

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: P332056-930

Luminaire Tested: **S123DIP-S1165D585U930-4F0-1E-UDD-A4**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P332056-930
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-17,
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: S123DIP-S1165D585U930-4F0-1E-UDD-A4
Description: DEFINE 3 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 1165 LUMENS PER FOOT, ASYMMETRIC DIFFUSER
UPLIGHT 585 LUMENS PER FOOT, BATWING OPTIC
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

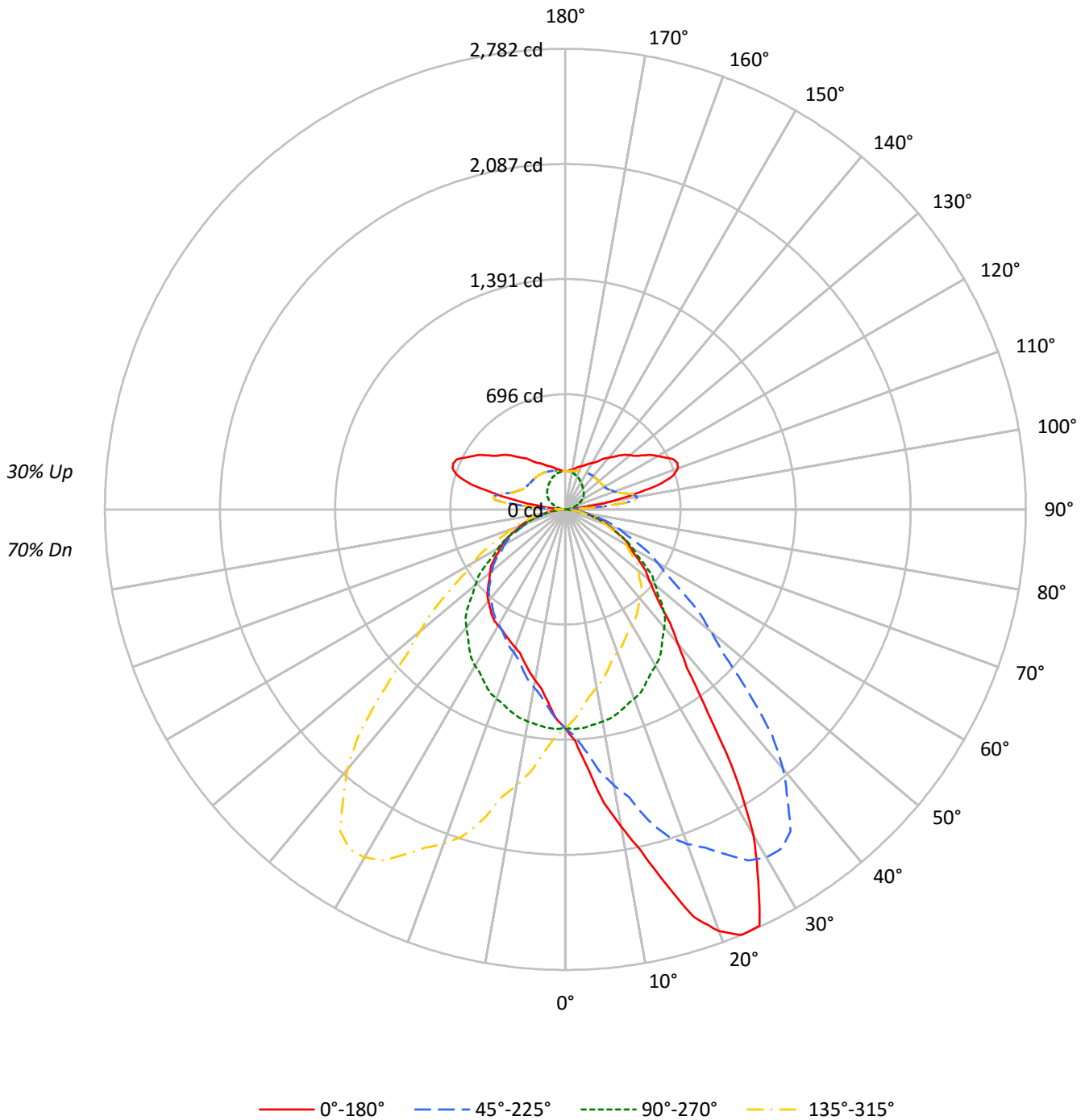
Lumens per Lamp: N/A
Luminaire Lumens: 5721.8 lumens
Efficiency: N/A
Efficacy: 103.8 lumens/watt
Spacing Criteria (0/90/45): 1.37 / 1.23 / 1.49
Luminous Opening: Rectangular (W 4' x L: 0.25' x H: 0')
CIE Type: Semi-Direct

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: P332056-930
CATALOG NUMBER: S123DIP-S1165D585U930-4F0-1E-UDD-A4

Luminous Intensity Polar Plot





TEST NUMBER: P332056-930

CATALOG NUMBER: S123DIP-S1165D585U930-4F0-1E-UDD-A4

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 | 0 | |
| RCR | | | | | | | | | | | | | | | | | | | | | | |
| 0 | 112 | 112 | 112 | 112 | 106 | 106 | 106 | 106 | 94 | 94 | 94 | 84 | 84 | 84 | 74 | 74 | 74 | 70 | | | | |
| 1 | 103 | 98 | 94 | 91 | 97 | 93 | 90 | 87 | 83 | 81 | 78 | 75 | 73 | 71 | 66 | 65 | 64 | 60 | | | | |
| 2 | 94 | 86 | 80 | 75 | 88 | 82 | 76 | 72 | 74 | 69 | 66 | 66 | 63 | 60 | 59 | 56 | 54 | 50 | | | | |
| 3 | 86 | 76 | 69 | 63 | 81 | 72 | 66 | 60 | 65 | 60 | 56 | 59 | 54 | 51 | 52 | 49 | 46 | 43 | | | | |
| 4 | 79 | 68 | 60 | 54 | 74 | 64 | 57 | 52 | 58 | 52 | 48 | 52 | 48 | 44 | 47 | 43 | 40 | 37 | | | | |
| 5 | 72 | 61 | 52 | 46 | 68 | 58 | 50 | 45 | 52 | 46 | 41 | 47 | 42 | 38 | 42 | 38 | 35 | 32 | | | | |
| 6 | 67 | 55 | 46 | 40 | 63 | 52 | 44 | 39 | 47 | 41 | 36 | 43 | 38 | 34 | 39 | 34 | 31 | 29 | | | | |
| 7 | 62 | 49 | 41 | 36 | 58 | 47 | 40 | 34 | 43 | 37 | 32 | 39 | 34 | 30 | 35 | 31 | 28 | 25 | | | | |
| 8 | 58 | 45 | 37 | 32 | 54 | 43 | 36 | 31 | 39 | 33 | 29 | 36 | 31 | 27 | 32 | 28 | 25 | 23 | | | | |
| 9 | 54 | 41 | 34 | 28 | 51 | 39 | 32 | 27 | 36 | 30 | 26 | 33 | 28 | 24 | 30 | 26 | 23 | 21 | | | | |
| 10 | 50 | 38 | 30 | 26 | 48 | 36 | 29 | 25 | 33 | 27 | 23 | 30 | 25 | 22 | 28 | 24 | 20 | 19 | | | | |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 14235 | 14235 | 14235 | 14235 |
| 5° | 16977 | 14296 | 12670 | 14296 |
| 10° | 21249 | 14224 | 11444 | 14224 |
| 15° | 26063 | 14110 | 10653 | 14110 |
| 20° | 31047 | 13931 | 10143 | 13931 |
| 25° | 32967 | 13713 | 10030 | 13713 |
| 30° | 28256 | 13554 | 10082 | 13554 |
| 35° | 19651 | 13328 | 10188 | 13328 |
| 40° | 14802 | 13065 | 10156 | 13065 |
| 45° | 12291 | 12670 | 10027 | 12670 |
| 50° | 11010 | 11868 | 9937 | 11868 |
| 55° | 10293 | 11003 | 9813 | 11003 |
| 60° | 9655 | 10097 | 9711 | 10097 |
| 65° | 9075 | 9205 | 9401 | 9205 |
| 70° | 8510 | 8189 | 8954 | 8189 |
| 75° | 7623 | 7170 | 8210 | 7170 |
| 80° | 6670 | 5876 | 7073 | 5876 |
| 85° | 5224 | 4273 | 4755 | 4273 |



TEST NUMBER: P332056-930

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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 130.3 | 2.3 |
| 10°-20° | 417.7 | 7.3 |
| 20°-30° | 701.1 | 12.3 |
| 30°-40° | 793.9 | 13.9 |
| 40°-50° | 711.9 | 12.4 |
| 50°-60° | 574.5 | 10.0 |
| 60°-70° | 400.3 | 7.0 |
| 70°-80° | 210.4 | 3.7 |
| 80°-90° | 53.2 | 0.9 |
| 90°-100° | 127.8 | 2.2 |
| 100°-110° | 362.0 | 6.3 |
| 110°-120° | 356.1 | 6.2 |
| 120°-130° | 284.0 | 5.0 |
| 130°-140° | 224.0 | 3.9 |
| 140°-150° | 167.1 | 2.9 |
| 150°-160° | 116.5 | 2.0 |
| 160°-170° | 68.4 | 1.2 |
| 170°-180° | 22.3 | 0.4 |
| 0°-30° | 1249.1 | 21.8 |
| 0°-40° | 2043.0 | 35.7 |
| 0°-60° | 3329.4 | 58.2 |
| 0°-90° | 3993.4 | 69.8 |
| 90°-120° | 846.0 | 14.8 |
| 90°-150° | 1521.1 | 26.6 |
| 90°-180° | 1728.0 | 30.2 |
| 0°-180° | 5721.8 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 1322 | 1322 | 1322 | 1322 | 1322 | |
| 5° | 1571 | 1323 | 1173 | 1323 | 1571 | 163 |
| 15° | 2339 | 1266 | 956 | 1266 | 2339 | 675 |
| 25° | 2776 | 1155 | 844 | 1155 | 2776 | 1217 |
| 35° | 1496 | 1014 | 775 | 1014 | 1496 | 972 |
| 45° | 807 | 832 | 659 | 832 | 807 | 639 |
| 55° | 548 | 586 | 523 | 586 | 548 | 492 |
| 65° | 356 | 361 | 369 | 361 | 356 | 355 |
| 75° | 183 | 172 | 197 | 172 | 183 | 196 |
| 85° | 42 | 35 | 38 | 35 | 42 | 50 |
| 90° | 14 | 1 | 14 | 1 | 14 | 9 |
| 95° | 54 | 16 | 54 | 16 | 54 | 97 |
| 105° | 592 | 54 | 592 | 54 | 592 | 584 |
| 115° | 719 | 95 | 719 | 95 | 719 | 699 |
| 125° | 567 | 133 | 567 | 133 | 567 | 514 |
| 135° | 460 | 155 | 460 | 155 | 460 | 357 |
| 145° | 360 | 177 | 360 | 177 | 360 | 229 |
| 155° | 298 | 201 | 298 | 201 | 298 | 139 |
| 165° | 260 | 220 | 260 | 220 | 260 | 74 |
| 175° | 234 | 229 | 234 | 229 | 234 | 23 |
| 180° | 230 | 230 | 230 | 230 | 230 | |



TEST NUMBER: P332056-930

CATALOG NUMBER: S123DIP-S1165D585U930-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1322.5 | 1322.5 | 1322.5 | 1322.5 | 1322.5 | 1322.5 | 1322.5 | 1322.5 | 1322.5 | 1322.5 | 1322.5 |
| 2.5° | 1403.5 | 1402.5 | 1400.0 | 1402.0 | 1397.9 | 1392.2 | 1391.7 | 1386.6 | 1371.7 | 1370.7 | 1366.6 |
| 5° | 1571.2 | 1566.0 | 1565.4 | 1564.7 | 1555.8 | 1543.6 | 1520.5 | 1518.6 | 1487.8 | 1472.4 | 1453.9 |
| 7.5° | 1788.2 | 1790.9 | 1781.6 | 1773.4 | 1746.0 | 1727.9 | 1703.2 | 1671.5 | 1633.7 | 1595.4 | 1569.9 |
| 10° | 1944.1 | 1965.2 | 1938.9 | 1921.0 | 1904.4 | 1872.9 | 1836.5 | 1790.9 | 1745.4 | 1692.2 | 1651.9 |
| 12.5° | 2111.2 | 2121.6 | 2116.3 | 2099.4 | 2073.5 | 2025.7 | 1961.0 | 1910.9 | 1869.0 | 1780.5 | 1744.7 |
| 15° | 2338.8 | 2377.9 | 2352.9 | 2295.2 | 2296.5 | 2251.0 | 2166.4 | 2073.5 | 2024.1 | 1946.6 | 1840.9 |
| 17.5° | 2581.2 | 2586.1 | 2575.4 | 2527.4 | 2495.4 | 2432.9 | 2354.8 | 2265.7 | 2165.8 | 2072.0 | 1959.8 |
| 20° | 2710.4 | 2706.5 | 2684.1 | 2659.2 | 2604.1 | 2555.4 | 2470.1 | 2370.8 | 2242.6 | 2150.4 | 2028.0 |
| 22.5° | 2782.2 | 2775.8 | 2765.2 | 2744.2 | 2698.4 | 2646.1 | 2569.6 | 2461.1 | 2339.0 | 2211.9 | 2070.5 |
| 25° | 2775.8 | 2784.1 | 2785.4 | 2779.6 | 2763.6 | 2732.2 | 2672.0 | 2585.5 | 2463.8 | 2300.4 | 2153.0 |
| 27.5° | 2524.6 | 2536.4 | 2570.6 | 2601.0 | 2635.0 | 2669.5 | 2664.9 | 2622.0 | 2531.9 | 2390.8 | 2210.6 |
| 30° | 2273.4 | 2247.8 | 2311.2 | 2391.4 | 2445.8 | 2541.9 | 2595.7 | 2598.9 | 2548.3 | 2427.2 | 2251.6 |
| 32.5° | 1924.8 | 1953.0 | 1981.1 | 2079.7 | 2198.7 | 2306.6 | 2413.8 | 2500.0 | 2509.9 | 2429.3 | 2275.7 |
| 35° | 1495.5 | 1530.8 | 1582.0 | 1633.3 | 1761.5 | 1871.7 | 2060.0 | 2224.1 | 2354.8 | 2372.1 | 2277.9 |
| 37.5° | 1205.2 | 1222.5 | 1255.0 | 1306.4 | 1390.2 | 1520.9 | 1666.6 | 1874.0 | 2063.4 | 2204.2 | 2210.4 |
| 40° | 1053.4 | 1058.5 | 1095.0 | 1134.2 | 1202.1 | 1309.7 | 1441.0 | 1624.3 | 1851.1 | 2047.9 | 2129.9 |
| 42.5° | 939.6 | 950.9 | 966.4 | 1004.0 | 1058.0 | 1139.1 | 1261.2 | 1412.6 | 1620.5 | 1846.9 | 2007.3 |
| 45° | 807.4 | 820.2 | 829.8 | 854.8 | 893.2 | 947.7 | 1032.9 | 1171.3 | 1329.6 | 1563.4 | 1779.4 |
| 47.5° | 720.0 | 721.0 | 728.1 | 747.0 | 773.1 | 814.0 | 874.2 | 963.2 | 1108.5 | 1298.2 | 1519.9 |
| 50° | 657.5 | 667.6 | 670.3 | 684.9 | 705.5 | 735.6 | 785.5 | 861.2 | 980.4 | 1147.0 | 1350.7 |
| 52.5° | 613.3 | 616.4 | 623.6 | 634.2 | 652.2 | 675.6 | 718.9 | 778.1 | 871.7 | 1013.7 | 1201.0 |
| 55° | 548.5 | 548.5 | 555.5 | 563.9 | 574.1 | 595.3 | 624.1 | 667.6 | 738.8 | 849.0 | 1004.0 |
| 57.5° | 488.5 | 491.7 | 496.7 | 499.3 | 508.0 | 522.0 | 546.1 | 579.1 | 632.2 | 717.0 | 840.3 |
| 60° | 448.5 | 454.3 | 453.6 | 458.8 | 466.5 | 477.4 | 497.9 | 524.8 | 572.2 | 640.1 | 744.0 |
| 62.5° | 413.7 | 413.3 | 413.2 | 419.3 | 427.0 | 437.4 | 450.7 | 474.0 | 514.3 | 574.5 | 662.9 |
| 65° | 356.3 | 355.0 | 359.5 | 363.3 | 365.9 | 373.6 | 383.8 | 404.3 | 431.2 | 476.1 | 544.6 |
| 67.5° | 305.2 | 301.6 | 303.9 | 305.2 | 309.7 | 315.6 | 325.2 | 337.9 | 359.3 | 395.3 | 447.0 |
| 70° | 270.4 | 267.2 | 266.5 | 267.8 | 271.7 | 276.1 | 283.2 | 295.4 | 315.3 | 344.1 | 381.9 |
| 72.5° | 234.5 | 232.4 | 232.2 | 235.1 | 236.8 | 239.8 | 244.8 | 255.9 | 271.7 | 293.3 | 328.6 |
| 75° | 183.3 | 183.3 | 183.3 | 183.9 | 185.8 | 188.4 | 192.2 | 198.0 | 210.2 | 225.5 | 249.2 |
| 77.5° | 137.4 | 137.2 | 136.5 | 136.3 | 139.2 | 140.3 | 141.2 | 146.6 | 153.4 | 163.8 | 181.1 |
| 80° | 107.6 | 104.4 | 105.7 | 107.6 | 108.9 | 109.6 | 111.5 | 112.8 | 118.5 | 124.3 | 136.5 |
| 82.5° | 80.0 | 77.3 | 77.5 | 80.5 | 80.7 | 81.4 | 83.3 | 85.1 | 87.2 | 92.5 | 99.1 |
| 85° | 42.3 | 42.3 | 43.0 | 43.0 | 43.5 | 43.0 | 44.8 | 45.5 | 45.5 | 48.7 | 52.5 |
| 87.5° | 18.1 | 17.1 | 17.5 | 18.0 | 17.5 | 17.9 | 18.3 | 18.8 | 19.2 | 19.7 | 20.0 |
| 90° | 13.5 | 13.9 | 13.5 | 13.0 | 13.5 | 12.6 | 12.1 | 11.7 | 11.2 | 11.7 | 10.2 |
| 92.5° | 22.4 | 23.2 | 22.7 | 24.2 | 25.0 | 27.5 | 31.1 | 39.1 | 54.0 | 71.5 | 78.7 |
| 95° | 54.0 | 55.8 | 59.0 | 63.3 | 72.1 | 88.8 | 113.5 | 167.4 | 223.6 | 275.7 | 245.6 |
| 97.5° | 146.8 | 150.8 | 163.4 | 184.3 | 218.7 | 274.3 | 334.3 | 417.4 | 457.2 | 427.4 | 312.8 |
| 100° | 291.6 | 291.1 | 309.2 | 343.2 | 390.1 | 456.2 | 510.6 | 548.3 | 532.0 | 440.3 | 297.6 |
| 102.5° | 427.7 | 438.4 | 453.6 | 480.5 | 517.0 | 558.9 | 590.6 | 591.8 | 535.7 | 416.2 | 275.3 |
| 105° | 591.5 | 593.9 | 608.7 | 626.4 | 647.8 | 659.9 | 651.0 | 604.5 | 507.4 | 373.9 | 247.9 |
| 107.5° | 685.8 | 690.1 | 695.1 | 701.1 | 700.7 | 684.1 | 643.4 | 567.9 | 457.7 | 336.5 | 230.4 |
| 110° | 724.5 | 725.5 | 726.4 | 722.7 | 709.6 | 677.1 | 618.5 | 532.9 | 426.4 | 315.3 | 223.6 |



TEST NUMBER: P332056-930

CATALOG NUMBER: S123DIP-S1165D585U930-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 732.3 | 732.1 | 728.6 | 717.1 | 693.2 | 651.4 | 585.7 | 498.3 | 399.3 | 301.2 | 220.0 |
| 115° | 719.4 | 717.1 | 707.8 | 687.3 | 652.4 | 601.8 | 533.4 | 452.5 | 366.5 | 286.0 | 218.6 |
| 117.5° | 678.2 | 675.1 | 661.7 | 638.3 | 601.9 | 550.5 | 489.1 | 419.2 | 346.7 | 277.0 | 219.4 |
| 120° | 644.1 | 641.2 | 630.1 | 604.1 | 567.4 | 520.3 | 464.6 | 401.8 | 336.2 | 273.0 | 220.9 |
| 122.5° | 612.0 | 608.5 | 596.2 | 572.8 | 540.1 | 496.5 | 444.8 | 388.0 | 327.7 | 270.4 | 223.5 |
| 125° | 567.4 | 564.1 | 552.4 | 532.0 | 502.2 | 465.0 | 420.4 | 369.7 | 316.7 | 266.9 | 227.4 |
| 127.5° | 530.5 | 527.5 | 517.0 | 499.5 | 473.0 | 439.2 | 398.9 | 353.7 | 307.0 | 265.2 | 231.9 |
| 130° | 509.6 | 506.0 | 496.2 | 479.5 | 454.8 | 423.1 | 385.5 | 343.6 | 301.8 | 264.2 | 234.8 |
| 132.5° | 489.2 | 486.6 | 477.9 | 461.2 | 438.1 | 407.9 | 372.8 | 334.4 | 296.9 | 263.7 | 237.1 |
| 135° | 459.9 | 456.6 | 448.3 | 434.3 | 411.6 | 385.1 | 354.8 | 321.8 | 290.7 | 263.2 | 240.4 |
| 137.5° | 428.9 | 426.8 | 419.7 | 405.6 | 386.5 | 363.5 | 337.5 | 310.4 | 285.2 | 262.2 | 242.6 |
| 140° | 407.3 | 407.8 | 400.4 | 387.3 | 369.7 | 349.7 | 327.3 | 303.7 | 281.8 | 261.8 | 244.1 |
| 142.5° | 387.3 | 387.8 | 381.1 | 369.5 | 354.4 | 337.0 | 317.7 | 297.3 | 278.8 | 261.1 | 245.2 |
| 145° | 359.5 | 358.6 | 354.8 | 345.0 | 333.5 | 319.9 | 305.1 | 289.7 | 274.8 | 259.9 | 246.0 |
| 147.5° | 336.6 | 336.2 | 332.6 | 326.0 | 317.2 | 307.7 | 295.6 | 283.5 | 270.9 | 258.2 | 246.0 |
| 150° | 323.2 | 323.2 | 320.4 | 315.3 | 308.3 | 299.5 | 289.7 | 279.0 | 268.3 | 256.7 | 246.0 |
| 152.5° | 312.0 | 312.0 | 310.4 | 305.6 | 300.1 | 292.8 | 284.1 | 274.9 | 265.4 | 254.9 | 244.9 |
| 155° | 298.1 | 297.6 | 296.7 | 292.9 | 288.8 | 283.2 | 276.2 | 268.8 | 260.9 | 251.6 | 243.7 |
| 157.5° | 285.4 | 285.4 | 284.7 | 281.9 | 278.3 | 273.9 | 268.5 | 262.3 | 255.8 | 248.7 | 242.1 |
| 160° | 277.1 | 277.6 | 277.6 | 274.8 | 271.6 | 268.3 | 263.7 | 258.5 | 252.5 | 246.5 | 241.3 |
| 162.5° | 269.7 | 270.2 | 270.2 | 267.7 | 265.6 | 262.8 | 258.4 | 254.1 | 249.2 | 244.3 | 239.9 |
| 165° | 259.9 | 259.9 | 260.4 | 258.5 | 256.7 | 254.4 | 251.1 | 248.3 | 244.6 | 240.9 | 237.7 |
| 167.5° | 250.6 | 250.6 | 251.1 | 249.8 | 249.0 | 247.3 | 245.4 | 243.3 | 240.3 | 237.5 | 235.4 |
| 170° | 245.1 | 245.1 | 245.6 | 244.6 | 244.1 | 243.2 | 241.3 | 239.9 | 237.7 | 235.3 | 233.9 |
| 172.5° | 239.9 | 240.3 | 241.1 | 240.1 | 240.0 | 239.5 | 238.0 | 237.0 | 235.1 | 233.4 | 232.8 |
| 175° | 233.9 | 234.4 | 234.8 | 234.4 | 234.4 | 234.4 | 233.4 | 233.0 | 232.0 | 231.1 | 231.1 |
| 177.5° | 230.5 | 230.5 | 231.2 | 230.8 | 231.2 | 231.2 | 230.8 | 230.5 | 230.1 | 229.8 | 230.1 |
| 180° | 229.8 | 229.8 | 229.8 | 229.8 | 229.8 | 229.8 | 229.8 | 229.8 | 229.8 | 229.8 | 229.8 |



TEST NUMBER: P332056-930

CATALOG NUMBER: S123DIP-S1165D585U930-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1322.5 | 1322.5 | 1322.5 | 1322.5 | 1322.5 | 1322.5 | 1322.5 | 1322.5 | 1322.5 | 1322.5 | 1322.5 |
| 2.5° | 1363.5 | 1359.4 | 1355.4 | 1348.2 | 1342.0 | 1333.3 | 1330.7 | 1327.6 | 1318.4 | 1310.3 | 1304.1 |
| 5° | 1446.8 | 1431.4 | 1409.0 | 1388.5 | 1371.9 | 1349.5 | 1336.6 | 1323.1 | 1303.9 | 1286.6 | 1272.5 |
| 7.5° | 1534.0 | 1503.7 | 1468.8 | 1431.2 | 1396.1 | 1362.3 | 1335.0 | 1310.6 | 1283.7 | 1258.2 | 1238.4 |
| 10° | 1603.2 | 1559.6 | 1510.9 | 1458.4 | 1413.5 | 1369.9 | 1333.4 | 1301.4 | 1266.8 | 1236.6 | 1211.7 |
| 12.5° | 1682.1 | 1617.6 | 1550.4 | 1486.5 | 1433.5 | 1373.0 | 1328.8 | 1288.1 | 1248.9 | 1212.6 | 1184.5 |
| 15° | 1775.6 | 1693.5 | 1614.0 | 1526.3 | 1445.5 | 1369.9 | 1317.4 | 1266.2 | 1220.7 | 1183.5 | 1147.6 |
| 17.5° | 1860.7 | 1767.7 | 1663.0 | 1556.2 | 1458.9 | 1369.2 | 1295.6 | 1237.7 | 1180.8 | 1135.3 | 1099.5 |
| 20° | 1908.9 | 1803.1 | 1684.6 | 1573.7 | 1466.1 | 1366.1 | 1285.4 | 1216.2 | 1154.6 | 1106.6 | 1066.2 |
| 22.5° | 1950.4 | 1826.7 | 1704.1 | 1585.5 | 1465.6 | 1357.9 | 1266.4 | 1195.1 | 1128.5 | 1081.5 | 1038.5 |
| 25° | 1993.4 | 1845.4 | 1722.4 | 1583.3 | 1449.4 | 1337.9 | 1235.4 | 1154.6 | 1088.0 | 1032.9 | 988.7 |
| 27.5° | 2030.3 | 1844.1 | 1698.1 | 1548.6 | 1424.0 | 1312.3 | 1202.8 | 1116.2 | 1045.5 | 985.6 | 940.8 |
| 30° | 2054.9 | 1846.7 | 1673.0 | 1525.0 | 1399.5 | 1284.1 | 1177.7 | 1090.5 | 1016.3 | 955.4 | 913.1 |
| 32.5° | 2070.3 | 1845.1 | 1649.9 | 1492.2 | 1360.5 | 1258.4 | 1150.6 | 1060.3 | 984.0 | 924.1 | 883.4 |
| 35° | 2079.3 | 1833.9 | 1610.2 | 1424.4 | 1297.5 | 1198.2 | 1107.9 | 1014.3 | 934.3 | 878.5 | 832.3 |
| 37.5° | 2061.3 | 1810.1 | 1564.1 | 1359.0 | 1220.2 | 1122.3 | 1046.4 | 966.6 | 890.0 | 828.7 | 788.9 |
| 40° | 2033.1 | 1794.8 | 1528.2 | 1313.0 | 1166.9 | 1072.6 | 1008.0 | 929.8 | 854.1 | 795.8 | 758.6 |
| 42.5° | 1979.3 | 1763.5 | 1488.7 | 1261.7 | 1111.5 | 1017.2 | 957.7 | 892.3 | 820.8 | 766.1 | 729.0 |
| 45° | 1848.0 | 1695.4 | 1429.5 | 1184.8 | 1029.7 | 932.3 | 879.8 | 832.3 | 767.6 | 714.4 | 682.4 |
| 47.5° | 1665.7 | 1593.1 | 1343.9 | 1103.7 | 944.4 | 850.7 | 796.1 | 757.9 | 710.6 | 667.6 | 636.9 |
| 50° | 1539.1 | 1509.0 | 1286.0 | 1048.3 | 887.5 | 795.8 | 743.3 | 708.7 | 674.7 | 631.8 | 603.6 |
| 52.5° | 1393.0 | 1411.6 | 1218.4 | 990.8 | 829.6 | 739.5 | 690.0 | 662.5 | 631.7 | 596.4 | 571.9 |
| 55° | 1187.3 | 1254.6 | 1101.5 | 894.5 | 743.3 | 657.5 | 610.7 | 586.3 | 568.3 | 542.1 | 521.0 |
| 57.5° | 994.7 | 1080.4 | 975.1 | 795.2 | 658.6 | 584.5 | 539.6 | 513.1 | 501.6 | 487.9 | 471.2 |
| 60° | 880.4 | 965.0 | 884.9 | 728.6 | 601.7 | 531.2 | 491.5 | 469.0 | 457.5 | 447.9 | 433.8 |
| 62.5° | 778.4 | 864.0 | 796.7 | 660.9 | 545.8 | 480.5 | 445.8 | 424.0 | 415.0 | 409.9 | 397.9 |
| 65° | 638.2 | 711.9 | 667.0 | 555.5 | 465.9 | 408.1 | 376.7 | 361.4 | 353.0 | 351.1 | 343.5 |
| 67.5° | 519.4 | 575.5 | 542.8 | 460.8 | 390.2 | 340.4 | 313.7 | 300.7 | 294.2 | 293.6 | 287.8 |
| 70° | 441.5 | 494.0 | 469.0 | 394.7 | 333.9 | 294.7 | 271.7 | 260.2 | 256.3 | 255.7 | 252.5 |
| 72.5° | 381.0 | 417.7 | 397.8 | 335.7 | 288.7 | 253.2 | 236.3 | 224.3 | 219.9 | 220.8 | 218.7 |
| 75° | 281.9 | 309.5 | 298.0 | 255.0 | 217.2 | 194.1 | 180.0 | 172.4 | 168.5 | 170.5 | 167.9 |
| 77.5° | 202.8 | 220.3 | 209.9 | 180.2 | 156.9 | 140.2 | 129.8 | 125.1 | 121.6 | 121.5 | 120.3 |
| 80° | 153.1 | 163.4 | 157.6 | 139.7 | 120.5 | 106.4 | 98.0 | 94.8 | 92.9 | 92.3 | 91.6 |
| 82.5° | 109.1 | 117.8 | 111.0 | 98.7 | 85.6 | 77.1 | 72.4 | 68.2 | 66.8 | 67.2 | 66.5 |
| 85° | 55.1 | 58.3 | 55.8 | 48.0 | 43.0 | 39.1 | 36.5 | 34.6 | 33.3 | 34.0 | 32.7 |
| 87.5° | 20.7 | 21.0 | 19.2 | 16.9 | 15.7 | 13.9 | 13.7 | 12.5 | 11.7 | 11.8 | 11.6 |
| 90° | 8.8 | 7.4 | 6.0 | 5.1 | 4.2 | 2.8 | 1.9 | 0.9 | 1.9 | 2.8 | 4.2 |
| 92.5° | 59.0 | 39.1 | 26.9 | 20.0 | 16.1 | 12.5 | 8.6 | 5.8 | 8.6 | 12.5 | 16.1 |
| 95° | 169.3 | 100.0 | 60.4 | 42.3 | 30.2 | 22.3 | 17.2 | 15.8 | 17.2 | 22.3 | 30.2 |
| 97.5° | 185.7 | 107.6 | 69.9 | 50.2 | 38.3 | 31.5 | 27.5 | 27.0 | 27.5 | 31.5 | 38.3 |
| 100° | 175.3 | 106.5 | 73.9 | 55.8 | 44.7 | 38.2 | 34.9 | 34.4 | 34.9 | 38.2 | 44.7 |
| 102.5° | 166.4 | 107.9 | 78.8 | 62.1 | 52.1 | 46.0 | 43.0 | 42.2 | 43.0 | 46.0 | 52.1 |
| 105° | 160.0 | 112.1 | 87.0 | 72.6 | 63.7 | 58.1 | 55.4 | 54.0 | 55.4 | 58.1 | 63.7 |
| 107.5° | 159.5 | 119.7 | 97.7 | 84.3 | 76.0 | 70.5 | 67.8 | 66.4 | 67.8 | 70.5 | 76.0 |
| 110° | 161.3 | 126.0 | 105.1 | 92.0 | 84.1 | 79.1 | 76.7 | 75.3 | 76.7 | 79.1 | 84.1 |



TEST NUMBER: P332056-930

CATALOG NUMBER: S123DIP-S1165D585U930-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 165.1 | 132.3 | 112.9 | 100.3 | 92.4 | 87.2 | 85.0 | 83.5 | 85.0 | 87.2 | 92.4 |
| 115° | 171.1 | 142.8 | 125.1 | 112.5 | 104.6 | 100.0 | 97.2 | 95.3 | 97.2 | 100.0 | 104.6 |
| 117.5° | 179.1 | 153.8 | 136.3 | 124.7 | 115.9 | 111.6 | 109.3 | 107.1 | 109.3 | 111.6 | 115.9 |
| 120° | 185.1 | 160.9 | 144.1 | 132.6 | 123.7 | 119.0 | 116.8 | 115.4 | 116.8 | 119.0 | 123.7 |
| 122.5° | 190.7 | 168.4 | 152.0 | 139.6 | 131.1 | 126.1 | 123.8 | 122.4 | 123.8 | 126.1 | 131.1 |
| 125° | 199.5 | 179.0 | 162.7 | 150.2 | 141.4 | 136.2 | 133.5 | 132.6 | 133.5 | 136.2 | 141.4 |
| 127.5° | 206.8 | 188.3 | 172.6 | 160.0 | 150.3 | 145.1 | 141.6 | 140.2 | 141.6 | 145.1 | 150.3 |
| 130° | 211.6 | 193.9 | 178.6 | 166.0 | 156.2 | 150.7 | 146.5 | 145.1 | 146.5 | 150.7 | 156.2 |
| 132.5° | 216.1 | 198.8 | 183.8 | 171.6 | 161.8 | 155.2 | 150.6 | 148.8 | 150.6 | 155.2 | 161.8 |
| 135° | 221.8 | 206.0 | 191.6 | 179.0 | 169.3 | 162.3 | 157.2 | 155.3 | 157.2 | 162.3 | 169.3 |
| 137.5° | 226.1 | 211.0 | 197.1 | 185.6 | 175.9 | 168.4 | 163.4 | 161.4 | 163.4 | 168.4 | 175.9 |
| 140° | 228.4 | 214.3 | 200.9 | 189.2 | 179.9 | 172.5 | 167.9 | 165.6 | 167.9 | 172.5 | 179.9 |
| 142.5° | 230.6 | 217.0 | 203.9 | 193.0 | 183.7 | 177.0 | 171.9 | 170.0 | 171.9 | 177.0 | 183.7 |
| 145° | 233.0 | 220.5 | 208.3 | 197.6 | 189.7 | 182.8 | 178.6 | 177.2 | 178.6 | 182.8 | 189.7 |
| 147.5° | 234.5 | 223.2 | 212.1 | 203.0 | 195.4 | 189.4 | 185.2 | 184.4 | 185.2 | 189.4 | 195.4 |
| 150° | 234.8 | 225.1 | 214.3 | 206.0 | 199.5 | 193.5 | 189.7 | 189.2 | 189.7 | 193.5 | 199.5 |
| 152.5° | 235.6 | 226.2 | 217.0 | 209.0 | 203.3 | 198.0 | 194.2 | 194.1 | 194.2 | 198.0 | 203.3 |
| 155° | 235.8 | 228.4 | 220.5 | 213.9 | 208.8 | 204.2 | 201.4 | 201.4 | 201.4 | 204.2 | 208.8 |
| 157.5° | 236.3 | 229.5 | 223.2 | 218.2 | 213.9 | 209.7 | 207.5 | 207.1 | 207.5 | 209.7 | 213.9 |
| 160° | 236.3 | 230.6 | 225.1 | 220.5 | 217.2 | 213.4 | 211.6 | 211.6 | 211.6 | 213.4 | 217.2 |
| 162.5° | 235.9 | 231.1 | 226.2 | 222.3 | 219.4 | 216.5 | 214.9 | 214.9 | 214.9 | 216.5 | 219.4 |
| 165° | 234.8 | 231.5 | 227.9 | 224.6 | 222.7 | 220.5 | 219.5 | 220.0 | 219.5 | 220.5 | 222.7 |
| 167.5° | 234.1 | 231.5 | 228.8 | 226.7 | 225.4 | 223.6 | 223.2 | 223.8 | 223.2 | 223.6 | 225.4 |
| 170° | 233.0 | 231.1 | 228.8 | 227.9 | 226.9 | 225.5 | 225.1 | 226.0 | 225.1 | 225.5 | 226.9 |
| 172.5° | 232.6 | 231.1 | 229.2 | 228.6 | 228.0 | 227.1 | 226.9 | 227.5 | 226.9 | 227.1 | 228.0 |
| 175° | 231.5 | 230.6 | 229.8 | 229.3 | 229.3 | 228.4 | 228.8 | 229.3 | 228.8 | 228.4 | 229.3 |
| 177.5° | 230.8 | 230.1 | 229.8 | 229.8 | 229.8 | 229.3 | 229.8 | 230.1 | 229.8 | 229.3 | 229.8 |
| 180° | 229.8 | 229.8 | 229.8 | 229.8 | 229.8 | 229.8 | 229.8 | 229.8 | 229.8 | 229.8 | 229.8 |



TEST NUMBER: P332056-930

CATALOG NUMBER: S123DIP-S1165D585U930-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1322.5 | 1322.5 | 1322.5 | 1322.5 | 1322.5 | 1322.5 | 1322.5 | 1322.5 | 1322.5 | 1322.5 | 1322.5 |
| 2.5° | 1300.5 | 1296.9 | 1291.8 | 1284.1 | 1277.9 | 1268.2 | 1268.2 | 1269.7 | 1269.7 | 1269.3 | 1268.2 |
| 5° | 1261.0 | 1251.4 | 1239.9 | 1226.5 | 1212.4 | 1198.2 | 1195.6 | 1190.5 | 1186.7 | 1184.1 | 1181.0 |
| 7.5° | 1219.4 | 1202.3 | 1185.5 | 1166.7 | 1149.5 | 1135.3 | 1125.4 | 1117.2 | 1112.0 | 1106.4 | 1102.2 |
| 10° | 1191.2 | 1170.0 | 1150.1 | 1130.3 | 1108.5 | 1091.2 | 1080.4 | 1072.6 | 1066.9 | 1061.8 | 1059.2 |
| 12.5° | 1157.9 | 1133.7 | 1111.7 | 1092.9 | 1069.0 | 1051.2 | 1040.9 | 1037.2 | 1030.5 | 1019.7 | 1014.1 |
| 15° | 1109.1 | 1086.7 | 1060.5 | 1031.6 | 1020.1 | 998.3 | 986.1 | 980.4 | 976.5 | 968.2 | 965.6 |
| 17.5° | 1067.5 | 1038.1 | 1008.7 | 987.2 | 965.7 | 948.0 | 941.3 | 934.1 | 929.0 | 922.2 | 920.1 |
| 20° | 1034.2 | 1008.0 | 981.0 | 958.0 | 935.5 | 916.3 | 910.5 | 905.4 | 900.3 | 897.1 | 894.5 |
| 22.5° | 1000.4 | 974.1 | 951.8 | 930.3 | 906.3 | 893.7 | 887.5 | 881.8 | 878.2 | 876.0 | 873.5 |
| 25° | 952.8 | 929.8 | 904.7 | 885.5 | 866.3 | 857.9 | 854.1 | 850.9 | 848.4 | 845.1 | 844.5 |
| 27.5° | 910.3 | 885.2 | 864.9 | 846.9 | 833.2 | 826.2 | 822.5 | 820.9 | 821.5 | 822.6 | 823.4 |
| 30° | 878.5 | 855.4 | 838.8 | 823.4 | 810.6 | 804.1 | 803.5 | 803.5 | 806.1 | 806.7 | 808.0 |
| 32.5° | 849.3 | 830.3 | 813.7 | 798.7 | 789.0 | 784.6 | 787.1 | 787.1 | 789.1 | 790.8 | 793.1 |
| 35° | 806.7 | 790.0 | 777.2 | 764.4 | 756.1 | 758.0 | 759.3 | 760.6 | 763.8 | 767.6 | 770.2 |
| 37.5° | 766.1 | 751.6 | 738.3 | 728.3 | 724.5 | 727.9 | 731.0 | 733.7 | 737.4 | 740.4 | 742.9 |
| 40° | 736.9 | 725.9 | 713.1 | 704.2 | 705.5 | 707.4 | 710.0 | 713.1 | 716.4 | 718.3 | 720.9 |
| 42.5° | 709.7 | 698.3 | 688.6 | 681.1 | 682.9 | 685.3 | 686.9 | 688.6 | 692.3 | 695.8 | 697.2 |
| 45° | 668.3 | 659.3 | 650.4 | 645.9 | 647.2 | 648.5 | 649.7 | 651.7 | 654.8 | 657.5 | 658.0 |
| 47.5° | 621.8 | 615.6 | 609.5 | 605.1 | 607.2 | 606.7 | 608.4 | 612.5 | 613.4 | 615.0 | 618.6 |
| 50° | 592.1 | 586.3 | 579.3 | 578.0 | 578.0 | 578.0 | 578.6 | 583.8 | 583.8 | 586.3 | 588.9 |
| 52.5° | 559.3 | 555.5 | 551.1 | 548.8 | 547.7 | 547.7 | 550.4 | 553.0 | 554.0 | 557.6 | 560.2 |
| 55° | 510.7 | 506.9 | 503.0 | 501.1 | 499.8 | 501.1 | 506.2 | 507.4 | 510.7 | 512.6 | 514.5 |
| 57.5° | 460.1 | 457.1 | 454.0 | 453.0 | 452.7 | 454.4 | 457.2 | 461.1 | 461.9 | 467.7 | 470.7 |
| 60° | 426.7 | 422.2 | 419.7 | 419.7 | 418.4 | 424.2 | 422.9 | 429.3 | 430.6 | 434.5 | 439.0 |
| 62.5° | 392.4 | 386.4 | 385.4 | 385.4 | 387.2 | 388.8 | 390.6 | 393.5 | 396.7 | 401.6 | 405.1 |
| 65° | 337.0 | 333.9 | 338.3 | 337.7 | 336.4 | 340.2 | 340.2 | 343.5 | 347.3 | 351.8 | 358.8 |
| 67.5° | 284.6 | 283.0 | 283.3 | 283.3 | 285.3 | 287.5 | 289.3 | 292.0 | 296.7 | 301.4 | 306.1 |
| 70° | 249.2 | 251.2 | 248.0 | 250.5 | 252.5 | 253.1 | 254.4 | 258.2 | 263.3 | 266.5 | 271.7 |
| 72.5° | 214.9 | 214.7 | 215.2 | 216.2 | 218.1 | 219.2 | 220.5 | 224.9 | 230.6 | 233.3 | 237.3 |
| 75° | 165.3 | 164.7 | 166.6 | 166.6 | 169.8 | 171.0 | 172.4 | 174.3 | 179.4 | 183.3 | 186.5 |
| 77.5° | 120.7 | 121.5 | 121.1 | 123.3 | 122.4 | 122.6 | 126.6 | 128.6 | 129.1 | 136.6 | 138.3 |
| 80° | 91.0 | 92.3 | 92.9 | 93.5 | 94.2 | 92.9 | 97.4 | 99.3 | 99.3 | 103.8 | 107.0 |
| 82.5° | 65.4 | 66.1 | 67.8 | 68.4 | 68.6 | 69.9 | 70.2 | 71.7 | 73.2 | 75.1 | 79.3 |
| 85° | 32.7 | 34.6 | 35.2 | 34.6 | 35.2 | 34.0 | 35.9 | 36.5 | 37.2 | 37.2 | 37.2 |
| 87.5° | 11.3 | 12.0 | 11.7 | 12.6 | 12.3 | 13.1 | 13.0 | 12.1 | 12.1 | 13.8 | 11.9 |
| 90° | 5.1 | 6.0 | 7.4 | 8.8 | 10.2 | 11.7 | 11.2 | 11.7 | 12.1 | 12.6 | 13.5 |
| 92.5° | 20.0 | 26.9 | 39.1 | 59.0 | 78.7 | 71.5 | 54.0 | 39.1 | 31.1 | 27.5 | 25.0 |
| 95° | 42.3 | 60.4 | 100.0 | 169.3 | 245.6 | 275.7 | 223.6 | 167.4 | 113.5 | 88.8 | 72.1 |
| 97.5° | 50.2 | 69.9 | 107.6 | 185.7 | 312.8 | 427.4 | 457.2 | 417.4 | 334.3 | 274.3 | 218.7 |
| 100° | 55.8 | 73.9 | 106.5 | 175.3 | 297.6 | 440.3 | 532.0 | 548.3 | 510.6 | 456.2 | 390.1 |
| 102.5° | 62.1 | 78.8 | 107.9 | 166.4 | 275.3 | 416.2 | 535.7 | 591.8 | 590.6 | 558.9 | 517.0 |
| 105° | 72.6 | 87.0 | 112.1 | 160.0 | 247.9 | 373.9 | 507.4 | 604.5 | 651.0 | 659.9 | 647.8 |
| 107.5° | 84.3 | 97.7 | 119.7 | 159.5 | 230.4 | 336.5 | 457.7 | 567.9 | 643.4 | 684.1 | 700.7 |
| 110° | 92.0 | 105.1 | 126.0 | 161.3 | 223.6 | 315.3 | 426.4 | 532.9 | 618.5 | 677.1 | 709.6 |



TEST NUMBER: P332056-930

CATALOG NUMBER: S123DIP-S1165D585U930-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 100.3 | 112.9 | 132.3 | 165.1 | 220.0 | 301.2 | 399.3 | 498.3 | 585.7 | 651.4 | 693.2 |
| 115° | 112.5 | 125.1 | 142.8 | 171.1 | 218.6 | 286.0 | 366.5 | 452.5 | 533.4 | 601.8 | 652.4 |
| 117.5° | 124.7 | 136.3 | 153.8 | 179.1 | 219.4 | 277.0 | 346.7 | 419.2 | 489.1 | 550.5 | 601.9 |
| 120° | 132.6 | 144.1 | 160.9 | 185.1 | 220.9 | 273.0 | 336.2 | 401.8 | 464.6 | 520.3 | 567.4 |
| 122.5° | 139.6 | 152.0 | 168.4 | 190.7 | 223.5 | 270.4 | 327.7 | 388.0 | 444.8 | 496.5 | 540.1 |
| 125° | 150.2 | 162.7 | 179.0 | 199.5 | 227.4 | 266.9 | 316.7 | 369.7 | 420.4 | 465.0 | 502.2 |
| 127.5° | 160.0 | 172.6 | 188.3 | 206.8 | 231.9 | 265.2 | 307.0 | 353.7 | 398.9 | 439.2 | 473.0 |
| 130° | 166.0 | 178.6 | 193.9 | 211.6 | 234.8 | 264.2 | 301.8 | 343.6 | 385.5 | 423.1 | 454.8 |
| 132.5° | 171.6 | 183.8 | 198.8 | 216.1 | 237.1 | 263.7 | 296.9 | 334.4 | 372.8 | 407.9 | 438.1 |
| 135° | 179.0 | 191.6 | 206.0 | 221.8 | 240.4 | 263.2 | 290.7 | 321.8 | 354.8 | 385.1 | 411.6 |
| 137.5° | 185.6 | 197.1 | 211.0 | 226.1 | 242.6 | 262.2 | 285.2 | 310.4 | 337.5 | 363.5 | 386.5 |
| 140° | 189.2 | 200.9 | 214.3 | 228.4 | 244.1 | 261.8 | 281.8 | 303.7 | 327.3 | 349.7 | 369.7 |
| 142.5° | 193.0 | 203.9 | 217.0 | 230.6 | 245.2 | 261.1 | 278.8 | 297.3 | 317.7 | 337.0 | 354.4 |
| 145° | 197.6 | 208.3 | 220.5 | 233.0 | 246.0 | 259.9 | 274.8 | 289.7 | 305.1 | 319.9 | 333.5 |
| 147.5° | 203.0 | 212.1 | 223.2 | 234.5 | 246.0 | 258.2 | 270.9 | 283.5 | 295.6 | 307.7 | 317.2 |
| 150° | 206.0 | 214.3 | 225.1 | 234.8 | 246.0 | 256.7 | 268.3 | 279.0 | 289.7 | 299.5 | 308.3 |
| 152.5° | 209.0 | 217.0 | 226.2 | 235.6 | 244.9 | 254.9 | 265.4 | 274.9 | 284.1 | 292.8 | 300.1 |
| 155° | 213.9 | 220.5 | 228.4 | 235.8 | 243.7 | 251.6 | 260.9 | 268.8 | 276.2 | 283.2 | 288.8 |
| 157.5° | 218.2 | 223.2 | 229.5 | 236.3 | 242.1 | 248.7 | 255.8 | 262.3 | 268.5 | 273.9 | 278.3 |
| 160° | 220.5 | 225.1 | 230.6 | 236.3 | 241.3 | 246.5 | 252.5 | 258.5 | 263.7 | 268.3 | 271.6 |
| 162.5° | 222.3 | 226.2 | 231.1 | 235.9 | 239.9 | 244.3 | 249.2 | 254.1 | 258.4 | 262.8 | 265.6 |
| 165° | 224.6 | 227.9 | 231.5 | 234.8 | 237.7 | 240.9 | 244.6 | 248.3 | 251.1 | 254.4 | 256.7 |
| 167.5° | 226.7 | 228.8 | 231.5 | 234.1 | 235.4 | 237.5 | 240.3 | 243.3 | 245.4 | 247.3 | 249.0 |
| 170° | 227.9 | 228.8 | 231.1 | 233.0 | 233.9 | 235.3 | 237.7 | 239.9 | 241.3 | 243.2 | 244.1 |
| 172.5° | 228.6 | 229.2 | 231.1 | 232.6 | 232.8 | 233.4 | 235.1 | 237.0 | 238.0 | 239.5 | 240.0 |
| 175° | 229.3 | 229.8 | 230.6 | 231.5 | 231.1 | 231.1 | 232.0 | 233.0 | 233.4 | 234.4 | 234.4 |
| 177.5° | 229.8 | 229.8 | 230.1 | 230.8 | 230.1 | 229.8 | 230.1 | 230.5 | 230.8 | 231.2 | 231.2 |
| 180° | 229.8 | 229.8 | 229.8 | 229.8 | 229.8 | 229.8 | 229.8 | 229.8 | 229.8 | 229.8 | 229.8 |



TEST NUMBER: P332056-930

CATALOG NUMBER: S123DIP-S1165D585U930-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1322.5 | 1322.5 | 1322.5 | 1322.5 | 1322.5 | 1322.5 | 1322.5 | 1322.5 | 1322.5 | 1322.5 | 1322.5 |
| 2.5° | 1264.6 | 1264.1 | 1267.7 | 1265.1 | 1267.7 | 1264.1 | 1264.6 | 1268.2 | 1269.3 | 1269.7 | 1269.7 |
| 5° | 1177.0 | 1179.0 | 1172.6 | 1172.6 | 1172.6 | 1179.0 | 1177.0 | 1181.0 | 1184.1 | 1186.7 | 1190.5 |
| 7.5° | 1099.2 | 1096.3 | 1096.6 | 1093.2 | 1096.6 | 1096.3 | 1099.2 | 1102.2 | 1106.4 | 1112.0 | 1117.2 |
| 10° | 1051.5 | 1047.7 | 1046.4 | 1047.0 | 1046.4 | 1047.7 | 1051.5 | 1059.2 | 1061.8 | 1066.9 | 1072.6 |
| 12.5° | 1012.0 | 1011.2 | 1002.8 | 1002.9 | 1002.8 | 1011.2 | 1012.0 | 1014.1 | 1019.7 | 1030.5 | 1037.2 |
| 15° | 965.6 | 953.5 | 952.2 | 956.0 | 952.2 | 953.5 | 965.6 | 965.6 | 968.2 | 976.5 | 980.4 |
| 17.5° | 919.1 | 912.7 | 913.1 | 911.2 | 913.1 | 912.7 | 919.1 | 920.1 | 922.2 | 929.0 | 934.1 |
| 20° | 894.5 | 890.6 | 890.0 | 885.5 | 890.0 | 890.6 | 894.5 | 894.5 | 897.1 | 900.3 | 905.4 |
| 22.5° | 872.0 | 870.7 | 871.1 | 866.1 | 871.1 | 870.7 | 872.0 | 873.5 | 876.0 | 878.2 | 881.8 |
| 25° | 843.9 | 847.1 | 844.5 | 844.5 | 844.5 | 847.1 | 843.9 | 844.5 | 845.1 | 848.4 | 850.9 |
| 27.5° | 824.9 | 824.8 | 823.5 | 823.5 | 823.5 | 824.8 | 824.9 | 823.4 | 822.6 | 821.5 | 820.9 |
| 30° | 810.6 | 809.9 | 811.2 | 811.2 | 811.2 | 809.9 | 810.6 | 808.0 | 806.7 | 806.1 | 803.5 |
| 32.5° | 796.2 | 797.1 | 797.4 | 797.9 | 797.4 | 797.1 | 796.2 | 793.1 | 790.8 | 789.1 | 787.1 |
| 35° | 774.0 | 774.7 | 776.6 | 775.3 | 776.6 | 774.7 | 774.0 | 770.2 | 767.6 | 763.8 | 760.6 |
| 37.5° | 744.0 | 747.0 | 746.3 | 747.4 | 746.3 | 747.0 | 744.0 | 742.9 | 740.4 | 737.4 | 733.7 |
| 40° | 721.5 | 723.4 | 722.8 | 722.8 | 722.8 | 723.4 | 721.5 | 720.9 | 718.3 | 716.4 | 713.1 |
| 42.5° | 698.5 | 699.9 | 698.1 | 697.2 | 698.1 | 699.9 | 698.5 | 697.2 | 695.8 | 692.3 | 688.6 |
| 45° | 660.6 | 659.3 | 661.3 | 658.7 | 661.3 | 659.3 | 660.6 | 658.0 | 657.5 | 654.8 | 651.7 |
| 47.5° | 618.3 | 619.6 | 620.1 | 622.1 | 620.1 | 619.6 | 618.3 | 618.6 | 615.0 | 613.4 | 612.5 |
| 50° | 590.1 | 593.9 | 593.9 | 593.4 | 593.9 | 593.9 | 590.1 | 588.9 | 586.3 | 583.8 | 583.8 |
| 52.5° | 562.5 | 564.3 | 566.8 | 566.7 | 566.8 | 564.3 | 562.5 | 560.2 | 557.6 | 554.0 | 553.0 |
| 55° | 519.7 | 521.0 | 522.2 | 522.9 | 522.2 | 521.0 | 519.7 | 514.5 | 512.6 | 510.7 | 507.4 |
| 57.5° | 475.3 | 474.8 | 477.8 | 478.7 | 477.8 | 474.8 | 475.3 | 470.7 | 467.7 | 461.9 | 461.1 |
| 60° | 444.0 | 444.0 | 449.1 | 451.1 | 449.1 | 444.0 | 444.0 | 439.0 | 434.5 | 430.6 | 429.3 |
| 62.5° | 410.7 | 412.8 | 417.9 | 415.2 | 417.9 | 412.8 | 410.7 | 405.1 | 401.6 | 396.7 | 393.5 |
| 65° | 362.0 | 367.1 | 366.5 | 369.1 | 366.5 | 367.1 | 362.0 | 358.8 | 351.8 | 347.3 | 343.5 |
| 67.5° | 311.1 | 314.4 | 318.9 | 319.4 | 318.9 | 314.4 | 311.1 | 306.1 | 301.4 | 296.7 | 292.0 |
| 70° | 276.8 | 280.0 | 282.6 | 284.5 | 282.6 | 280.0 | 276.8 | 271.7 | 266.5 | 263.3 | 258.2 |
| 72.5° | 243.5 | 245.2 | 251.3 | 248.6 | 251.3 | 245.2 | 243.5 | 237.3 | 233.3 | 230.6 | 224.9 |
| 75° | 190.9 | 195.4 | 199.3 | 197.4 | 199.3 | 195.4 | 190.9 | 186.5 | 183.3 | 179.4 | 174.3 |
| 77.5° | 141.2 | 145.7 | 147.5 | 145.9 | 147.5 | 145.7 | 141.2 | 138.3 | 136.6 | 129.1 | 128.6 |
| 80° | 111.5 | 110.9 | 114.7 | 114.1 | 114.7 | 110.9 | 111.5 | 107.0 | 103.8 | 99.3 | 99.3 |
| 82.5° | 81.8 | 81.1 | 82.9 | 83.3 | 82.9 | 81.1 | 81.8 | 79.3 | 75.1 | 73.2 | 71.7 |
| 85° | 39.7 | 41.7 | 39.1 | 38.5 | 39.1 | 41.7 | 39.7 | 37.2 | 37.2 | 37.2 | 36.5 |
| 87.5° | 11.8 | 11.9 | 11.5 | 10.9 | 11.5 | 11.9 | 11.8 | 11.9 | 13.8 | 12.1 | 12.1 |
| 90° | 13.0 | 13.5 | 13.9 | 13.5 | 13.9 | 13.5 | 13.0 | 13.5 | 12.6 | 12.1 | 11.7 |
| 92.5° | 24.2 | 22.7 | 23.2 | 22.4 | 23.2 | 22.7 | 24.2 | 25.0 | 27.5 | 31.1 | 39.1 |
| 95° | 63.3 | 59.0 | 55.8 | 54.0 | 55.8 | 59.0 | 63.3 | 72.1 | 88.8 | 113.5 | 167.4 |
| 97.5° | 184.3 | 163.4 | 150.8 | 146.8 | 150.8 | 163.4 | 184.3 | 218.7 | 274.3 | 334.3 | 417.4 |
| 100° | 343.2 | 309.2 | 291.1 | 291.6 | 291.1 | 309.2 | 343.2 | 390.1 | 456.2 | 510.6 | 548.3 |
| 102.5° | 480.5 | 453.6 | 438.4 | 427.7 | 438.4 | 453.6 | 480.5 | 517.0 | 558.9 | 590.6 | 591.8 |
| 105° | 626.4 | 608.7 | 593.9 | 591.5 | 593.9 | 608.7 | 626.4 | 647.8 | 659.9 | 651.0 | 604.5 |
| 107.5° | 701.1 | 695.1 | 690.1 | 685.8 | 690.1 | 695.1 | 701.1 | 700.7 | 684.1 | 643.4 | 567.9 |
| 110° | 722.7 | 726.4 | 725.5 | 724.5 | 725.5 | 726.4 | 722.7 | 709.6 | 677.1 | 618.5 | 532.9 |



TEST NUMBER: P332056-930

CATALOG NUMBER: S123DIP-S1165D585U930-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 717.1 | 728.6 | 732.1 | 732.3 | 732.1 | 728.6 | 717.1 | 693.2 | 651.4 | 585.7 | 498.3 |
| 115° | 687.3 | 707.8 | 717.1 | 719.4 | 717.1 | 707.8 | 687.3 | 652.4 | 601.8 | 533.4 | 452.5 |
| 117.5° | 638.3 | 661.7 | 675.1 | 678.2 | 675.1 | 661.7 | 638.3 | 601.9 | 550.5 | 489.1 | 419.2 |
| 120° | 604.1 | 630.1 | 641.2 | 644.1 | 641.2 | 630.1 | 604.1 | 567.4 | 520.3 | 464.6 | 401.8 |
| 122.5° | 572.8 | 596.2 | 608.5 | 612.0 | 608.5 | 596.2 | 572.8 | 540.1 | 496.5 | 444.8 | 388.0 |
| 125° | 532.0 | 552.4 | 564.1 | 567.4 | 564.1 | 552.4 | 532.0 | 502.2 | 465.0 | 420.4 | 369.7 |
| 127.5° | 499.5 | 517.0 | 527.5 | 530.5 | 527.5 | 517.0 | 499.5 | 473.0 | 439.2 | 398.9 | 353.7 |
| 130° | 479.5 | 496.2 | 506.0 | 509.6 | 506.0 | 496.2 | 479.5 | 454.8 | 423.1 | 385.5 | 343.6 |
| 132.5° | 461.2 | 477.9 | 486.6 | 489.2 | 486.6 | 477.9 | 461.2 | 438.1 | 407.9 | 372.8 | 334.4 |
| 135° | 434.3 | 448.3 | 456.6 | 459.9 | 456.6 | 448.3 | 434.3 | 411.6 | 385.1 | 354.8 | 321.8 |
| 137.5° | 405.6 | 419.7 | 426.8 | 428.9 | 426.8 | 419.7 | 405.6 | 386.5 | 363.5 | 337.5 | 310.4 |
| 140° | 387.3 | 400.4 | 407.8 | 407.3 | 407.8 | 400.4 | 387.3 | 369.7 | 349.7 | 327.3 | 303.7 |
| 142.5° | 369.5 | 381.1 | 387.8 | 387.3 | 387.8 | 381.1 | 369.5 | 354.4 | 337.0 | 317.7 | 297.3 |
| 145° | 345.0 | 354.8 | 358.6 | 359.5 | 358.6 | 354.8 | 345.0 | 333.5 | 319.9 | 305.1 | 289.7 |
| 147.5° | 326.0 | 332.6 | 336.2 | 336.6 | 336.2 | 332.6 | 326.0 | 317.2 | 307.7 | 295.6 | 283.5 |
| 150° | 315.3 | 320.4 | 323.2 | 323.2 | 323.2 | 320.4 | 315.3 | 308.3 | 299.5 | 289.7 | 279.0 |
| 152.5° | 305.6 | 310.4 | 312.0 | 312.0 | 312.0 | 310.4 | 305.6 | 300.1 | 292.8 | 284.1 | 274.9 |
| 155° | 292.9 | 296.7 | 297.6 | 298.1 | 297.6 | 296.7 | 292.9 | 288.8 | 283.2 | 276.2 | 268.8 |
| 157.5° | 281.9 | 284.7 | 285.4 | 285.4 | 285.4 | 284.7 | 281.9 | 278.3 | 273.9 | 268.5 | 262.3 |
| 160° | 274.8 | 277.6 | 277.6 | 277.1 | 277.6 | 277.6 | 274.8 | 271.6 | 268.3 | 263.7 | 258.5 |
| 162.5° | 267.7 | 270.2 | 270.2 | 269.7 | 270.2 | 270.2 | 267.7 | 265.6 | 262.8 | 258.4 | 254.1 |
| 165° | 258.5 | 260.4 | 259.9 | 259.9 | 259.9 | 260.4 | 258.5 | 256.7 | 254.4 | 251.1 | 248.3 |
| 167.5° | 249.8 | 251.1 | 250.6 | 250.6 | 250.6 | 251.1 | 249.8 | 249.0 | 247.3 | 245.4 | 243.3 |
| 170° | 244.6 | 245.6 | 245.1 | 245.1 | 245.1 | 245.6 | 244.6 | 244.1 | 243.2 | 241.3 | 239.9 |
| 172.5° | 240.1 | 241.1 | 240.3 | 239.9 | 240.3 | 241.1 | 240.1 | 240.0 | 239.5 | 238.0 | 237.0 |
| 175° | 234.4 | 234.8 | 234.4 | 233.9 | 234.4 | 234.8 | 234.4 | 234.4 | 234.4 | 233.4 | 233.0 |
| 177.5° | 230.8 | 231.2 | 230.5 | 230.5 | 230.5 | 231.2 | 230.8 | 231.2 | 231.2 | 230.8 | 230.5 |
| 180° | 229.8 | 229.8 | 229.8 | 229.8 | 229.8 | 229.8 | 229.8 | 229.8 | 229.8 | 229.8 | 229.8 |



TEST NUMBER: P332056-930
 CATALOG NUMBER: S123DIP-S1165D585U930-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1322.5 | 1322.5 | 1322.5 | 1322.5 | 1322.5 | 1322.5 | 1322.5 | 1322.5 | 1322.5 | 1322.5 | 1322.5 |
| 2.5° | 1268.2 | 1268.2 | 1277.9 | 1284.1 | 1291.8 | 1296.9 | 1300.5 | 1304.1 | 1310.3 | 1318.4 | 1327.6 |
| 5° | 1195.6 | 1198.2 | 1212.4 | 1226.5 | 1239.9 | 1251.4 | 1261.0 | 1272.5 | 1286.6 | 1303.9 | 1323.1 |
| 7.5° | 1125.4 | 1135.3 | 1149.5 | 1166.7 | 1185.5 | 1202.3 | 1219.4 | 1238.4 | 1258.2 | 1283.7 | 1310.6 |
| 10° | 1080.4 | 1091.2 | 1108.5 | 1130.3 | 1150.1 | 1170.0 | 1191.2 | 1211.7 | 1236.6 | 1266.8 | 1301.4 |
| 12.5° | 1040.9 | 1051.2 | 1069.0 | 1092.9 | 1111.7 | 1133.7 | 1157.9 | 1184.5 | 1212.6 | 1248.9 | 1288.1 |
| 15° | 986.1 | 998.3 | 1020.1 | 1031.6 | 1060.5 | 1086.7 | 1109.1 | 1147.6 | 1183.5 | 1220.7 | 1266.2 |
| 17.5° | 941.3 | 948.0 | 965.7 | 987.2 | 1008.7 | 1038.1 | 1067.5 | 1099.5 | 1135.3 | 1180.8 | 1237.7 |
| 20° | 910.5 | 916.3 | 935.5 | 958.0 | 981.0 | 1008.0 | 1034.2 | 1066.2 | 1106.6 | 1154.6 | 1216.2 |
| 22.5° | 887.5 | 893.7 | 906.3 | 930.3 | 951.8 | 974.1 | 1000.4 | 1038.5 | 1081.5 | 1128.5 | 1195.1 |
| 25° | 854.1 | 857.9 | 866.3 | 885.5 | 904.7 | 929.8 | 952.8 | 988.7 | 1032.9 | 1088.0 | 1154.6 |
| 27.5° | 822.5 | 826.2 | 833.2 | 846.9 | 864.9 | 885.2 | 910.3 | 940.8 | 985.6 | 1045.5 | 1116.2 |
| 30° | 803.5 | 804.1 | 810.6 | 823.4 | 838.8 | 855.4 | 878.5 | 913.1 | 955.4 | 1016.3 | 1090.5 |
| 32.5° | 787.1 | 784.6 | 789.0 | 798.7 | 813.7 | 830.3 | 849.3 | 883.4 | 924.1 | 984.0 | 1060.3 |
| 35° | 759.3 | 758.0 | 756.1 | 764.4 | 777.2 | 790.0 | 806.7 | 832.3 | 878.5 | 934.3 | 1014.3 |
| 37.5° | 731.0 | 727.9 | 724.5 | 728.3 | 738.3 | 751.6 | 766.1 | 788.9 | 828.7 | 890.0 | 966.6 |
| 40° | 710.0 | 707.4 | 705.5 | 704.2 | 713.1 | 725.9 | 736.9 | 758.6 | 795.8 | 854.1 | 929.8 |
| 42.5° | 686.9 | 685.3 | 682.9 | 681.1 | 688.6 | 698.3 | 709.7 | 729.0 | 766.1 | 820.8 | 892.3 |
| 45° | 649.7 | 648.5 | 647.2 | 645.9 | 650.4 | 659.3 | 668.3 | 682.4 | 714.4 | 767.6 | 832.3 |
| 47.5° | 608.4 | 606.7 | 607.2 | 605.1 | 609.5 | 615.6 | 621.8 | 636.9 | 667.6 | 710.6 | 757.9 |
| 50° | 578.6 | 578.0 | 578.0 | 578.0 | 579.3 | 586.3 | 592.1 | 603.6 | 631.8 | 674.7 | 708.7 |
| 52.5° | 550.4 | 547.7 | 547.7 | 548.8 | 551.1 | 555.5 | 559.3 | 571.9 | 596.4 | 631.7 | 662.5 |
| 55° | 506.2 | 501.1 | 499.8 | 501.1 | 503.0 | 506.9 | 510.7 | 521.0 | 542.1 | 568.3 | 586.3 |
| 57.5° | 457.2 | 454.4 | 452.7 | 453.0 | 454.0 | 457.1 | 460.1 | 471.2 | 487.9 | 501.6 | 513.1 |
| 60° | 422.9 | 424.2 | 418.4 | 419.7 | 419.7 | 422.2 | 426.7 | 433.8 | 447.9 | 457.5 | 469.0 |
| 62.5° | 390.6 | 388.8 | 387.2 | 385.4 | 385.4 | 386.4 | 392.4 | 397.9 | 409.9 | 415.0 | 424.0 |
| 65° | 340.2 | 340.2 | 336.4 | 337.7 | 338.3 | 333.9 | 337.0 | 343.5 | 351.1 | 353.0 | 361.4 |
| 67.5° | 289.3 | 287.5 | 285.3 | 283.3 | 283.3 | 283.0 | 284.6 | 287.8 | 293.6 | 294.2 | 300.7 |
| 70° | 254.4 | 253.1 | 252.5 | 250.5 | 248.0 | 251.2 | 249.2 | 252.5 | 255.7 | 256.3 | 260.2 |
| 72.5° | 220.5 | 219.2 | 218.1 | 216.2 | 215.2 | 214.7 | 214.9 | 218.7 | 220.8 | 219.9 | 224.3 |
| 75° | 172.4 | 171.0 | 169.8 | 166.6 | 166.6 | 164.7 | 165.3 | 167.9 | 170.5 | 168.5 | 172.4 |
| 77.5° | 126.6 | 122.6 | 122.4 | 123.3 | 121.1 | 121.5 | 120.7 | 120.3 | 121.5 | 121.6 | 125.1 |
| 80° | 97.4 | 92.9 | 94.2 | 93.5 | 92.9 | 92.3 | 91.0 | 91.6 | 92.3 | 92.9 | 94.8 |
| 82.5° | 70.2 | 69.9 | 68.6 | 68.4 | 67.8 | 66.1 | 65.4 | 66.5 | 67.2 | 66.8 | 68.2 |
| 85° | 35.9 | 34.0 | 35.2 | 34.6 | 35.2 | 34.6 | 32.7 | 32.7 | 34.0 | 33.3 | 34.6 |
| 87.5° | 13.0 | 13.1 | 12.3 | 12.6 | 11.7 | 12.0 | 11.3 | 11.6 | 11.8 | 11.7 | 12.5 |
| 90° | 11.2 | 11.7 | 10.2 | 8.8 | 7.4 | 6.0 | 5.1 | 4.2 | 2.8 | 1.9 | 0.9 |
| 92.5° | 54.0 | 71.5 | 78.7 | 59.0 | 39.1 | 26.9 | 20.0 | 16.1 | 12.5 | 8.6 | 5.8 |
| 95° | 223.6 | 275.7 | 245.6 | 169.3 | 100.0 | 60.4 | 42.3 | 30.2 | 22.3 | 17.2 | 15.8 |
| 97.5° | 457.2 | 427.4 | 312.8 | 185.7 | 107.6 | 69.9 | 50.2 | 38.3 | 31.5 | 27.5 | 27.0 |
| 100° | 532.0 | 440.3 | 297.6 | 175.3 | 106.5 | 73.9 | 55.8 | 44.7 | 38.2 | 34.9 | 34.4 |
| 102.5° | 535.7 | 416.2 | 275.3 | 166.4 | 107.9 | 78.8 | 62.1 | 52.1 | 46.0 | 43.0 | 42.2 |
| 105° | 507.4 | 373.9 | 247.9 | 160.0 | 112.1 | 87.0 | 72.6 | 63.7 | 58.1 | 55.4 | 54.0 |
| 107.5° | 457.7 | 336.5 | 230.4 | 159.5 | 119.7 | 97.7 | 84.3 | 76.0 | 70.5 | 67.8 | 66.4 |
| 110° | 426.4 | 315.3 | 223.6 | 161.3 | 126.0 | 105.1 | 92.0 | 84.1 | 79.1 | 76.7 | 75.3 |



TEST NUMBER: P332056-930

CATALOG NUMBER: S123DIP-S1165D585U930-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 399.3 | 301.2 | 220.0 | 165.1 | 132.3 | 112.9 | 100.3 | 92.4 | 87.2 | 85.0 | 83.5 |
| 115° | 366.5 | 286.0 | 218.6 | 171.1 | 142.8 | 125.1 | 112.5 | 104.6 | 100.0 | 97.2 | 95.3 |
| 117.5° | 346.7 | 277.0 | 219.4 | 179.1 | 153.8 | 136.3 | 124.7 | 115.9 | 111.6 | 109.3 | 107.1 |
| 120° | 336.2 | 273.0 | 220.9 | 185.1 | 160.9 | 144.1 | 132.6 | 123.7 | 119.0 | 116.8 | 115.4 |
| 122.5° | 327.7 | 270.4 | 223.5 | 190.7 | 168.4 | 152.0 | 139.6 | 131.1 | 126.1 | 123.8 | 122.4 |
| 125° | 316.7 | 266.9 | 227.4 | 199.5 | 179.0 | 162.7 | 150.2 | 141.4 | 136.2 | 133.5 | 132.6 |
| 127.5° | 307.0 | 265.2 | 231.9 | 206.8 | 188.3 | 172.6 | 160.0 | 150.3 | 145.1 | 141.6 | 140.2 |
| 130° | 301.8 | 264.2 | 234.8 | 211.6 | 193.9 | 178.6 | 166.0 | 156.2 | 150.7 | 146.5 | 145.1 |
| 132.5° | 296.9 | 263.7 | 237.1 | 216.1 | 198.8 | 183.8 | 171.6 | 161.8 | 155.2 | 150.6 | 148.8 |
| 135° | 290.7 | 263.2 | 240.4 | 221.8 | 206.0 | 191.6 | 179.0 | 169.3 | 162.3 | 157.2 | 155.3 |
| 137.5° | 285.2 | 262.2 | 242.6 | 226.1 | 211.0 | 197.1 | 185.6 | 175.9 | 168.4 | 163.4 | 161.4 |
| 140° | 281.8 | 261.8 | 244.1 | 228.4 | 214.3 | 200.9 | 189.2 | 179.9 | 172.5 | 167.9 | 165.6 |
| 142.5° | 278.8 | 261.1 | 245.2 | 230.6 | 217.0 | 203.9 | 193.0 | 183.7 | 177.0 | 171.9 | 170.0 |
| 145° | 274.8 | 259.9 | 246.0 | 233.0 | 220.5 | 208.3 | 197.6 | 189.7 | 182.8 | 178.6 | 177.2 |
| 147.5° | 270.9 | 258.2 | 246.0 | 234.5 | 223.2 | 212.1 | 203.0 | 195.4 | 189.4 | 185.2 | 184.4 |
| 150° | 268.3 | 256.7 | 246.0 | 234.8 | 225.1 | 214.3 | 206.0 | 199.5 | 193.5 | 189.7 | 189.2 |
| 152.5° | 265.4 | 254.9 | 244.9 | 235.6 | 226.2 | 217.0 | 209.0 | 203.3 | 198.0 | 194.2 | 194.1 |
| 155° | 260.9 | 251.6 | 243.7 | 235.8 | 228.4 | 220.5 | 213.9 | 208.8 | 204.2 | 201.4 | 201.4 |
| 157.5° | 255.8 | 248.7 | 242.1 | 236.3 | 229.5 | 223.2 | 218.2 | 213.9 | 209.7 | 207.5 | 207.1 |
| 160° | 252.5 | 246.5 | 241.3 | 236.3 | 230.6 | 225.1 | 220.5 | 217.2 | 213.4 | 211.6 | 211.6 |
| 162.5° | 249.2 | 244.3 | 239.9 | 235.9 | 231.1 | 226.2 | 222.3 | 219.4 | 216.5 | 214.9 | 214.9 |
| 165° | 244.6 | 240.9 | 237.7 | 234.8 | 231.5 | 227.9 | 224.6 | 222.7 | 220.5 | 219.5 | 220.0 |
| 167.5° | 240.3 | 237.5 | 235.4 | 234.1 | 231.5 | 228.8 | 226.7 | 225.4 | 223.6 | 223.2 | 223.8 |
| 170° | 237.7 | 235.3 | 233.9 | 233.0 | 231.1 | 228.8 | 227.9 | 226.9 | 225.5 | 225.1 | 226.0 |
| 172.5° | 235.1 | 233.4 | 232.8 | 232.6 | 231.1 | 229.2 | 228.6 | 228.0 | 227.1 | 226.9 | 227.5 |
| 175° | 232.0 | 231.1 | 231.1 | 231.5 | 230.6 | 229.8 | 229.3 | 229.3 | 228.4 | 228.8 | 229.3 |
| 177.5° | 230.1 | 229.8 | 230.1 | 230.8 | 230.1 | 229.8 | 229.8 | 229.8 | 229.3 | 229.8 | 230.1 |
| 180° | 229.8 | 229.8 | 229.8 | 229.8 | 229.8 | 229.8 | 229.8 | 229.8 | 229.8 | 229.8 | 229.8 |



TEST NUMBER: P332056-930

CATALOG NUMBER: S123DIP-S1165D585U930-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1322.5 | 1322.5 | 1322.5 | 1322.5 | 1322.5 | 1322.5 | 1322.5 | 1322.5 | 1322.5 | 1322.5 | 1322.5 |
| 2.5° | 1330.7 | 1333.3 | 1342.0 | 1348.2 | 1355.4 | 1359.4 | 1363.5 | 1366.6 | 1370.7 | 1371.7 | 1386.6 |
| 5° | 1336.6 | 1349.5 | 1371.9 | 1388.5 | 1409.0 | 1431.4 | 1446.8 | 1453.9 | 1472.4 | 1487.8 | 1518.6 |
| 7.5° | 1335.0 | 1362.3 | 1396.1 | 1431.2 | 1468.8 | 1503.7 | 1534.0 | 1569.9 | 1595.4 | 1633.7 | 1671.5 |
| 10° | 1333.4 | 1369.9 | 1413.5 | 1458.4 | 1510.9 | 1559.6 | 1603.2 | 1651.9 | 1692.2 | 1745.4 | 1790.9 |
| 12.5° | 1328.8 | 1373.0 | 1433.5 | 1486.5 | 1550.4 | 1617.6 | 1682.1 | 1744.7 | 1780.5 | 1869.0 | 1910.9 |
| 15° | 1317.4 | 1369.9 | 1445.5 | 1526.3 | 1614.0 | 1693.5 | 1775.6 | 1840.9 | 1946.6 | 2024.1 | 2073.5 |
| 17.5° | 1295.6 | 1369.2 | 1458.9 | 1556.2 | 1663.0 | 1767.7 | 1860.7 | 1959.8 | 2072.0 | 2165.8 | 2265.7 |
| 20° | 1285.4 | 1366.1 | 1466.1 | 1573.7 | 1684.6 | 1803.1 | 1908.9 | 2028.0 | 2150.4 | 2242.6 | 2370.8 |
| 22.5° | 1266.4 | 1357.9 | 1465.6 | 1585.5 | 1704.1 | 1826.7 | 1950.4 | 2070.5 | 2211.9 | 2339.0 | 2461.1 |
| 25° | 1235.4 | 1337.9 | 1449.4 | 1583.3 | 1722.4 | 1845.4 | 1993.4 | 2153.0 | 2300.4 | 2463.8 | 2585.5 |
| 27.5° | 1202.8 | 1312.3 | 1424.0 | 1548.6 | 1698.1 | 1844.1 | 2030.3 | 2210.6 | 2390.8 | 2531.9 | 2622.0 |
| 30° | 1177.7 | 1284.1 | 1399.5 | 1525.0 | 1673.0 | 1846.7 | 2054.9 | 2251.6 | 2427.2 | 2548.3 | 2598.9 |
| 32.5° | 1150.6 | 1258.4 | 1360.5 | 1492.2 | 1649.9 | 1845.1 | 2070.3 | 2275.7 | 2429.3 | 2509.9 | 2500.0 |
| 35° | 1107.9 | 1198.2 | 1297.5 | 1424.4 | 1610.2 | 1833.9 | 2079.3 | 2277.9 | 2372.1 | 2354.8 | 2224.1 |
| 37.5° | 1046.4 | 1122.3 | 1220.2 | 1359.0 | 1564.1 | 1810.1 | 2061.3 | 2210.4 | 2204.2 | 2063.4 | 1874.0 |
| 40° | 1008.0 | 1072.6 | 1166.9 | 1313.0 | 1528.2 | 1794.8 | 2033.1 | 2129.9 | 2047.9 | 1851.1 | 1624.3 |
| 42.5° | 957.7 | 1017.2 | 1111.5 | 1261.7 | 1488.7 | 1763.5 | 1979.3 | 2007.3 | 1846.9 | 1620.5 | 1412.6 |
| 45° | 879.8 | 932.3 | 1029.7 | 1184.8 | 1429.5 | 1695.4 | 1848.0 | 1779.4 | 1563.4 | 1329.6 | 1171.3 |
| 47.5° | 796.1 | 850.7 | 944.4 | 1103.7 | 1343.9 | 1593.1 | 1665.7 | 1519.9 | 1298.2 | 1108.5 | 963.2 |
| 50° | 743.3 | 795.8 | 887.5 | 1048.3 | 1286.0 | 1509.0 | 1539.1 | 1350.7 | 1147.0 | 980.4 | 861.2 |
| 52.5° | 690.0 | 739.5 | 829.6 | 990.8 | 1218.4 | 1411.6 | 1393.0 | 1201.0 | 1013.7 | 871.7 | 778.1 |
| 55° | 610.7 | 657.5 | 743.3 | 894.5 | 1101.5 | 1254.6 | 1187.3 | 1004.0 | 849.0 | 738.8 | 667.6 |
| 57.5° | 539.6 | 584.5 | 658.6 | 795.2 | 975.1 | 1080.4 | 994.7 | 840.3 | 717.0 | 632.2 | 579.1 |
| 60° | 491.5 | 531.2 | 601.7 | 728.6 | 884.9 | 965.0 | 880.4 | 744.0 | 640.1 | 572.2 | 524.8 |
| 62.5° | 445.8 | 480.5 | 545.8 | 660.9 | 796.7 | 864.0 | 778.4 | 662.9 | 574.5 | 514.3 | 474.0 |
| 65° | 376.7 | 408.1 | 465.9 | 555.5 | 667.0 | 711.9 | 638.2 | 544.6 | 476.1 | 431.2 | 404.3 |
| 67.5° | 313.7 | 340.4 | 390.2 | 460.8 | 542.8 | 575.5 | 519.4 | 447.0 | 395.3 | 359.3 | 337.9 |
| 70° | 271.7 | 294.7 | 333.9 | 394.7 | 469.0 | 494.0 | 441.5 | 381.9 | 344.1 | 315.3 | 295.4 |
| 72.5° | 236.3 | 253.2 | 288.7 | 335.7 | 397.8 | 417.7 | 381.0 | 328.6 | 293.3 | 271.7 | 255.9 |
| 75° | 180.0 | 194.1 | 217.2 | 255.0 | 298.0 | 309.5 | 281.9 | 249.2 | 225.5 | 210.2 | 198.0 |
| 77.5° | 129.8 | 140.2 | 156.9 | 180.2 | 209.9 | 220.3 | 202.8 | 181.1 | 163.8 | 153.4 | 146.6 |
| 80° | 98.0 | 106.4 | 120.5 | 139.7 | 157.6 | 163.4 | 153.1 | 136.5 | 124.3 | 118.5 | 112.8 |
| 82.5° | 72.4 | 77.1 | 85.6 | 98.7 | 111.0 | 117.8 | 109.1 | 99.1 | 92.5 | 87.2 | 85.1 |
| 85° | 36.5 | 39.1 | 43.0 | 48.0 | 55.8 | 58.3 | 55.1 | 52.5 | 48.7 | 45.5 | 45.5 |
| 87.5° | 13.7 | 13.9 | 15.7 | 16.9 | 19.2 | 21.0 | 20.7 | 20.0 | 19.7 | 19.2 | 18.8 |
| 90° | 1.9 | 2.8 | 4.2 | 5.1 | 6.0 | 7.4 | 8.8 | 10.2 | 11.7 | 11.2 | 11.7 |
| 92.5° | 8.6 | 12.5 | 16.1 | 20.0 | 26.9 | 39.1 | 59.0 | 78.7 | 71.5 | 54.0 | 39.1 |
| 95° | 17.2 | 22.3 | 30.2 | 42.3 | 60.4 | 100.0 | 169.3 | 245.6 | 275.7 | 223.6 | 167.4 |
| 97.5° | 27.5 | 31.5 | 38.3 | 50.2 | 69.9 | 107.6 | 185.7 | 312.8 | 427.4 | 457.2 | 417.4 |
| 100° | 34.9 | 38.2 | 44.7 | 55.8 | 73.9 | 106.5 | 175.3 | 297.6 | 440.3 | 532.0 | 548.3 |
| 102.5° | 43.0 | 46.0 | 52.1 | 62.1 | 78.8 | 107.9 | 166.4 | 275.3 | 416.2 | 535.7 | 591.8 |
| 105° | 55.4 | 58.1 | 63.7 | 72.6 | 87.0 | 112.1 | 160.0 | 247.9 | 373.9 | 507.4 | 604.5 |
| 107.5° | 67.8 | 70.5 | 76.0 | 84.3 | 97.7 | 119.7 | 159.5 | 230.4 | 336.5 | 457.7 | 567.9 |
| 110° | 76.7 | 79.1 | 84.1 | 92.0 | 105.1 | 126.0 | 161.3 | 223.6 | 315.3 | 426.4 | 532.9 |



TEST NUMBER: P332056-930

CATALOG NUMBER: S123DIP-S1165D585U930-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 85.0 | 87.2 | 92.4 | 100.3 | 112.9 | 132.3 | 165.1 | 220.0 | 301.2 | 399.3 | 498.3 |
| 115° | 97.2 | 100.0 | 104.6 | 112.5 | 125.1 | 142.8 | 171.1 | 218.6 | 286.0 | 366.5 | 452.5 |
| 117.5° | 109.3 | 111.6 | 115.9 | 124.7 | 136.3 | 153.8 | 179.1 | 219.4 | 277.0 | 346.7 | 419.2 |
| 120° | 116.8 | 119.0 | 123.7 | 132.6 | 144.1 | 160.9 | 185.1 | 220.9 | 273.0 | 336.2 | 401.8 |
| 122.5° | 123.8 | 126.1 | 131.1 | 139.6 | 152.0 | 168.4 | 190.7 | 223.5 | 270.4 | 327.7 | 388.0 |
| 125° | 133.5 | 136.2 | 141.4 | 150.2 | 162.7 | 179.0 | 199.5 | 227.4 | 266.9 | 316.7 | 369.7 |
| 127.5° | 141.6 | 145.1 | 150.3 | 160.0 | 172.6 | 188.3 | 206.8 | 231.9 | 265.2 | 307.0 | 353.7 |
| 130° | 146.5 | 150.7 | 156.2 | 166.0 | 178.6 | 193.9 | 211.6 | 234.8 | 264.2 | 301.8 | 343.6 |
| 132.5° | 150.6 | 155.2 | 161.8 | 171.6 | 183.8 | 198.8 | 216.1 | 237.1 | 263.7 | 296.9 | 334.4 |
| 135° | 157.2 | 162.3 | 169.3 | 179.0 | 191.6 | 206.0 | 221.8 | 240.4 | 263.2 | 290.7 | 321.8 |
| 137.5° | 163.4 | 168.4 | 175.9 | 185.6 | 197.1 | 211.0 | 226.1 | 242.6 | 262.2 | 285.2 | 310.4 |
| 140° | 167.9 | 172.5 | 179.9 | 189.2 | 200.9 | 214.3 | 228.4 | 244.1 | 261.8 | 281.8 | 303.7 |
| 142.5° | 171.9 | 177.0 | 183.7 | 193.0 | 203.9 | 217.0 | 230.6 | 245.2 | 261.1 | 278.8 | 297.3 |
| 145° | 178.6 | 182.8 | 189.7 | 197.6 | 208.3 | 220.5 | 233.0 | 246.0 | 259.9 | 274.8 | 289.7 |
| 147.5° | 185.2 | 189.4 | 195.4 | 203.0 | 212.1 | 223.2 | 234.5 | 246.0 | 258.2 | 270.9 | 283.5 |
| 150° | 189.7 | 193.5 | 199.5 | 206.0 | 214.3 | 225.1 | 234.8 | 246.0 | 256.7 | 268.3 | 279.0 |
| 152.5° | 194.2 | 198.0 | 203.3 | 209.0 | 217.0 | 226.2 | 235.6 | 244.9 | 254.9 | 265.4 | 274.9 |
| 155° | 201.4 | 204.2 | 208.8 | 213.9 | 220.5 | 228.4 | 235.8 | 243.7 | 251.6 | 260.9 | 268.8 |
| 157.5° | 207.5 | 209.7 | 213.9 | 218.2 | 223.2 | 229.5 | 236.3 | 242.1 | 248.7 | 255.8 | 262.3 |
| 160° | 211.6 | 213.4 | 217.2 | 220.5 | 225.1 | 230.6 | 236.3 | 241.3 | 246.5 | 252.5 | 258.5 |
| 162.5° | 214.9 | 216.5 | 219.4 | 222.3 | 226.2 | 231.1 | 235.9 | 239.9 | 244.3 | 249.2 | 254.1 |
| 165° | 219.5 | 220.5 | 222.7 | 224.6 | 227.9 | 231.5 | 234.8 | 237.7 | 240.9 | 244.6 | 248.3 |
| 167.5° | 223.2 | 223.6 | 225.4 | 226.7 | 228.8 | 231.5 | 234.1 | 235.4 | 237.5 | 240.3 | 243.3 |
| 170° | 225.1 | 225.5 | 226.9 | 227.9 | 228.8 | 231.1 | 233.0 | 233.9 | 235.3 | 237.7 | 239.9 |
| 172.5° | 226.9 | 227.1 | 228.0 | 228.6 | 229.2 | 231.1 | 232.6 | 232.8 | 233.4 | 235.1 | 237.0 |
| 175° | 228.8 | 228.4 | 229.3 | 229.3 | 229.8 | 230.6 | 231.5 | 231.1 | 231.1 | 232.0 | 233.0 |
| 177.5° | 229.8 | 229.3 | 229.8 | 229.8 | 229.8 | 230.1 | 230.8 | 230.1 | 229.8 | 230.1 | 230.5 |
| 180° | 229.8 | 229.8 | 229.8 | 229.8 | 229.8 | 229.8 | 229.8 | 229.8 | 229.8 | 229.8 | 229.8 |



TEST NUMBER: P332056-930
 CATALOG NUMBER: S123DIP-S1165D585U930-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1322.5 | 1322.5 | 1322.5 | 1322.5 | 1322.5 | 1322.5 | 1322.5 |
| 2.5° | 1391.7 | 1392.2 | 1397.9 | 1402.0 | 1400.0 | 1402.5 | 1403.5 |
| 5° | 1520.5 | 1543.6 | 1555.8 | 1564.7 | 1565.4 | 1566.0 | 1571.2 |
| 7.5° | 1703.2 | 1727.9 | 1746.0 | 1773.4 | 1781.6 | 1790.9 | 1788.2 |
| 10° | 1836.5 | 1872.9 | 1904.4 | 1921.0 | 1938.9 | 1965.2 | 1944.1 |
| 12.5° | 1961.0 | 2025.7 | 2073.5 | 2099.4 | 2116.3 | 2121.6 | 2111.2 |
| 15° | 2166.4 | 2251.0 | 2296.5 | 2295.2 | 2352.9 | 2377.9 | 2338.8 |
| 17.5° | 2354.8 | 2432.9 | 2495.4 | 2527.4 | 2575.4 | 2586.1 | 2581.2 |
| 20° | 2470.1 | 2555.4 | 2604.1 | 2659.2 | 2684.1 | 2706.5 | 2710.4 |
| 22.5° | 2569.6 | 2646.1 | 2698.4 | 2744.2 | 2765.2 | 2775.8 | 2782.2 |
| 25° | 2672.0 | 2732.2 | 2763.6 | 2779.6 | 2785.4 | 2784.1 | 2775.8 |
| 27.5° | 2664.9 | 2669.5 | 2635.0 | 2601.0 | 2570.6 | 2536.4 | 2524.6 |
| 30° | 2595.7 | 2541.9 | 2445.8 | 2391.4 | 2311.2 | 2247.8 | 2273.4 |
| 32.5° | 2413.8 | 2306.6 | 2198.7 | 2079.7 | 1981.1 | 1953.0 | 1924.8 |
| 35° | 2060.0 | 1871.7 | 1761.5 | 1633.3 | 1582.0 | 1530.8 | 1495.5 |
| 37.5° | 1666.6 | 1520.9 | 1390.2 | 1306.4 | 1255.0 | 1222.5 | 1205.2 |
| 40° | 1441.0 | 1309.7 | 1202.1 | 1134.2 | 1095.0 | 1058.5 | 1053.4 |
| 42.5° | 1261.2 | 1139.1 | 1058.0 | 1004.0 | 966.4 | 950.9 | 939.6 |
| 45° | 1032.9 | 947.7 | 893.2 | 854.8 | 829.8 | 820.2 | 807.4 |
| 47.5° | 874.2 | 814.0 | 773.1 | 747.0 | 728.1 | 721.0 | 720.0 |
| 50° | 785.5 | 735.6 | 705.5 | 684.9 | 670.3 | 667.6 | 657.5 |
| 52.5° | 718.9 | 675.6 | 652.2 | 634.2 | 623.6 | 616.4 | 613.3 |
| 55° | 624.1 | 595.3 | 574.1 | 563.9 | 555.5 | 548.5 | 548.5 |
| 57.5° | 546.1 | 522.0 | 508.0 | 499.3 | 496.7 | 491.7 | 488.5 |
| 60° | 497.9 | 477.4 | 466.5 | 458.8 | 453.6 | 454.3 | 448.5 |
| 62.5° | 450.7 | 437.4 | 427.0 | 419.3 | 413.2 | 413.3 | 413.7 |
| 65° | 383.8 | 373.6 | 365.9 | 363.3 | 359.5 | 355.0 | 356.3 |
| 67.5° | 325.2 | 315.6 | 309.7 | 305.2 | 303.9 | 301.6 | 305.2 |
| 70° | 283.2 | 276.1 | 271.7 | 267.8 | 266.5 | 267.2 | 270.4 |
| 72.5° | 244.8 | 239.8 | 236.8 | 235.1 | 232.2 | 232.4 | 234.5 |
| 75° | 192.2 | 188.4 | 185.8 | 183.9 | 183.3 | 183.3 | 183.3 |
| 77.5° | 141.2 | 140.3 | 139.2 | 136.3 | 136.5 | 137.2 | 137.4 |
| 80° | 111.5 | 109.6 | 108.9 | 107.6 | 105.7 | 104.4 | 107.6 |
| 82.5° | 83.3 | 81.4 | 80.7 | 80.5 | 77.5 | 77.3 | 80.0 |
| 85° | 44.8 | 43.0 | 43.5 | 43.0 | 43.0 | 42.3 | 42.3 |
| 87.5° | 18.3 | 17.9 | 17.5 | 18.0 | 17.5 | 17.1 | 18.1 |
| 90° | 12.1 | 12.6 | 13.5 | 13.0 | 13.5 | 13.9 | 13.5 |
| 92.5° | 31.1 | 27.5 | 25.0 | 24.2 | 22.7 | 23.2 | 22.4 |
| 95° | 113.5 | 88.8 | 72.1 | 63.3 | 59.0 | 55.8 | 54.0 |
| 97.5° | 334.3 | 274.3 | 218.7 | 184.3 | 163.4 | 150.8 | 146.8 |
| 100° | 510.6 | 456.2 | 390.1 | 343.2 | 309.2 | 291.1 | 291.6 |
| 102.5° | 590.6 | 558.9 | 517.0 | 480.5 | 453.6 | 438.4 | 427.7 |
| 105° | 651.0 | 659.9 | 647.8 | 626.4 | 608.7 | 593.9 | 591.5 |
| 107.5° | 643.4 | 684.1 | 700.7 | 701.1 | 695.1 | 690.1 | 685.8 |
| 110° | 618.5 | 677.1 | 709.6 | 722.7 | 726.4 | 725.5 | 724.5 |



TEST NUMBER: P332056-930

CATALOG NUMBER: S123DIP-S1165D585U930-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 585.7 | 651.4 | 693.2 | 717.1 | 728.6 | 732.1 | 732.3 |
| 115° | 533.4 | 601.8 | 652.4 | 687.3 | 707.8 | 717.1 | 719.4 |
| 117.5° | 489.1 | 550.5 | 601.9 | 638.3 | 661.7 | 675.1 | 678.2 |
| 120° | 464.6 | 520.3 | 567.4 | 604.1 | 630.1 | 641.2 | 644.1 |
| 122.5° | 444.8 | 496.5 | 540.1 | 572.8 | 596.2 | 608.5 | 612.0 |
| 125° | 420.4 | 465.0 | 502.2 | 532.0 | 552.4 | 564.1 | 567.4 |
| 127.5° | 398.9 | 439.2 | 473.0 | 499.5 | 517.0 | 527.5 | 530.5 |
| 130° | 385.5 | 423.1 | 454.8 | 479.5 | 496.2 | 506.0 | 509.6 |
| 132.5° | 372.8 | 407.9 | 438.1 | 461.2 | 477.9 | 486.6 | 489.2 |
| 135° | 354.8 | 385.1 | 411.6 | 434.3 | 448.3 | 456.6 | 459.9 |
| 137.5° | 337.5 | 363.5 | 386.5 | 405.6 | 419.7 | 426.8 | 428.9 |
| 140° | 327.3 | 349.7 | 369.7 | 387.3 | 400.4 | 407.8 | 407.3 |
| 142.5° | 317.7 | 337.0 | 354.4 | 369.5 | 381.1 | 387.8 | 387.3 |
| 145° | 305.1 | 319.9 | 333.5 | 345.0 | 354.8 | 358.6 | 359.5 |
| 147.5° | 295.6 | 307.7 | 317.2 | 326.0 | 332.6 | 336.2 | 336.6 |
| 150° | 289.7 | 299.5 | 308.3 | 315.3 | 320.4 | 323.2 | 323.2 |
| 152.5° | 284.1 | 292.8 | 300.1 | 305.6 | 310.4 | 312.0 | 312.0 |
| 155° | 276.2 | 283.2 | 288.8 | 292.9 | 296.7 | 297.6 | 298.1 |
| 157.5° | 268.5 | 273.9 | 278.3 | 281.9 | 284.7 | 285.4 | 285.4 |
| 160° | 263.7 | 268.3 | 271.6 | 274.8 | 277.6 | 277.6 | 277.1 |
| 162.5° | 258.4 | 262.8 | 265.6 | 267.7 | 270.2 | 270.2 | 269.7 |
| 165° | 251.1 | 254.4 | 256.7 | 258.5 | 260.4 | 259.9 | 259.9 |
| 167.5° | 245.4 | 247.3 | 249.0 | 249.8 | 251.1 | 250.6 | 250.6 |
| 170° | 241.3 | 243.2 | 244.1 | 244.6 | 245.6 | 245.1 | 245.1 |
| 172.5° | 238.0 | 239.5 | 240.0 | 240.1 | 241.1 | 240.3 | 239.9 |
| 175° | 233.4 | 234.4 | 234.4 | 234.4 | 234.8 | 234.4 | 233.9 |
| 177.5° | 230.8 | 231.2 | 231.2 | 230.8 | 231.2 | 230.5 | 230.5 |
| 180° | 229.8 | 229.8 | 229.8 | 229.8 | 229.8 | 229.8 | 229.8 |

(END OF REPORT)