

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: P331260-935

Luminaire Tested: **S122DIP-S290D725U935-4F0-1E-UDD-A4**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P331260-935
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-16,
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: S122DIP-S290D725U935-4F0-1E-UDD-A4
Description: DEFINE 2 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 290 LUMENS PER FOOT, ASYMMETRIC DIFFUSER
UPLIGHT 725 LUMENS PER FOOT, BATWING OPTIC
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3561.4 lumens
Efficiency: N/A
Efficacy: 114.1 lumens/watt
Spacing Criteria (0/90/45): 1.08 / 1.16 / 1.23
Luminous Opening: Rectangular (W 4' x L: 0.17' x H: 0')
CIE Type: Semi-Indirect

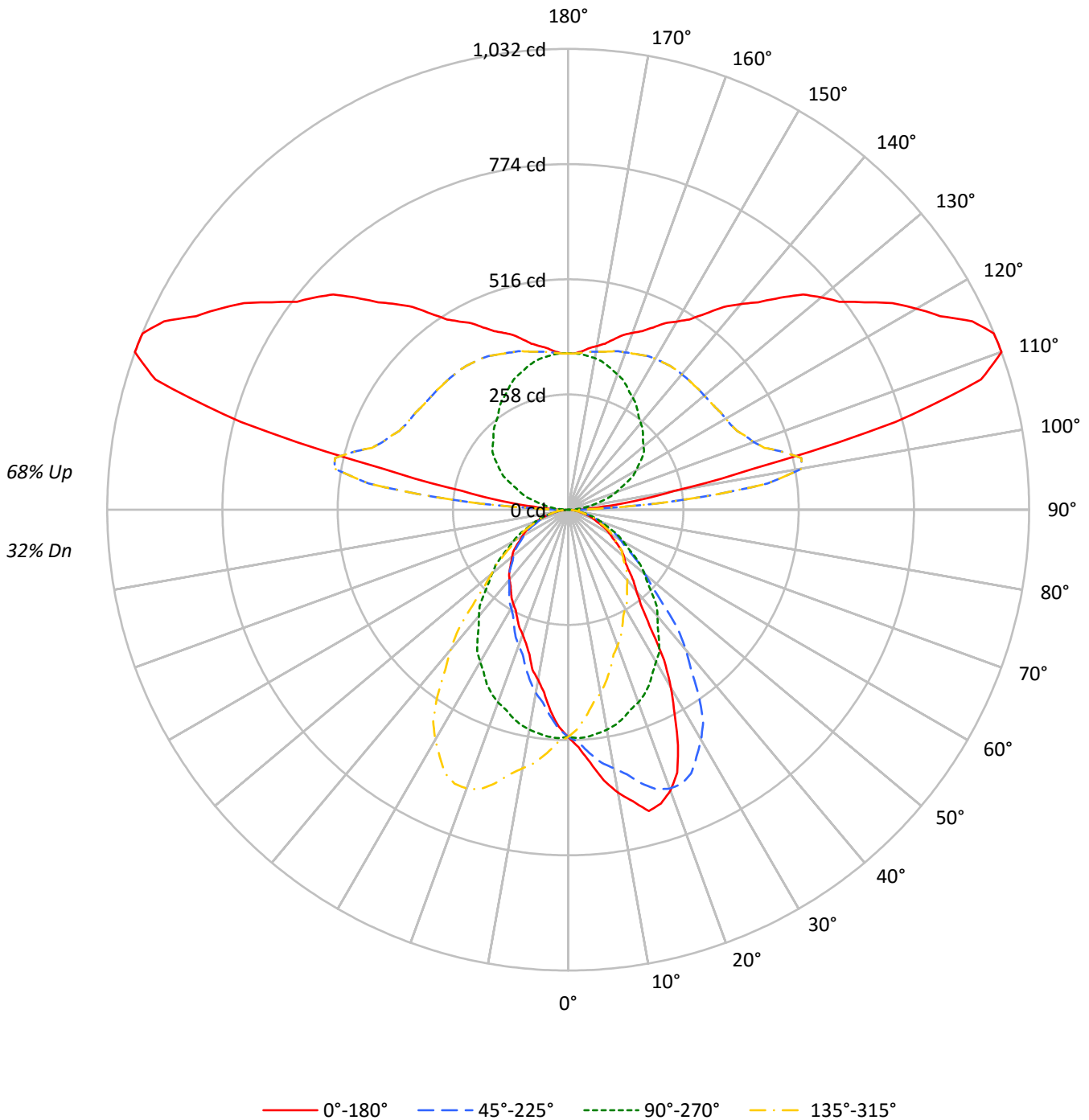
Input Watts (W): 31.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P331260-935

CATALOG NUMBER: S122DIP-S290D725U935-4F0-1E-UDD-A4

Luminous Intensity Polar Plot





TEST NUMBER: P331260-935

CATALOG NUMBER: S122DIP-S290D725U935-4F0-1E-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 | 0 |
| RCR | | | | | | | | | | | | | | | | | | |
| 0 | 103 | 103 | 103 | 103 | 92 | 92 | 92 | 92 | 73 | 73 | 73 | 55 | 55 | 55 | 39 | 39 | 39 | 32 |
| 1 | 94 | 90 | 86 | 83 | 84 | 81 | 78 | 75 | 64 | 62 | 60 | 49 | 48 | 47 | 35 | 34 | 34 | 27 |
| 2 | 86 | 79 | 73 | 68 | 77 | 71 | 66 | 62 | 57 | 53 | 50 | 43 | 41 | 39 | 31 | 30 | 29 | 23 |
| 3 | 78 | 69 | 63 | 57 | 70 | 63 | 57 | 52 | 50 | 46 | 43 | 39 | 36 | 34 | 28 | 26 | 25 | 20 |
| 4 | 72 | 62 | 54 | 48 | 64 | 56 | 49 | 44 | 45 | 40 | 37 | 35 | 32 | 29 | 25 | 23 | 22 | 17 |
| 5 | 66 | 55 | 47 | 41 | 59 | 50 | 43 | 38 | 40 | 35 | 32 | 31 | 28 | 25 | 23 | 21 | 19 | 15 |
| 6 | 61 | 49 | 42 | 36 | 55 | 45 | 38 | 33 | 36 | 31 | 28 | 28 | 25 | 22 | 21 | 19 | 17 | 14 |
| 7 | 56 | 44 | 37 | 32 | 50 | 40 | 34 | 29 | 33 | 28 | 24 | 26 | 22 | 20 | 19 | 17 | 15 | 12 |
| 8 | 52 | 40 | 33 | 28 | 47 | 37 | 30 | 26 | 30 | 25 | 22 | 24 | 20 | 18 | 18 | 15 | 14 | 11 |
| 9 | 48 | 37 | 30 | 25 | 44 | 34 | 27 | 23 | 27 | 23 | 19 | 22 | 18 | 16 | 16 | 14 | 12 | 10 |
| 10 | 45 | 34 | 27 | 22 | 41 | 31 | 25 | 21 | 25 | 21 | 17 | 20 | 17 | 14 | 15 | 13 | 11 | 9 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|------|------|------|
| 0° | 8217 | 8217 | 8217 | 8217 |
| 5° | 9211 | 8271 | 7329 | 8271 |
| 10° | 10557 | 8202 | 6342 | 8202 |
| 15° | 11677 | 8052 | 5605 | 8052 |
| 20° | 11500 | 7892 | 5108 | 7892 |
| 25° | 10368 | 7675 | 4794 | 7675 |
| 30° | 8569 | 7333 | 4566 | 7333 |
| 35° | 6244 | 6974 | 4401 | 6974 |
| 40° | 4989 | 6551 | 4312 | 6551 |
| 45° | 4359 | 6060 | 4190 | 6060 |
| 50° | 4099 | 5586 | 4107 | 5586 |
| 55° | 3775 | 5103 | 3997 | 5103 |
| 60° | 3462 | 4592 | 3830 | 4592 |
| 65° | 3156 | 4130 | 3660 | 4130 |
| 70° | 2861 | 3682 | 3418 | 3682 |
| 75° | 2539 | 3188 | 3026 | 3188 |
| 80° | 2185 | 2631 | 2436 | 2631 |
| 85° | 1964 | 1964 | 1445 | 1964 |



TEST NUMBER: P331260-935

CATALOG NUMBER: S122DIP-S290D725U935-4F0-1E-UDD-A4

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 48.5 | 1.4 |
| 10°-20° | 140.9 | 4.0 |
| 20°-30° | 204.5 | 5.7 |
| 30°-40° | 215.8 | 6.1 |
| 40°-50° | 191.1 | 5.4 |
| 50°-60° | 152.5 | 4.3 |
| 60°-70° | 103.6 | 2.9 |
| 70°-80° | 53.1 | 1.5 |
| 80°-90° | 16.0 | 0.4 |
| 90°-100° | 139.9 | 3.9 |
| 100°-110° | 474.9 | 13.3 |
| 110°-120° | 504.5 | 14.2 |
| 120°-130° | 415.3 | 11.7 |
| 130°-140° | 333.5 | 9.4 |
| 140°-150° | 252.0 | 7.1 |
| 150°-160° | 177.1 | 5.0 |
| 160°-170° | 104.3 | 2.9 |
| 170°-180° | 33.9 | 1.0 |
| 0°-30° | 393.9 | 11.1 |
| 0°-40° | 609.7 | 17.1 |
| 0°-60° | 953.2 | 26.8 |
| 0°-90° | 1125.9 | 31.6 |
| 90°-120° | 1119.3 | 31.4 |
| 90°-150° | 2120.1 | 59.5 |
| 90°-180° | 2435.0 | 68.4 |
| 0°-180° | 3561.4 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|-----|-----|------|------|------|------|
| 0° | 509 | 509 | 509 | 509 | 509 | |
| 5° | 568 | 510 | 452 | 510 | 568 | 57 |
| 15° | 699 | 482 | 335 | 482 | 699 | 193 |
| 25° | 582 | 431 | 269 | 431 | 582 | 263 |
| 35° | 317 | 354 | 223 | 354 | 317 | 206 |
| 45° | 191 | 265 | 184 | 265 | 191 | 150 |
| 55° | 134 | 181 | 142 | 181 | 134 | 120 |
| 65° | 83 | 108 | 96 | 108 | 83 | 82 |
| 75° | 41 | 51 | 48 | 51 | 41 | 43 |
| 85° | 11 | 11 | 8 | 11 | 11 | 12 |
| 90° | 22 | 1 | 22 | 1 | 22 | 12 |
| 95° | 77 | 24 | 77 | 24 | 77 | 100 |
| 105° | 758 | 82 | 758 | 82 | 758 | 734 |
| 115° | 998 | 145 | 998 | 145 | 998 | 977 |
| 125° | 810 | 202 | 810 | 202 | 810 | 732 |
| 135° | 671 | 237 | 671 | 237 | 671 | 521 |
| 145° | 536 | 270 | 536 | 270 | 536 | 340 |
| 155° | 450 | 308 | 450 | 308 | 450 | 210 |
| 165° | 395 | 335 | 395 | 335 | 395 | 113 |
| 175° | 356 | 349 | 356 | 349 | 356 | 35 |
| 180° | 350 | 350 | 350 | 350 | 350 | |



TEST NUMBER: P331260-935

CATALOG NUMBER: S122DIP-S290D725U935-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 508.9 | 508.9 | 508.9 | 508.9 | 508.9 | 508.9 | 508.9 | 508.9 | 508.9 | 508.9 | 508.9 |
| 2.5° | 532.4 | 532.5 | 532.9 | 530.4 | 530.0 | 530.0 | 527.9 | 526.0 | 523.7 | 520.8 | 521.2 |
| 5° | 568.3 | 570.5 | 571.3 | 568.9 | 565.4 | 565.1 | 561.7 | 556.3 | 551.1 | 547.1 | 544.2 |
| 7.5° | 611.3 | 612.2 | 610.3 | 607.2 | 604.6 | 599.9 | 593.7 | 587.6 | 579.1 | 571.4 | 565.6 |
| 10° | 643.9 | 645.1 | 641.7 | 637.2 | 633.5 | 628.0 | 619.1 | 609.8 | 598.7 | 588.0 | 579.4 |
| 12.5° | 668.6 | 671.5 | 667.2 | 666.7 | 660.3 | 652.7 | 642.0 | 637.4 | 621.7 | 606.7 | 597.4 |
| 15° | 698.6 | 698.4 | 698.9 | 695.1 | 690.4 | 689.2 | 678.0 | 665.6 | 643.5 | 634.6 | 619.4 |
| 17.5° | 689.9 | 692.9 | 694.3 | 694.2 | 694.1 | 693.4 | 689.7 | 682.0 | 670.9 | 656.6 | 639.0 |
| 20° | 669.3 | 673.2 | 673.8 | 678.3 | 680.9 | 684.2 | 685.5 | 683.4 | 676.6 | 664.6 | 649.4 |
| 22.5° | 637.4 | 638.5 | 640.3 | 647.3 | 652.8 | 661.2 | 665.5 | 672.8 | 670.1 | 664.3 | 651.5 |
| 25° | 582.0 | 580.1 | 586.9 | 590.5 | 603.2 | 616.5 | 626.1 | 636.6 | 646.0 | 651.7 | 648.0 |
| 27.5° | 515.7 | 512.7 | 523.0 | 532.4 | 542.6 | 557.1 | 572.0 | 589.6 | 604.2 | 622.7 | 629.0 |
| 30° | 459.6 | 461.4 | 471.1 | 481.1 | 496.8 | 517.1 | 534.0 | 553.3 | 574.3 | 594.8 | 609.1 |
| 32.5° | 399.2 | 406.0 | 412.2 | 427.5 | 441.3 | 463.9 | 488.6 | 512.8 | 538.9 | 562.2 | 584.4 |
| 35° | 316.8 | 324.7 | 333.3 | 344.4 | 363.8 | 386.2 | 410.4 | 443.0 | 478.6 | 510.5 | 536.7 |
| 37.5° | 266.7 | 265.4 | 270.4 | 278.4 | 294.1 | 312.3 | 340.0 | 372.2 | 414.1 | 451.6 | 488.6 |
| 40° | 236.7 | 235.9 | 239.4 | 246.8 | 258.7 | 272.1 | 296.4 | 324.7 | 363.6 | 409.4 | 453.4 |
| 42.5° | 216.0 | 216.5 | 218.4 | 223.7 | 231.9 | 242.8 | 261.0 | 285.1 | 320.7 | 363.9 | 411.1 |
| 45° | 190.9 | 192.3 | 194.4 | 197.0 | 201.6 | 210.7 | 220.8 | 238.1 | 266.2 | 302.2 | 348.7 |
| 47.5° | 172.8 | 172.9 | 175.0 | 177.3 | 180.0 | 185.1 | 193.5 | 204.2 | 224.1 | 253.4 | 293.4 |
| 50° | 163.2 | 161.8 | 163.3 | 165.1 | 168.0 | 171.5 | 177.0 | 187.2 | 200.4 | 224.1 | 257.6 |
| 52.5° | 151.2 | 151.3 | 152.7 | 153.3 | 155.9 | 159.5 | 164.5 | 171.5 | 183.6 | 202.1 | 229.5 |
| 55° | 134.1 | 135.2 | 136.0 | 137.1 | 139.5 | 142.0 | 145.9 | 150.6 | 160.0 | 173.8 | 194.2 |
| 57.5° | 118.1 | 118.5 | 119.2 | 121.5 | 123.0 | 125.3 | 129.0 | 133.3 | 139.4 | 149.6 | 165.0 |
| 60° | 107.2 | 107.2 | 108.7 | 109.7 | 111.7 | 114.0 | 116.9 | 121.1 | 126.6 | 134.9 | 147.3 |
| 62.5° | 97.2 | 97.0 | 97.6 | 99.3 | 100.7 | 102.9 | 105.8 | 109.3 | 114.5 | 122.0 | 132.1 |
| 65° | 82.6 | 82.1 | 83.3 | 83.7 | 85.2 | 87.4 | 89.8 | 93.5 | 97.6 | 103.1 | 112.1 |
| 67.5° | 68.4 | 69.0 | 69.6 | 70.3 | 71.1 | 73.4 | 75.0 | 77.6 | 81.1 | 85.7 | 91.7 |
| 70° | 60.6 | 60.6 | 60.6 | 61.2 | 62.4 | 63.5 | 65.1 | 67.2 | 70.6 | 74.5 | 80.0 |
| 72.5° | 51.8 | 52.5 | 53.1 | 52.8 | 54.2 | 54.9 | 56.8 | 58.0 | 61.2 | 63.7 | 68.5 |
| 75° | 40.7 | 40.7 | 40.7 | 41.7 | 42.3 | 42.8 | 44.0 | 45.2 | 46.8 | 49.9 | 52.4 |
| 77.5° | 30.4 | 30.3 | 30.5 | 30.7 | 31.3 | 32.0 | 32.4 | 33.4 | 34.9 | 36.3 | 38.5 |
| 80° | 23.5 | 23.8 | 24.0 | 24.5 | 24.5 | 24.8 | 25.1 | 26.4 | 27.4 | 28.3 | 29.7 |
| 82.5° | 18.2 | 18.3 | 18.3 | 18.3 | 18.5 | 18.8 | 19.3 | 19.7 | 20.1 | 20.8 | 21.9 |
| 85° | 10.6 | 10.3 | 10.3 | 10.8 | 10.6 | 10.6 | 10.9 | 11.4 | 11.4 | 11.5 | 12.1 |
| 87.5° | 8.5 | 8.5 | 8.7 | 8.5 | 8.5 | 8.5 | 8.3 | 8.4 | 8.7 | 9.0 | 9.0 |
| 90° | 22.2 | 22.2 | 22.2 | 22.2 | 22.2 | 21.5 | 20.2 | 21.5 | 22.2 | 22.9 | 22.2 |
| 92.5° | 37.3 | 38.4 | 37.8 | 40.0 | 40.6 | 44.7 | 50.4 | 58.7 | 73.9 | 87.5 | 86.3 |
| 95° | 76.7 | 76.0 | 78.1 | 83.4 | 92.2 | 107.0 | 135.3 | 176.3 | 230.8 | 263.8 | 233.6 |
| 97.5° | 151.0 | 156.7 | 166.5 | 183.0 | 215.2 | 263.8 | 336.7 | 411.5 | 472.5 | 450.4 | 339.2 |
| 100° | 240.9 | 253.0 | 272.6 | 301.5 | 357.4 | 438.9 | 531.1 | 614.5 | 628.6 | 531.7 | 366.1 |
| 102.5° | 424.0 | 440.4 | 464.8 | 514.2 | 574.9 | 661.2 | 728.7 | 747.5 | 686.7 | 534.4 | 355.9 |
| 105° | 758.5 | 767.9 | 796.9 | 838.6 | 880.4 | 902.6 | 893.8 | 817.8 | 677.8 | 498.7 | 335.9 |
| 107.5° | 968.9 | 981.5 | 987.2 | 989.5 | 984.3 | 951.7 | 881.7 | 767.2 | 618.6 | 460.5 | 325.9 |
| 110° | 1032.4 | 1033.1 | 1027.1 | 1014.3 | 985.3 | 930.1 | 844.0 | 723.5 | 581.5 | 442.2 | 323.7 |



TEST NUMBER: P331260-935

CATALOG NUMBER: S122DIP-S290D725U935-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 1031.4 | 1027.8 | 1016.3 | 994.9 | 954.7 | 891.4 | 799.3 | 683.7 | 555.7 | 430.3 | 324.3 |
| 115° | 998.2 | 992.0 | 974.6 | 943.6 | 895.8 | 826.5 | 738.3 | 634.6 | 523.7 | 417.3 | 327.1 |
| 117.5° | 938.7 | 933.7 | 915.2 | 882.5 | 833.8 | 768.8 | 688.8 | 597.8 | 503.4 | 411.0 | 331.9 |
| 120° | 900.5 | 893.8 | 874.3 | 842.7 | 795.6 | 734.3 | 663.0 | 579.5 | 492.7 | 407.2 | 335.2 |
| 122.5° | 860.7 | 855.1 | 837.7 | 806.6 | 764.3 | 708.9 | 641.4 | 565.0 | 483.5 | 405.0 | 339.0 |
| 125° | 809.7 | 804.3 | 787.5 | 761.9 | 722.8 | 672.4 | 613.1 | 543.8 | 470.5 | 401.1 | 344.6 |
| 127.5° | 765.0 | 760.7 | 746.1 | 722.2 | 688.1 | 641.5 | 585.7 | 523.0 | 458.3 | 398.8 | 350.4 |
| 130° | 739.7 | 734.3 | 720.8 | 697.9 | 665.0 | 620.5 | 567.4 | 509.5 | 450.3 | 397.8 | 354.7 |
| 132.5° | 713.3 | 708.4 | 696.0 | 673.2 | 640.8 | 599.0 | 550.2 | 496.5 | 443.8 | 397.3 | 359.0 |
| 135° | 671.1 | 668.3 | 656.3 | 634.0 | 605.0 | 567.4 | 523.0 | 478.5 | 434.8 | 396.4 | 364.1 |
| 137.5° | 629.6 | 625.5 | 614.9 | 595.8 | 569.4 | 536.6 | 501.3 | 464.2 | 428.4 | 396.3 | 368.7 |
| 140° | 601.1 | 597.0 | 586.9 | 569.4 | 547.9 | 518.2 | 487.3 | 455.0 | 424.7 | 395.7 | 370.8 |
| 142.5° | 572.5 | 571.7 | 562.7 | 546.8 | 526.3 | 501.5 | 474.9 | 447.5 | 420.9 | 395.7 | 372.5 |
| 145° | 535.7 | 533.7 | 527.0 | 515.6 | 499.4 | 479.9 | 459.0 | 436.8 | 415.9 | 394.4 | 374.2 |
| 147.5° | 504.9 | 503.7 | 499.1 | 490.0 | 476.6 | 462.4 | 446.1 | 428.6 | 410.9 | 392.0 | 374.8 |
| 150° | 486.6 | 485.9 | 481.9 | 473.8 | 463.7 | 451.6 | 437.5 | 422.7 | 406.5 | 390.4 | 374.2 |
| 152.5° | 471.0 | 470.9 | 467.9 | 460.9 | 453.0 | 442.5 | 430.5 | 416.7 | 402.8 | 387.7 | 373.2 |
| 155° | 450.3 | 451.6 | 448.9 | 444.2 | 436.8 | 429.4 | 419.3 | 408.5 | 395.7 | 383.0 | 371.5 |
| 157.5° | 432.7 | 432.7 | 431.4 | 427.5 | 422.2 | 416.5 | 408.0 | 399.0 | 389.2 | 378.2 | 368.4 |
| 160° | 421.3 | 421.3 | 420.7 | 417.3 | 412.6 | 407.9 | 400.5 | 393.0 | 384.4 | 374.9 | 366.8 |
| 162.5° | 410.5 | 411.1 | 410.4 | 408.1 | 403.5 | 399.8 | 393.5 | 387.1 | 380.0 | 372.2 | 365.2 |
| 165° | 395.1 | 395.7 | 395.7 | 393.0 | 390.4 | 387.7 | 383.0 | 378.2 | 372.9 | 366.8 | 362.1 |
| 167.5° | 380.8 | 381.6 | 381.8 | 380.3 | 379.1 | 376.6 | 373.4 | 369.8 | 365.8 | 362.1 | 359.0 |
| 170° | 372.2 | 373.5 | 374.2 | 372.2 | 371.5 | 370.1 | 367.5 | 365.5 | 362.1 | 359.4 | 357.4 |
| 172.5° | 365.2 | 366.0 | 366.7 | 365.8 | 365.1 | 364.3 | 362.1 | 360.6 | 358.3 | 356.2 | 355.2 |
| 175° | 356.0 | 357.4 | 358.1 | 357.4 | 357.4 | 356.7 | 356.0 | 355.3 | 353.4 | 352.7 | 352.0 |
| 177.5° | 350.5 | 351.6 | 352.1 | 352.1 | 352.1 | 352.1 | 351.6 | 351.6 | 350.5 | 350.0 | 350.5 |
| 180° | 350.0 | 350.0 | 350.0 | 350.0 | 350.0 | 350.0 | 350.0 | 350.0 | 350.0 | 350.0 | 350.0 |



TEST NUMBER: P331260-935

CATALOG NUMBER: S122DIP-S290D725U935-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 508.9 | 508.9 | 508.9 | 508.9 | 508.9 | 508.9 | 508.9 | 508.9 | 508.9 | 508.9 | 508.9 |
| 2.5° | 522.2 | 521.0 | 520.2 | 517.4 | 514.9 | 512.4 | 511.6 | 511.9 | 508.4 | 505.1 | 503.8 |
| 5° | 542.6 | 538.6 | 534.9 | 529.7 | 523.4 | 516.5 | 513.1 | 510.3 | 503.4 | 496.0 | 491.7 |
| 7.5° | 560.8 | 555.2 | 548.0 | 538.1 | 529.0 | 518.2 | 511.3 | 505.3 | 495.3 | 484.8 | 478.4 |
| 10° | 571.9 | 564.3 | 555.1 | 542.9 | 531.8 | 518.7 | 509.5 | 500.3 | 488.6 | 476.0 | 468.2 |
| 12.5° | 581.4 | 571.2 | 562.1 | 546.6 | 533.4 | 516.9 | 506.1 | 493.1 | 480.8 | 465.9 | 458.2 |
| 15° | 604.2 | 585.2 | 568.0 | 550.4 | 534.2 | 511.3 | 499.1 | 481.7 | 465.5 | 447.1 | 438.3 |
| 17.5° | 621.7 | 600.4 | 573.3 | 551.0 | 532.0 | 506.6 | 488.9 | 468.0 | 448.8 | 427.8 | 415.9 |
| 20° | 631.7 | 607.3 | 578.2 | 551.6 | 528.9 | 499.9 | 480.5 | 459.3 | 436.8 | 413.1 | 400.2 |
| 22.5° | 637.7 | 612.0 | 583.2 | 549.2 | 522.6 | 494.5 | 470.1 | 446.7 | 424.0 | 398.4 | 384.9 |
| 25° | 639.6 | 616.1 | 585.6 | 547.3 | 514.8 | 482.9 | 453.6 | 430.8 | 403.3 | 379.4 | 359.7 |
| 27.5° | 630.3 | 613.5 | 584.1 | 543.5 | 505.8 | 468.5 | 435.8 | 410.1 | 381.0 | 355.1 | 335.2 |
| 30° | 618.8 | 609.1 | 580.5 | 539.8 | 498.5 | 458.5 | 422.5 | 393.3 | 364.4 | 338.2 | 317.8 |
| 32.5° | 601.2 | 599.1 | 573.9 | 534.5 | 490.9 | 445.8 | 408.5 | 379.1 | 347.0 | 321.2 | 301.9 |
| 35° | 566.5 | 575.8 | 560.0 | 522.6 | 476.5 | 427.7 | 387.4 | 353.8 | 320.6 | 295.9 | 277.8 |
| 37.5° | 519.9 | 543.2 | 539.1 | 505.2 | 456.9 | 408.1 | 363.6 | 328.5 | 296.8 | 271.9 | 254.1 |
| 40° | 487.8 | 517.5 | 521.9 | 491.9 | 443.2 | 393.0 | 345.8 | 310.8 | 279.9 | 257.2 | 239.2 |
| 42.5° | 453.4 | 488.1 | 499.9 | 476.0 | 428.2 | 376.9 | 329.8 | 293.6 | 262.9 | 240.9 | 225.0 |
| 45° | 395.7 | 441.6 | 463.0 | 449.3 | 403.1 | 350.7 | 302.2 | 265.4 | 237.6 | 216.9 | 204.6 |
| 47.5° | 341.7 | 391.9 | 420.6 | 415.8 | 375.2 | 323.3 | 275.3 | 240.0 | 213.0 | 196.5 | 185.5 |
| 50° | 303.6 | 355.2 | 389.8 | 391.4 | 355.2 | 303.8 | 255.6 | 222.4 | 197.5 | 182.1 | 173.1 |
| 52.5° | 270.4 | 319.7 | 357.4 | 365.8 | 332.8 | 283.4 | 238.0 | 204.8 | 183.0 | 168.8 | 160.7 |
| 55° | 227.0 | 268.7 | 310.6 | 325.9 | 299.5 | 252.5 | 210.4 | 181.3 | 160.7 | 151.0 | 144.0 |
| 57.5° | 188.8 | 223.5 | 262.2 | 279.1 | 262.8 | 222.6 | 183.1 | 157.8 | 141.2 | 132.6 | 127.2 |
| 60° | 168.6 | 196.0 | 230.4 | 250.6 | 236.4 | 200.7 | 166.3 | 142.2 | 128.5 | 120.9 | 115.8 |
| 62.5° | 149.8 | 174.1 | 203.2 | 221.6 | 214.0 | 180.2 | 149.4 | 128.1 | 116.3 | 109.2 | 105.5 |
| 65° | 123.6 | 142.8 | 165.3 | 182.3 | 177.2 | 151.6 | 126.3 | 108.1 | 98.8 | 93.1 | 90.1 |
| 67.5° | 101.8 | 115.6 | 131.2 | 146.1 | 142.1 | 123.9 | 103.7 | 89.5 | 82.5 | 77.6 | 75.8 |
| 70° | 88.0 | 98.6 | 112.4 | 124.4 | 121.1 | 106.2 | 90.1 | 78.0 | 72.0 | 67.8 | 66.1 |
| 72.5° | 74.9 | 83.5 | 94.2 | 103.9 | 101.7 | 89.3 | 75.9 | 66.8 | 62.1 | 58.3 | 56.9 |
| 75° | 56.6 | 63.2 | 69.7 | 76.1 | 75.5 | 66.0 | 58.1 | 51.1 | 47.4 | 44.4 | 43.8 |
| 77.5° | 41.8 | 45.5 | 49.9 | 53.6 | 52.6 | 47.1 | 41.0 | 36.9 | 34.3 | 32.3 | 31.9 |
| 80° | 31.9 | 34.0 | 37.2 | 39.9 | 38.6 | 36.2 | 31.3 | 28.3 | 26.4 | 24.5 | 23.7 |
| 82.5° | 23.2 | 25.2 | 27.1 | 28.7 | 27.6 | 25.4 | 22.4 | 20.4 | 19.2 | 17.9 | 17.6 |
| 85° | 12.1 | 13.3 | 14.1 | 14.5 | 14.1 | 12.7 | 11.4 | 10.6 | 9.6 | 9.0 | 8.8 |
| 87.5° | 8.4 | 7.4 | 6.7 | 6.6 | 5.9 | 5.6 | 4.5 | 3.6 | 3.8 | 4.2 | 4.1 |
| 90° | 18.2 | 13.4 | 10.1 | 8.1 | 6.7 | 5.4 | 2.7 | 0.7 | 2.7 | 5.4 | 6.7 |
| 92.5° | 67.2 | 45.8 | 30.6 | 24.2 | 19.6 | 16.7 | 11.9 | 8.2 | 11.9 | 16.7 | 19.6 |
| 95° | 155.5 | 96.9 | 66.0 | 49.8 | 39.0 | 33.0 | 26.3 | 23.6 | 26.3 | 33.0 | 39.0 |
| 97.5° | 209.5 | 127.9 | 88.9 | 70.7 | 58.3 | 49.2 | 42.0 | 38.4 | 42.0 | 49.2 | 58.3 |
| 100° | 220.8 | 138.6 | 103.0 | 84.1 | 70.7 | 59.9 | 53.8 | 51.8 | 53.8 | 59.9 | 70.7 |
| 102.5° | 221.3 | 148.4 | 115.4 | 96.5 | 82.5 | 71.7 | 65.7 | 64.2 | 65.7 | 71.7 | 82.5 |
| 105° | 224.8 | 164.9 | 133.3 | 114.4 | 99.6 | 89.5 | 84.8 | 82.1 | 84.8 | 89.5 | 99.6 |
| 107.5° | 234.1 | 181.8 | 151.2 | 132.2 | 117.5 | 108.2 | 103.7 | 101.5 | 103.7 | 108.2 | 117.5 |
| 110° | 241.6 | 193.1 | 163.6 | 144.0 | 129.9 | 121.1 | 117.1 | 114.4 | 117.1 | 121.1 | 129.9 |



TEST NUMBER: P331260-935

CATALOG NUMBER: S122DIP-S290D725U935-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 249.7 | 204.0 | 175.4 | 155.3 | 141.7 | 133.5 | 129.0 | 126.2 | 129.0 | 133.5 | 141.7 |
| 115° | 261.8 | 220.8 | 191.8 | 173.7 | 160.1 | 152.1 | 148.1 | 144.7 | 148.1 | 152.1 | 160.1 |
| 117.5° | 274.7 | 236.3 | 209.5 | 190.6 | 177.7 | 170.6 | 166.5 | 163.8 | 166.5 | 170.6 | 177.7 |
| 120° | 283.4 | 247.0 | 220.8 | 201.9 | 188.5 | 182.4 | 178.4 | 175.6 | 178.4 | 182.4 | 188.5 |
| 122.5° | 290.9 | 257.3 | 232.6 | 213.2 | 199.8 | 193.1 | 189.2 | 187.0 | 189.2 | 193.1 | 199.8 |
| 125° | 302.9 | 272.6 | 248.3 | 229.5 | 216.0 | 207.9 | 204.0 | 201.9 | 204.0 | 207.9 | 216.0 |
| 127.5° | 314.0 | 286.9 | 263.3 | 243.9 | 231.0 | 222.1 | 216.5 | 213.8 | 216.5 | 222.1 | 231.0 |
| 130° | 321.1 | 295.5 | 271.9 | 253.0 | 239.6 | 230.1 | 223.4 | 220.8 | 223.4 | 230.1 | 239.6 |
| 132.5° | 328.0 | 303.0 | 280.5 | 261.7 | 247.7 | 237.7 | 230.5 | 227.2 | 230.5 | 237.7 | 247.7 |
| 135° | 337.2 | 313.7 | 292.1 | 273.3 | 257.8 | 247.7 | 239.6 | 236.9 | 239.6 | 247.7 | 257.8 |
| 137.5° | 344.2 | 322.3 | 301.0 | 283.5 | 268.1 | 257.4 | 249.3 | 246.1 | 249.3 | 257.4 | 268.1 |
| 140° | 347.9 | 327.1 | 306.9 | 289.4 | 274.6 | 263.8 | 255.7 | 253.0 | 255.7 | 263.8 | 274.6 |
| 142.5° | 351.2 | 330.9 | 311.3 | 294.8 | 280.5 | 269.8 | 262.3 | 260.0 | 262.3 | 269.8 | 280.5 |
| 145° | 355.3 | 336.6 | 318.3 | 303.5 | 290.1 | 280.0 | 273.3 | 270.5 | 273.3 | 280.0 | 290.1 |
| 147.5° | 357.7 | 341.1 | 324.0 | 310.8 | 299.6 | 290.3 | 283.9 | 281.9 | 283.9 | 290.3 | 299.6 |
| 150° | 358.7 | 343.3 | 327.8 | 315.6 | 305.6 | 296.8 | 291.4 | 289.4 | 291.4 | 296.8 | 305.6 |
| 152.5° | 359.3 | 345.4 | 331.6 | 320.5 | 310.9 | 303.2 | 297.9 | 297.0 | 297.9 | 303.2 | 310.9 |
| 155° | 360.1 | 348.6 | 337.2 | 327.1 | 319.7 | 312.3 | 308.2 | 307.5 | 308.2 | 312.3 | 319.7 |
| 157.5° | 360.1 | 350.9 | 341.2 | 332.8 | 326.8 | 320.4 | 317.1 | 316.5 | 317.1 | 320.4 | 326.8 |
| 160° | 360.1 | 352.0 | 343.9 | 336.6 | 331.1 | 325.7 | 323.0 | 322.4 | 323.0 | 325.7 | 331.1 |
| 162.5° | 359.6 | 352.6 | 345.5 | 339.8 | 334.9 | 330.6 | 327.9 | 328.3 | 327.9 | 330.6 | 334.9 |
| 165° | 358.1 | 353.4 | 347.3 | 343.3 | 339.9 | 335.9 | 334.5 | 335.2 | 334.5 | 335.9 | 339.9 |
| 167.5° | 357.1 | 353.2 | 348.8 | 346.2 | 343.8 | 341.2 | 340.0 | 340.9 | 340.0 | 341.2 | 343.8 |
| 170° | 356.0 | 352.7 | 349.3 | 347.3 | 345.9 | 343.9 | 343.3 | 344.6 | 343.3 | 343.9 | 345.9 |
| 172.5° | 354.4 | 352.1 | 349.8 | 348.4 | 347.6 | 345.5 | 345.9 | 346.7 | 345.9 | 345.5 | 347.6 |
| 175° | 352.7 | 351.3 | 350.0 | 349.3 | 349.3 | 347.9 | 348.6 | 349.3 | 348.6 | 347.9 | 349.3 |
| 177.5° | 351.6 | 350.5 | 350.0 | 350.0 | 350.0 | 348.9 | 349.5 | 350.5 | 349.5 | 348.9 | 350.0 |
| 180° | 350.0 | 350.0 | 350.0 | 350.0 | 350.0 | 350.0 | 350.0 | 350.0 | 350.0 | 350.0 | 350.0 |



TEST NUMBER: P331260-935

CATALOG NUMBER: S122DIP-S290D725U935-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 508.9 | 508.9 | 508.9 | 508.9 | 508.9 | 508.9 | 508.9 | 508.9 | 508.9 | 508.9 | 508.9 |
| 2.5° | 502.2 | 501.3 | 498.0 | 496.3 | 493.4 | 490.8 | 489.0 | 489.8 | 490.4 | 490.2 | 489.7 |
| 5° | 487.8 | 484.1 | 478.4 | 473.6 | 470.0 | 463.6 | 460.8 | 459.4 | 458.2 | 456.9 | 455.6 |
| 7.5° | 470.6 | 464.8 | 456.7 | 449.7 | 443.2 | 435.1 | 430.5 | 427.8 | 425.0 | 421.9 | 419.1 |
| 10° | 458.5 | 450.2 | 441.6 | 431.9 | 424.0 | 416.8 | 410.4 | 406.0 | 402.1 | 398.4 | 395.7 |
| 12.5° | 445.7 | 436.2 | 425.5 | 412.2 | 403.6 | 393.1 | 392.2 | 384.6 | 378.5 | 376.2 | 373.0 |
| 15° | 425.2 | 411.9 | 398.4 | 382.5 | 375.7 | 366.4 | 360.5 | 354.6 | 349.3 | 345.6 | 344.7 |
| 17.5° | 402.0 | 384.8 | 371.3 | 360.0 | 348.8 | 339.1 | 333.7 | 329.1 | 324.7 | 319.8 | 319.1 |
| 20° | 384.4 | 369.5 | 354.8 | 344.8 | 333.3 | 323.5 | 316.8 | 312.2 | 308.4 | 305.5 | 303.0 |
| 22.5° | 367.6 | 351.3 | 337.9 | 327.0 | 315.6 | 307.7 | 302.5 | 297.9 | 294.8 | 291.6 | 289.2 |
| 25° | 340.7 | 328.0 | 313.3 | 301.0 | 291.6 | 286.5 | 282.2 | 278.4 | 276.4 | 274.2 | 271.5 |
| 27.5° | 317.2 | 303.1 | 289.4 | 279.8 | 271.6 | 267.1 | 264.0 | 261.3 | 259.5 | 258.2 | 256.7 |
| 30° | 300.7 | 286.4 | 275.6 | 266.2 | 259.3 | 254.9 | 252.9 | 251.3 | 249.2 | 248.4 | 247.6 |
| 32.5° | 284.6 | 271.8 | 262.6 | 254.4 | 248.0 | 245.0 | 243.2 | 241.8 | 240.1 | 239.4 | 237.7 |
| 35° | 262.1 | 251.3 | 242.4 | 237.8 | 232.6 | 230.0 | 228.7 | 226.7 | 225.2 | 224.4 | 224.1 |
| 37.5° | 240.8 | 231.5 | 225.6 | 219.8 | 217.6 | 216.0 | 214.1 | 212.8 | 212.3 | 212.2 | 212.0 |
| 40° | 227.0 | 219.5 | 214.1 | 209.5 | 208.5 | 206.1 | 204.6 | 203.5 | 203.5 | 203.6 | 203.5 |
| 42.5° | 214.6 | 207.7 | 203.0 | 199.0 | 197.9 | 196.5 | 194.8 | 194.8 | 195.1 | 195.8 | 195.1 |
| 45° | 195.6 | 190.7 | 187.4 | 185.5 | 183.3 | 181.9 | 181.7 | 182.3 | 182.4 | 182.7 | 183.3 |
| 47.5° | 178.1 | 174.9 | 171.9 | 169.7 | 168.8 | 168.6 | 168.3 | 169.4 | 170.3 | 170.7 | 171.5 |
| 50° | 167.8 | 164.1 | 161.5 | 160.1 | 159.4 | 159.0 | 159.4 | 160.6 | 161.4 | 162.3 | 162.9 |
| 52.5° | 156.3 | 153.6 | 151.9 | 150.8 | 150.5 | 150.8 | 150.8 | 152.1 | 153.3 | 153.8 | 154.0 |
| 55° | 140.3 | 138.3 | 137.9 | 136.1 | 136.9 | 136.7 | 137.7 | 138.4 | 139.7 | 140.9 | 141.0 |
| 57.5° | 124.2 | 122.7 | 121.7 | 121.8 | 122.1 | 123.0 | 123.7 | 125.1 | 126.3 | 127.6 | 127.7 |
| 60° | 113.7 | 112.9 | 112.3 | 112.3 | 112.6 | 113.8 | 114.8 | 116.1 | 116.9 | 117.8 | 118.3 |
| 62.5° | 103.9 | 103.1 | 102.5 | 102.9 | 103.9 | 104.6 | 105.7 | 106.5 | 107.3 | 108.1 | 108.3 |
| 65° | 88.6 | 88.3 | 88.8 | 89.2 | 89.4 | 90.3 | 91.7 | 92.3 | 93.1 | 93.5 | 94.9 |
| 67.5° | 74.5 | 74.6 | 74.5 | 75.0 | 76.2 | 76.4 | 77.7 | 79.0 | 79.2 | 80.0 | 80.8 |
| 70° | 64.9 | 65.3 | 65.7 | 66.1 | 67.1 | 67.5 | 68.4 | 69.1 | 69.8 | 70.4 | 71.0 |
| 72.5° | 56.1 | 56.2 | 56.7 | 56.6 | 57.4 | 58.2 | 59.1 | 59.7 | 60.4 | 61.2 | 61.7 |
| 75° | 43.2 | 43.2 | 43.7 | 43.8 | 44.8 | 45.8 | 45.5 | 46.0 | 46.8 | 47.5 | 48.0 |
| 77.5° | 31.6 | 31.2 | 31.6 | 31.8 | 32.1 | 32.9 | 33.1 | 33.6 | 34.5 | 34.3 | 34.7 |
| 80° | 24.0 | 23.5 | 24.0 | 24.3 | 24.3 | 25.2 | 25.2 | 25.7 | 26.2 | 25.7 | 26.2 |
| 82.5° | 17.1 | 16.9 | 17.3 | 17.4 | 17.7 | 17.7 | 18.0 | 18.1 | 18.7 | 18.4 | 18.7 |
| 85° | 8.6 | 8.4 | 8.6 | 8.4 | 8.6 | 8.8 | 8.8 | 8.6 | 8.6 | 9.0 | 8.4 |
| 87.5° | 4.3 | 4.6 | 5.1 | 5.9 | 6.6 | 6.6 | 6.3 | 6.2 | 5.9 | 5.9 | 6.0 |
| 90° | 8.1 | 10.1 | 13.4 | 18.2 | 22.2 | 22.9 | 22.2 | 21.5 | 20.2 | 21.5 | 22.2 |
| 92.5° | 24.2 | 30.6 | 45.8 | 67.2 | 86.3 | 87.5 | 73.9 | 58.7 | 50.4 | 44.7 | 40.6 |
| 95° | 49.8 | 66.0 | 96.9 | 155.5 | 233.6 | 263.8 | 230.8 | 176.3 | 135.3 | 107.0 | 92.2 |
| 97.5° | 70.7 | 88.9 | 127.9 | 209.5 | 339.2 | 450.4 | 472.5 | 411.5 | 336.7 | 263.8 | 215.2 |
| 100° | 84.1 | 103.0 | 138.6 | 220.8 | 366.1 | 531.7 | 628.6 | 614.5 | 531.1 | 438.9 | 357.4 |
| 102.5° | 96.5 | 115.4 | 148.4 | 221.3 | 355.9 | 534.4 | 686.7 | 747.5 | 728.7 | 661.2 | 574.9 |
| 105° | 114.4 | 133.3 | 164.9 | 224.8 | 335.9 | 498.7 | 677.8 | 817.8 | 893.8 | 902.6 | 880.4 |
| 107.5° | 132.2 | 151.2 | 181.8 | 234.1 | 325.9 | 460.5 | 618.6 | 767.2 | 881.7 | 951.7 | 984.3 |
| 110° | 144.0 | 163.6 | 193.1 | 241.6 | 323.7 | 442.2 | 581.5 | 723.5 | 844.0 | 930.1 | 985.3 |



TEST NUMBER: P331260-935

CATALOG NUMBER: S122DIP-S290D725U935-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 155.3 | 175.4 | 204.0 | 249.7 | 324.3 | 430.3 | 555.7 | 683.7 | 799.3 | 891.4 | 954.7 |
| 115° | 173.7 | 191.8 | 220.8 | 261.8 | 327.1 | 417.3 | 523.7 | 634.6 | 738.3 | 826.5 | 895.8 |
| 117.5° | 190.6 | 209.5 | 236.3 | 274.7 | 331.9 | 411.0 | 503.4 | 597.8 | 688.8 | 768.8 | 833.8 |
| 120° | 201.9 | 220.8 | 247.0 | 283.4 | 335.2 | 407.2 | 492.7 | 579.5 | 663.0 | 734.3 | 795.6 |
| 122.5° | 213.2 | 232.6 | 257.3 | 290.9 | 339.0 | 405.0 | 483.5 | 565.0 | 641.4 | 708.9 | 764.3 |
| 125° | 229.5 | 248.3 | 272.6 | 302.9 | 344.6 | 401.1 | 470.5 | 543.8 | 613.1 | 672.4 | 722.8 |
| 127.5° | 243.9 | 263.3 | 286.9 | 314.0 | 350.4 | 398.8 | 458.3 | 523.0 | 585.7 | 641.5 | 688.1 |
| 130° | 253.0 | 271.9 | 295.5 | 321.1 | 354.7 | 397.8 | 450.3 | 509.5 | 567.4 | 620.5 | 665.0 |
| 132.5° | 261.7 | 280.5 | 303.0 | 328.0 | 359.0 | 397.3 | 443.8 | 496.5 | 550.2 | 599.0 | 640.8 |
| 135° | 273.3 | 292.1 | 313.7 | 337.2 | 364.1 | 396.4 | 434.8 | 478.5 | 523.0 | 567.4 | 605.0 |
| 137.5° | 283.5 | 301.0 | 322.3 | 344.2 | 368.7 | 396.3 | 428.4 | 464.2 | 501.3 | 536.6 | 569.4 |
| 140° | 289.4 | 306.9 | 327.1 | 347.9 | 370.8 | 395.7 | 424.7 | 455.0 | 487.3 | 518.2 | 547.9 |
| 142.5° | 294.8 | 311.3 | 330.9 | 351.2 | 372.5 | 395.7 | 420.9 | 447.5 | 474.9 | 501.5 | 526.3 |
| 145° | 303.5 | 318.3 | 336.6 | 355.3 | 374.2 | 394.4 | 415.9 | 436.8 | 459.0 | 479.9 | 499.4 |
| 147.5° | 310.8 | 324.0 | 341.1 | 357.7 | 374.8 | 392.0 | 410.9 | 428.6 | 446.1 | 462.4 | 476.6 |
| 150° | 315.6 | 327.8 | 343.3 | 358.7 | 374.2 | 390.4 | 406.5 | 422.7 | 437.5 | 451.6 | 463.7 |
| 152.5° | 320.5 | 331.6 | 345.4 | 359.3 | 373.2 | 387.7 | 402.8 | 416.7 | 430.5 | 442.5 | 453.0 |
| 155° | 327.1 | 337.2 | 348.6 | 360.1 | 371.5 | 383.0 | 395.7 | 408.5 | 419.3 | 429.4 | 436.8 |
| 157.5° | 332.8 | 341.2 | 350.9 | 360.1 | 368.4 | 378.2 | 389.2 | 399.0 | 408.0 | 416.5 | 422.2 |
| 160° | 336.6 | 343.9 | 352.0 | 360.1 | 366.8 | 374.9 | 384.4 | 393.0 | 400.5 | 407.9 | 412.6 |
| 162.5° | 339.8 | 345.5 | 352.6 | 359.6 | 365.2 | 372.2 | 380.0 | 387.1 | 393.5 | 399.8 | 403.5 |
| 165° | 343.3 | 347.3 | 353.4 | 358.1 | 362.1 | 366.8 | 372.9 | 378.2 | 383.0 | 387.7 | 390.4 |
| 167.5° | 346.2 | 348.8 | 353.2 | 357.1 | 359.0 | 362.1 | 365.8 | 369.8 | 373.4 | 376.6 | 379.1 |
| 170° | 347.3 | 349.3 | 352.7 | 356.0 | 357.4 | 359.4 | 362.1 | 365.5 | 367.5 | 370.1 | 371.5 |
| 172.5° | 348.4 | 349.8 | 352.1 | 354.4 | 355.2 | 356.2 | 358.3 | 360.6 | 362.1 | 364.3 | 365.1 |
| 175° | 349.3 | 350.0 | 351.3 | 352.7 | 352.0 | 352.7 | 353.4 | 355.3 | 356.0 | 356.7 | 357.4 |
| 177.5° | 350.0 | 350.0 | 350.5 | 351.6 | 350.5 | 350.0 | 350.5 | 351.6 | 351.6 | 352.1 | 352.1 |
| 180° | 350.0 | 350.0 | 350.0 | 350.0 | 350.0 | 350.0 | 350.0 | 350.0 | 350.0 | 350.0 | 350.0 |



TEST NUMBER: P331260-935

CATALOG NUMBER: S122DIP-S290D725U935-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|
| 0° | 508.9 | 508.9 | 508.9 | 508.9 | 508.9 | 508.9 | 508.9 | 508.9 | 508.9 | 508.9 | 508.9 |
| 2.5° | 488.1 | 487.8 | 487.8 | 486.4 | 487.8 | 487.8 | 488.1 | 489.7 | 490.2 | 490.4 | 489.8 |
| 5° | 452.8 | 452.2 | 451.3 | 452.2 | 451.3 | 452.2 | 452.8 | 455.6 | 456.9 | 458.2 | 459.4 |
| 7.5° | 417.8 | 415.5 | 415.2 | 412.8 | 415.2 | 415.5 | 417.8 | 419.1 | 421.9 | 425.0 | 427.8 |
| 10° | 392.4 | 390.8 | 390.5 | 386.8 | 390.5 | 390.8 | 392.4 | 395.7 | 398.4 | 402.1 | 406.0 |
| 12.5° | 373.0 | 369.2 | 370.0 | 367.8 | 370.0 | 369.2 | 373.0 | 373.0 | 376.2 | 378.5 | 384.6 |
| 15° | 339.3 | 339.3 | 338.5 | 335.3 | 338.5 | 339.3 | 339.3 | 344.7 | 345.6 | 349.3 | 354.6 |
| 17.5° | 315.2 | 314.8 | 313.0 | 313.9 | 313.0 | 314.8 | 315.2 | 319.1 | 319.8 | 324.7 | 329.1 |
| 20° | 300.8 | 299.6 | 297.3 | 297.3 | 297.3 | 299.6 | 300.8 | 303.0 | 305.5 | 308.4 | 312.2 |
| 22.5° | 287.2 | 287.1 | 284.6 | 285.4 | 284.6 | 287.1 | 287.2 | 289.2 | 291.6 | 294.8 | 297.9 |
| 25° | 271.3 | 269.8 | 268.5 | 269.1 | 268.5 | 269.8 | 271.3 | 271.5 | 274.2 | 276.4 | 278.4 |
| 27.5° | 256.1 | 255.3 | 255.2 | 253.7 | 255.2 | 255.3 | 256.1 | 256.7 | 258.2 | 259.5 | 261.3 |
| 30° | 247.5 | 245.5 | 245.8 | 244.9 | 245.8 | 245.5 | 247.5 | 247.6 | 248.4 | 249.2 | 251.3 |
| 32.5° | 237.4 | 236.7 | 236.3 | 235.5 | 236.3 | 236.7 | 237.4 | 237.7 | 239.4 | 240.1 | 241.8 |
| 35° | 223.8 | 223.9 | 223.0 | 223.3 | 223.0 | 223.9 | 223.8 | 224.1 | 224.4 | 225.2 | 226.7 |
| 37.5° | 211.8 | 212.4 | 212.0 | 212.1 | 212.0 | 212.4 | 211.8 | 212.0 | 212.2 | 212.3 | 212.8 |
| 40° | 204.0 | 204.0 | 204.0 | 204.6 | 204.0 | 204.0 | 204.0 | 203.5 | 203.6 | 203.5 | 203.5 |
| 42.5° | 196.5 | 196.1 | 195.9 | 195.8 | 195.9 | 196.1 | 196.5 | 195.1 | 195.8 | 195.1 | 194.8 |
| 45° | 183.7 | 184.3 | 184.4 | 183.5 | 184.4 | 184.3 | 183.7 | 183.3 | 182.7 | 182.4 | 182.3 |
| 47.5° | 172.0 | 172.1 | 172.0 | 172.9 | 172.0 | 172.1 | 172.0 | 171.5 | 170.7 | 170.3 | 169.4 |
| 50° | 163.9 | 163.5 | 163.9 | 163.5 | 163.9 | 163.5 | 163.9 | 162.9 | 162.3 | 161.4 | 160.6 |
| 52.5° | 155.3 | 155.4 | 155.2 | 155.1 | 155.2 | 155.4 | 155.3 | 154.0 | 153.8 | 153.3 | 152.1 |
| 55° | 141.8 | 142.2 | 142.0 | 142.0 | 142.0 | 142.2 | 141.8 | 141.0 | 140.9 | 139.7 | 138.4 |
| 57.5° | 127.9 | 128.2 | 128.5 | 127.6 | 128.5 | 128.2 | 127.9 | 127.7 | 127.6 | 126.3 | 125.1 |
| 60° | 118.1 | 119.1 | 118.9 | 118.6 | 118.9 | 119.1 | 118.1 | 118.3 | 117.8 | 116.9 | 116.1 |
| 62.5° | 109.2 | 109.6 | 109.5 | 109.4 | 109.5 | 109.6 | 109.2 | 108.3 | 108.1 | 107.3 | 106.5 |
| 65° | 95.5 | 95.8 | 95.2 | 95.8 | 95.2 | 95.8 | 95.5 | 94.9 | 93.5 | 93.1 | 92.3 |
| 67.5° | 80.6 | 80.8 | 81.2 | 81.5 | 81.2 | 80.8 | 80.6 | 80.8 | 80.0 | 79.2 | 79.0 |
| 70° | 71.4 | 71.2 | 71.8 | 72.4 | 71.8 | 71.2 | 71.4 | 71.0 | 70.4 | 69.8 | 69.1 |
| 72.5° | 61.6 | 62.1 | 61.9 | 62.3 | 61.9 | 62.1 | 61.6 | 61.7 | 61.2 | 60.4 | 59.7 |
| 75° | 47.5 | 48.1 | 48.0 | 48.5 | 48.0 | 48.1 | 47.5 | 48.0 | 47.5 | 46.8 | 46.0 |
| 77.5° | 34.4 | 34.4 | 34.4 | 34.7 | 34.4 | 34.4 | 34.4 | 34.7 | 34.3 | 34.5 | 33.6 |
| 80° | 26.2 | 25.8 | 25.4 | 26.2 | 25.4 | 25.8 | 26.2 | 26.2 | 25.7 | 26.2 | 25.7 |
| 82.5° | 18.3 | 18.4 | 18.1 | 18.1 | 18.1 | 18.4 | 18.3 | 18.7 | 18.4 | 18.7 | 18.1 |
| 85° | 8.4 | 8.2 | 7.8 | 7.8 | 7.8 | 8.2 | 8.4 | 8.4 | 9.0 | 8.6 | 8.6 |
| 87.5° | 6.0 | 5.9 | 5.9 | 5.7 | 5.9 | 5.9 | 6.0 | 6.0 | 5.9 | 5.9 | 6.2 |
| 90° | 22.2 | 22.2 | 22.2 | 22.2 | 22.2 | 22.2 | 22.2 | 22.2 | 21.5 | 20.2 | 21.5 |
| 92.5° | 40.0 | 37.8 | 38.4 | 37.3 | 38.4 | 37.8 | 40.0 | 40.6 | 44.7 | 50.4 | 58.7 |
| 95° | 83.4 | 78.1 | 76.0 | 76.7 | 76.0 | 78.1 | 83.4 | 92.2 | 107.0 | 135.3 | 176.3 |
| 97.5° | 183.0 | 166.5 | 156.7 | 151.0 | 156.7 | 166.5 | 183.0 | 215.2 | 263.8 | 336.7 | 411.5 |
| 100° | 301.5 | 272.6 | 253.0 | 240.9 | 253.0 | 272.6 | 301.5 | 357.4 | 438.9 | 531.1 | 614.5 |
| 102.5° | 514.2 | 464.8 | 440.4 | 424.0 | 440.4 | 464.8 | 514.2 | 574.9 | 661.2 | 728.7 | 747.5 |
| 105° | 838.6 | 796.9 | 767.9 | 758.5 | 767.9 | 796.9 | 838.6 | 880.4 | 902.6 | 893.8 | 817.8 |
| 107.5° | 989.5 | 987.2 | 981.5 | 968.9 | 981.5 | 987.2 | 989.5 | 984.3 | 951.7 | 881.7 | 767.2 |
| 110° | 1014.3 | 1027.1 | 1033.1 | 1032.4 | 1033.1 | 1027.1 | 1014.3 | 985.3 | 930.1 | 844.0 | 723.5 |



TEST NUMBER: P331260-935

CATALOG NUMBER: S122DIP-S290D725U935-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|
| 112.5° | 994.9 | 1016.3 | 1027.8 | 1031.4 | 1027.8 | 1016.3 | 994.9 | 954.7 | 891.4 | 799.3 | 683.7 |
| 115° | 943.6 | 974.6 | 992.0 | 998.2 | 992.0 | 974.6 | 943.6 | 895.8 | 826.5 | 738.3 | 634.6 |
| 117.5° | 882.5 | 915.2 | 933.7 | 938.7 | 933.7 | 915.2 | 882.5 | 833.8 | 768.8 | 688.8 | 597.8 |
| 120° | 842.7 | 874.3 | 893.8 | 900.5 | 893.8 | 874.3 | 842.7 | 795.6 | 734.3 | 663.0 | 579.5 |
| 122.5° | 806.6 | 837.7 | 855.1 | 860.7 | 855.1 | 837.7 | 806.6 | 764.3 | 708.9 | 641.4 | 565.0 |
| 125° | 761.9 | 787.5 | 804.3 | 809.7 | 804.3 | 787.5 | 761.9 | 722.8 | 672.4 | 613.1 | 543.8 |
| 127.5° | 722.2 | 746.1 | 760.7 | 765.0 | 760.7 | 746.1 | 722.2 | 688.1 | 641.5 | 585.7 | 523.0 |
| 130° | 697.9 | 720.8 | 734.3 | 739.7 | 734.3 | 720.8 | 697.9 | 665.0 | 620.5 | 567.4 | 509.5 |
| 132.5° | 673.2 | 696.0 | 708.4 | 713.3 | 708.4 | 696.0 | 673.2 | 640.8 | 599.0 | 550.2 | 496.5 |
| 135° | 634.0 | 656.3 | 668.3 | 671.1 | 668.3 | 656.3 | 634.0 | 605.0 | 567.4 | 523.0 | 478.5 |
| 137.5° | 595.8 | 614.9 | 625.5 | 629.6 | 625.5 | 614.9 | 595.8 | 569.4 | 536.6 | 501.3 | 464.2 |
| 140° | 569.4 | 586.9 | 597.0 | 601.1 | 597.0 | 586.9 | 569.4 | 547.9 | 518.2 | 487.3 | 455.0 |
| 142.5° | 546.8 | 562.7 | 571.7 | 572.5 | 571.7 | 562.7 | 546.8 | 526.3 | 501.5 | 474.9 | 447.5 |
| 145° | 515.6 | 527.0 | 533.7 | 535.7 | 533.7 | 527.0 | 515.6 | 499.4 | 479.9 | 459.0 | 436.8 |
| 147.5° | 490.0 | 499.1 | 503.7 | 504.9 | 503.7 | 499.1 | 490.0 | 476.6 | 462.4 | 446.1 | 428.6 |
| 150° | 473.8 | 481.9 | 485.9 | 486.6 | 485.9 | 481.9 | 473.8 | 463.7 | 451.6 | 437.5 | 422.7 |
| 152.5° | 460.9 | 467.9 | 470.9 | 471.0 | 470.9 | 467.9 | 460.9 | 453.0 | 442.5 | 430.5 | 416.7 |
| 155° | 444.2 | 448.9 | 451.6 | 450.3 | 451.6 | 448.9 | 444.2 | 436.8 | 429.4 | 419.3 | 408.5 |
| 157.5° | 427.5 | 431.4 | 432.7 | 432.7 | 432.7 | 431.4 | 427.5 | 422.2 | 416.5 | 408.0 | 399.0 |
| 160° | 417.3 | 420.7 | 421.3 | 421.3 | 421.3 | 420.7 | 417.3 | 412.6 | 407.9 | 400.5 | 393.0 |
| 162.5° | 408.1 | 410.4 | 411.1 | 410.5 | 411.1 | 410.4 | 408.1 | 403.5 | 399.8 | 393.5 | 387.1 |
| 165° | 393.0 | 395.7 | 395.7 | 395.1 | 395.7 | 395.7 | 393.0 | 390.4 | 387.7 | 383.0 | 378.2 |
| 167.5° | 380.3 | 381.8 | 381.6 | 380.8 | 381.6 | 381.8 | 380.3 | 379.1 | 376.6 | 373.4 | 369.8 |
| 170° | 372.2 | 374.2 | 373.5 | 372.2 | 373.5 | 374.2 | 372.2 | 371.5 | 370.1 | 367.5 | 365.5 |
| 172.5° | 365.8 | 366.7 | 366.0 | 365.2 | 366.0 | 366.7 | 365.8 | 365.1 | 364.3 | 362.1 | 360.6 |
| 175° | 357.4 | 358.1 | 357.4 | 356.0 | 357.4 | 358.1 | 357.4 | 357.4 | 356.7 | 356.0 | 355.3 |
| 177.5° | 352.1 | 352.1 | 351.6 | 350.5 | 351.6 | 352.1 | 352.1 | 352.1 | 352.1 | 351.6 | 351.6 |
| 180° | 350.0 | 350.0 | 350.0 | 350.0 | 350.0 | 350.0 | 350.0 | 350.0 | 350.0 | 350.0 | 350.0 |



TEST NUMBER: P331260-935

CATALOG NUMBER: S122DIP-S290D725U935-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 508.9 | 508.9 | 508.9 | 508.9 | 508.9 | 508.9 | 508.9 | 508.9 | 508.9 | 508.9 | 508.9 |
| 2.5° | 489.0 | 490.8 | 493.4 | 496.3 | 498.0 | 501.3 | 502.2 | 503.8 | 505.1 | 508.4 | 511.9 |
| 5° | 460.8 | 463.6 | 470.0 | 473.6 | 478.4 | 484.1 | 487.8 | 491.7 | 496.0 | 503.4 | 510.3 |
| 7.5° | 430.5 | 435.1 | 443.2 | 449.7 | 456.7 | 464.8 | 470.6 | 478.4 | 484.8 | 495.3 | 505.3 |
| 10° | 410.4 | 416.8 | 424.0 | 431.9 | 441.6 | 450.2 | 458.5 | 468.2 | 476.0 | 488.6 | 500.3 |
| 12.5° | 392.2 | 393.1 | 403.6 | 412.2 | 425.5 | 436.2 | 445.7 | 458.2 | 465.9 | 480.8 | 493.1 |
| 15° | 360.5 | 366.4 | 375.7 | 382.5 | 398.4 | 411.9 | 425.2 | 438.3 | 447.1 | 465.5 | 481.7 |
| 17.5° | 333.7 | 339.1 | 348.8 | 360.0 | 371.3 | 384.8 | 402.0 | 415.9 | 427.8 | 448.8 | 468.0 |
| 20° | 316.8 | 323.5 | 333.3 | 344.8 | 354.8 | 369.5 | 384.4 | 400.2 | 413.1 | 436.8 | 459.3 |
| 22.5° | 302.5 | 307.7 | 315.6 | 327.0 | 337.9 | 351.3 | 367.6 | 384.9 | 398.4 | 424.0 | 446.7 |
| 25° | 282.2 | 286.5 | 291.6 | 301.0 | 313.3 | 328.0 | 340.7 | 359.7 | 379.4 | 403.3 | 430.8 |
| 27.5° | 264.0 | 267.1 | 271.6 | 279.8 | 289.4 | 303.1 | 317.2 | 335.2 | 355.1 | 381.0 | 410.1 |
| 30° | 252.9 | 254.9 | 259.3 | 266.2 | 275.6 | 286.4 | 300.7 | 317.8 | 338.2 | 364.4 | 393.3 |
| 32.5° | 243.2 | 245.0 | 248.0 | 254.4 | 262.6 | 271.8 | 284.6 | 301.9 | 321.2 | 347.0 | 379.1 |
| 35° | 228.7 | 230.0 | 232.6 | 237.8 | 242.4 | 251.3 | 262.1 | 277.8 | 295.9 | 320.6 | 353.8 |
| 37.5° | 214.1 | 216.0 | 217.6 | 219.8 | 225.6 | 231.5 | 240.8 | 254.1 | 271.9 | 296.8 | 328.5 |
| 40° | 204.6 | 206.1 | 208.5 | 209.5 | 214.1 | 219.5 | 227.0 | 239.2 | 257.2 | 279.9 | 310.8 |
| 42.5° | 194.8 | 196.5 | 197.9 | 199.0 | 203.0 | 207.7 | 214.6 | 225.0 | 240.9 | 262.9 | 293.6 |
| 45° | 181.7 | 181.9 | 183.3 | 185.5 | 187.4 | 190.7 | 195.6 | 204.6 | 216.9 | 237.6 | 265.4 |
| 47.5° | 168.3 | 168.6 | 168.8 | 169.7 | 171.9 | 174.9 | 178.1 | 185.5 | 196.5 | 213.0 | 240.0 |
| 50° | 159.4 | 159.0 | 159.4 | 160.1 | 161.5 | 164.1 | 167.8 | 173.1 | 182.1 | 197.5 | 222.4 |
| 52.5° | 150.8 | 150.8 | 150.5 | 150.8 | 151.9 | 153.6 | 156.3 | 160.7 | 168.8 | 183.0 | 204.8 |
| 55° | 137.7 | 136.7 | 136.9 | 136.1 | 137.9 | 138.3 | 140.3 | 144.0 | 151.0 | 160.7 | 181.3 |
| 57.5° | 123.7 | 123.0 | 122.1 | 121.8 | 121.7 | 122.7 | 124.2 | 127.2 | 132.6 | 141.2 | 157.8 |
| 60° | 114.8 | 113.8 | 112.6 | 112.3 | 112.3 | 112.9 | 113.7 | 115.8 | 120.9 | 128.5 | 142.2 |
| 62.5° | 105.7 | 104.6 | 103.9 | 102.9 | 102.5 | 103.1 | 103.9 | 105.5 | 109.2 | 116.3 | 128.1 |
| 65° | 91.7 | 90.3 | 89.4 | 89.2 | 88.8 | 88.3 | 88.6 | 90.1 | 93.1 | 98.8 | 108.1 |
| 67.5° | 77.7 | 76.4 | 76.2 | 75.0 | 74.5 | 74.6 | 74.5 | 75.8 | 77.6 | 82.5 | 89.5 |
| 70° | 68.4 | 67.5 | 67.1 | 66.1 | 65.7 | 65.3 | 64.9 | 66.1 | 67.8 | 72.0 | 78.0 |
| 72.5° | 59.1 | 58.2 | 57.4 | 56.6 | 56.7 | 56.2 | 56.1 | 56.9 | 58.3 | 62.1 | 66.8 |
| 75° | 45.5 | 45.8 | 44.8 | 43.8 | 43.7 | 43.2 | 43.2 | 43.8 | 44.4 | 47.4 | 51.1 |
| 77.5° | 33.1 | 32.9 | 32.1 | 31.8 | 31.6 | 31.2 | 31.6 | 31.9 | 32.3 | 34.3 | 36.9 |
| 80° | 25.2 | 25.2 | 24.3 | 24.3 | 24.0 | 23.5 | 24.0 | 23.7 | 24.5 | 26.4 | 28.3 |
| 82.5° | 18.0 | 17.7 | 17.7 | 17.4 | 17.3 | 16.9 | 17.1 | 17.6 | 17.9 | 19.2 | 20.4 |
| 85° | 8.8 | 8.8 | 8.6 | 8.4 | 8.6 | 8.4 | 8.6 | 8.8 | 9.0 | 9.6 | 10.6 |
| 87.5° | 6.3 | 6.6 | 6.6 | 5.9 | 5.1 | 4.6 | 4.3 | 4.1 | 4.2 | 3.8 | 3.6 |
| 90° | 22.2 | 22.9 | 22.2 | 18.2 | 13.4 | 10.1 | 8.1 | 6.7 | 5.4 | 2.7 | 0.7 |
| 92.5° | 73.9 | 87.5 | 86.3 | 67.2 | 45.8 | 30.6 | 24.2 | 19.6 | 16.7 | 11.9 | 8.2 |
| 95° | 230.8 | 263.8 | 233.6 | 155.5 | 96.9 | 66.0 | 49.8 | 39.0 | 33.0 | 26.3 | 23.6 |
| 97.5° | 472.5 | 450.4 | 339.2 | 209.5 | 127.9 | 88.9 | 70.7 | 58.3 | 49.2 | 42.0 | 38.4 |
| 100° | 628.6 | 531.7 | 366.1 | 220.8 | 138.6 | 103.0 | 84.1 | 70.7 | 59.9 | 53.8 | 51.8 |
| 102.5° | 686.7 | 534.4 | 355.9 | 221.3 | 148.4 | 115.4 | 96.5 | 82.5 | 71.7 | 65.7 | 64.2 |
| 105° | 677.8 | 498.7 | 335.9 | 224.8 | 164.9 | 133.3 | 114.4 | 99.6 | 89.5 | 84.8 | 82.1 |
| 107.5° | 618.6 | 460.5 | 325.9 | 234.1 | 181.8 | 151.2 | 132.2 | 117.5 | 108.2 | 103.7 | 101.5 |
| 110° | 581.5 | 442.2 | 323.7 | 241.6 | 193.1 | 163.6 | 144.0 | 129.9 | 121.1 | 117.1 | 114.4 |



TEST NUMBER: P331260-935

CATALOG NUMBER: S122DIP-S290D725U935-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 555.7 | 430.3 | 324.3 | 249.7 | 204.0 | 175.4 | 155.3 | 141.7 | 133.5 | 129.0 | 126.2 |
| 115° | 523.7 | 417.3 | 327.1 | 261.8 | 220.8 | 191.8 | 173.7 | 160.1 | 152.1 | 148.1 | 144.7 |
| 117.5° | 503.4 | 411.0 | 331.9 | 274.7 | 236.3 | 209.5 | 190.6 | 177.7 | 170.6 | 166.5 | 163.8 |
| 120° | 492.7 | 407.2 | 335.2 | 283.4 | 247.0 | 220.8 | 201.9 | 188.5 | 182.4 | 178.4 | 175.6 |
| 122.5° | 483.5 | 405.0 | 339.0 | 290.9 | 257.3 | 232.6 | 213.2 | 199.8 | 193.1 | 189.2 | 187.0 |
| 125° | 470.5 | 401.1 | 344.6 | 302.9 | 272.6 | 248.3 | 229.5 | 216.0 | 207.9 | 204.0 | 201.9 |
| 127.5° | 458.3 | 398.8 | 350.4 | 314.0 | 286.9 | 263.3 | 243.9 | 231.0 | 222.1 | 216.5 | 213.8 |
| 130° | 450.3 | 397.8 | 354.7 | 321.1 | 295.5 | 271.9 | 253.0 | 239.6 | 230.1 | 223.4 | 220.8 |
| 132.5° | 443.8 | 397.3 | 359.0 | 328.0 | 303.0 | 280.5 | 261.7 | 247.7 | 237.7 | 230.5 | 227.2 |
| 135° | 434.8 | 396.4 | 364.1 | 337.2 | 313.7 | 292.1 | 273.3 | 257.8 | 247.7 | 239.6 | 236.9 |
| 137.5° | 428.4 | 396.3 | 368.7 | 344.2 | 322.3 | 301.0 | 283.5 | 268.1 | 257.4 | 249.3 | 246.1 |
| 140° | 424.7 | 395.7 | 370.8 | 347.9 | 327.1 | 306.9 | 289.4 | 274.6 | 263.8 | 255.7 | 253.0 |
| 142.5° | 420.9 | 395.7 | 372.5 | 351.2 | 330.9 | 311.3 | 294.8 | 280.5 | 269.8 | 262.3 | 260.0 |
| 145° | 415.9 | 394.4 | 374.2 | 355.3 | 336.6 | 318.3 | 303.5 | 290.1 | 280.0 | 273.3 | 270.5 |
| 147.5° | 410.9 | 392.0 | 374.8 | 357.7 | 341.1 | 324.0 | 310.8 | 299.6 | 290.3 | 283.9 | 281.9 |
| 150° | 406.5 | 390.4 | 374.2 | 358.7 | 343.3 | 327.8 | 315.6 | 305.6 | 296.8 | 291.4 | 289.4 |
| 152.5° | 402.8 | 387.7 | 373.2 | 359.3 | 345.4 | 331.6 | 320.5 | 310.9 | 303.2 | 297.9 | 297.0 |
| 155° | 395.7 | 383.0 | 371.5 | 360.1 | 348.6 | 337.2 | 327.1 | 319.7 | 312.3 | 308.2 | 307.5 |
| 157.5° | 389.2 | 378.2 | 368.4 | 360.1 | 350.9 | 341.2 | 332.8 | 326.8 | 320.4 | 317.1 | 316.5 |
| 160° | 384.4 | 374.9 | 366.8 | 360.1 | 352.0 | 343.9 | 336.6 | 331.1 | 325.7 | 323.0 | 322.4 |
| 162.5° | 380.0 | 372.2 | 365.2 | 359.6 | 352.6 | 345.5 | 339.8 | 334.9 | 330.6 | 327.9 | 328.3 |
| 165° | 372.9 | 366.8 | 362.1 | 358.1 | 353.4 | 347.3 | 343.3 | 339.9 | 335.9 | 334.5 | 335.2 |
| 167.5° | 365.8 | 362.1 | 359.0 | 357.1 | 353.2 | 348.8 | 346.2 | 343.8 | 341.2 | 340.0 | 340.9 |
| 170° | 362.1 | 359.4 | 357.4 | 356.0 | 352.7 | 349.3 | 347.3 | 345.9 | 343.9 | 343.3 | 344.6 |
| 172.5° | 358.3 | 356.2 | 355.2 | 354.4 | 352.1 | 349.8 | 348.4 | 347.6 | 345.5 | 345.9 | 346.7 |
| 175° | 353.4 | 352.7 | 352.0 | 352.7 | 351.3 | 350.0 | 349.3 | 349.3 | 347.9 | 348.6 | 349.3 |
| 177.5° | 350.5 | 350.0 | 350.5 | 351.6 | 350.5 | 350.0 | 350.0 | 350.0 | 348.9 | 349.5 | 350.5 |
| 180° | 350.0 | 350.0 | 350.0 | 350.0 | 350.0 | 350.0 | 350.0 | 350.0 | 350.0 | 350.0 | 350.0 |



TEST NUMBER: P331260-935

CATALOG NUMBER: S122DIP-S290D725U935-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 508.9 | 508.9 | 508.9 | 508.9 | 508.9 | 508.9 | 508.9 | 508.9 | 508.9 | 508.9 | 508.9 |
| 2.5° | 511.6 | 512.4 | 514.9 | 517.4 | 520.2 | 521.0 | 522.2 | 521.2 | 520.8 | 523.7 | 526.0 |
| 5° | 513.1 | 516.5 | 523.4 | 529.7 | 534.9 | 538.6 | 542.6 | 544.2 | 547.1 | 551.1 | 556.3 |
| 7.5° | 511.3 | 518.2 | 529.0 | 538.1 | 548.0 | 555.2 | 560.8 | 565.6 | 571.4 | 579.1 | 587.6 |
| 10° | 509.5 | 518.7 | 531.8 | 542.9 | 555.1 | 564.3 | 571.9 | 579.4 | 588.0 | 598.7 | 609.8 |
| 12.5° | 506.1 | 516.9 | 533.4 | 546.6 | 562.1 | 571.2 | 581.4 | 597.4 | 606.7 | 621.7 | 637.4 |
| 15° | 499.1 | 511.3 | 534.2 | 550.4 | 568.0 | 585.2 | 604.2 | 619.4 | 634.6 | 643.5 | 665.6 |
| 17.5° | 488.9 | 506.6 | 532.0 | 551.0 | 573.3 | 600.4 | 621.7 | 639.0 | 656.6 | 670.9 | 682.0 |
| 20° | 480.5 | 499.9 | 528.9 | 551.6 | 578.2 | 607.3 | 631.7 | 649.4 | 664.6 | 676.6 | 683.4 |
| 22.5° | 470.1 | 494.5 | 522.6 | 549.2 | 583.2 | 612.0 | 637.7 | 651.5 | 664.3 | 670.1 | 672.8 |
| 25° | 453.6 | 482.9 | 514.8 | 547.3 | 585.6 | 616.1 | 639.6 | 648.0 | 651.7 | 646.0 | 636.6 |
| 27.5° | 435.8 | 468.5 | 505.8 | 543.5 | 584.1 | 613.5 | 630.3 | 629.0 | 622.7 | 604.2 | 589.6 |
| 30° | 422.5 | 458.5 | 498.5 | 539.8 | 580.5 | 609.1 | 618.8 | 609.1 | 594.8 | 574.3 | 553.3 |
| 32.5° | 408.5 | 445.8 | 490.9 | 534.5 | 573.9 | 599.1 | 601.2 | 584.4 | 562.2 | 538.9 | 512.8 |
| 35° | 387.4 | 427.7 | 476.5 | 522.6 | 560.0 | 575.8 | 566.5 | 536.7 | 510.5 | 478.6 | 443.0 |
| 37.5° | 363.6 | 408.1 | 456.9 | 505.2 | 539.1 | 543.2 | 519.9 | 488.6 | 451.6 | 414.1 | 372.2 |
| 40° | 345.8 | 393.0 | 443.2 | 491.9 | 521.9 | 517.5 | 487.8 | 453.4 | 409.4 | 363.6 | 324.7 |
| 42.5° | 329.8 | 376.9 | 428.2 | 476.0 | 499.9 | 488.1 | 453.4 | 411.1 | 363.9 | 320.7 | 285.1 |
| 45° | 302.2 | 350.7 | 403.1 | 449.3 | 463.0 | 441.6 | 395.7 | 348.7 | 302.2 | 266.2 | 238.1 |
| 47.5° | 275.3 | 323.3 | 375.2 | 415.8 | 420.6 | 391.9 | 341.7 | 293.4 | 253.4 | 224.1 | 204.2 |
| 50° | 255.6 | 303.8 | 355.2 | 391.4 | 389.8 | 355.2 | 303.6 | 257.6 | 224.1 | 200.4 | 187.2 |
| 52.5° | 238.0 | 283.4 | 332.8 | 365.8 | 357.4 | 319.7 | 270.4 | 229.5 | 202.1 | 183.6 | 171.5 |
| 55° | 210.4 | 252.5 | 299.5 | 325.9 | 310.6 | 268.7 | 227.0 | 194.2 | 173.8 | 160.0 | 150.6 |
| 57.5° | 183.1 | 222.6 | 262.8 | 279.1 | 262.2 | 223.5 | 188.8 | 165.0 | 149.6 | 139.4 | 133.3 |
| 60° | 166.3 | 200.7 | 236.4 | 250.6 | 230.4 | 196.0 | 168.6 | 147.3 | 134.9 | 126.6 | 121.1 |
| 62.5° | 149.4 | 180.2 | 214.0 | 221.6 | 203.2 | 174.1 | 149.8 | 132.1 | 122.0 | 114.5 | 109.3 |
| 65° | 126.3 | 151.6 | 177.2 | 182.3 | 165.3 | 142.8 | 123.6 | 112.1 | 103.1 | 97.6 | 93.5 |
| 67.5° | 103.7 | 123.9 | 142.1 | 146.1 | 131.2 | 115.6 | 101.8 | 91.7 | 85.7 | 81.1 | 77.6 |
| 70° | 90.1 | 106.2 | 121.1 | 124.4 | 112.4 | 98.6 | 88.0 | 80.0 | 74.5 | 70.6 | 67.2 |
| 72.5° | 75.9 | 89.3 | 101.7 | 103.9 | 94.2 | 83.5 | 74.9 | 68.5 | 63.7 | 61.2 | 58.0 |
| 75° | 58.1 | 66.0 | 75.5 | 76.1 | 69.7 | 63.2 | 56.6 | 52.4 | 49.9 | 46.8 | 45.2 |
| 77.5° | 41.0 | 47.1 | 52.6 | 53.6 | 49.9 | 45.5 | 41.8 | 38.5 | 36.3 | 34.9 | 33.4 |
| 80° | 31.3 | 36.2 | 38.6 | 39.9 | 37.2 | 34.0 | 31.9 | 29.7 | 28.3 | 27.4 | 26.4 |
| 82.5° | 22.4 | 25.4 | 27.6 | 28.7 | 27.1 | 25.2 | 23.2 | 21.9 | 20.8 | 20.1 | 19.7 |
| 85° | 11.4 | 12.7 | 14.1 | 14.5 | 14.1 | 13.3 | 12.1 | 12.1 | 11.5 | 11.4 | 11.4 |
| 87.5° | 4.5 | 5.6 | 5.9 | 6.6 | 6.7 | 7.4 | 8.4 | 9.0 | 9.0 | 8.7 | 8.4 |
| 90° | 2.7 | 5.4 | 6.7 | 8.1 | 10.1 | 13.4 | 18.2 | 22.2 | 22.9 | 22.2 | 21.5 |
| 92.5° | 11.9 | 16.7 | 19.6 | 24.2 | 30.6 | 45.8 | 67.2 | 86.3 | 87.5 | 73.9 | 58.7 |
| 95° | 26.3 | 33.0 | 39.0 | 49.8 | 66.0 | 96.9 | 155.5 | 233.6 | 263.8 | 230.8 | 176.3 |
| 97.5° | 42.0 | 49.2 | 58.3 | 70.7 | 88.9 | 127.9 | 209.5 | 339.2 | 450.4 | 472.5 | 411.5 |
| 100° | 53.8 | 59.9 | 70.7 | 84.1 | 103.0 | 138.6 | 220.8 | 366.1 | 531.7 | 628.6 | 614.5 |
| 102.5° | 65.7 | 71.7 | 82.5 | 96.5 | 115.4 | 148.4 | 221.3 | 355.9 | 534.4 | 686.7 | 747.5 |
| 105° | 84.8 | 89.5 | 99.6 | 114.4 | 133.3 | 164.9 | 224.8 | 335.9 | 498.7 | 677.8 | 817.8 |
| 107.5° | 103.7 | 108.2 | 117.5 | 132.2 | 151.2 | 181.8 | 234.1 | 325.9 | 460.5 | 618.6 | 767.2 |
| 110° | 117.1 | 121.1 | 129.9 | 144.0 | 163.6 | 193.1 | 241.6 | 323.7 | 442.2 | 581.5 | 723.5 |



TEST NUMBER: P331260-935

CATALOG NUMBER: S122DIP-S290D725U935-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 129.0 | 133.5 | 141.7 | 155.3 | 175.4 | 204.0 | 249.7 | 324.3 | 430.3 | 555.7 | 683.7 |
| 115° | 148.1 | 152.1 | 160.1 | 173.7 | 191.8 | 220.8 | 261.8 | 327.1 | 417.3 | 523.7 | 634.6 |
| 117.5° | 166.5 | 170.6 | 177.7 | 190.6 | 209.5 | 236.3 | 274.7 | 331.9 | 411.0 | 503.4 | 597.8 |
| 120° | 178.4 | 182.4 | 188.5 | 201.9 | 220.8 | 247.0 | 283.4 | 335.2 | 407.2 | 492.7 | 579.5 |
| 122.5° | 189.2 | 193.1 | 199.8 | 213.2 | 232.6 | 257.3 | 290.9 | 339.0 | 405.0 | 483.5 | 565.0 |
| 125° | 204.0 | 207.9 | 216.0 | 229.5 | 248.3 | 272.6 | 302.9 | 344.6 | 401.1 | 470.5 | 543.8 |
| 127.5° | 216.5 | 222.1 | 231.0 | 243.9 | 263.3 | 286.9 | 314.0 | 350.4 | 398.8 | 458.3 | 523.0 |
| 130° | 223.4 | 230.1 | 239.6 | 253.0 | 271.9 | 295.5 | 321.1 | 354.7 | 397.8 | 450.3 | 509.5 |
| 132.5° | 230.5 | 237.7 | 247.7 | 261.7 | 280.5 | 303.0 | 328.0 | 359.0 | 397.3 | 443.8 | 496.5 |
| 135° | 239.6 | 247.7 | 257.8 | 273.3 | 292.1 | 313.7 | 337.2 | 364.1 | 396.4 | 434.8 | 478.5 |
| 137.5° | 249.3 | 257.4 | 268.1 | 283.5 | 301.0 | 322.3 | 344.2 | 368.7 | 396.3 | 428.4 | 464.2 |
| 140° | 255.7 | 263.8 | 274.6 | 289.4 | 306.9 | 327.1 | 347.9 | 370.8 | 395.7 | 424.7 | 455.0 |
| 142.5° | 262.3 | 269.8 | 280.5 | 294.8 | 311.3 | 330.9 | 351.2 | 372.5 | 395.7 | 420.9 | 447.5 |
| 145° | 273.3 | 280.0 | 290.1 | 303.5 | 318.3 | 336.6 | 355.3 | 374.2 | 394.4 | 415.9 | 436.8 |
| 147.5° | 283.9 | 290.3 | 299.6 | 310.8 | 324.0 | 341.1 | 357.7 | 374.8 | 392.0 | 410.9 | 428.6 |
| 150° | 291.4 | 296.8 | 305.6 | 315.6 | 327.8 | 343.3 | 358.7 | 374.2 | 390.4 | 406.5 | 422.7 |
| 152.5° | 297.9 | 303.2 | 310.9 | 320.5 | 331.6 | 345.4 | 359.3 | 373.2 | 387.7 | 402.8 | 416.7 |
| 155° | 308.2 | 312.3 | 319.7 | 327.1 | 337.2 | 348.6 | 360.1 | 371.5 | 383.0 | 395.7 | 408.5 |
| 157.5° | 317.1 | 320.4 | 326.8 | 332.8 | 341.2 | 350.9 | 360.1 | 368.4 | 378.2 | 389.2 | 399.0 |
| 160° | 323.0 | 325.7 | 331.1 | 336.6 | 343.9 | 352.0 | 360.1 | 366.8 | 374.9 | 384.4 | 393.0 |
| 162.5° | 327.9 | 330.6 | 334.9 | 339.8 | 345.5 | 352.6 | 359.6 | 365.2 | 372.2 | 380.0 | 387.1 |
| 165° | 334.5 | 335.9 | 339.9 | 343.3 | 347.3 | 353.4 | 358.1 | 362.1 | 366.8 | 372.9 | 378.2 |
| 167.5° | 340.0 | 341.2 | 343.8 | 346.2 | 348.8 | 353.2 | 357.1 | 359.0 | 362.1 | 365.8 | 369.8 |
| 170° | 343.3 | 343.9 | 345.9 | 347.3 | 349.3 | 352.7 | 356.0 | 357.4 | 359.4 | 362.1 | 365.5 |
| 172.5° | 345.9 | 345.5 | 347.6 | 348.4 | 349.8 | 352.1 | 354.4 | 355.2 | 356.2 | 358.3 | 360.6 |
| 175° | 348.6 | 347.9 | 349.3 | 349.3 | 350.0 | 351.3 | 352.7 | 352.0 | 352.7 | 353.4 | 355.3 |
| 177.5° | 349.5 | 348.9 | 350.0 | 350.0 | 350.0 | 350.5 | 351.6 | 350.5 | 350.0 | 350.5 | 351.6 |
| 180° | 350.0 | 350.0 | 350.0 | 350.0 | 350.0 | 350.0 | 350.0 | 350.0 | 350.0 | 350.0 | 350.0 |



TEST NUMBER: P331260-935

CATALOG NUMBER: S122DIP-S290D725U935-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|-------|-------|-------|--------|--------|--------|--------|
| 0° | 508.9 | 508.9 | 508.9 | 508.9 | 508.9 | 508.9 | 508.9 |
| 2.5° | 527.9 | 530.0 | 530.0 | 530.4 | 532.9 | 532.5 | 532.4 |
| 5° | 561.7 | 565.1 | 565.4 | 568.9 | 571.3 | 570.5 | 568.3 |
| 7.5° | 593.7 | 599.9 | 604.6 | 607.2 | 610.3 | 612.2 | 611.3 |
| 10° | 619.1 | 628.0 | 633.5 | 637.2 | 641.7 | 645.1 | 643.9 |
| 12.5° | 642.0 | 652.7 | 660.3 | 666.7 | 667.2 | 671.5 | 668.6 |
| 15° | 678.0 | 689.2 | 690.4 | 695.1 | 698.9 | 698.4 | 698.6 |
| 17.5° | 689.7 | 693.4 | 694.1 | 694.2 | 694.3 | 692.9 | 689.9 |
| 20° | 685.5 | 684.2 | 680.9 | 678.3 | 673.8 | 673.2 | 669.3 |
| 22.5° | 665.5 | 661.2 | 652.8 | 647.3 | 640.3 | 638.5 | 637.4 |
| 25° | 626.1 | 616.5 | 603.2 | 590.5 | 586.9 | 580.1 | 582.0 |
| 27.5° | 572.0 | 557.1 | 542.6 | 532.4 | 523.0 | 512.7 | 515.7 |
| 30° | 534.0 | 517.1 | 496.8 | 481.1 | 471.1 | 461.4 | 459.6 |
| 32.5° | 488.6 | 463.9 | 441.3 | 427.5 | 412.2 | 406.0 | 399.2 |
| 35° | 410.4 | 386.2 | 363.8 | 344.4 | 333.3 | 324.7 | 316.8 |
| 37.5° | 340.0 | 312.3 | 294.1 | 278.4 | 270.4 | 265.4 | 266.7 |
| 40° | 296.4 | 272.1 | 258.7 | 246.8 | 239.4 | 235.9 | 236.7 |
| 42.5° | 261.0 | 242.8 | 231.9 | 223.7 | 218.4 | 216.5 | 216.0 |
| 45° | 220.8 | 210.7 | 201.6 | 197.0 | 194.4 | 192.3 | 190.9 |
| 47.5° | 193.5 | 185.1 | 180.0 | 177.3 | 175.0 | 172.9 | 172.8 |
| 50° | 177.0 | 171.5 | 168.0 | 165.1 | 163.3 | 161.8 | 163.2 |
| 52.5° | 164.5 | 159.5 | 155.9 | 153.3 | 152.7 | 151.3 | 151.2 |
| 55° | 145.9 | 142.0 | 139.5 | 137.1 | 136.0 | 135.2 | 134.1 |
| 57.5° | 129.0 | 125.3 | 123.0 | 121.5 | 119.2 | 118.5 | 118.1 |
| 60° | 116.9 | 114.0 | 111.7 | 109.7 | 108.7 | 107.2 | 107.2 |
| 62.5° | 105.8 | 102.9 | 100.7 | 99.3 | 97.6 | 97.0 | 97.2 |
| 65° | 89.8 | 87.4 | 85.2 | 83.7 | 83.3 | 82.1 | 82.6 |
| 67.5° | 75.0 | 73.4 | 71.1 | 70.3 | 69.6 | 69.0 | 68.4 |
| 70° | 65.1 | 63.5 | 62.4 | 61.2 | 60.6 | 60.6 | 60.6 |
| 72.5° | 56.8 | 54.9 | 54.2 | 52.8 | 53.1 | 52.5 | 51.8 |
| 75° | 44.0 | 42.8 | 42.3 | 41.7 | 40.7 | 40.7 | 40.7 |
| 77.5° | 32.4 | 32.0 | 31.3 | 30.7 | 30.5 | 30.3 | 30.4 |
| 80° | 25.1 | 24.8 | 24.5 | 24.5 | 24.0 | 23.8 | 23.5 |
| 82.5° | 19.3 | 18.8 | 18.5 | 18.3 | 18.3 | 18.3 | 18.2 |
| 85° | 10.9 | 10.6 | 10.6 | 10.8 | 10.3 | 10.3 | 10.6 |
| 87.5° | 8.3 | 8.5 | 8.5 | 8.5 | 8.7 | 8.5 | 8.5 |
| 90° | 20.2 | 21.5 | 22.2 | 22.2 | 22.2 | 22.2 | 22.2 |
| 92.5° | 50.4 | 44.7 | 40.6 | 40.0 | 37.8 | 38.4 | 37.3 |
| 95° | 135.3 | 107.0 | 92.2 | 83.4 | 78.1 | 76.0 | 76.7 |
| 97.5° | 336.7 | 263.8 | 215.2 | 183.0 | 166.5 | 156.7 | 151.0 |
| 100° | 531.1 | 438.9 | 357.4 | 301.5 | 272.6 | 253.0 | 240.9 |
| 102.5° | 728.7 | 661.2 | 574.9 | 514.2 | 464.8 | 440.4 | 424.0 |
| 105° | 893.8 | 902.6 | 880.4 | 838.6 | 796.9 | 767.9 | 758.5 |
| 107.5° | 881.7 | 951.7 | 984.3 | 989.5 | 987.2 | 981.5 | 968.9 |
| 110° | 844.0 | 930.1 | 985.3 | 1014.3 | 1027.1 | 1033.1 | 1032.4 |



TEST NUMBER: P331260-935

CATALOG NUMBER: S122DIP-S290D725U935-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|-------|-------|-------|-------|--------|--------|--------|
| 112.5° | 799.3 | 891.4 | 954.7 | 994.9 | 1016.3 | 1027.8 | 1031.4 |
| 115° | 738.3 | 826.5 | 895.8 | 943.6 | 974.6 | 992.0 | 998.2 |
| 117.5° | 688.8 | 768.8 | 833.8 | 882.5 | 915.2 | 933.7 | 938.7 |
| 120° | 663.0 | 734.3 | 795.6 | 842.7 | 874.3 | 893.8 | 900.5 |
| 122.5° | 641.4 | 708.9 | 764.3 | 806.6 | 837.7 | 855.1 | 860.7 |
| 125° | 613.1 | 672.4 | 722.8 | 761.9 | 787.5 | 804.3 | 809.7 |
| 127.5° | 585.7 | 641.5 | 688.1 | 722.2 | 746.1 | 760.7 | 765.0 |
| 130° | 567.4 | 620.5 | 665.0 | 697.9 | 720.8 | 734.3 | 739.7 |
| 132.5° | 550.2 | 599.0 | 640.8 | 673.2 | 696.0 | 708.4 | 713.3 |
| 135° | 523.0 | 567.4 | 605.0 | 634.0 | 656.3 | 668.3 | 671.1 |
| 137.5° | 501.3 | 536.6 | 569.4 | 595.8 | 614.9 | 625.5 | 629.6 |
| 140° | 487.3 | 518.2 | 547.9 | 569.4 | 586.9 | 597.0 | 601.1 |
| 142.5° | 474.9 | 501.5 | 526.3 | 546.8 | 562.7 | 571.7 | 572.5 |
| 145° | 459.0 | 479.9 | 499.4 | 515.6 | 527.0 | 533.7 | 535.7 |
| 147.5° | 446.1 | 462.4 | 476.6 | 490.0 | 499.1 | 503.7 | 504.9 |
| 150° | 437.5 | 451.6 | 463.7 | 473.8 | 481.9 | 485.9 | 486.6 |
| 152.5° | 430.5 | 442.5 | 453.0 | 460.9 | 467.9 | 470.9 | 471.0 |
| 155° | 419.3 | 429.4 | 436.8 | 444.2 | 448.9 | 451.6 | 450.3 |
| 157.5° | 408.0 | 416.5 | 422.2 | 427.5 | 431.4 | 432.7 | 432.7 |
| 160° | 400.5 | 407.9 | 412.6 | 417.3 | 420.7 | 421.3 | 421.3 |
| 162.5° | 393.5 | 399.8 | 403.5 | 408.1 | 410.4 | 411.1 | 410.5 |
| 165° | 383.0 | 387.7 | 390.4 | 393.0 | 395.7 | 395.7 | 395.1 |
| 167.5° | 373.4 | 376.6 | 379.1 | 380.3 | 381.8 | 381.6 | 380.8 |
| 170° | 367.5 | 370.1 | 371.5 | 372.2 | 374.2 | 373.5 | 372.2 |
| 172.5° | 362.1 | 364.3 | 365.1 | 365.8 | 366.7 | 366.0 | 365.2 |
| 175° | 356.0 | 356.7 | 357.4 | 357.4 | 358.1 | 357.4 | 356.0 |
| 177.5° | 351.6 | 352.1 | 352.1 | 352.1 | 352.1 | 351.6 | 350.5 |
| 180° | 350.0 | 350.0 | 350.0 | 350.0 | 350.0 | 350.0 | 350.0 |

(END OF REPORT)