 | 586.2 | 586.3 | 586.3 | 586.4 | 586.5 | 587.0 | 587.5 | 588.1 | 588.7 | 588.6 |
| 165° | 598.3 | 598.1 | 598.1 | 598.1 | 598.1 | 598.1 | 598.8 | 599.5 | 600.1 | 600.8 | 600.7 |
| 167.5° | 607.6 | 607.4 | 607.5 | 607.6 | 607.7 | 607.8 | 608.5 | 609.2 | 609.8 | 610.5 | 610.5 |
| 170° | 613.1 | 612.9 | 612.9 | 612.9 | 612.9 | 612.9 | 613.6 | 614.4 | 615.2 | 616.0 | 616.0 |
| 172.5° | 617.4 | 617.3 | 617.3 | 617.3 | 617.3 | 617.3 | 617.9 | 618.5 | 619.2 | 619.9 | 619.9 |
| 175° | 622.0 | 621.7 | 621.7 | 621.7 | 621.7 | 621.7 | 622.4 | 623.0 | 623.7 | 624.4 | 624.3 |
| 177.5° | 624.1 | 624.0 | 624.0 | 624.0 | 624.0 | 624.0 | 624.5 | 625.1 | 625.6 | 626.1 | 626.0 |
| 180° | 625.2 | 625.2 | 625.2 | 625.2 | 625.2 | 625.2 | 625.2 | 625.2 | 625.2 | 625.2 | 625.2 |



TEST NUMBER: P332055-935

CATALOG NUMBER: S123DIP-S1165D585U935-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1396.6 | 1396.6 | 1396.6 | 1396.6 | 1396.6 | 1396.6 | 1396.6 | 1396.6 | 1396.6 | 1396.6 | 1396.6 |
| 2.5° | 1335.5 | 1335.0 | 1338.8 | 1336.0 | 1338.8 | 1335.0 | 1335.5 | 1339.3 | 1340.4 | 1340.9 | 1340.9 |
| 5° | 1243.0 | 1245.1 | 1238.3 | 1238.3 | 1238.3 | 1245.1 | 1243.0 | 1247.2 | 1250.5 | 1253.2 | 1257.2 |
| 7.5° | 1160.8 | 1157.8 | 1158.0 | 1154.4 | 1158.0 | 1157.8 | 1160.8 | 1164.0 | 1168.4 | 1174.3 | 1179.8 |
| 10° | 1110.4 | 1106.4 | 1105.0 | 1105.7 | 1105.0 | 1106.4 | 1110.4 | 1118.5 | 1121.3 | 1126.7 | 1132.7 |
| 12.5° | 1068.8 | 1067.9 | 1059.0 | 1059.1 | 1059.0 | 1067.9 | 1068.8 | 1070.9 | 1076.9 | 1088.2 | 1095.4 |
| 15° | 1019.8 | 1006.9 | 1005.6 | 1009.6 | 1005.6 | 1006.9 | 1019.8 | 1019.8 | 1022.4 | 1031.2 | 1035.4 |
| 17.5° | 970.6 | 963.9 | 964.2 | 962.3 | 964.2 | 963.9 | 970.6 | 971.7 | 973.9 | 981.0 | 986.4 |
| 20° | 944.6 | 940.6 | 939.9 | 935.1 | 939.9 | 940.6 | 944.6 | 944.6 | 947.4 | 950.7 | 956.1 |
| 22.5° | 920.8 | 919.5 | 919.9 | 914.6 | 919.9 | 919.5 | 920.8 | 922.5 | 925.1 | 927.5 | 931.3 |
| 25° | 891.2 | 894.6 | 891.8 | 891.8 | 891.8 | 894.6 | 891.2 | 891.8 | 892.5 | 896.0 | 898.6 |
| 27.5° | 871.2 | 871.0 | 869.7 | 869.7 | 869.7 | 871.0 | 871.2 | 869.5 | 868.7 | 867.5 | 866.9 |
| 30° | 856.0 | 855.3 | 856.7 | 856.7 | 856.7 | 855.3 | 856.0 | 853.3 | 852.0 | 851.3 | 848.5 |
| 32.5° | 840.9 | 841.8 | 842.1 | 842.6 | 842.1 | 841.8 | 840.9 | 837.6 | 835.2 | 833.4 | 831.2 |
| 35° | 817.4 | 818.1 | 820.1 | 818.8 | 820.1 | 818.1 | 817.4 | 813.4 | 810.6 | 806.6 | 803.2 |
| 37.5° | 785.7 | 788.8 | 788.2 | 789.3 | 788.2 | 788.8 | 785.7 | 784.5 | 781.9 | 778.7 | 774.8 |
| 40° | 761.9 | 764.0 | 763.3 | 763.3 | 763.3 | 764.0 | 761.9 | 761.3 | 758.5 | 756.6 | 753.1 |
| 42.5° | 737.6 | 739.1 | 737.3 | 736.2 | 737.3 | 739.1 | 737.6 | 736.3 | 734.8 | 731.1 | 727.2 |
| 45° | 697.7 | 696.3 | 698.4 | 695.6 | 698.4 | 696.3 | 697.7 | 694.9 | 694.3 | 691.6 | 688.2 |
| 47.5° | 653.0 | 654.4 | 654.9 | 656.9 | 654.9 | 654.4 | 653.0 | 653.2 | 649.5 | 647.8 | 646.8 |
| 50° | 623.2 | 627.2 | 627.2 | 626.6 | 627.2 | 627.2 | 623.2 | 621.9 | 619.1 | 616.5 | 616.5 |
| 52.5° | 594.0 | 595.9 | 598.6 | 598.5 | 598.6 | 595.9 | 594.0 | 591.6 | 588.8 | 585.0 | 584.0 |
| 55° | 548.8 | 550.2 | 551.5 | 552.2 | 551.5 | 550.2 | 548.8 | 543.4 | 541.3 | 539.3 | 535.9 |
| 57.5° | 502.0 | 501.4 | 504.6 | 505.6 | 504.6 | 501.4 | 502.0 | 497.1 | 494.0 | 487.8 | 486.9 |
| 60° | 468.9 | 468.9 | 474.3 | 476.4 | 474.3 | 468.9 | 468.9 | 463.6 | 458.8 | 454.7 | 453.4 |
| 62.5° | 433.8 | 435.9 | 441.3 | 438.5 | 441.3 | 435.9 | 433.8 | 427.8 | 424.1 | 419.0 | 415.5 |
| 65° | 382.3 | 387.7 | 387.0 | 389.8 | 387.0 | 387.7 | 382.3 | 378.9 | 371.5 | 366.8 | 362.7 |
| 67.5° | 328.6 | 332.0 | 336.8 | 337.3 | 336.8 | 332.0 | 328.6 | 323.2 | 318.3 | 313.3 | 308.4 |
| 70° | 292.3 | 295.7 | 298.4 | 300.4 | 298.4 | 295.7 | 292.3 | 286.9 | 281.5 | 278.1 | 272.7 |
| 72.5° | 257.2 | 258.9 | 265.4 | 262.5 | 265.4 | 258.9 | 257.2 | 250.6 | 246.3 | 243.5 | 237.5 |
| 75° | 201.6 | 206.4 | 210.4 | 208.4 | 210.4 | 206.4 | 201.6 | 196.9 | 193.6 | 189.5 | 184.1 |
| 77.5° | 149.1 | 153.9 | 155.8 | 154.0 | 155.8 | 153.9 | 149.1 | 146.0 | 144.3 | 136.3 | 135.8 |
| 80° | 117.8 | 117.1 | 121.1 | 120.5 | 121.1 | 117.1 | 117.8 | 113.0 | 109.6 | 104.9 | 104.9 |
| 82.5° | 86.4 | 85.7 | 87.6 | 88.0 | 87.6 | 85.7 | 86.4 | 83.8 | 79.3 | 77.3 | 75.7 |
| 85° | 41.9 | 44.0 | 41.2 | 40.6 | 41.2 | 44.0 | 41.9 | 39.3 | 39.3 | 39.3 | 38.6 |
| 87.5° | 12.6 | 12.6 | 12.1 | 11.6 | 12.1 | 12.6 | 12.6 | 12.5 | 14.6 | 12.9 | 12.8 |
| 90° | 14.1 | 14.3 | 14.6 | 14.7 | 14.6 | 14.3 | 14.1 | 13.9 | 13.5 | 13.1 | 12.7 |
| 92.5° | 20.2 | 20.1 | 20.0 | 19.8 | 20.0 | 20.1 | 20.2 | 20.4 | 20.2 | 19.9 | 19.5 |
| 95° | 38.3 | 38.3 | 38.3 | 38.3 | 38.3 | 38.3 | 38.3 | 38.3 | 38.1 | 37.6 | 37.2 |
| 97.5° | 59.1 | 59.0 | 59.0 | 58.9 | 59.0 | 59.0 | 59.1 | 59.1 | 58.9 | 58.4 | 57.9 |
| 100° | 74.0 | 74.2 | 74.4 | 74.6 | 74.4 | 74.2 | 74.0 | 73.8 | 73.5 | 73.2 | 72.8 |
| 102.5° | 90.9 | 90.8 | 90.8 | 90.7 | 90.8 | 90.8 | 90.9 | 90.9 | 90.7 | 90.5 | 90.1 |
| 105° | 116.2 | 116.4 | 116.7 | 116.9 | 116.7 | 116.4 | 116.2 | 116.0 | 115.9 | 115.9 | 115.9 |
| 107.5° | 144.5 | 144.4 | 144.2 | 144.1 | 144.2 | 144.4 | 144.5 | 144.6 | 144.5 | 144.1 | 143.8 |
| 110° | 163.2 | 163.0 | 162.8 | 162.6 | 162.8 | 163.0 | 163.2 | 163.4 | 163.3 | 162.9 | 162.5 |



TEST NUMBER: P332055-935

CATALOG NUMBER: S123DIP-S1165D585U935-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 182.4 | 182.3 | 182.3 | 182.2 | 182.3 | 182.3 | 182.4 | 182.4 | 182.1 | 181.6 | 181.1 |
| 115° | 209.6 | 209.4 | 209.3 | 209.2 | 209.3 | 209.4 | 209.6 | 209.7 | 209.7 | 209.6 | 209.4 |
| 117.5° | 237.5 | 237.2 | 236.9 | 236.6 | 236.9 | 237.2 | 237.5 | 237.8 | 238.0 | 238.0 | 238.1 |
| 120° | 256.5 | 256.3 | 256.1 | 255.9 | 256.1 | 256.3 | 256.5 | 256.8 | 256.9 | 257.0 | 257.1 |
| 122.5° | 275.3 | 274.9 | 274.7 | 274.3 | 274.7 | 274.9 | 275.3 | 275.5 | 275.9 | 276.1 | 276.4 |
| 125° | 303.3 | 302.9 | 302.5 | 302.0 | 302.5 | 302.9 | 303.3 | 303.8 | 304.2 | 304.6 | 305.1 |
| 127.5° | 331.1 | 330.6 | 330.1 | 329.6 | 330.1 | 330.6 | 331.1 | 331.7 | 332.2 | 332.8 | 333.4 |
| 130° | 350.0 | 349.2 | 348.4 | 347.7 | 348.4 | 349.2 | 350.0 | 350.8 | 351.4 | 351.8 | 352.2 |
| 132.5° | 368.3 | 367.7 | 367.1 | 366.5 | 367.1 | 367.7 | 368.3 | 368.9 | 369.5 | 370.0 | 370.5 |
| 135° | 396.5 | 396.2 | 396.1 | 395.8 | 396.1 | 396.2 | 396.5 | 396.7 | 397.0 | 397.4 | 397.9 |
| 137.5° | 422.9 | 422.5 | 422.1 | 421.6 | 422.1 | 422.5 | 422.9 | 423.4 | 423.8 | 424.2 | 424.6 |
| 140° | 440.8 | 440.1 | 439.3 | 438.6 | 439.3 | 440.1 | 440.8 | 441.6 | 442.0 | 442.1 | 442.3 |
| 142.5° | 457.6 | 457.0 | 456.4 | 455.8 | 456.4 | 457.0 | 457.6 | 458.2 | 458.6 | 458.7 | 458.7 |
| 145° | 482.1 | 481.6 | 481.2 | 480.8 | 481.2 | 481.6 | 482.1 | 482.5 | 482.8 | 482.9 | 483.0 |
| 147.5° | 505.0 | 504.3 | 503.7 | 503.0 | 503.7 | 504.3 | 505.0 | 505.6 | 505.9 | 505.9 | 505.9 |
| 150° | 519.1 | 518.4 | 517.8 | 517.1 | 517.8 | 518.4 | 519.1 | 519.8 | 520.0 | 520.0 | 520.0 |
| 152.5° | 532.6 | 532.0 | 531.5 | 530.9 | 531.5 | 532.0 | 532.6 | 533.1 | 533.4 | 533.2 | 533.0 |
| 155° | 551.8 | 551.0 | 550.4 | 549.6 | 550.4 | 551.0 | 551.8 | 552.6 | 552.8 | 552.3 | 551.9 |
| 157.5° | 568.3 | 567.7 | 567.1 | 566.5 | 567.1 | 567.7 | 568.3 | 568.9 | 569.0 | 568.6 | 568.2 |
| 160° | 578.9 | 578.4 | 578.0 | 577.6 | 578.0 | 578.4 | 578.9 | 579.3 | 579.2 | 578.7 | 578.2 |
| 162.5° | 587.9 | 587.2 | 586.5 | 585.8 | 586.5 | 587.2 | 587.9 | 588.6 | 588.7 | 588.1 | 587.5 |
| 165° | 599.9 | 599.2 | 598.5 | 597.7 | 598.5 | 599.2 | 599.9 | 600.7 | 600.8 | 600.1 | 599.5 |
| 167.5° | 609.8 | 609.2 | 608.5 | 607.8 | 608.5 | 609.2 | 609.8 | 610.5 | 610.5 | 609.8 | 609.2 |
| 170° | 615.2 | 614.4 | 613.6 | 612.9 | 613.6 | 614.4 | 615.2 | 616.0 | 616.0 | 615.2 | 614.4 |
| 172.5° | 619.1 | 618.4 | 617.6 | 616.8 | 617.6 | 618.4 | 619.1 | 619.9 | 619.9 | 619.2 | 618.5 |
| 175° | 623.5 | 622.8 | 622.0 | 621.2 | 622.0 | 622.8 | 623.5 | 624.3 | 624.4 | 623.7 | 623.0 |
| 177.5° | 625.4 | 624.8 | 624.2 | 623.6 | 624.2 | 624.8 | 625.4 | 626.0 | 626.1 | 625.6 | 625.1 |
| 180° | 625.2 | 625.2 | 625.2 | 625.2 | 625.2 | 625.2 | 625.2 | 625.2 | 625.2 | 625.2 | 625.2 |



TEST NUMBER: P332055-935

CATALOG NUMBER: S123DIP-S1165D585U935-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1396.6 | 1396.6 | 1396.6 | 1396.6 | 1396.6 | 1396.6 | 1396.6 | 1396.6 | 1396.6 | 1396.6 | 1396.6 |
| 2.5° | 1339.3 | 1339.3 | 1349.5 | 1356.1 | 1364.2 | 1369.6 | 1373.4 | 1377.2 | 1383.7 | 1392.3 | 1402.1 |
| 5° | 1262.7 | 1265.4 | 1280.3 | 1295.2 | 1309.4 | 1321.5 | 1331.7 | 1343.8 | 1358.7 | 1377.0 | 1397.3 |
| 7.5° | 1188.5 | 1198.9 | 1213.9 | 1232.1 | 1252.0 | 1269.7 | 1287.7 | 1307.8 | 1328.7 | 1355.6 | 1384.1 |
| 10° | 1140.9 | 1152.4 | 1170.6 | 1193.7 | 1214.6 | 1235.6 | 1257.9 | 1279.6 | 1306.0 | 1337.8 | 1374.3 |
| 12.5° | 1099.2 | 1110.2 | 1128.9 | 1154.2 | 1174.1 | 1197.2 | 1222.8 | 1250.9 | 1280.6 | 1318.9 | 1360.3 |
| 15° | 1041.4 | 1054.3 | 1077.3 | 1089.4 | 1119.9 | 1147.6 | 1171.3 | 1211.9 | 1249.8 | 1289.1 | 1337.1 |
| 17.5° | 994.0 | 1001.2 | 1019.9 | 1042.5 | 1065.2 | 1096.3 | 1127.3 | 1161.1 | 1198.9 | 1247.0 | 1307.1 |
| 20° | 961.6 | 967.7 | 987.9 | 1011.7 | 1036.0 | 1064.5 | 1092.2 | 1126.0 | 1168.6 | 1219.3 | 1284.4 |
| 22.5° | 937.2 | 943.8 | 957.1 | 982.4 | 1005.1 | 1028.7 | 1056.4 | 1096.7 | 1142.1 | 1191.8 | 1262.1 |
| 25° | 902.0 | 906.0 | 914.9 | 935.1 | 955.5 | 981.9 | 1006.3 | 1044.1 | 1090.8 | 1149.0 | 1219.3 |
| 27.5° | 868.6 | 872.5 | 879.9 | 894.4 | 913.3 | 934.8 | 961.3 | 993.5 | 1040.9 | 1104.1 | 1178.8 |
| 30° | 848.5 | 849.2 | 856.0 | 869.5 | 885.8 | 903.4 | 927.7 | 964.2 | 1008.9 | 1073.2 | 1151.7 |
| 32.5° | 831.2 | 828.6 | 833.3 | 843.5 | 859.3 | 876.8 | 896.9 | 932.9 | 975.9 | 1039.1 | 1119.7 |
| 35° | 801.8 | 800.5 | 798.5 | 807.3 | 820.8 | 834.3 | 852.0 | 879.0 | 927.7 | 986.6 | 1071.2 |
| 37.5° | 772.0 | 768.7 | 765.1 | 769.1 | 779.6 | 793.8 | 809.0 | 833.1 | 875.1 | 939.9 | 1020.8 |
| 40° | 749.8 | 747.1 | 745.0 | 743.6 | 753.1 | 766.6 | 778.2 | 801.2 | 840.4 | 902.0 | 981.9 |
| 42.5° | 725.4 | 723.8 | 721.2 | 719.3 | 727.2 | 737.4 | 749.5 | 769.8 | 809.0 | 866.9 | 942.4 |
| 45° | 686.1 | 684.8 | 683.5 | 682.1 | 686.8 | 696.3 | 705.8 | 720.7 | 754.5 | 810.6 | 879.0 |
| 47.5° | 642.5 | 640.7 | 641.2 | 639.0 | 643.7 | 650.1 | 656.7 | 672.6 | 705.1 | 750.4 | 800.4 |
| 50° | 611.1 | 610.4 | 610.4 | 610.4 | 611.7 | 619.1 | 625.3 | 637.4 | 667.2 | 712.6 | 748.4 |
| 52.5° | 581.3 | 578.4 | 578.4 | 579.5 | 581.9 | 586.7 | 590.6 | 603.9 | 629.8 | 667.1 | 699.6 |
| 55° | 534.6 | 529.2 | 527.8 | 529.2 | 531.2 | 535.3 | 539.3 | 550.2 | 572.5 | 600.2 | 619.1 |
| 57.5° | 482.8 | 479.9 | 478.1 | 478.4 | 479.5 | 482.8 | 485.9 | 497.7 | 515.2 | 529.7 | 541.9 |
| 60° | 446.6 | 448.0 | 441.9 | 443.2 | 443.2 | 445.9 | 450.6 | 458.1 | 473.0 | 483.1 | 495.3 |
| 62.5° | 412.5 | 410.6 | 408.9 | 407.0 | 407.0 | 408.0 | 414.4 | 420.3 | 432.9 | 438.2 | 447.7 |
| 65° | 359.3 | 359.3 | 355.2 | 356.6 | 357.3 | 352.6 | 355.9 | 362.7 | 370.8 | 372.8 | 381.7 |
| 67.5° | 305.5 | 303.6 | 301.3 | 299.2 | 299.2 | 298.9 | 300.6 | 303.9 | 310.0 | 310.7 | 317.5 |
| 70° | 268.6 | 267.3 | 266.7 | 264.6 | 261.9 | 265.3 | 263.2 | 266.7 | 270.0 | 270.7 | 274.7 |
| 72.5° | 232.9 | 231.5 | 230.3 | 228.3 | 227.2 | 226.8 | 227.0 | 230.9 | 233.2 | 232.2 | 236.9 |
| 75° | 182.0 | 180.6 | 179.3 | 175.9 | 175.9 | 173.9 | 174.6 | 177.3 | 180.0 | 178.0 | 182.0 |
| 77.5° | 133.7 | 129.5 | 129.2 | 130.2 | 127.9 | 128.3 | 127.5 | 127.1 | 128.3 | 128.5 | 132.1 |
| 80° | 102.9 | 98.2 | 99.4 | 98.8 | 98.2 | 97.5 | 96.1 | 96.8 | 97.5 | 98.2 | 100.1 |
| 82.5° | 74.1 | 73.8 | 72.4 | 72.2 | 71.6 | 69.8 | 69.1 | 70.3 | 70.9 | 70.5 | 72.0 |
| 85° | 37.9 | 35.9 | 37.2 | 36.5 | 37.2 | 36.5 | 34.5 | 34.5 | 35.9 | 35.2 | 36.5 |
| 87.5° | 13.8 | 13.7 | 12.9 | 13.2 | 12.3 | 12.6 | 11.8 | 12.1 | 12.5 | 12.2 | 13.1 |
| 90° | 12.2 | 11.8 | 10.3 | 9.0 | 7.5 | 6.1 | 4.8 | 3.8 | 2.7 | 1.5 | 0.5 |
| 92.5° | 19.2 | 18.9 | 18.1 | 17.2 | 16.4 | 15.7 | 14.9 | 14.1 | 13.3 | 12.7 | 11.9 |
| 95° | 36.8 | 36.3 | 35.5 | 34.6 | 33.8 | 32.9 | 32.0 | 31.3 | 30.5 | 29.7 | 29.0 |
| 97.5° | 57.3 | 56.9 | 56.2 | 55.6 | 54.9 | 54.3 | 53.7 | 53.2 | 52.6 | 52.0 | 51.5 |
| 100° | 72.5 | 72.2 | 71.6 | 71.1 | 70.5 | 70.0 | 69.4 | 68.8 | 68.1 | 67.4 | 66.8 |
| 102.5° | 89.8 | 89.5 | 88.8 | 88.1 | 87.3 | 86.6 | 86.0 | 85.7 | 85.2 | 84.9 | 84.5 |
| 105° | 115.9 | 115.9 | 114.9 | 113.9 | 113.0 | 111.9 | 111.4 | 111.2 | 110.9 | 110.7 | 110.5 |
| 107.5° | 143.4 | 143.1 | 142.8 | 142.3 | 141.9 | 141.5 | 141.3 | 141.1 | 141.0 | 140.9 | 140.8 |
| 110° | 162.0 | 161.6 | 161.4 | 161.2 | 160.9 | 160.7 | 160.5 | 160.2 | 160.1 | 159.8 | 159.6 |



TEST NUMBER: P332055-935

CATALOG NUMBER: S123DIP-S1165D585U935-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 180.6 | 180.0 | 180.0 | 179.9 | 179.9 | 179.9 | 179.8 | 179.6 | 179.5 | 179.3 | 179.3 |
| 115° | 209.3 | 209.2 | 209.4 | 209.7 | 209.8 | 210.1 | 210.0 | 209.7 | 209.4 | 209.1 | 208.7 |
| 117.5° | 238.1 | 238.1 | 238.4 | 238.7 | 238.9 | 239.2 | 239.3 | 239.0 | 238.8 | 238.6 | 238.4 |
| 120° | 257.3 | 257.4 | 257.9 | 258.5 | 259.0 | 259.5 | 259.5 | 258.8 | 258.1 | 257.5 | 256.8 |
| 122.5° | 276.7 | 277.0 | 277.2 | 277.6 | 277.8 | 278.1 | 278.0 | 277.5 | 277.1 | 276.6 | 276.1 |
| 125° | 305.5 | 306.0 | 306.2 | 306.4 | 306.6 | 306.9 | 306.8 | 306.4 | 306.1 | 305.8 | 305.5 |
| 127.5° | 334.1 | 334.7 | 334.8 | 335.1 | 335.4 | 335.6 | 335.4 | 334.7 | 334.0 | 333.3 | 332.6 |
| 130° | 352.7 | 353.1 | 353.4 | 353.8 | 354.1 | 354.4 | 354.1 | 353.3 | 352.4 | 351.5 | 350.7 |
| 132.5° | 371.0 | 371.6 | 371.8 | 372.0 | 372.3 | 372.6 | 372.2 | 371.3 | 370.5 | 369.6 | 368.7 |
| 135° | 398.4 | 398.8 | 398.9 | 399.0 | 399.1 | 399.2 | 398.9 | 398.3 | 397.6 | 397.0 | 396.3 |
| 137.5° | 425.2 | 425.6 | 425.3 | 425.0 | 424.7 | 424.5 | 424.0 | 423.5 | 422.9 | 422.4 | 421.9 |
| 140° | 442.4 | 442.5 | 442.4 | 442.3 | 442.1 | 442.0 | 441.7 | 441.2 | 440.7 | 440.1 | 439.5 |
| 142.5° | 458.9 | 459.0 | 458.8 | 458.6 | 458.4 | 458.2 | 457.8 | 457.3 | 456.8 | 456.2 | 455.6 |
| 145° | 483.1 | 483.3 | 482.9 | 482.6 | 482.2 | 481.9 | 481.6 | 481.5 | 481.2 | 481.0 | 480.8 |
| 147.5° | 505.9 | 505.9 | 505.7 | 505.3 | 505.1 | 504.7 | 504.4 | 503.9 | 503.6 | 503.2 | 502.8 |
| 150° | 520.0 | 520.0 | 519.9 | 519.6 | 519.4 | 519.2 | 519.0 | 518.8 | 518.6 | 518.3 | 518.1 |
| 152.5° | 532.8 | 532.6 | 532.5 | 532.4 | 532.3 | 532.1 | 531.9 | 531.6 | 531.3 | 531.0 | 530.7 |
| 155° | 551.5 | 551.0 | 551.0 | 550.8 | 550.7 | 550.6 | 550.5 | 550.5 | 550.5 | 550.5 | 550.5 |
| 157.5° | 567.7 | 567.2 | 567.1 | 567.1 | 567.0 | 566.9 | 566.9 | 567.1 | 567.1 | 567.3 | 567.4 |
| 160° | 577.6 | 577.0 | 577.0 | 577.0 | 577.0 | 577.0 | 577.1 | 577.4 | 577.6 | 577.8 | 578.0 |
| 162.5° | 587.0 | 586.5 | 586.4 | 586.3 | 586.3 | 586.2 | 586.3 | 586.5 | 586.9 | 587.1 | 587.5 |
| 165° | 598.8 | 598.1 | 598.1 | 598.1 | 598.1 | 598.1 | 598.3 | 598.7 | 599.0 | 599.3 | 599.6 |
| 167.5° | 608.5 | 607.8 | 607.7 | 607.6 | 607.5 | 607.4 | 607.6 | 608.0 | 608.5 | 608.9 | 609.3 |
| 170° | 613.6 | 612.9 | 612.9 | 612.9 | 612.9 | 612.9 | 613.1 | 613.5 | 614.0 | 614.4 | 614.8 |
| 172.5° | 617.9 | 617.3 | 617.3 | 617.3 | 617.3 | 617.3 | 617.4 | 617.9 | 618.3 | 618.7 | 619.1 |
| 175° | 622.4 | 621.7 | 621.7 | 621.7 | 621.7 | 621.7 | 622.0 | 622.4 | 622.8 | 623.3 | 623.7 |
| 177.5° | 624.5 | 624.0 | 624.0 | 624.0 | 624.0 | 624.0 | 624.1 | 624.5 | 624.9 | 625.3 | 625.6 |
| 180° | 625.2 | 625.2 | 625.2 | 625.2 | 625.2 | 625.2 | 625.2 | 625.2 | 625.2 | 625.2 | 625.2 |



TEST NUMBER: P332055-935

CATALOG NUMBER: S123DIP-S1165D585U935-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1396.6 | 1396.6 | 1396.6 | 1396.6 | 1396.6 | 1396.6 | 1396.6 | 1396.6 | 1396.6 | 1396.6 | 1396.6 |
| 2.5° | 1405.3 | 1408.0 | 1417.2 | 1423.7 | 1431.3 | 1435.6 | 1439.9 | 1443.2 | 1447.5 | 1448.6 | 1464.3 |
| 5° | 1411.5 | 1425.1 | 1448.8 | 1466.4 | 1488.0 | 1511.7 | 1527.9 | 1535.4 | 1555.0 | 1571.2 | 1603.7 |
| 7.5° | 1409.8 | 1438.6 | 1474.4 | 1511.4 | 1551.2 | 1588.0 | 1620.0 | 1657.9 | 1684.8 | 1725.3 | 1765.2 |
| 10° | 1408.2 | 1446.7 | 1492.7 | 1540.2 | 1595.6 | 1647.0 | 1693.1 | 1744.5 | 1787.1 | 1843.2 | 1891.3 |
| 12.5° | 1403.3 | 1450.0 | 1513.9 | 1569.9 | 1637.3 | 1708.2 | 1776.4 | 1842.5 | 1880.3 | 1973.8 | 2018.0 |
| 15° | 1391.3 | 1446.7 | 1526.6 | 1611.9 | 1704.5 | 1788.5 | 1875.1 | 1944.1 | 2055.7 | 2137.6 | 2189.7 |
| 17.5° | 1368.2 | 1446.0 | 1540.7 | 1643.5 | 1756.3 | 1866.8 | 1965.0 | 2069.7 | 2188.1 | 2287.2 | 2392.7 |
| 20° | 1357.5 | 1442.7 | 1548.3 | 1661.9 | 1779.0 | 1904.2 | 2015.9 | 2141.7 | 2271.0 | 2368.4 | 2503.7 |
| 22.5° | 1337.4 | 1434.0 | 1547.7 | 1674.4 | 1799.6 | 1929.1 | 2059.7 | 2186.6 | 2335.9 | 2470.1 | 2599.0 |
| 25° | 1304.7 | 1412.9 | 1530.7 | 1672.1 | 1818.9 | 1948.9 | 2105.1 | 2273.6 | 2429.3 | 2601.9 | 2730.4 |
| 27.5° | 1270.2 | 1385.9 | 1503.8 | 1635.4 | 1793.3 | 1947.5 | 2144.1 | 2334.5 | 2524.8 | 2673.8 | 2769.0 |
| 30° | 1243.7 | 1356.1 | 1477.9 | 1610.5 | 1766.8 | 1950.2 | 2170.1 | 2377.8 | 2563.3 | 2691.1 | 2744.6 |
| 32.5° | 1215.0 | 1329.0 | 1436.8 | 1575.9 | 1742.4 | 1948.5 | 2186.3 | 2403.3 | 2565.4 | 2650.6 | 2640.2 |
| 35° | 1170.0 | 1265.4 | 1370.3 | 1504.3 | 1700.5 | 1936.6 | 2195.8 | 2405.5 | 2505.1 | 2486.8 | 2348.7 |
| 37.5° | 1105.0 | 1185.3 | 1288.6 | 1435.2 | 1651.7 | 1911.6 | 2176.9 | 2334.3 | 2327.8 | 2179.0 | 1979.0 |
| 40° | 1064.5 | 1132.7 | 1232.3 | 1386.6 | 1613.9 | 1895.4 | 2147.1 | 2249.3 | 2162.7 | 1954.9 | 1715.4 |
| 42.5° | 1011.3 | 1074.3 | 1173.8 | 1332.4 | 1572.2 | 1862.3 | 2090.2 | 2119.9 | 1950.4 | 1711.3 | 1491.8 |
| 45° | 929.1 | 984.6 | 1087.4 | 1251.2 | 1509.7 | 1790.4 | 1951.5 | 1879.1 | 1651.1 | 1404.1 | 1237.0 |
| 47.5° | 840.7 | 898.4 | 997.3 | 1165.5 | 1419.3 | 1682.4 | 1759.1 | 1605.1 | 1371.0 | 1170.6 | 1017.2 |
| 50° | 785.0 | 840.4 | 937.2 | 1107.1 | 1358.1 | 1593.5 | 1625.4 | 1426.4 | 1211.3 | 1035.4 | 909.5 |
| 52.5° | 728.7 | 780.9 | 876.1 | 1046.4 | 1286.7 | 1490.7 | 1471.1 | 1268.3 | 1070.5 | 920.6 | 821.7 |
| 55° | 644.9 | 694.3 | 785.0 | 944.6 | 1163.2 | 1324.9 | 1253.9 | 1060.3 | 896.6 | 780.2 | 705.1 |
| 57.5° | 569.9 | 617.3 | 695.5 | 839.7 | 1029.8 | 1140.9 | 1050.5 | 887.4 | 757.2 | 667.6 | 611.6 |
| 60° | 519.0 | 560.9 | 635.4 | 769.4 | 934.5 | 1019.1 | 929.8 | 785.7 | 676.0 | 604.2 | 554.2 |
| 62.5° | 470.8 | 507.4 | 576.4 | 697.9 | 841.4 | 912.4 | 822.0 | 700.1 | 606.7 | 543.1 | 500.6 |
| 65° | 397.9 | 431.0 | 492.0 | 586.7 | 704.4 | 751.8 | 674.0 | 575.1 | 502.7 | 455.4 | 427.0 |
| 67.5° | 331.3 | 359.5 | 412.1 | 486.6 | 573.3 | 607.8 | 548.5 | 472.1 | 417.5 | 379.4 | 356.9 |
| 70° | 286.9 | 311.3 | 352.6 | 416.8 | 495.3 | 521.7 | 466.2 | 403.3 | 363.3 | 332.9 | 311.9 |
| 72.5° | 249.5 | 267.4 | 304.9 | 354.6 | 420.1 | 441.1 | 402.3 | 347.0 | 309.8 | 286.9 | 270.3 |
| 75° | 190.1 | 205.0 | 229.4 | 269.3 | 314.7 | 326.8 | 297.7 | 263.2 | 238.2 | 222.0 | 209.1 |
| 77.5° | 137.1 | 148.1 | 165.7 | 190.3 | 221.7 | 232.6 | 214.2 | 191.2 | 173.0 | 162.0 | 154.8 |
| 80° | 103.5 | 112.4 | 127.3 | 147.5 | 166.4 | 172.5 | 161.7 | 144.1 | 131.3 | 125.2 | 119.1 |
| 82.5° | 76.5 | 81.5 | 90.4 | 104.2 | 117.2 | 124.4 | 115.2 | 104.6 | 97.7 | 92.1 | 89.9 |
| 85° | 38.6 | 41.2 | 45.4 | 50.7 | 58.9 | 61.6 | 58.2 | 55.4 | 51.4 | 48.0 | 48.0 |
| 87.5° | 14.4 | 14.6 | 16.4 | 17.7 | 20.1 | 22.0 | 21.8 | 21.0 | 20.8 | 20.3 | 19.9 |
| 90° | 1.5 | 2.7 | 3.8 | 4.8 | 6.1 | 7.5 | 9.0 | 10.3 | 11.8 | 12.2 | 12.7 |
| 92.5° | 12.7 | 13.3 | 14.1 | 14.9 | 15.7 | 16.4 | 17.2 | 18.1 | 18.9 | 19.2 | 19.5 |
| 95° | 29.7 | 30.5 | 31.3 | 32.0 | 32.9 | 33.8 | 34.6 | 35.5 | 36.3 | 36.8 | 37.2 |
| 97.5° | 52.0 | 52.6 | 53.2 | 53.7 | 54.3 | 54.9 | 55.6 | 56.2 | 56.9 | 57.3 | 57.9 |
| 100° | 67.4 | 68.1 | 68.8 | 69.4 | 70.0 | 70.5 | 71.1 | 71.6 | 72.2 | 72.5 | 72.8 |
| 102.5° | 84.9 | 85.2 | 85.7 | 86.0 | 86.6 | 87.3 | 88.1 | 88.8 | 89.5 | 89.8 | 90.1 |
| 105° | 110.7 | 110.9 | 111.2 | 111.4 | 111.9 | 113.0 | 113.9 | 114.9 | 115.9 | 115.9 | 115.9 |
| 107.5° | 140.9 | 141.0 | 141.1 | 141.3 | 141.5 | 141.9 | 142.3 | 142.8 | 143.1 | 143.4 | 143.8 |
| 110° | 159.8 | 160.1 | 160.2 | 160.5 | 160.7 | 160.9 | 161.2 | 161.4 | 161.6 | 162.0 | 162.5 |



TEST NUMBER: P332055-935

CATALOG NUMBER: S123DIP-S1165D585U935-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 179.3 | 179.5 | 179.6 | 179.8 | 179.9 | 179.9 | 179.9 | 180.0 | 180.0 | 180.6 | 181.1 |
| 115° | 209.1 | 209.4 | 209.7 | 210.0 | 210.1 | 209.8 | 209.7 | 209.4 | 209.2 | 209.3 | 209.4 |
| 117.5° | 238.6 | 238.8 | 239.0 | 239.3 | 239.2 | 238.9 | 238.7 | 238.4 | 238.1 | 238.1 | 238.1 |
| 120° | 257.5 | 258.1 | 258.8 | 259.5 | 259.5 | 259.0 | 258.5 | 257.9 | 257.4 | 257.3 | 257.1 |
| 122.5° | 276.6 | 277.1 | 277.5 | 278.0 | 278.1 | 277.8 | 277.6 | 277.2 | 277.0 | 276.7 | 276.4 |
| 125° | 305.8 | 306.1 | 306.4 | 306.8 | 306.9 | 306.6 | 306.4 | 306.2 | 306.0 | 305.5 | 305.1 |
| 127.5° | 333.3 | 334.0 | 334.7 | 335.4 | 335.6 | 335.4 | 335.1 | 334.8 | 334.7 | 334.1 | 333.4 |
| 130° | 351.5 | 352.4 | 353.3 | 354.1 | 354.4 | 354.1 | 353.8 | 353.4 | 353.1 | 352.7 | 352.2 |
| 132.5° | 369.6 | 370.5 | 371.3 | 372.2 | 372.6 | 372.3 | 372.0 | 371.8 | 371.6 | 371.0 | 370.5 |
| 135° | 397.0 | 397.6 | 398.3 | 398.9 | 399.2 | 399.1 | 399.0 | 398.9 | 398.8 | 398.4 | 397.9 |
| 137.5° | 422.4 | 422.9 | 423.5 | 424.0 | 424.5 | 424.7 | 425.0 | 425.3 | 425.6 | 425.2 | 424.6 |
| 140° | 440.1 | 440.7 | 441.2 | 441.7 | 442.0 | 442.1 | 442.3 | 442.4 | 442.5 | 442.4 | 442.3 |
| 142.5° | 456.2 | 456.8 | 457.3 | 457.8 | 458.2 | 458.4 | 458.6 | 458.8 | 459.0 | 458.9 | 458.7 |
| 145° | 481.0 | 481.2 | 481.5 | 481.6 | 481.9 | 482.2 | 482.6 | 482.9 | 483.3 | 483.1 | 483.0 |
| 147.5° | 503.2 | 503.6 | 503.9 | 504.4 | 504.7 | 505.1 | 505.3 | 505.7 | 505.9 | 505.9 | 505.9 |
| 150° | 518.3 | 518.6 | 518.8 | 519.0 | 519.2 | 519.4 | 519.6 | 519.9 | 520.0 | 520.0 | 520.0 |
| 152.5° | 531.0 | 531.3 | 531.6 | 531.9 | 532.1 | 532.3 | 532.4 | 532.5 | 532.6 | 532.8 | 533.0 |
| 155° | 550.5 | 550.5 | 550.5 | 550.5 | 550.6 | 550.7 | 550.8 | 551.0 | 551.0 | 551.5 | 551.9 |
| 157.5° | 567.3 | 567.1 | 567.1 | 566.9 | 566.9 | 567.0 | 567.1 | 567.1 | 567.2 | 567.7 | 568.2 |
| 160° | 577.8 | 577.6 | 577.4 | 577.1 | 577.0 | 577.0 | 577.0 | 577.0 | 577.0 | 577.6 | 578.2 |
| 162.5° | 587.1 | 586.9 | 586.5 | 586.3 | 586.2 | 586.3 | 586.3 | 586.4 | 586.5 | 587.0 | 587.5 |
| 165° | 599.3 | 599.0 | 598.7 | 598.3 | 598.1 | 598.1 | 598.1 | 598.1 | 598.1 | 598.8 | 599.5 |
| 167.5° | 608.9 | 608.5 | 608.0 | 607.6 | 607.4 | 607.5 | 607.6 | 607.7 | 607.8 | 608.5 | 609.2 |
| 170° | 614.4 | 614.0 | 613.5 | 613.1 | 612.9 | 612.9 | 612.9 | 612.9 | 612.9 | 613.6 | 614.4 |
| 172.5° | 618.7 | 618.3 | 617.9 | 617.4 | 617.3 | 617.3 | 617.3 | 617.3 | 617.3 | 617.9 | 618.5 |
| 175° | 623.3 | 622.8 | 622.4 | 622.0 | 621.7 | 621.7 | 621.7 | 621.7 | 621.7 | 622.4 | 623.0 |
| 177.5° | 625.3 | 624.9 | 624.5 | 624.1 | 624.0 | 624.0 | 624.0 | 624.0 | 624.0 | 624.5 | 625.1 |
| 180° | 625.2 | 625.2 | 625.2 | 625.2 | 625.2 | 625.2 | 625.2 | 625.2 | 625.2 | 625.2 | 625.2 |



TEST NUMBER: P332055-935

CATALOG NUMBER: S123DIP-S1165D585U935-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1396.6 | 1396.6 | 1396.6 | 1396.6 | 1396.6 | 1396.6 | 1396.6 |
| 2.5° | 1469.7 | 1470.2 | 1476.3 | 1480.6 | 1478.4 | 1481.1 | 1482.2 |
| 5° | 1605.8 | 1630.1 | 1643.0 | 1652.4 | 1653.1 | 1653.8 | 1659.2 |
| 7.5° | 1798.6 | 1824.7 | 1843.8 | 1872.8 | 1881.5 | 1891.3 | 1888.4 |
| 10° | 1939.4 | 1977.9 | 2011.1 | 2028.7 | 2047.6 | 2075.4 | 2053.1 |
| 12.5° | 2070.9 | 2139.2 | 2189.7 | 2217.1 | 2234.9 | 2240.5 | 2229.6 |
| 15° | 2287.8 | 2377.1 | 2425.2 | 2423.9 | 2484.8 | 2511.2 | 2469.9 |
| 17.5° | 2486.8 | 2569.2 | 2635.3 | 2669.1 | 2719.8 | 2731.1 | 2725.9 |
| 20° | 2608.6 | 2698.6 | 2750.0 | 2808.2 | 2834.6 | 2858.3 | 2862.3 |
| 22.5° | 2713.6 | 2794.4 | 2849.7 | 2898.0 | 2920.2 | 2931.4 | 2938.2 |
| 25° | 2821.8 | 2885.4 | 2918.5 | 2935.4 | 2941.5 | 2940.1 | 2931.4 |
| 27.5° | 2814.3 | 2819.2 | 2782.7 | 2746.8 | 2714.7 | 2678.6 | 2666.1 |
| 30° | 2741.3 | 2684.3 | 2582.9 | 2525.4 | 2440.8 | 2373.8 | 2400.8 |
| 32.5° | 2549.1 | 2435.9 | 2321.9 | 2196.2 | 2092.1 | 2062.5 | 2032.7 |
| 35° | 2175.5 | 1976.6 | 1860.2 | 1724.8 | 1670.7 | 1616.6 | 1579.3 |
| 37.5° | 1760.1 | 1606.2 | 1468.1 | 1379.6 | 1325.3 | 1291.1 | 1272.7 |
| 40° | 1521.8 | 1383.1 | 1269.5 | 1197.7 | 1156.4 | 1117.8 | 1112.5 |
| 42.5° | 1331.9 | 1202.9 | 1117.3 | 1060.2 | 1020.5 | 1004.2 | 992.3 |
| 45° | 1090.8 | 1000.8 | 943.3 | 902.7 | 876.3 | 866.2 | 852.6 |
| 47.5° | 923.3 | 859.6 | 816.5 | 788.8 | 769.0 | 761.4 | 760.3 |
| 50° | 829.6 | 776.8 | 745.0 | 723.3 | 707.8 | 705.1 | 694.3 |
| 52.5° | 759.2 | 713.5 | 688.7 | 669.8 | 658.6 | 651.0 | 647.7 |
| 55° | 659.1 | 628.6 | 606.3 | 595.5 | 586.7 | 579.2 | 579.2 |
| 57.5° | 576.7 | 551.2 | 536.5 | 527.3 | 524.5 | 519.3 | 515.9 |
| 60° | 525.8 | 504.1 | 492.7 | 484.5 | 479.1 | 479.7 | 473.6 |
| 62.5° | 476.0 | 461.9 | 450.9 | 442.8 | 436.4 | 436.4 | 436.9 |
| 65° | 405.4 | 394.5 | 386.4 | 383.7 | 379.6 | 374.9 | 376.3 |
| 67.5° | 343.5 | 333.3 | 327.0 | 322.4 | 321.0 | 318.5 | 322.4 |
| 70° | 299.1 | 291.6 | 286.9 | 282.8 | 281.5 | 282.1 | 285.6 |
| 72.5° | 258.5 | 253.2 | 250.1 | 248.2 | 245.2 | 245.4 | 247.6 |
| 75° | 203.0 | 199.0 | 196.2 | 194.2 | 193.6 | 193.6 | 193.6 |
| 77.5° | 149.1 | 148.2 | 147.0 | 144.0 | 144.1 | 144.9 | 145.1 |
| 80° | 117.8 | 115.7 | 115.0 | 113.7 | 111.7 | 110.3 | 113.7 |
| 82.5° | 88.0 | 85.9 | 85.2 | 85.0 | 81.9 | 81.6 | 84.5 |
| 85° | 47.4 | 45.4 | 46.0 | 45.4 | 45.4 | 44.7 | 44.7 |
| 87.5° | 19.4 | 18.9 | 18.5 | 19.0 | 18.6 | 18.1 | 19.2 |
| 90° | 13.1 | 13.5 | 13.9 | 14.1 | 14.3 | 14.6 | 14.7 |
| 92.5° | 19.9 | 20.2 | 20.4 | 20.2 | 20.1 | 20.0 | 19.8 |
| 95° | 37.6 | 38.1 | 38.3 | 38.3 | 38.3 | 38.3 | 38.3 |
| 97.5° | 58.4 | 58.9 | 59.1 | 59.1 | 59.0 | 59.0 | 58.9 |
| 100° | 73.2 | 73.5 | 73.8 | 74.0 | 74.2 | 74.4 | 74.6 |
| 102.5° | 90.5 | 90.7 | 90.9 | 90.9 | 90.8 | 90.8 | 90.7 |
| 105° | 115.9 | 115.9 | 116.0 | 116.2 | 116.4 | 116.7 | 116.9 |
| 107.5° | 144.1 | 144.5 | 144.6 | 144.5 | 144.4 | 144.2 | 144.1 |
| 110° | 162.9 | 163.3 | 163.4 | 163.2 | 163.0 | 162.8 | 162.6 |



TEST NUMBER: P332055-935

CATALOG NUMBER: S123DIP-S1165D585U935-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 181.6 | 182.1 | 182.4 | 182.4 | 182.3 | 182.3 | 182.2 |
| 115° | 209.6 | 209.7 | 209.7 | 209.6 | 209.4 | 209.3 | 209.2 |
| 117.5° | 238.0 | 238.0 | 237.8 | 237.5 | 237.2 | 236.9 | 236.6 |
| 120° | 257.0 | 256.9 | 256.8 | 256.5 | 256.3 | 256.1 | 255.9 |
| 122.5° | 276.1 | 275.9 | 275.5 | 275.3 | 274.9 | 274.7 | 274.3 |
| 125° | 304.6 | 304.2 | 303.8 | 303.3 | 302.9 | 302.5 | 302.0 |
| 127.5° | 332.8 | 332.2 | 331.7 | 331.1 | 330.6 | 330.1 | 329.6 |
| 130° | 351.8 | 351.4 | 350.8 | 350.0 | 349.2 | 348.4 | 347.7 |
| 132.5° | 370.0 | 369.5 | 368.9 | 368.3 | 367.7 | 367.1 | 366.5 |
| 135° | 397.4 | 397.0 | 396.7 | 396.5 | 396.2 | 396.1 | 395.8 |
| 137.5° | 424.2 | 423.8 | 423.4 | 422.9 | 422.5 | 422.1 | 421.6 |
| 140° | 442.1 | 442.0 | 441.6 | 440.8 | 440.1 | 439.3 | 438.6 |
| 142.5° | 458.7 | 458.6 | 458.2 | 457.6 | 457.0 | 456.4 | 455.8 |
| 145° | 482.9 | 482.8 | 482.5 | 482.1 | 481.6 | 481.2 | 480.8 |
| 147.5° | 505.9 | 505.9 | 505.6 | 505.0 | 504.3 | 503.7 | 503.0 |
| 150° | 520.0 | 520.0 | 519.8 | 519.1 | 518.4 | 517.8 | 517.1 |
| 152.5° | 533.2 | 533.4 | 533.1 | 532.6 | 532.0 | 531.5 | 530.9 |
| 155° | 552.3 | 552.8 | 552.6 | 551.8 | 551.0 | 550.4 | 549.6 |
| 157.5° | 568.6 | 569.0 | 568.9 | 568.3 | 567.7 | 567.1 | 566.5 |
| 160° | 578.7 | 579.2 | 579.3 | 578.9 | 578.4 | 578.0 | 577.6 |
| 162.5° | 588.1 | 588.7 | 588.6 | 587.9 | 587.2 | 586.5 | 585.8 |
| 165° | 600.1 | 600.8 | 600.7 | 599.9 | 599.2 | 598.5 | 597.7 |
| 167.5° | 609.8 | 610.5 | 610.5 | 609.8 | 609.2 | 608.5 | 607.8 |
| 170° | 615.2 | 616.0 | 616.0 | 615.2 | 614.4 | 613.6 | 612.9 |
| 172.5° | 619.2 | 619.9 | 619.9 | 619.1 | 618.4 | 617.6 | 616.8 |
| 175° | 623.7 | 624.4 | 624.3 | 623.5 | 622.8 | 622.0 | 621.2 |
| 177.5° | 625.6 | 626.1 | 626.0 | 625.4 | 624.8 | 624.2 | 623.6 |
| 180° | 625.2 | 625.2 | 625.2 | 625.2 | 625.2 | 625.2 | 625.2 |

(END OF REPORT)