

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: P332240-935

Luminaire Tested: **S123RDIP-S340D365U935-4F0-1E-UDD-A**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P332240-935
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-5,
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: S123RDIP-S340D365U935-4F0-1E-UDD-A
Description: DEFINE 3 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 340 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING
UPLIGHT 365 LUMENS PER FOOT, NO LENS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2416.7 lumens
Efficiency: N/A
Efficacy: 119.1 lumens/watt
Spacing Criteria (0/90/45): 1.21 / 1.22 / 1.36
Luminous Opening: Rectangular (W 4' x L: 0.25' x H: 0')
CIE Type: General Diffuse

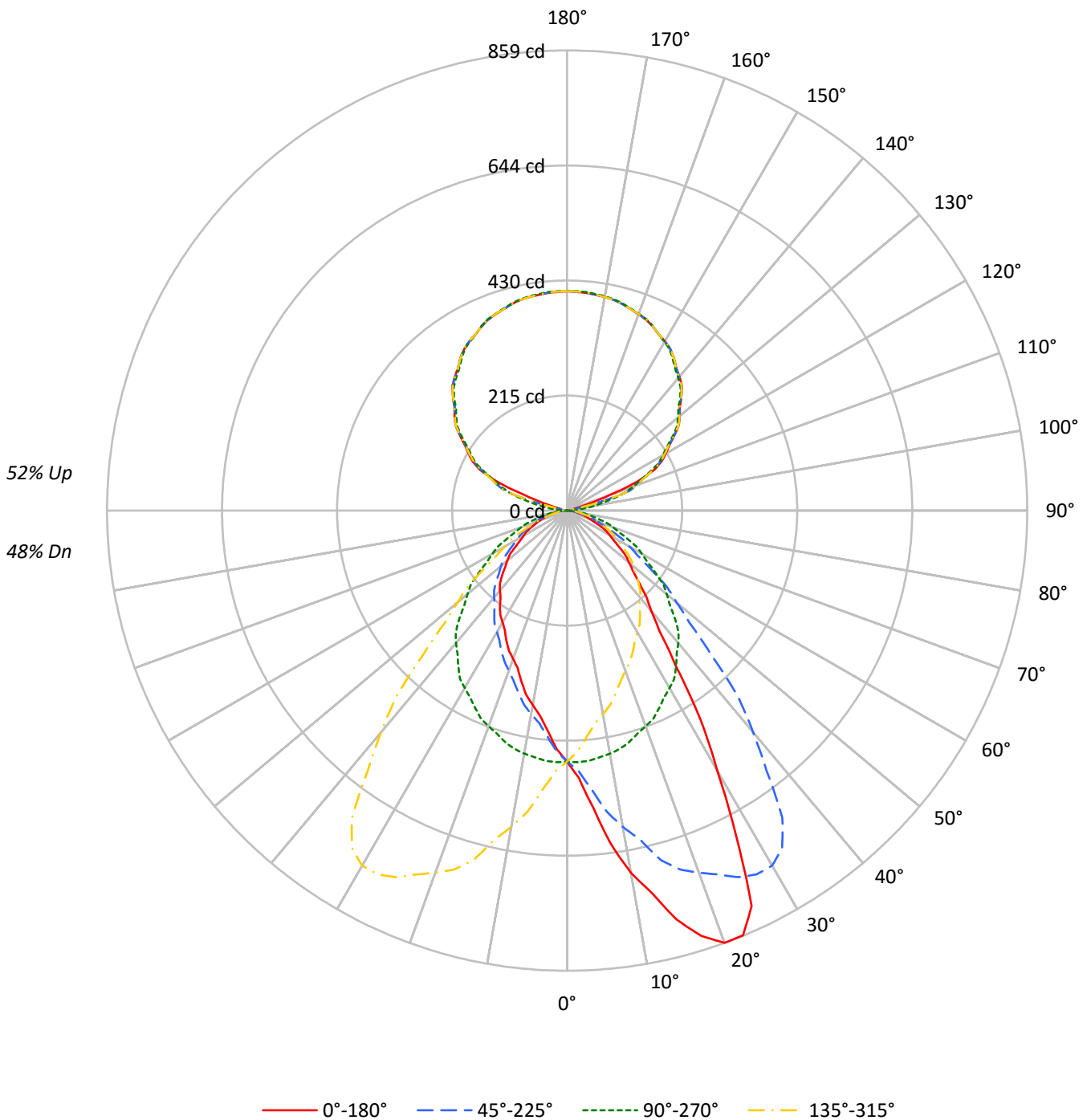
Input Watts (W): 20.3
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P332240-935

CATALOG NUMBER: S123RDIP-S340D365U935-4F0-1E-UDD-A

Luminous Intensity Polar Plot





TEST NUMBER: P332240-935

CATALOG NUMBER: S123RDIP-S340D365U935-4F0-1E-UDD-A

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

| | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| RF | 20 | | | | 20 | | | | 20 | | | | 20 | | | | 20 | |
| RC | 80 | | | | 70 | | | | 50 | | | | 30 | | | | 10 | 0 |
| RW | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0 |
| RCR | | | | | | | | | | | | | | | | | | |
| 0 | 107 | 107 | 107 | 107 | 98 | 98 | 98 | 98 | 82 | 82 | 82 | 68 | 68 | 68 | 55 | 55 | 55 | 48 |
| 1 | 98 | 94 | 90 | 87 | 90 | 87 | 83 | 81 | 73 | 71 | 69 | 61 | 59 | 58 | 49 | 48 | 47 | 42 |
| 2 | 90 | 83 | 77 | 72 | 82 | 76 | 71 | 67 | 65 | 61 | 58 | 54 | 51 | 49 | 44 | 42 | 41 | 36 |
| 3 | 82 | 73 | 66 | 61 | 75 | 68 | 62 | 57 | 58 | 53 | 49 | 48 | 45 | 42 | 39 | 37 | 35 | 31 |
| 4 | 75 | 65 | 57 | 52 | 69 | 60 | 54 | 49 | 51 | 46 | 42 | 43 | 40 | 37 | 36 | 33 | 31 | 27 |
| 5 | 69 | 58 | 50 | 45 | 64 | 54 | 47 | 42 | 46 | 41 | 37 | 39 | 35 | 32 | 32 | 29 | 27 | 24 |
| 6 | 64 | 52 | 45 | 39 | 59 | 49 | 42 | 37 | 42 | 36 | 32 | 35 | 31 | 28 | 29 | 26 | 24 | 21 |
| 7 | 59 | 47 | 40 | 34 | 55 | 44 | 37 | 32 | 38 | 33 | 29 | 32 | 28 | 25 | 27 | 24 | 22 | 19 |
| 8 | 55 | 43 | 36 | 30 | 51 | 40 | 34 | 29 | 35 | 30 | 26 | 30 | 26 | 23 | 25 | 22 | 20 | 17 |
| 9 | 51 | 39 | 32 | 27 | 47 | 37 | 30 | 26 | 32 | 27 | 23 | 27 | 23 | 20 | 23 | 20 | 18 | 16 |
| 10 | 48 | 36 | 29 | 25 | 44 | 34 | 28 | 23 | 30 | 24 | 21 | 25 | 21 | 19 | 21 | 18 | 16 | 14 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|------|------|------|------|
| 0° | 5044 | 5044 | 5044 | 5044 |
| 5° | 6013 | 5065 | 4460 | 5065 |
| 10° | 7507 | 5037 | 4030 | 5037 |
| 15° | 8811 | 4985 | 3675 | 4985 |
| 20° | 9835 | 4907 | 3373 | 4907 |
| 25° | 9678 | 4827 | 3188 | 4827 |
| 30° | 6955 | 4753 | 2997 | 4753 |
| 35° | 4644 | 4654 | 2872 | 4654 |
| 40° | 3421 | 4539 | 2746 | 4539 |
| 45° | 2871 | 4332 | 2620 | 4332 |
| 50° | 2534 | 4064 | 2445 | 4064 |
| 55° | 2222 | 3757 | 2205 | 3757 |
| 60° | 1978 | 3462 | 2019 | 3462 |
| 65° | 1737 | 3148 | 1880 | 3148 |
| 70° | 1363 | 2867 | 1718 | 2867 |
| 75° | 1198 | 2504 | 1568 | 2504 |
| 80° | 1048 | 2126 | 1543 | 2126 |
| 85° | 840 | 1717 | 1643 | 1717 |



TEST NUMBER: P332240-935

CATALOG NUMBER: S123RDIP-S340D365U935-4F0-1E-UDD-A

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 46.1 | 1.9 |
| 10°-20° | 144.0 | 6.0 |
| 20°-30° | 226.2 | 9.4 |
| 30°-40° | 236.0 | 9.8 |
| 40°-50° | 201.9 | 8.4 |
| 50°-60° | 153.9 | 6.4 |
| 60°-70° | 98.7 | 4.1 |
| 70°-80° | 47.5 | 2.0 |
| 80°-90° | 13.7 | 0.6 |
| 90°-100° | 14.9 | 0.6 |
| 100°-110° | 71.0 | 2.9 |
| 110°-120° | 170.4 | 7.1 |
| 120°-130° | 217.0 | 9.0 |
| 130°-140° | 231.9 | 9.6 |
| 140°-150° | 216.9 | 9.0 |
| 150°-160° | 174.9 | 7.2 |
| 160°-170° | 112.9 | 4.7 |
| 170°-180° | 38.9 | 1.6 |
| 0°-30° | 416.2 | 17.2 |
| 0°-40° | 652.2 | 27.0 |
| 0°-60° | 1008.0 | 41.7 |
| 0°-90° | 1167.9 | 48.3 |
| 90°-120° | 256.3 | 10.6 |
| 90°-150° | 922.1 | 38.2 |
| 90°-180° | 1249.0 | 51.7 |
| 0°-180° | 2416.7 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|-----|-----|------|------|------|------|
| 0° | 469 | 469 | 469 | 469 | 469 | |
| 5° | 556 | 469 | 413 | 469 | 556 | 57 |
| 15° | 791 | 447 | 330 | 447 | 791 | 224 |
| 25° | 815 | 406 | 268 | 406 | 815 | 350 |
| 35° | 353 | 354 | 219 | 354 | 353 | 232 |
| 45° | 189 | 285 | 172 | 285 | 189 | 148 |
| 55° | 118 | 200 | 118 | 200 | 118 | 107 |
| 65° | 68 | 124 | 74 | 124 | 68 | 67 |
| 75° | 29 | 60 | 38 | 60 | 29 | 31 |
| 85° | 7 | 14 | 13 | 14 | 7 | 8 |
| 90° | 9 | 0 | 9 | 0 | 9 | 4 |
| 95° | 12 | 19 | 12 | 19 | 12 | 10 |
| 105° | 13 | 91 | 13 | 91 | 13 | 31 |
| 115° | 179 | 170 | 179 | 170 | 179 | 165 |
| 125° | 245 | 240 | 245 | 240 | 245 | 218 |
| 135° | 302 | 298 | 302 | 298 | 302 | 232 |
| 145° | 348 | 344 | 348 | 344 | 348 | 217 |
| 155° | 379 | 379 | 379 | 379 | 379 | 175 |
| 165° | 399 | 400 | 399 | 400 | 399 | 113 |
| 175° | 408 | 410 | 408 | 410 | 408 | 39 |
| 180° | 410 | 410 | 410 | 410 | 410 | |



TEST NUMBER: P332240-935

CATALOG NUMBER: S123RDIP-S340D365U935-4F0-1E-UDD-A

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 468.6 | 468.6 | 468.6 | 468.6 | 468.6 | 468.6 | 468.6 | 468.6 | 468.6 | 468.6 | 468.6 |
| 2.5° | 499.1 | 499.7 | 497.7 | 497.3 | 494.9 | 494.3 | 494.3 | 490.9 | 488.8 | 486.1 | 484.5 |
| 5° | 556.5 | 559.6 | 558.0 | 554.5 | 548.5 | 547.0 | 543.2 | 537.2 | 530.4 | 521.9 | 518.0 |
| 7.5° | 628.1 | 632.5 | 630.8 | 625.3 | 618.9 | 613.8 | 603.0 | 593.1 | 579.1 | 566.8 | 556.3 |
| 10° | 686.8 | 682.3 | 678.6 | 673.2 | 667.4 | 658.0 | 646.7 | 631.3 | 613.5 | 599.3 | 583.8 |
| 12.5° | 730.8 | 730.0 | 725.5 | 719.9 | 711.7 | 702.7 | 688.9 | 670.1 | 649.4 | 629.0 | 611.1 |
| 15° | 790.7 | 791.9 | 788.9 | 783.2 | 771.5 | 755.6 | 734.8 | 726.9 | 697.2 | 675.2 | 653.2 |
| 17.5° | 832.2 | 832.0 | 831.6 | 823.5 | 811.7 | 800.4 | 781.0 | 760.4 | 733.6 | 702.5 | 672.8 |
| 20° | 858.6 | 856.5 | 857.0 | 847.9 | 839.1 | 826.0 | 807.2 | 777.3 | 755.3 | 719.4 | 688.6 |
| 22.5° | 857.9 | 857.5 | 859.0 | 855.9 | 849.5 | 839.6 | 824.7 | 799.4 | 771.3 | 735.0 | 700.5 |
| 25° | 814.9 | 813.2 | 822.6 | 825.3 | 835.5 | 837.3 | 832.8 | 819.1 | 792.4 | 755.0 | 712.3 |
| 27.5° | 681.9 | 681.1 | 698.5 | 720.5 | 748.2 | 769.8 | 790.7 | 800.7 | 792.4 | 765.6 | 722.8 |
| 30° | 559.6 | 578.5 | 587.4 | 619.1 | 654.4 | 696.5 | 733.4 | 768.4 | 777.1 | 765.4 | 730.4 |
| 32.5° | 464.7 | 481.1 | 488.5 | 515.7 | 548.6 | 598.0 | 653.3 | 703.0 | 738.1 | 747.0 | 725.9 |
| 35° | 353.4 | 353.6 | 370.5 | 382.5 | 413.0 | 463.7 | 517.5 | 584.1 | 650.3 | 700.5 | 705.7 |
| 37.5° | 282.1 | 283.0 | 293.3 | 305.2 | 328.1 | 354.9 | 402.3 | 457.6 | 534.1 | 611.1 | 656.3 |
| 40° | 243.5 | 245.3 | 253.0 | 264.8 | 281.2 | 301.5 | 338.4 | 390.5 | 454.3 | 540.0 | 610.0 |
| 42.5° | 218.8 | 221.7 | 225.7 | 234.8 | 245.0 | 264.0 | 293.8 | 334.1 | 392.1 | 473.1 | 553.9 |
| 45° | 188.6 | 190.2 | 193.2 | 197.4 | 206.6 | 219.8 | 239.9 | 267.0 | 315.1 | 380.3 | 461.2 |
| 47.5° | 166.3 | 165.5 | 168.7 | 172.0 | 178.2 | 187.3 | 200.7 | 222.7 | 257.1 | 309.4 | 378.0 |
| 50° | 151.3 | 151.0 | 153.3 | 155.8 | 161.7 | 168.3 | 179.3 | 196.0 | 223.3 | 266.6 | 329.4 |
| 52.5° | 137.2 | 137.8 | 139.5 | 142.7 | 146.9 | 152.2 | 162.1 | 174.2 | 197.6 | 235.0 | 287.3 |
| 55° | 118.4 | 119.0 | 121.1 | 123.0 | 126.0 | 131.4 | 137.6 | 147.7 | 163.7 | 189.8 | 232.9 |
| 57.5° | 102.5 | 102.2 | 104.3 | 104.8 | 108.1 | 112.5 | 117.4 | 125.2 | 136.8 | 156.2 | 185.2 |
| 60° | 91.9 | 91.3 | 93.1 | 94.5 | 96.3 | 99.9 | 103.9 | 111.5 | 120.8 | 135.0 | 159.9 |
| 62.5° | 82.2 | 82.0 | 83.3 | 84.7 | 86.2 | 89.5 | 92.8 | 98.7 | 106.0 | 118.0 | 137.8 |
| 65° | 68.2 | 68.8 | 69.4 | 70.0 | 70.8 | 72.8 | 76.0 | 80.1 | 85.1 | 93.5 | 107.7 |
| 67.5° | 53.6 | 54.2 | 54.4 | 55.6 | 57.3 | 58.6 | 60.6 | 64.1 | 67.7 | 74.7 | 82.8 |
| 70° | 43.3 | 43.1 | 43.3 | 43.9 | 46.1 | 48.3 | 51.0 | 53.6 | 55.8 | 60.8 | 67.6 |
| 72.5° | 37.2 | 36.9 | 37.4 | 37.5 | 38.6 | 39.2 | 40.8 | 43.3 | 46.1 | 49.5 | 54.4 |
| 75° | 28.8 | 28.8 | 28.8 | 28.8 | 29.7 | 30.0 | 30.7 | 31.3 | 32.3 | 33.9 | 37.5 |
| 77.5° | 21.4 | 21.4 | 21.7 | 21.9 | 22.0 | 22.3 | 22.6 | 23.2 | 23.6 | 24.5 | 26.0 |
| 80° | 16.9 | 17.0 | 16.9 | 17.0 | 17.0 | 17.5 | 17.7 | 18.3 | 18.4 | 19.5 | 20.1 |
| 82.5° | 12.7 | 12.6 | 12.7 | 12.9 | 12.9 | 13.3 | 13.3 | 13.8 | 13.8 | 14.3 | 14.9 |
| 85° | 6.8 | 6.5 | 6.8 | 6.6 | 7.1 | 6.6 | 6.8 | 7.2 | 7.2 | 7.4 | 8.3 |
| 87.5° | 3.4 | 3.7 | 3.4 | 3.5 | 3.4 | 3.6 | 3.5 | 3.5 | 3.8 | 3.5 | 3.5 |
| 90° | 9.1 | 9.0 | 8.9 | 8.7 | 8.6 | 8.4 | 8.1 | 7.8 | 7.6 | 7.3 | 6.5 |
| 92.5° | 10.1 | 10.0 | 9.9 | 9.8 | 9.8 | 9.6 | 9.1 | 8.7 | 8.2 | 7.7 | 7.1 |
| 95° | 11.5 | 11.5 | 11.5 | 11.5 | 11.5 | 11.4 | 10.8 | 10.4 | 9.9 | 9.5 | 8.7 |
| 97.5° | 12.6 | 12.5 | 12.4 | 12.3 | 12.2 | 12.0 | 11.5 | 10.8 | 10.3 | 9.8 | 14.6 |
| 100° | 12.7 | 12.7 | 12.7 | 12.6 | 12.5 | 12.2 | 11.6 | 11.1 | 10.6 | 10.1 | 20.6 |
| 102.5° | 13.0 | 12.9 | 12.7 | 12.7 | 12.6 | 13.3 | 15.0 | 16.7 | 18.3 | 20.1 | 31.5 |
| 105° | 13.3 | 13.3 | 13.1 | 13.0 | 12.8 | 18.8 | 30.7 | 42.7 | 54.7 | 66.6 | 72.8 |
| 107.5° | 42.0 | 51.1 | 60.1 | 69.1 | 78.1 | 87.0 | 95.8 | 104.6 | 113.3 | 122.1 | 121.1 |
| 110° | 83.7 | 93.3 | 103.0 | 112.7 | 122.3 | 128.3 | 130.5 | 132.8 | 135.0 | 137.2 | 136.5 |



TEST NUMBER: P332240-935

CATALOG NUMBER: S123RDIP-S340D365U935-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 143.5 | 145.6 | 147.7 | 149.6 | 151.7 | 152.7 | 152.7 | 152.7 | 152.6 | 152.6 | 151.8 |
| 115° | 178.9 | 178.7 | 178.4 | 178.1 | 177.8 | 177.4 | 176.7 | 176.0 | 175.3 | 174.6 | 174.0 |
| 117.5° | 198.7 | 198.7 | 198.6 | 198.5 | 198.5 | 198.2 | 197.7 | 197.2 | 196.6 | 196.0 | 195.8 |
| 120° | 212.4 | 212.4 | 212.4 | 212.4 | 212.4 | 212.1 | 211.5 | 211.0 | 210.5 | 209.9 | 209.7 |
| 122.5° | 225.8 | 225.7 | 225.7 | 225.6 | 225.5 | 225.3 | 225.0 | 224.5 | 224.2 | 223.8 | 223.5 |
| 125° | 244.6 | 244.5 | 244.4 | 244.2 | 244.1 | 243.9 | 243.8 | 243.7 | 243.6 | 243.4 | 243.1 |
| 127.5° | 262.8 | 262.9 | 263.0 | 263.1 | 263.3 | 263.3 | 263.0 | 262.8 | 262.6 | 262.3 | 262.1 |
| 130° | 274.4 | 274.6 | 274.7 | 274.8 | 275.0 | 274.9 | 274.7 | 274.4 | 274.1 | 273.8 | 273.5 |
| 132.5° | 285.2 | 285.3 | 285.5 | 285.7 | 285.9 | 285.9 | 285.6 | 285.3 | 285.1 | 284.8 | 284.6 |
| 135° | 301.5 | 301.7 | 302.0 | 302.1 | 302.3 | 302.3 | 302.1 | 302.0 | 301.7 | 301.5 | 301.3 |
| 137.5° | 316.9 | 317.0 | 317.2 | 317.3 | 317.5 | 317.4 | 317.0 | 316.7 | 316.4 | 316.1 | 315.9 |
| 140° | 326.1 | 326.3 | 326.4 | 326.6 | 326.7 | 326.7 | 326.3 | 326.1 | 325.8 | 325.5 | 325.4 |
| 142.5° | 334.7 | 334.8 | 335.0 | 335.3 | 335.4 | 335.4 | 335.2 | 335.0 | 334.8 | 334.6 | 334.3 |
| 145° | 347.8 | 347.8 | 347.8 | 347.8 | 347.8 | 347.7 | 347.6 | 347.4 | 347.3 | 347.2 | 347.0 |
| 147.5° | 357.5 | 357.8 | 358.1 | 358.4 | 358.8 | 358.9 | 358.7 | 358.5 | 358.4 | 358.3 | 358.2 |
| 150° | 364.8 | 365.0 | 365.2 | 365.4 | 365.6 | 365.7 | 365.5 | 365.4 | 365.2 | 365.1 | 365.0 |
| 152.5° | 370.7 | 370.9 | 371.3 | 371.6 | 371.9 | 372.0 | 371.7 | 371.4 | 371.2 | 370.9 | 370.8 |
| 155° | 378.8 | 379.2 | 379.6 | 380.0 | 380.4 | 380.5 | 380.1 | 379.8 | 379.4 | 379.1 | 379.0 |
| 157.5° | 385.6 | 386.2 | 386.8 | 387.3 | 387.8 | 387.9 | 387.4 | 387.0 | 386.6 | 386.2 | 386.2 |
| 160° | 390.0 | 390.5 | 391.0 | 391.5 | 391.9 | 392.0 | 391.6 | 391.2 | 390.7 | 390.4 | 390.5 |
| 162.5° | 394.2 | 394.6 | 395.0 | 395.5 | 395.9 | 395.8 | 395.4 | 394.9 | 394.4 | 394.0 | 394.1 |
| 165° | 399.2 | 399.7 | 400.1 | 400.6 | 401.1 | 401.1 | 400.5 | 399.9 | 399.4 | 398.9 | 398.9 |
| 167.5° | 402.8 | 403.3 | 403.8 | 404.4 | 404.9 | 404.9 | 404.4 | 403.8 | 403.3 | 402.8 | 402.8 |
| 170° | 404.9 | 405.5 | 406.0 | 406.6 | 407.1 | 407.1 | 406.6 | 406.0 | 405.5 | 404.9 | 404.9 |
| 172.5° | 406.1 | 406.7 | 407.3 | 407.9 | 408.5 | 408.5 | 408.0 | 407.5 | 407.0 | 406.4 | 406.4 |
| 175° | 408.0 | 408.5 | 409.1 | 409.7 | 410.2 | 410.2 | 409.7 | 409.2 | 408.8 | 408.3 | 408.2 |
| 177.5° | 408.5 | 409.1 | 409.7 | 410.2 | 410.7 | 410.8 | 410.4 | 409.9 | 409.5 | 409.1 | 409.0 |
| 180° | 409.5 | 409.5 | 409.5 | 409.5 | 409.5 | 409.5 | 409.5 | 409.5 | 409.5 | 409.5 | 409.5 |



TEST NUMBER: P332240-935

CATALOG NUMBER: S123RDIP-S340D365U935-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 468.6 | 468.6 | 468.6 | 468.6 | 468.6 | 468.6 | 468.6 | 468.6 | 468.6 | 468.6 | 468.6 |
| 2.5° | 483.8 | 483.4 | 481.1 | 478.5 | 475.2 | 472.9 | 471.1 | 470.2 | 467.3 | 463.7 | 461.4 |
| 5° | 513.8 | 507.7 | 501.3 | 493.4 | 486.2 | 478.8 | 474.2 | 468.8 | 462.2 | 454.8 | 449.5 |
| 7.5° | 545.7 | 533.9 | 521.2 | 508.1 | 495.2 | 483.5 | 473.2 | 464.4 | 453.9 | 443.2 | 435.8 |
| 10° | 570.3 | 553.0 | 535.2 | 516.9 | 500.3 | 484.7 | 472.6 | 460.8 | 448.2 | 435.9 | 426.6 |
| 12.5° | 592.6 | 569.9 | 549.3 | 526.8 | 505.6 | 486.9 | 469.6 | 455.6 | 440.4 | 427.4 | 416.9 |
| 15° | 620.9 | 597.5 | 572.7 | 538.6 | 510.3 | 486.6 | 465.5 | 447.3 | 428.9 | 412.8 | 402.6 |
| 17.5° | 647.2 | 612.3 | 578.8 | 550.4 | 513.6 | 484.1 | 458.3 | 436.5 | 416.2 | 399.2 | 386.6 |
| 20° | 658.1 | 624.2 | 588.0 | 551.6 | 515.6 | 482.4 | 452.5 | 428.4 | 407.4 | 388.1 | 376.5 |
| 22.5° | 664.7 | 626.4 | 588.1 | 549.1 | 510.7 | 476.3 | 446.8 | 420.3 | 397.4 | 379.2 | 364.8 |
| 25° | 672.4 | 626.6 | 584.5 | 546.0 | 506.9 | 469.6 | 434.5 | 406.4 | 381.8 | 362.3 | 347.1 |
| 27.5° | 677.4 | 623.6 | 573.9 | 531.1 | 491.4 | 454.3 | 422.1 | 392.3 | 367.2 | 346.6 | 330.3 |
| 30° | 678.4 | 621.2 | 565.7 | 519.4 | 479.1 | 444.9 | 410.8 | 382.4 | 355.9 | 334.0 | 318.7 |
| 32.5° | 679.7 | 615.3 | 554.6 | 505.4 | 464.1 | 430.3 | 399.4 | 372.2 | 345.1 | 323.6 | 308.0 |
| 35° | 674.4 | 612.0 | 537.8 | 481.2 | 439.9 | 407.2 | 379.4 | 354.2 | 327.6 | 306.7 | 290.8 |
| 37.5° | 651.6 | 599.0 | 520.4 | 454.0 | 410.8 | 380.6 | 357.8 | 336.0 | 311.5 | 289.0 | 274.1 |
| 40° | 628.7 | 586.2 | 506.9 | 437.5 | 392.4 | 361.3 | 340.8 | 323.0 | 299.3 | 278.2 | 262.2 |
| 42.5° | 594.5 | 568.6 | 494.0 | 420.2 | 371.5 | 341.6 | 324.3 | 307.5 | 286.8 | 265.4 | 250.3 |
| 45° | 531.8 | 535.2 | 467.8 | 392.5 | 342.6 | 312.5 | 296.3 | 284.6 | 266.2 | 248.6 | 233.1 |
| 47.5° | 453.1 | 485.0 | 437.0 | 363.2 | 312.2 | 284.0 | 269.8 | 259.6 | 247.1 | 229.8 | 215.7 |
| 50° | 401.8 | 447.3 | 412.2 | 343.5 | 293.1 | 265.0 | 251.0 | 242.7 | 231.9 | 218.3 | 204.8 |
| 52.5° | 354.5 | 403.4 | 382.4 | 321.4 | 272.3 | 246.7 | 233.0 | 226.2 | 217.6 | 204.7 | 192.6 |
| 55° | 289.0 | 338.6 | 333.8 | 288.3 | 241.3 | 218.3 | 207.8 | 200.2 | 194.4 | 184.8 | 175.1 |
| 57.5° | 233.8 | 280.8 | 283.3 | 251.3 | 214.0 | 191.1 | 182.2 | 176.4 | 172.6 | 165.4 | 156.4 |
| 60° | 199.0 | 242.1 | 250.6 | 226.4 | 194.4 | 174.4 | 165.5 | 160.8 | 157.9 | 152.1 | 145.3 |
| 62.5° | 170.1 | 206.8 | 216.4 | 199.1 | 175.6 | 156.8 | 149.9 | 145.5 | 143.4 | 138.4 | 132.4 |
| 65° | 130.2 | 160.7 | 169.9 | 160.3 | 148.0 | 133.0 | 127.3 | 123.6 | 121.7 | 119.0 | 114.5 |
| 67.5° | 97.9 | 120.1 | 130.3 | 123.5 | 119.0 | 109.5 | 106.0 | 103.9 | 102.3 | 100.4 | 96.7 |
| 70° | 78.6 | 95.1 | 105.5 | 103.8 | 100.1 | 95.1 | 92.5 | 91.1 | 89.5 | 87.8 | 84.6 |
| 72.5° | 63.2 | 74.6 | 84.3 | 85.2 | 82.3 | 81.3 | 79.0 | 78.4 | 77.4 | 75.5 | 73.7 |
| 75° | 41.9 | 49.8 | 56.6 | 59.2 | 60.4 | 61.4 | 60.4 | 60.2 | 60.0 | 58.4 | 57.3 |
| 77.5° | 27.5 | 31.7 | 36.0 | 40.5 | 42.4 | 43.7 | 44.0 | 44.8 | 44.2 | 43.4 | 42.9 |
| 80° | 21.1 | 22.0 | 25.1 | 28.8 | 31.9 | 33.1 | 33.9 | 34.3 | 34.1 | 33.9 | 33.1 |
| 82.5° | 15.3 | 16.1 | 17.6 | 20.2 | 22.7 | 24.7 | 25.2 | 25.1 | 25.6 | 25.7 | 25.1 |
| 85° | 8.3 | 8.4 | 8.9 | 9.2 | 10.6 | 12.8 | 13.4 | 13.9 | 14.2 | 14.2 | 13.0 |
| 87.5° | 3.7 | 3.4 | 3.4 | 3.4 | 3.7 | 3.7 | 4.6 | 5.2 | 5.5 | 5.0 | 5.1 |
| 90° | 5.5 | 4.6 | 3.8 | 3.0 | 2.3 | 1.6 | 0.9 | 0.3 | 0.9 | 1.6 | 2.3 |
| 92.5° | 6.5 | 5.8 | 5.2 | 4.9 | 5.1 | 5.3 | 5.5 | 5.7 | 5.5 | 5.3 | 5.1 |
| 95° | 7.9 | 7.2 | 6.5 | 7.5 | 10.2 | 13.0 | 15.8 | 18.6 | 15.8 | 13.0 | 10.2 |
| 97.5° | 19.5 | 24.4 | 29.3 | 32.3 | 33.6 | 34.8 | 36.1 | 37.3 | 36.1 | 34.8 | 33.6 |
| 100° | 31.2 | 41.7 | 52.3 | 56.8 | 55.4 | 54.2 | 52.8 | 51.4 | 52.8 | 54.2 | 55.4 |
| 102.5° | 43.0 | 54.6 | 66.1 | 71.4 | 70.4 | 69.4 | 68.4 | 67.5 | 68.4 | 69.4 | 70.4 |
| 105° | 78.8 | 84.9 | 91.0 | 93.7 | 92.9 | 92.1 | 91.4 | 90.7 | 91.4 | 92.1 | 92.9 |
| 107.5° | 120.2 | 119.2 | 118.3 | 117.5 | 116.9 | 116.3 | 115.7 | 115.1 | 115.7 | 116.3 | 116.9 |
| 110° | 135.7 | 135.0 | 134.2 | 133.6 | 133.0 | 132.5 | 132.0 | 131.5 | 132.0 | 132.5 | 133.0 |



TEST NUMBER: P332240-935

CATALOG NUMBER: S123RDIP-S340D365U935-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 151.1 | 150.3 | 149.6 | 149.0 | 148.4 | 148.0 | 147.5 | 147.0 | 147.5 | 148.0 | 148.4 |
| 115° | 173.4 | 172.8 | 172.2 | 171.7 | 171.3 | 170.9 | 170.5 | 170.0 | 170.5 | 170.9 | 171.3 |
| 117.5° | 195.4 | 195.1 | 194.8 | 194.4 | 193.9 | 193.4 | 193.0 | 192.4 | 193.0 | 193.4 | 193.9 |
| 120° | 209.6 | 209.3 | 209.1 | 208.7 | 208.1 | 207.5 | 206.9 | 206.3 | 206.9 | 207.5 | 208.1 |
| 122.5° | 223.3 | 223.0 | 222.7 | 222.4 | 221.9 | 221.4 | 220.9 | 220.4 | 220.9 | 221.4 | 221.9 |
| 125° | 242.9 | 242.6 | 242.3 | 241.9 | 241.3 | 240.8 | 240.3 | 239.8 | 240.3 | 240.8 | 241.3 |
| 127.5° | 261.7 | 261.4 | 261.1 | 260.6 | 260.1 | 259.6 | 259.1 | 258.5 | 259.1 | 259.6 | 260.1 |
| 130° | 273.3 | 273.0 | 272.8 | 272.3 | 271.8 | 271.2 | 270.7 | 270.2 | 270.7 | 271.2 | 271.8 |
| 132.5° | 284.4 | 284.1 | 283.9 | 283.5 | 283.0 | 282.5 | 281.9 | 281.4 | 281.9 | 282.5 | 283.0 |
| 135° | 301.0 | 300.7 | 300.4 | 300.1 | 299.7 | 299.3 | 298.9 | 298.5 | 298.9 | 299.3 | 299.7 |
| 137.5° | 315.7 | 315.6 | 315.5 | 315.1 | 314.6 | 314.1 | 313.6 | 313.1 | 313.6 | 314.1 | 314.6 |
| 140° | 325.1 | 324.9 | 324.8 | 324.4 | 324.0 | 323.6 | 323.2 | 322.8 | 323.2 | 323.6 | 324.0 |
| 142.5° | 334.2 | 334.0 | 333.7 | 333.5 | 333.0 | 332.6 | 332.3 | 331.8 | 332.3 | 332.6 | 333.0 |
| 145° | 346.9 | 346.7 | 346.6 | 346.3 | 345.9 | 345.3 | 344.9 | 344.4 | 344.9 | 345.3 | 345.9 |
| 147.5° | 358.0 | 357.9 | 357.7 | 357.5 | 357.2 | 356.9 | 356.6 | 356.3 | 356.6 | 356.9 | 357.2 |
| 150° | 364.8 | 364.7 | 364.5 | 364.4 | 364.2 | 363.9 | 363.8 | 363.6 | 363.8 | 363.9 | 364.2 |
| 152.5° | 370.7 | 370.7 | 370.7 | 370.5 | 370.4 | 370.3 | 370.2 | 370.1 | 370.2 | 370.3 | 370.4 |
| 155° | 378.9 | 378.9 | 378.8 | 378.8 | 379.0 | 379.1 | 379.3 | 379.4 | 379.3 | 379.1 | 379.0 |
| 157.5° | 386.3 | 386.4 | 386.5 | 386.5 | 386.5 | 386.6 | 386.6 | 386.6 | 386.6 | 386.6 | 386.5 |
| 160° | 390.5 | 390.5 | 390.6 | 390.7 | 390.7 | 390.8 | 390.9 | 391.0 | 390.9 | 390.8 | 390.7 |
| 162.5° | 394.2 | 394.2 | 394.3 | 394.4 | 394.6 | 394.8 | 394.9 | 395.1 | 394.9 | 394.8 | 394.6 |
| 165° | 399.0 | 399.1 | 399.2 | 399.2 | 399.5 | 399.7 | 399.8 | 400.1 | 399.8 | 399.7 | 399.5 |
| 167.5° | 402.8 | 402.8 | 402.8 | 402.9 | 403.2 | 403.5 | 403.7 | 404.0 | 403.7 | 403.5 | 403.2 |
| 170° | 404.9 | 404.9 | 404.9 | 405.1 | 405.4 | 405.6 | 405.9 | 406.1 | 405.9 | 405.6 | 405.4 |
| 172.5° | 406.3 | 406.2 | 406.2 | 406.3 | 406.7 | 407.0 | 407.3 | 407.6 | 407.3 | 407.0 | 406.7 |
| 175° | 408.2 | 408.1 | 408.0 | 408.2 | 408.5 | 408.8 | 409.1 | 409.5 | 409.1 | 408.8 | 408.5 |
| 177.5° | 408.9 | 408.9 | 408.8 | 408.9 | 409.2 | 409.5 | 409.7 | 410.0 | 409.7 | 409.5 | 409.2 |
| 180° | 409.5 | 409.5 | 409.5 | 409.5 | 409.5 | 409.5 | 409.5 | 409.5 | 409.5 | 409.5 | 409.5 |



TEST NUMBER: P332240-935

CATALOG NUMBER: S123RDIP-S340D365U935-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 468.6 | 468.6 | 468.6 | 468.6 | 468.6 | 468.6 | 468.6 | 468.6 | 468.6 | 468.6 | 468.6 |
| 2.5° | 460.5 | 458.5 | 457.0 | 453.8 | 451.8 | 449.5 | 447.3 | 448.7 | 448.5 | 448.4 | 448.4 |
| 5° | 445.1 | 440.5 | 436.3 | 430.8 | 427.5 | 423.3 | 420.1 | 419.7 | 420.4 | 417.7 | 416.0 |
| 7.5° | 429.8 | 423.5 | 417.5 | 411.6 | 405.2 | 400.1 | 397.0 | 395.5 | 393.5 | 391.8 | 389.9 |
| 10° | 419.0 | 411.6 | 405.8 | 398.4 | 391.6 | 385.6 | 381.8 | 379.1 | 377.7 | 376.3 | 373.7 |
| 12.5° | 407.9 | 400.7 | 393.3 | 384.9 | 378.4 | 371.4 | 368.6 | 365.7 | 363.0 | 361.4 | 357.8 |
| 15° | 391.8 | 382.4 | 374.5 | 365.7 | 358.4 | 351.6 | 347.7 | 341.8 | 341.0 | 339.0 | 335.4 |
| 17.5° | 375.5 | 365.3 | 354.5 | 347.9 | 339.8 | 332.7 | 326.6 | 324.7 | 318.9 | 316.8 | 313.6 |
| 20° | 362.7 | 353.3 | 345.0 | 336.4 | 324.6 | 318.0 | 313.1 | 310.6 | 305.9 | 303.1 | 301.1 |
| 22.5° | 351.6 | 342.0 | 332.5 | 322.4 | 312.7 | 305.2 | 301.7 | 297.6 | 295.2 | 291.2 | 289.0 |
| 25° | 335.8 | 325.4 | 313.9 | 303.1 | 296.1 | 290.5 | 284.8 | 281.2 | 277.6 | 275.8 | 271.8 |
| 27.5° | 317.5 | 306.5 | 295.8 | 287.6 | 279.0 | 273.5 | 268.4 | 265.2 | 260.8 | 257.8 | 255.5 |
| 30° | 307.3 | 294.5 | 285.2 | 277.8 | 266.8 | 261.6 | 257.8 | 253.7 | 250.6 | 247.4 | 245.1 |
| 32.5° | 295.6 | 283.9 | 275.2 | 266.0 | 257.5 | 251.8 | 246.8 | 243.3 | 240.6 | 237.5 | 235.3 |
| 35° | 277.2 | 267.4 | 258.4 | 249.2 | 242.9 | 237.1 | 231.3 | 228.3 | 225.7 | 222.8 | 220.8 |
| 37.5° | 260.6 | 251.4 | 242.8 | 234.1 | 226.4 | 221.6 | 217.0 | 214.6 | 211.1 | 209.2 | 207.2 |
| 40° | 250.4 | 241.3 | 232.1 | 223.7 | 215.7 | 212.1 | 207.8 | 204.4 | 201.2 | 199.8 | 197.6 |
| 42.5° | 239.1 | 230.1 | 222.3 | 213.3 | 206.6 | 201.7 | 197.9 | 194.2 | 191.7 | 189.7 | 188.5 |
| 45° | 222.5 | 214.5 | 206.8 | 197.8 | 191.6 | 187.4 | 183.0 | 179.5 | 177.4 | 175.9 | 173.7 |
| 47.5° | 206.3 | 198.3 | 190.5 | 182.7 | 176.7 | 171.9 | 167.4 | 165.1 | 162.1 | 160.4 | 158.9 |
| 50° | 194.6 | 187.4 | 179.2 | 171.9 | 165.9 | 161.1 | 157.5 | 154.5 | 151.9 | 149.6 | 148.6 |
| 52.5° | 183.8 | 176.2 | 169.0 | 162.3 | 155.9 | 150.5 | 147.2 | 144.0 | 142.1 | 139.6 | 138.4 |
| 55° | 166.1 | 158.7 | 152.7 | 146.0 | 139.8 | 135.2 | 131.2 | 128.4 | 126.4 | 123.6 | 122.0 |
| 57.5° | 149.5 | 142.8 | 135.6 | 129.8 | 123.5 | 119.6 | 116.2 | 112.4 | 109.9 | 107.8 | 106.2 |
| 60° | 138.2 | 130.6 | 124.3 | 119.0 | 113.3 | 108.3 | 105.3 | 102.3 | 99.7 | 97.5 | 96.1 |
| 62.5° | 126.5 | 119.9 | 113.9 | 108.1 | 102.9 | 98.5 | 95.1 | 92.6 | 90.2 | 88.9 | 87.4 |
| 65° | 108.5 | 103.3 | 97.3 | 92.5 | 87.6 | 84.5 | 81.6 | 79.5 | 77.8 | 76.8 | 75.6 |
| 67.5° | 92.0 | 87.0 | 81.7 | 77.0 | 73.7 | 71.3 | 69.5 | 67.6 | 66.7 | 65.4 | 64.7 |
| 70° | 81.3 | 76.0 | 71.4 | 67.8 | 64.6 | 62.8 | 61.6 | 60.2 | 59.4 | 57.8 | 57.0 |
| 72.5° | 69.6 | 65.8 | 62.4 | 59.5 | 56.9 | 55.3 | 53.7 | 52.0 | 50.7 | 48.9 | 48.1 |
| 75° | 54.8 | 51.3 | 48.7 | 46.8 | 45.1 | 43.0 | 40.7 | 38.9 | 38.3 | 37.7 | 37.5 |
| 77.5° | 40.6 | 38.4 | 36.5 | 34.8 | 32.8 | 31.3 | 30.7 | 30.3 | 30.2 | 29.9 | 29.9 |
| 80° | 31.9 | 29.9 | 28.5 | 26.5 | 25.3 | 25.3 | 25.3 | 24.9 | 25.1 | 25.1 | 25.1 |
| 82.5° | 23.7 | 21.9 | 21.1 | 20.4 | 20.1 | 20.3 | 20.3 | 20.4 | 20.2 | 20.6 | 20.4 |
| 85° | 12.2 | 12.4 | 12.8 | 12.7 | 12.8 | 12.8 | 13.3 | 13.0 | 13.3 | 12.8 | 13.3 |
| 87.5° | 5.1 | 5.8 | 6.0 | 6.4 | 6.7 | 6.7 | 7.0 | 7.1 | 7.2 | 7.3 | 7.3 |
| 90° | 3.0 | 3.8 | 4.6 | 5.5 | 6.5 | 7.3 | 7.6 | 7.8 | 8.1 | 8.4 | 8.6 |
| 92.5° | 4.9 | 5.2 | 5.8 | 6.5 | 7.1 | 7.7 | 8.2 | 8.7 | 9.1 | 9.6 | 9.8 |
| 95° | 7.5 | 6.5 | 7.2 | 7.9 | 8.7 | 9.5 | 9.9 | 10.4 | 10.8 | 11.4 | 11.5 |
| 97.5° | 32.3 | 29.3 | 24.4 | 19.5 | 14.6 | 9.8 | 10.3 | 10.8 | 11.5 | 12.0 | 12.2 |
| 100° | 56.8 | 52.3 | 41.7 | 31.2 | 20.6 | 10.1 | 10.6 | 11.1 | 11.6 | 12.2 | 12.5 |
| 102.5° | 71.4 | 66.1 | 54.6 | 43.0 | 31.5 | 20.1 | 18.3 | 16.7 | 15.0 | 13.3 | 12.6 |
| 105° | 93.7 | 91.0 | 84.9 | 78.8 | 72.8 | 66.6 | 54.7 | 42.7 | 30.7 | 18.8 | 12.8 |
| 107.5° | 117.5 | 118.3 | 119.2 | 120.2 | 121.1 | 122.1 | 113.3 | 104.6 | 95.8 | 87.0 | 78.1 |
| 110° | 133.6 | 134.2 | 135.0 | 135.7 | 136.5 | 137.2 | 135.0 | 132.8 | 130.5 | 128.3 | 122.3 |



TEST NUMBER: P332240-935

CATALOG NUMBER: S123RDIP-S340D365U935-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 149.0 | 149.6 | 150.3 | 151.1 | 151.8 | 152.6 | 152.6 | 152.7 | 152.7 | 152.7 | 151.7 |
| 115° | 171.7 | 172.2 | 172.8 | 173.4 | 174.0 | 174.6 | 175.3 | 176.0 | 176.7 | 177.4 | 177.8 |
| 117.5° | 194.4 | 194.8 | 195.1 | 195.4 | 195.8 | 196.0 | 196.6 | 197.2 | 197.7 | 198.2 | 198.5 |
| 120° | 208.7 | 209.1 | 209.3 | 209.6 | 209.7 | 209.9 | 210.5 | 211.0 | 211.5 | 212.1 | 212.4 |
| 122.5° | 222.4 | 222.7 | 223.0 | 223.3 | 223.5 | 223.8 | 224.2 | 224.5 | 225.0 | 225.3 | 225.5 |
| 125° | 241.9 | 242.3 | 242.6 | 242.9 | 243.1 | 243.4 | 243.6 | 243.7 | 243.8 | 243.9 | 244.1 |
| 127.5° | 260.6 | 261.1 | 261.4 | 261.7 | 262.1 | 262.3 | 262.6 | 262.8 | 263.0 | 263.3 | 263.3 |
| 130° | 272.3 | 272.8 | 273.0 | 273.3 | 273.5 | 273.8 | 274.1 | 274.4 | 274.7 | 274.9 | 275.0 |
| 132.5° | 283.5 | 283.9 | 284.1 | 284.4 | 284.6 | 284.8 | 285.1 | 285.3 | 285.6 | 285.9 | 285.9 |
| 135° | 300.1 | 300.4 | 300.7 | 301.0 | 301.3 | 301.5 | 301.7 | 302.0 | 302.1 | 302.3 | 302.3 |
| 137.5° | 315.1 | 315.5 | 315.6 | 315.7 | 315.9 | 316.1 | 316.4 | 316.7 | 317.0 | 317.4 | 317.5 |
| 140° | 324.4 | 324.8 | 324.9 | 325.1 | 325.4 | 325.5 | 325.8 | 326.1 | 326.3 | 326.7 | 326.7 |
| 142.5° | 333.5 | 333.7 | 334.0 | 334.2 | 334.3 | 334.6 | 334.8 | 335.0 | 335.2 | 335.4 | 335.4 |
| 145° | 346.3 | 346.6 | 346.7 | 346.9 | 347.0 | 347.2 | 347.3 | 347.4 | 347.6 | 347.7 | 347.8 |
| 147.5° | 357.5 | 357.7 | 357.9 | 358.0 | 358.2 | 358.3 | 358.4 | 358.5 | 358.7 | 358.9 | 358.8 |
| 150° | 364.4 | 364.5 | 364.7 | 364.8 | 365.0 | 365.1 | 365.2 | 365.4 | 365.5 | 365.7 | 365.6 |
| 152.5° | 370.5 | 370.7 | 370.7 | 370.7 | 370.8 | 370.9 | 371.2 | 371.4 | 371.7 | 372.0 | 371.9 |
| 155° | 378.8 | 378.8 | 378.9 | 378.9 | 379.0 | 379.1 | 379.4 | 379.8 | 380.1 | 380.5 | 380.4 |
| 157.5° | 386.5 | 386.5 | 386.4 | 386.3 | 386.2 | 386.2 | 386.6 | 387.0 | 387.4 | 387.9 | 387.8 |
| 160° | 390.7 | 390.6 | 390.5 | 390.5 | 390.5 | 390.4 | 390.7 | 391.2 | 391.6 | 392.0 | 391.9 |
| 162.5° | 394.4 | 394.3 | 394.2 | 394.2 | 394.1 | 394.0 | 394.4 | 394.9 | 395.4 | 395.8 | 395.9 |
| 165° | 399.2 | 399.2 | 399.1 | 399.0 | 398.9 | 398.9 | 399.4 | 399.9 | 400.5 | 401.1 | 401.1 |
| 167.5° | 402.9 | 402.8 | 402.8 | 402.8 | 402.8 | 402.8 | 403.3 | 403.8 | 404.4 | 404.9 | 404.9 |
| 170° | 405.1 | 404.9 | 404.9 | 404.9 | 404.9 | 404.9 | 405.5 | 406.0 | 406.6 | 407.1 | 407.1 |
| 172.5° | 406.3 | 406.2 | 406.2 | 406.3 | 406.4 | 406.4 | 407.0 | 407.5 | 408.0 | 408.5 | 408.5 |
| 175° | 408.2 | 408.0 | 408.1 | 408.2 | 408.2 | 408.3 | 408.8 | 409.2 | 409.7 | 410.2 | 410.2 |
| 177.5° | 408.9 | 408.8 | 408.9 | 408.9 | 409.0 | 409.1 | 409.5 | 409.9 | 410.4 | 410.8 | 410.7 |
| 180° | 409.5 | 409.5 | 409.5 | 409.5 | 409.5 | 409.5 | 409.5 | 409.5 | 409.5 | 409.5 | 409.5 |



TEST NUMBER: P332240-935

CATALOG NUMBER: S123RDIP-S340D365U935-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 468.6 | 468.6 | 468.6 | 468.6 | 468.6 | 468.6 | 468.6 | 468.6 | 468.6 | 468.6 | 468.6 |
| 2.5° | 446.4 | 446.3 | 446.4 | 445.8 | 446.4 | 446.3 | 446.4 | 448.4 | 448.4 | 448.5 | 448.7 |
| 5° | 415.4 | 415.3 | 414.7 | 412.8 | 414.7 | 415.3 | 415.4 | 416.0 | 417.7 | 420.4 | 419.7 |
| 7.5° | 388.3 | 388.1 | 386.3 | 386.3 | 386.3 | 388.1 | 388.3 | 389.9 | 391.8 | 393.5 | 395.5 |
| 10° | 372.3 | 372.5 | 370.1 | 368.7 | 370.1 | 372.5 | 372.3 | 373.7 | 376.3 | 377.7 | 379.1 |
| 12.5° | 356.7 | 355.9 | 353.9 | 352.3 | 353.9 | 355.9 | 356.7 | 357.8 | 361.4 | 363.0 | 365.7 |
| 15° | 336.2 | 334.2 | 329.4 | 329.8 | 329.4 | 334.2 | 336.2 | 335.4 | 339.0 | 341.0 | 341.8 |
| 17.5° | 312.0 | 310.6 | 310.5 | 307.6 | 310.5 | 310.6 | 312.0 | 313.6 | 316.8 | 318.9 | 324.7 |
| 20° | 297.9 | 296.9 | 297.3 | 294.5 | 297.3 | 296.9 | 297.9 | 301.1 | 303.1 | 305.9 | 310.6 |
| 22.5° | 286.8 | 285.8 | 284.1 | 283.3 | 284.1 | 285.8 | 286.8 | 289.0 | 291.2 | 295.2 | 297.6 |
| 25° | 270.6 | 269.0 | 267.4 | 268.4 | 267.4 | 269.0 | 270.6 | 271.8 | 275.8 | 277.6 | 281.2 |
| 27.5° | 254.4 | 253.2 | 251.6 | 251.4 | 251.6 | 253.2 | 254.4 | 255.5 | 257.8 | 260.8 | 265.2 |
| 30° | 244.1 | 242.9 | 242.1 | 241.1 | 242.1 | 242.9 | 244.1 | 245.1 | 247.4 | 250.6 | 253.7 |
| 32.5° | 233.7 | 233.4 | 232.0 | 231.8 | 232.0 | 233.4 | 233.7 | 235.3 | 237.5 | 240.6 | 243.3 |
| 35° | 220.1 | 218.9 | 218.4 | 218.6 | 218.4 | 218.9 | 220.1 | 220.8 | 222.8 | 225.7 | 228.3 |
| 37.5° | 207.1 | 205.5 | 204.7 | 204.1 | 204.7 | 205.5 | 207.1 | 207.2 | 209.2 | 211.1 | 214.6 |
| 40° | 197.8 | 196.2 | 195.8 | 195.4 | 195.8 | 196.2 | 197.8 | 197.6 | 199.8 | 201.2 | 204.4 |
| 42.5° | 187.4 | 186.8 | 186.5 | 185.7 | 186.5 | 186.8 | 187.4 | 188.5 | 189.7 | 191.7 | 194.2 |
| 45° | 173.1 | 172.9 | 171.7 | 172.1 | 171.7 | 172.9 | 173.1 | 173.7 | 175.9 | 177.4 | 179.5 |
| 47.5° | 158.1 | 157.2 | 156.4 | 157.0 | 156.4 | 157.2 | 158.1 | 158.9 | 160.4 | 162.1 | 165.1 |
| 50° | 147.8 | 147.4 | 145.6 | 146.0 | 145.6 | 147.4 | 147.8 | 148.6 | 149.6 | 151.9 | 154.5 |
| 52.5° | 137.6 | 136.0 | 135.3 | 135.1 | 135.3 | 136.0 | 137.6 | 138.4 | 139.6 | 142.1 | 144.0 |
| 55° | 120.5 | 118.7 | 118.0 | 117.5 | 118.0 | 118.7 | 120.5 | 122.0 | 123.6 | 126.4 | 128.4 |
| 57.5° | 103.8 | 103.4 | 102.7 | 103.1 | 102.7 | 103.4 | 103.8 | 106.2 | 107.8 | 109.9 | 112.4 |
| 60° | 94.1 | 94.1 | 94.1 | 93.8 | 94.1 | 94.1 | 94.1 | 96.1 | 97.5 | 99.7 | 102.3 |
| 62.5° | 86.5 | 86.0 | 85.9 | 86.2 | 85.9 | 86.0 | 86.5 | 87.4 | 88.9 | 90.2 | 92.6 |
| 65° | 75.0 | 74.8 | 74.0 | 73.8 | 74.0 | 74.8 | 75.0 | 75.6 | 76.8 | 77.8 | 79.5 |
| 67.5° | 64.1 | 63.5 | 63.2 | 62.9 | 63.2 | 63.5 | 64.1 | 64.7 | 65.4 | 66.7 | 67.6 |
| 70° | 56.0 | 55.5 | 54.3 | 54.6 | 54.3 | 55.5 | 56.0 | 57.0 | 57.8 | 59.4 | 60.2 |
| 72.5° | 47.2 | 46.8 | 46.5 | 46.2 | 46.5 | 46.8 | 47.2 | 48.1 | 48.9 | 50.7 | 52.0 |
| 75° | 37.3 | 37.1 | 36.9 | 37.7 | 36.9 | 37.1 | 37.3 | 37.5 | 37.7 | 38.3 | 38.9 |
| 77.5° | 29.9 | 29.9 | 30.0 | 29.7 | 30.0 | 29.9 | 29.9 | 29.9 | 29.9 | 30.2 | 30.3 |
| 80° | 25.1 | 25.1 | 24.9 | 24.9 | 24.9 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 24.9 |
| 82.5° | 20.1 | 20.2 | 20.4 | 20.1 | 20.4 | 20.2 | 20.1 | 20.4 | 20.6 | 20.2 | 20.4 |
| 85° | 13.3 | 13.0 | 13.4 | 13.3 | 13.4 | 13.0 | 13.3 | 13.3 | 12.8 | 13.3 | 13.0 |
| 87.5° | 7.7 | 7.4 | 7.4 | 7.6 | 7.4 | 7.4 | 7.7 | 7.3 | 7.3 | 7.2 | 7.1 |
| 90° | 8.7 | 8.9 | 9.0 | 9.1 | 9.0 | 8.9 | 8.7 | 8.6 | 8.4 | 8.1 | 7.8 |
| 92.5° | 9.8 | 9.9 | 10.0 | 10.1 | 10.0 | 9.9 | 9.8 | 9.8 | 9.6 | 9.1 | 8.7 |
| 95° | 11.5 | 11.5 | 11.5 | 11.5 | 11.5 | 11.5 | 11.5 | 11.5 | 11.4 | 10.8 | 10.4 |
| 97.5° | 12.3 | 12.4 | 12.5 | 12.6 | 12.5 | 12.4 | 12.3 | 12.2 | 12.0 | 11.5 | 10.8 |
| 100° | 12.6 | 12.7 | 12.7 | 12.7 | 12.7 | 12.7 | 12.6 | 12.5 | 12.2 | 11.6 | 11.1 |
| 102.5° | 12.7 | 12.7 | 12.9 | 13.0 | 12.9 | 12.7 | 12.7 | 12.6 | 13.3 | 15.0 | 16.7 |
| 105° | 13.0 | 13.1 | 13.3 | 13.3 | 13.3 | 13.1 | 13.0 | 12.8 | 18.8 | 30.7 | 42.7 |
| 107.5° | 69.1 | 60.1 | 51.1 | 42.0 | 51.1 | 60.1 | 69.1 | 78.1 | 87.0 | 95.8 | 104.6 |
| 110° | 112.7 | 103.0 | 93.3 | 83.7 | 93.3 | 103.0 | 112.7 | 122.3 | 128.3 | 130.5 | 132.8 |



TEST NUMBER: P332240-935

CATALOG NUMBER: S123RDIP-S340D365U935-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 149.6 | 147.7 | 145.6 | 143.5 | 145.6 | 147.7 | 149.6 | 151.7 | 152.7 | 152.7 | 152.7 |
| 115° | 178.1 | 178.4 | 178.7 | 178.9 | 178.7 | 178.4 | 178.1 | 177.8 | 177.4 | 176.7 | 176.0 |
| 117.5° | 198.5 | 198.6 | 198.7 | 198.7 | 198.7 | 198.6 | 198.5 | 198.5 | 198.2 | 197.7 | 197.2 |
| 120° | 212.4 | 212.4 | 212.4 | 212.4 | 212.4 | 212.4 | 212.4 | 212.4 | 212.1 | 211.5 | 211.0 |
| 122.5° | 225.6 | 225.7 | 225.7 | 225.8 | 225.7 | 225.7 | 225.6 | 225.5 | 225.3 | 225.0 | 224.5 |
| 125° | 244.2 | 244.4 | 244.5 | 244.6 | 244.5 | 244.4 | 244.2 | 244.1 | 243.9 | 243.8 | 243.7 |
| 127.5° | 263.1 | 263.0 | 262.9 | 262.8 | 262.9 | 263.0 | 263.1 | 263.3 | 263.3 | 263.0 | 262.8 |
| 130° | 274.8 | 274.7 | 274.6 | 274.4 | 274.6 | 274.7 | 274.8 | 275.0 | 274.9 | 274.7 | 274.4 |
| 132.5° | 285.7 | 285.5 | 285.3 | 285.2 | 285.3 | 285.5 | 285.7 | 285.9 | 285.9 | 285.6 | 285.3 |
| 135° | 302.1 | 302.0 | 301.7 | 301.5 | 301.7 | 302.0 | 302.1 | 302.3 | 302.3 | 302.1 | 302.0 |
| 137.5° | 317.3 | 317.2 | 317.0 | 316.9 | 317.0 | 317.2 | 317.3 | 317.5 | 317.4 | 317.0 | 316.7 |
| 140° | 326.6 | 326.4 | 326.3 | 326.1 | 326.3 | 326.4 | 326.6 | 326.7 | 326.7 | 326.3 | 326.1 |
| 142.5° | 335.3 | 335.0 | 334.8 | 334.7 | 334.8 | 335.0 | 335.3 | 335.4 | 335.4 | 335.2 | 335.0 |
| 145° | 347.8 | 347.8 | 347.8 | 347.8 | 347.8 | 347.8 | 347.8 | 347.8 | 347.7 | 347.6 | 347.4 |
| 147.5° | 358.4 | 358.1 | 357.8 | 357.5 | 357.8 | 358.1 | 358.4 | 358.8 | 358.9 | 358.7 | 358.5 |
| 150° | 365.4 | 365.2 | 365.0 | 364.8 | 365.0 | 365.2 | 365.4 | 365.6 | 365.7 | 365.5 | 365.4 |
| 152.5° | 371.6 | 371.3 | 370.9 | 370.7 | 370.9 | 371.3 | 371.6 | 371.9 | 372.0 | 371.7 | 371.4 |
| 155° | 380.0 | 379.6 | 379.2 | 378.8 | 379.2 | 379.6 | 380.0 | 380.4 | 380.5 | 380.1 | 379.8 |
| 157.5° | 387.3 | 386.8 | 386.2 | 385.6 | 386.2 | 386.8 | 387.3 | 387.8 | 387.9 | 387.4 | 387.0 |
| 160° | 391.5 | 391.0 | 390.5 | 390.0 | 390.5 | 391.0 | 391.5 | 391.9 | 392.0 | 391.6 | 391.2 |
| 162.5° | 395.5 | 395.0 | 394.6 | 394.2 | 394.6 | 395.0 | 395.5 | 395.9 | 395.8 | 395.4 | 394.9 |
| 165° | 400.6 | 400.1 | 399.7 | 399.2 | 399.7 | 400.1 | 400.6 | 401.1 | 401.1 | 400.5 | 399.9 |
| 167.5° | 404.4 | 403.8 | 403.3 | 402.8 | 403.3 | 403.8 | 404.4 | 404.9 | 404.9 | 404.4 | 403.8 |
| 170° | 406.6 | 406.0 | 405.5 | 404.9 | 405.5 | 406.0 | 406.6 | 407.1 | 407.1 | 406.6 | 406.0 |
| 172.5° | 407.9 | 407.3 | 406.7 | 406.1 | 406.7 | 407.3 | 407.9 | 408.5 | 408.5 | 408.0 | 407.5 |
| 175° | 409.7 | 409.1 | 408.5 | 408.0 | 408.5 | 409.1 | 409.7 | 410.2 | 410.2 | 409.7 | 409.2 |
| 177.5° | 410.2 | 409.7 | 409.1 | 408.5 | 409.1 | 409.7 | 410.2 | 410.7 | 410.8 | 410.4 | 409.9 |
| 180° | 409.5 | 409.5 | 409.5 | 409.5 | 409.5 | 409.5 | 409.5 | 409.5 | 409.5 | 409.5 | 409.5 |



TEST NUMBER: P332240-935

CATALOG NUMBER: S123RDIP-S340D365U935-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 468.6 | 468.6 | 468.6 | 468.6 | 468.6 | 468.6 | 468.6 | 468.6 | 468.6 | 468.6 | 468.6 |
| 2.5° | 447.3 | 449.5 | 451.8 | 453.8 | 457.0 | 458.5 | 460.5 | 461.4 | 463.7 | 467.3 | 470.2 |
| 5° | 420.1 | 423.3 | 427.5 | 430.8 | 436.3 | 440.5 | 445.1 | 449.5 | 454.8 | 462.2 | 468.8 |
| 7.5° | 397.0 | 400.1 | 405.2 | 411.6 | 417.5 | 423.5 | 429.8 | 435.8 | 443.2 | 453.9 | 464.4 |
| 10° | 381.8 | 385.6 | 391.6 | 398.4 | 405.8 | 411.6 | 419.0 | 426.6 | 435.9 | 448.2 | 460.8 |
| 12.5° | 368.6 | 371.4 | 378.4 | 384.9 | 393.3 | 400.7 | 407.9 | 416.9 | 427.4 | 440.4 | 455.6 |
| 15° | 347.7 | 351.6 | 358.4 | 365.7 | 374.5 | 382.4 | 391.8 | 402.6 | 412.8 | 428.9 | 447.3 |
| 17.5° | 326.6 | 332.7 | 339.8 | 347.9 | 354.5 | 365.3 | 375.5 | 386.6 | 399.2 | 416.2 | 436.5 |
| 20° | 313.1 | 318.0 | 324.6 | 336.4 | 345.0 | 353.3 | 362.7 | 376.5 | 388.1 | 407.4 | 428.4 |
| 22.5° | 301.7 | 305.2 | 312.7 | 322.4 | 332.5 | 342.0 | 351.6 | 364.8 | 379.2 | 397.4 | 420.3 |
| 25° | 284.8 | 290.5 | 296.1 | 303.1 | 313.9 | 325.4 | 335.8 | 347.1 | 362.3 | 381.8 | 406.4 |
| 27.5° | 268.4 | 273.5 | 279.0 | 287.6 | 295.8 | 306.5 | 317.5 | 330.3 | 346.6 | 367.2 | 392.3 |
| 30° | 257.8 | 261.6 | 266.8 | 277.8 | 285.2 | 294.5 | 307.3 | 318.7 | 334.0 | 355.9 | 382.4 |
| 32.5° | 246.8 | 251.8 | 257.5 | 266.0 | 275.2 | 283.9 | 295.6 | 308.0 | 323.6 | 345.1 | 372.2 |
| 35° | 231.3 | 237.1 | 242.9 | 249.2 | 258.4 | 267.4 | 277.2 | 290.8 | 306.7 | 327.6 | 354.2 |
| 37.5° | 217.0 | 221.6 | 226.4 | 234.1 | 242.8 | 251.4 | 260.6 | 274.1 | 289.0 | 311.5 | 336.0 |
| 40° | 207.8 | 212.1 | 215.7 | 223.7 | 232.1 | 241.3 | 250.4 | 262.2 | 278.2 | 299.3 | 323.0 |
| 42.5° | 197.9 | 201.7 | 206.6 | 213.3 | 222.3 | 230.1 | 239.1 | 250.3 | 265.4 | 286.8 | 307.5 |
| 45° | 183.0 | 187.4 | 191.6 | 197.8 | 206.8 | 214.5 | 222.5 | 233.1 | 248.6 | 266.2 | 284.6 |
| 47.5° | 167.4 | 171.9 | 176.7 | 182.7 | 190.5 | 198.3 | 206.3 | 215.7 | 229.8 | 247.1 | 259.6 |
| 50° | 157.5 | 161.1 | 165.9 | 171.9 | 179.2 | 187.4 | 194.6 | 204.8 | 218.3 | 231.9 | 242.7 |
| 52.5° | 147.2 | 150.5 | 155.9 | 162.3 | 169.0 | 176.2 | 183.8 | 192.6 | 204.7 | 217.6 | 226.2 |
| 55° | 131.2 | 135.2 | 139.8 | 146.0 | 152.7 | 158.7 | 166.1 | 175.1 | 184.8 | 194.4 | 200.2 |
| 57.5° | 116.2 | 119.6 | 123.5 | 129.8 | 135.6 | 142.8 | 149.5 | 156.4 | 165.4 | 172.6 | 176.4 |
| 60° | 105.3 | 108.3 | 113.3 | 119.0 | 124.3 | 130.6 | 138.2 | 145.3 | 152.1 | 157.9 | 160.8 |
| 62.5° | 95.1 | 98.5 | 102.9 | 108.1 | 113.9 | 119.9 | 126.5 | 132.4 | 138.4 | 143.4 | 145.5 |
| 65° | 81.6 | 84.5 | 87.6 | 92.5 | 97.3 | 103.3 | 108.5 | 114.5 | 119.0 | 121.7 | 123.6 |
| 67.5° | 69.5 | 71.3 | 73.7 | 77.0 | 81.7 | 87.0 | 92.0 | 96.7 | 100.4 | 102.3 | 103.9 |
| 70° | 61.6 | 62.8 | 64.6 | 67.8 | 71.4 | 76.0 | 81.3 | 84.6 | 87.8 | 89.5 | 91.1 |
| 72.5° | 53.7 | 55.3 | 56.9 | 59.5 | 62.4 | 65.8 | 69.6 | 73.7 | 75.5 | 77.4 | 78.4 |
| 75° | 40.7 | 43.0 | 45.1 | 46.8 | 48.7 | 51.3 | 54.8 | 57.3 | 58.4 | 60.0 | 60.2 |
| 77.5° | 30.7 | 31.3 | 32.8 | 34.8 | 36.5 | 38.4 | 40.6 | 42.9 | 43.4 | 44.2 | 44.8 |
| 80° | 25.3 | 25.3 | 25.3 | 26.5 | 28.5 | 29.9 | 31.9 | 33.1 | 33.9 | 34.1 | 34.3 |
| 82.5° | 20.3 | 20.3 | 20.1 | 20.4 | 21.1 | 21.9 | 23.7 | 25.1 | 25.7 | 25.6 | 25.1 |
| 85° | 13.3 | 12.8 | 12.8 | 12.7 | 12.8 | 12.4 | 12.2 | 13.0 | 14.2 | 14.2 | 13.9 |
| 87.5° | 7.0 | 6.7 | 6.7 | 6.4 | 6.0 | 5.8 | 5.1 | 5.1 | 5.0 | 5.5 | 5.2 |
| 90° | 7.6 | 7.3 | 6.5 | 5.5 | 4.6 | 3.8 | 3.0 | 2.3 | 1.6 | 0.9 | 0.3 |
| 92.5° | 8.2 | 7.7 | 7.1 | 6.5 | 5.8 | 5.2 | 4.9 | 5.1 | 5.3 | 5.5 | 5.7 |
| 95° | 9.9 | 9.5 | 8.7 | 7.9 | 7.2 | 6.5 | 7.5 | 10.2 | 13.0 | 15.8 | 18.6 |
| 97.5° | 10.3 | 9.8 | 14.6 | 19.5 | 24.4 | 29.3 | 32.3 | 33.6 | 34.8 | 36.1 | 37.3 |
| 100° | 10.6 | 10.1 | 20.6 | 31.2 | 41.7 | 52.3 | 56.8 | 55.4 | 54.2 | 52.8 | 51.4 |
| 102.5° | 18.3 | 20.1 | 31.5 | 43.0 | 54.6 | 66.1 | 71.4 | 70.4 | 69.4 | 68.4 | 67.5 |
| 105° | 54.7 | 66.6 | 72.8 | 78.8 | 84.9 | 91.0 | 93.7 | 92.9 | 92.1 | 91.4 | 90.7 |
| 107.5° | 113.3 | 122.1 | 121.1 | 120.2 | 119.2 | 118.3 | 117.5 | 116.9 | 116.3 | 115.7 | 115.1 |
| 110° | 135.0 | 137.2 | 136.5 | 135.7 | 135.0 | 134.2 | 133.6 | 133.0 | 132.5 | 132.0 | 131.5 |



TEST NUMBER: P332240-935

CATALOG NUMBER: S123RDIP-S340D365U935-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 152.6 | 152.6 | 151.8 | 151.1 | 150.3 | 149.6 | 149.0 | 148.4 | 148.0 | 147.5 | 147.0 |
| 115° | 175.3 | 174.6 | 174.0 | 173.4 | 172.8 | 172.2 | 171.7 | 171.3 | 170.9 | 170.5 | 170.0 |
| 117.5° | 196.6 | 196.0 | 195.8 | 195.4 | 195.1 | 194.8 | 194.4 | 193.9 | 193.4 | 193.0 | 192.4 |
| 120° | 210.5 | 209.9 | 209.7 | 209.6 | 209.3 | 209.1 | 208.7 | 208.1 | 207.5 | 206.9 | 206.3 |
| 122.5° | 224.2 | 223.8 | 223.5 | 223.3 | 223.0 | 222.7 | 222.4 | 221.9 | 221.4 | 220.9 | 220.4 |
| 125° | 243.6 | 243.4 | 243.1 | 242.9 | 242.6 | 242.3 | 241.9 | 241.3 | 240.8 | 240.3 | 239.8 |
| 127.5° | 262.6 | 262.3 | 262.1 | 261.7 | 261.4 | 261.1 | 260.6 | 260.1 | 259.6 | 259.1 | 258.5 |
| 130° | 274.1 | 273.8 | 273.5 | 273.3 | 273.0 | 272.8 | 272.3 | 271.8 | 271.2 | 270.7 | 270.2 |
| 132.5° | 285.1 | 284.8 | 284.6 | 284.4 | 284.1 | 283.9 | 283.5 | 283.0 | 282.5 | 281.9 | 281.4 |
| 135° | 301.7 | 301.5 | 301.3 | 301.0 | 300.7 | 300.4 | 300.1 | 299.7 | 299.3 | 298.9 | 298.5 |
| 137.5° | 316.4 | 316.1 | 315.9 | 315.7 | 315.6 | 315.5 | 315.1 | 314.6 | 314.1 | 313.6 | 313.1 |
| 140° | 325.8 | 325.5 | 325.4 | 325.1 | 324.9 | 324.8 | 324.4 | 324.0 | 323.6 | 323.2 | 322.8 |
| 142.5° | 334.8 | 334.6 | 334.3 | 334.2 | 334.0 | 333.7 | 333.5 | 333.0 | 332.6 | 332.3 | 331.8 |
| 145° | 347.3 | 347.2 | 347.0 | 346.9 | 346.7 | 346.6 | 346.3 | 345.9 | 345.3 | 344.9 | 344.4 |
| 147.5° | 358.4 | 358.3 | 358.2 | 358.0 | 357.9 | 357.7 | 357.5 | 357.2 | 356.9 | 356.6 | 356.3 |
| 150° | 365.2 | 365.1 | 365.0 | 364.8 | 364.7 | 364.5 | 364.4 | 364.2 | 363.9 | 363.8 | 363.6 |
| 152.5° | 371.2 | 370.9 | 370.8 | 370.7 | 370.7 | 370.7 | 370.5 | 370.4 | 370.3 | 370.2 | 370.1 |
| 155° | 379.4 | 379.1 | 379.0 | 378.9 | 378.9 | 378.8 | 378.8 | 379.0 | 379.1 | 379.3 | 379.4 |
| 157.5° | 386.6 | 386.2 | 386.2 | 386.3 | 386.4 | 386.5 | 386.5 | 386.5 | 386.6 | 386.6 | 386.6 |
| 160° | 390.7 | 390.4 | 390.5 | 390.5 | 390.5 | 390.6 | 390.7 | 390.7 | 390.8 | 390.9 | 391.0 |
| 162.5° | 394.4 | 394.0 | 394.1 | 394.2 | 394.2 | 394.3 | 394.4 | 394.6 | 394.8 | 394.9 | 395.1 |
| 165° | 399.4 | 398.9 | 398.9 | 399.0 | 399.1 | 399.2 | 399.2 | 399.5 | 399.7 | 399.8 | 400.1 |
| 167.5° | 403.3 | 402.8 | 402.8 | 402.8 | 402.8 | 402.8 | 402.9 | 403.2 | 403.5 | 403.7 | 404.0 |
| 170° | 405.5 | 404.9 | 404.9 | 404.9 | 404.9 | 404.9 | 405.1 | 405.4 | 405.6 | 405.9 | 406.1 |
| 172.5° | 407.0 | 406.4 | 406.4 | 406.3 | 406.2 | 406.2 | 406.3 | 406.7 | 407.0 | 407.3 | 407.6 |
| 175° | 408.8 | 408.3 | 408.2 | 408.2 | 408.1 | 408.0 | 408.2 | 408.5 | 408.8 | 409.1 | 409.5 |
| 177.5° | 409.5 | 409.1 | 409.0 | 408.9 | 408.9 | 408.8 | 408.9 | 409.2 | 409.5 | 409.7 | 410.0 |
| 180° | 409.5 | 409.5 | 409.5 | 409.5 | 409.5 | 409.5 | 409.5 | 409.5 | 409.5 | 409.5 | 409.5 |



TEST NUMBER: P332240-935

CATALOG NUMBER: S123RDIP-S340D365U935-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 468.6 | 468.6 | 468.6 | 468.6 | 468.6 | 468.6 | 468.6 | 468.6 | 468.6 | 468.6 | 468.6 |
| 2.5° | 471.1 | 472.9 | 475.2 | 478.5 | 481.1 | 483.4 | 483.8 | 484.5 | 486.1 | 488.8 | 490.9 |
| 5° | 474.2 | 478.8 | 486.2 | 493.4 | 501.3 | 507.7 | 513.8 | 518.0 | 521.9 | 530.4 | 537.2 |
| 7.5° | 473.2 | 483.5 | 495.2 | 508.1 | 521.2 | 533.9 | 545.7 | 556.3 | 566.8 | 579.1 | 593.1 |
| 10° | 472.6 | 484.7 | 500.3 | 516.9 | 535.2 | 553.0 | 570.3 | 583.8 | 599.3 | 613.5 | 631.3 |
| 12.5° | 469.6 | 486.9 | 505.6 | 526.8 | 549.3 | 569.9 | 592.6 | 611.1 | 629.0 | 649.4 | 670.1 |
| 15° | 465.5 | 486.6 | 510.3 | 538.6 | 572.7 | 597.5 | 620.9 | 653.2 | 675.2 | 697.2 | 726.9 |
| 17.5° | 458.3 | 484.1 | 513.6 | 550.4 | 578.8 | 612.3 | 647.2 | 672.8 | 702.5 | 733.6 | 760.4 |
| 20° | 452.5 | 482.4 | 515.6 | 551.6 | 588.0 | 624.2 | 658.1 | 688.6 | 719.4 | 755.3 | 777.3 |
| 22.5° | 446.8 | 476.3 | 510.7 | 549.1 | 588.1 | 626.4 | 664.7 | 700.5 | 735.0 | 771.3 | 799.4 |
| 25° | 434.5 | 469.6 | 506.9 | 546.0 | 584.5 | 626.6 | 672.4 | 712.3 | 755.0 | 792.4 | 819.1 |
| 27.5° | 422.1 | 454.3 | 491.4 | 531.1 | 573.9 | 623.6 | 677.4 | 722.8 | 765.6 | 792.4 | 800.7 |
| 30° | 410.8 | 444.9 | 479.1 | 519.4 | 565.7 | 621.2 | 678.4 | 730.4 | 765.4 | 777.1 | 768.4 |
| 32.5° | 399.4 | 430.3 | 464.1 | 505.4 | 554.6 | 615.3 | 679.7 | 725.9 | 747.0 | 738.1 | 703.0 |
| 35° | 379.4 | 407.2 | 439.9 | 481.2 | 537.8 | 612.0 | 674.4 | 705.7 | 700.5 | 650.3 | 584.1 |
| 37.5° | 357.8 | 380.6 | 410.8 | 454.0 | 520.4 | 599.0 | 651.6 | 656.3 | 611.1 | 534.1 | 457.6 |
| 40° | 340.8 | 361.3 | 392.4 | 437.5 | 506.9 | 586.2 | 628.7 | 610.0 | 540.0 | 454.3 | 390.5 |
| 42.5° | 324.3 | 341.6 | 371.5 | 420.2 | 494.0 | 568.6 | 594.5 | 553.9 | 473.1 | 392.1 | 334.1 |
| 45° | 296.3 | 312.5 | 342.6 | 392.5 | 467.8 | 535.2 | 531.8 | 461.2 | 380.3 | 315.1 | 267.0 |
| 47.5° | 269.8 | 284.0 | 312.2 | 363.2 | 437.0 | 485.0 | 453.1 | 378.0 | 309.4 | 257.1 | 222.7 |
| 50° | 251.0 | 265.0 | 293.1 | 343.5 | 412.2 | 447.3 | 401.8 | 329.4 | 266.6 | 223.3 | 196.0 |
| 52.5° | 233.0 | 246.7 | 272.3 | 321.4 | 382.4 | 403.4 | 354.5 | 287.3 | 235.0 | 197.6 | 174.2 |
| 55° | 207.8 | 218.3 | 241.3 | 288.3 | 333.8 | 338.6 | 289.0 | 232.9 | 189.8 | 163.7 | 147.7 |
| 57.5° | 182.2 | 191.1 | 214.0 | 251.3 | 283.3 | 280.8 | 233.8 | 185.2 | 156.2 | 136.8 | 125.2 |
| 60° | 165.5 | 174.4 | 194.4 | 226.4 | 250.6 | 242.1 | 199.0 | 159.9 | 135.0 | 120.8 | 111.5 |
| 62.5° | 149.9 | 156.8 | 175.6 | 199.1 | 216.4 | 206.8 | 170.1 | 137.8 | 118.0 | 106.0 | 98.7 |
| 65° | 127.3 | 133.0 | 148.0 | 160.3 | 169.9 | 160.7 | 130.2 | 107.7 | 93.5 | 85.1 | 80.1 |
| 67.5° | 106.0 | 109.5 | 119.0 | 123.5 | 130.3 | 120.1 | 97.9 | 82.8 | 74.7 | 67.7 | 64.1 |
| 70° | 92.5 | 95.1 | 100.1 | 103.8 | 105.5 | 95.1 | 78.6 | 67.6 | 60.8 | 55.8 | 53.6 |
| 72.5° | 79.0 | 81.3 | 82.3 | 85.2 | 84.3 | 74.6 | 63.2 | 54.4 | 49.5 | 46.1 | 43.3 |
| 75° | 60.4 | 61.4 | 60.4 | 59.2 | 56.6 | 49.8 | 41.9 | 37.5 | 33.9 | 32.3 | 31.3 |
| 77.5° | 44.0 | 43.7 | 42.4 | 40.5 | 36.0 | 31.7 | 27.5 | 26.0 | 24.5 | 23.6 | 23.2 |
| 80° | 33.9 | 33.1 | 31.9 | 28.8 | 25.1 | 22.0 | 21.1 | 20.1 | 19.5 | 18.4 | 18.3 |
| 82.5° | 25.2 | 24.7 | 22.7 | 20.2 | 17.6 | 16.1 | 15.3 | 14.9 | 14.3 | 13.8 | 13.8 |
| 85° | 13.4 | 12.8 | 10.6 | 9.2 | 8.9 | 8.4 | 8.3 | 8.3 | 7.4 | 7.2 | 7.2 |
| 87.5° | 4.6 | 3.7 | 3.7 | 3.4 | 3.4 | 3.4 | 3.7 | 3.5 | 3.5 | 3.8 | 3.5 |
| 90° | 0.9 | 1.6 | 2.3 | 3.0 | 3.8 | 4.6 | 5.5 | 6.5 | 7.3 | 7.6 | 7.8 |
| 92.5° | 5.5 | 5.3 | 5.1 | 4.9 | 5.2 | 5.8 | 6.5 | 7.1 | 7.7 | 8.2 | 8.7 |
| 95° | 15.8 | 13.0 | 10.2 | 7.5 | 6.5 | 7.2 | 7.9 | 8.7 | 9.5 | 9.9 | 10.4 |
| 97.5° | 36.1 | 34.8 | 33.6 | 32.3 | 29.3 | 24.4 | 19.5 | 14.6 | 9.8 | 10.3 | 10.8 |
| 100° | 52.8 | 54.2 | 55.4 | 56.8 | 52.3 | 41.7 | 31.2 | 20.6 | 10.1 | 10.6 | 11.1 |
| 102.5° | 68.4 | 69.4 | 70.4 | 71.4 | 66.1 | 54.6 | 43.0 | 31.5 | 20.1 | 18.3 | 16.7 |
| 105° | 91.4 | 92.1 | 92.9 | 93.7 | 91.0 | 84.9 | 78.8 | 72.8 | 66.6 | 54.7 | 42.7 |
| 107.5° | 115.7 | 116.3 | 116.9 | 117.5 | 118.3 | 119.2 | 120.2 | 121.1 | 122.1 | 113.3 | 104.6 |
| 110° | 132.0 | 132.5 | 133.0 | 133.6 | 134.2 | 135.0 | 135.7 | 136.5 | 137.2 | 135.0 | 132.8 |



TEST NUMBER: P332240-935

CATALOG NUMBER: S123RDIP-S340D365U935-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 147.5 | 148.0 | 148.4 | 149.0 | 149.6 | 150.3 | 151.1 | 151.8 | 152.6 | 152.6 | 152.7 |
| 115° | 170.5 | 170.9 | 171.3 | 171.7 | 172.2 | 172.8 | 173.4 | 174.0 | 174.6 | 175.3 | 176.0 |
| 117.5° | 193.0 | 193.4 | 193.9 | 194.4 | 194.8 | 195.1 | 195.4 | 195.8 | 196.0 | 196.6 | 197.2 |
| 120° | 206.9 | 207.5 | 208.1 | 208.7 | 209.1 | 209.3 | 209.6 | 209.7 | 209.9 | 210.5 | 211.0 |
| 122.5° | 220.9 | 221.4 | 221.9 | 222.4 | 222.7 | 223.0 | 223.3 | 223.5 | 223.8 | 224.2 | 224.5 |
| 125° | 240.3 | 240.8 | 241.3 | 241.9 | 242.3 | 242.6 | 242.9 | 243.1 | 243.4 | 243.6 | 243.7 |
| 127.5° | 259.1 | 259.6 | 260.1 | 260.6 | 261.1 | 261.4 | 261.7 | 262.1 | 262.3 | 262.6 | 262.8 |
| 130° | 270.7 | 271.2 | 271.8 | 272.3 | 272.8 | 273.0 | 273.3 | 273.5 | 273.8 | 274.1 | 274.4 |
| 132.5° | 281.9 | 282.5 | 283.0 | 283.5 | 283.9 | 284.1 | 284.4 | 284.6 | 284.8 | 285.1 | 285.3 |
| 135° | 298.9 | 299.3 | 299.7 | 300.1 | 300.4 | 300.7 | 301.0 | 301.3 | 301.5 | 301.7 | 302.0 |
| 137.5° | 313.6 | 314.1 | 314.6 | 315.1 | 315.5 | 315.6 | 315.7 | 315.9 | 316.1 | 316.4 | 316.7 |
| 140° | 323.2 | 323.6 | 324.0 | 324.4 | 324.8 | 324.9 | 325.1 | 325.4 | 325.5 | 325.8 | 326.1 |
| 142.5° | 332.3 | 332.6 | 333.0 | 333.5 | 333.7 | 334.0 | 334.2 | 334.3 | 334.6 | 334.8 | 335.0 |
| 145° | 344.9 | 345.3 | 345.9 | 346.3 | 346.6 | 346.7 | 346.9 | 347.0 | 347.2 | 347.3 | 347.4 |
| 147.5° | 356.6 | 356.9 | 357.2 | 357.5 | 357.7 | 357.9 | 358.0 | 358.2 | 358.3 | 358.4 | 358.5 |
| 150° | 363.8 | 363.9 | 364.2 | 364.4 | 364.5 | 364.7 | 364.8 | 365.0 | 365.1 | 365.2 | 365.4 |
| 152.5° | 370.2 | 370.3 | 370.4 | 370.5 | 370.7 | 370.7 | 370.7 | 370.8 | 370.9 | 371.2 | 371.4 |
| 155° | 379.3 | 379.1 | 379.0 | 378.8 | 378.8 | 378.9 | 378.9 | 379.0 | 379.1 | 379.4 | 379.8 |
| 157.5° | 386.6 | 386.6 | 386.5 | 386.5 | 386.5 | 386.4 | 386.3 | 386.2 | 386.2 | 386.6 | 387.0 |
| 160° | 390.9 | 390.8 | 390.7 | 390.7 | 390.6 | 390.5 | 390.5 | 390.5 | 390.4 | 390.7 | 391.2 |
| 162.5° | 394.9 | 394.8 | 394.6 | 394.4 | 394.3 | 394.2 | 394.2 | 394.1 | 394.0 | 394.4 | 394.9 |
| 165° | 399.8 | 399.7 | 399.5 | 399.2 | 399.2 | 399.1 | 399.0 | 398.9 | 398.9 | 399.4 | 399.9 |
| 167.5° | 403.7 | 403.5 | 403.2 | 402.9 | 402.8 | 402.8 | 402.8 | 402.8 | 402.8 | 403.3 | 403.8 |
| 170° | 405.9 | 405.6 | 405.4 | 405.1 | 404.9 | 404.9 | 404.9 | 404.9 | 404.9 | 405.5 | 406.0 |
| 172.5° | 407.3 | 407.0 | 406.7 | 406.3 | 406.2 | 406.2 | 406.3 | 406.4 | 406.4 | 407.0 | 407.5 |
| 175° | 409.1 | 408.8 | 408.5 | 408.2 | 408.0 | 408.1 | 408.2 | 408.2 | 408.3 | 408.8 | 409.2 |
| 177.5° | 409.7 | 409.5 | 409.2 | 408.9 | 408.8 | 408.9 | 408.9 | 409.0 | 409.1 | 409.5 | 409.9 |
| 180° | 409.5 | 409.5 | 409.5 | 409.5 | 409.5 | 409.5 | 409.5 | 409.5 | 409.5 | 409.5 | 409.5 |



TEST NUMBER: P332240-935

CATALOG NUMBER: S123RDIP-S340D365U935-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 468.6 | 468.6 | 468.6 | 468.6 | 468.6 | 468.6 | 468.6 |
| 2.5° | 494.3 | 494.3 | 494.9 | 497.3 | 497.7 | 499.7 | 499.1 |
| 5° | 543.2 | 547.0 | 548.5 | 554.5 | 558.0 | 559.6 | 556.5 |
| 7.5° | 603.0 | 613.8 | 618.9 | 625.3 | 630.8 | 632.5 | 628.1 |
| 10° | 646.7 | 658.0 | 667.4 | 673.2 | 678.6 | 682.3 | 686.8 |
| 12.5° | 688.9 | 702.7 | 711.7 | 719.9 | 725.5 | 730.0 | 730.8 |
| 15° | 734.8 | 755.6 | 771.5 | 783.2 | 788.9 | 791.9 | 790.7 |
| 17.5° | 781.0 | 800.4 | 811.7 | 823.5 | 831.6 | 832.0 | 832.2 |
| 20° | 807.2 | 826.0 | 839.1 | 847.9 | 857.0 | 856.5 | 858.6 |
| 22.5° | 824.7 | 839.6 | 849.5 | 855.9 | 859.0 | 857.5 | 857.9 |
| 25° | 832.8 | 837.3 | 835.5 | 825.3 | 822.6 | 813.2 | 814.9 |
| 27.5° | 790.7 | 769.8 | 748.2 | 720.5 | 698.5 | 681.1 | 681.9 |
| 30° | 733.4 | 696.5 | 654.4 | 619.1 | 587.4 | 578.5 | 559.6 |
| 32.5° | 653.3 | 598.0 | 548.6 | 515.7 | 488.5 | 481.1 | 464.7 |
| 35° | 517.5 | 463.7 | 413.0 | 382.5 | 370.5 | 353.6 | 353.4 |
| 37.5° | 402.3 | 354.9 | 328.1 | 305.2 | 293.3 | 283.0 | 282.1 |
| 40° | 338.4 | 301.5 | 281.2 | 264.8 | 253.0 | 245.3 | 243.5 |
| 42.5° | 293.8 | 264.0 | 245.0 | 234.8 | 225.7 | 221.7 | 218.8 |
| 45° | 239.9 | 219.8 | 206.6 | 197.4 | 193.2 | 190.2 | 188.6 |
| 47.5° | 200.7 | 187.3 | 178.2 | 172.0 | 168.7 | 165.5 | 166.3 |
| 50° | 179.3 | 168.3 | 161.7 | 155.8 | 153.3 | 151.0 | 151.3 |
| 52.5° | 162.1 | 152.2 | 146.9 | 142.7 | 139.5 | 137.8 | 137.2 |
| 55° | 137.6 | 131.4 | 126.0 | 123.0 | 121.1 | 119.0 | 118.4 |
| 57.5° | 117.4 | 112.5 | 108.1 | 104.8 | 104.3 | 102.2 | 102.5 |
| 60° | 103.9 | 99.9 | 96.3 | 94.5 | 93.1 | 91.3 | 91.9 |
| 62.5° | 92.8 | 89.5 | 86.2 | 84.7 | 83.3 | 82.0 | 82.2 |
| 65° | 76.0 | 72.8 | 70.8 | 70.0 | 69.4 | 68.8 | 68.2 |
| 67.5° | 60.6 | 58.6 | 57.3 | 55.6 | 54.4 | 54.2 | 53.6 |
| 70° | 51.0 | 48.3 | 46.1 | 43.9 | 43.3 | 43.1 | 43.3 |
| 72.5° | 40.8 | 39.2 | 38.6 | 37.5 | 37.4 | 36.9 | 37.2 |
| 75° | 30.7 | 30.0 | 29.7 | 28.8 | 28.8 | 28.8 | 28.8 |
| 77.5° | 22.6 | 22.3 | 22.0 | 21.9 | 21.7 | 21.4 | 21.4 |
| 80° | 17.7 | 17.5 | 17.0 | 17.0 | 16.9 | 17.0 | 16.9 |
| 82.5° | 13.3 | 13.3 | 12.9 | 12.9 | 12.7 | 12.6 | 12.7 |
| 85° | 6.8 | 6.6 | 7.1 | 6.6 | 6.8 | 6.5 | 6.8 |
| 87.5° | 3.5 | 3.6 | 3.4 | 3.5 | 3.4 | 3.7 | 3.4 |
| 90° | 8.1 | 8.4 | 8.6 | 8.7 | 8.9 | 9.0 | 9.1 |
| 92.5° | 9.1 | 9.6 | 9.8 | 9.8 | 9.9 | 10.0 | 10.1 |
| 95° | 10.8 | 11.4 | 11.5 | 11.5 | 11.5 | 11.5 | 11.5 |
| 97.5° | 11.5 | 12.0 | 12.2 | 12.3 | 12.4 | 12.5 | 12.6 |
| 100° | 11.6 | 12.2 | 12.5 | 12.6 | 12.7 | 12.7 | 12.7 |
| 102.5° | 15.0 | 13.3 | 12.6 | 12.7 | 12.7 | 12.9 | 13.0 |
| 105° | 30.7 | 18.8 | 12.8 | 13.0 | 13.1 | 13.3 | 13.3 |
| 107.5° | 95.8 | 87.0 | 78.1 | 69.1 | 60.1 | 51.1 | 42.0 |
| 110° | 130.5 | 128.3 | 122.3 | 112.7 | 103.0 | 93.3 | 83.7 |



TEST NUMBER: P332240-935

CATALOG NUMBER: S123RDIP-S340D365U935-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 152.7 | 152.7 | 151.7 | 149.6 | 147.7 | 145.6 | 143.5 |
| 115° | 176.7 | 177.4 | 177.8 | 178.1 | 178.4 | 178.7 | 178.9 |
| 117.5° | 197.7 | 198.2 | 198.5 | 198.5 | 198.6 | 198.7 | 198.7 |
| 120° | 211.5 | 212.1 | 212.4 | 212.4 | 212.4 | 212.4 | 212.4 |
| 122.5° | 225.0 | 225.3 | 225.5 | 225.6 | 225.7 | 225.7 | 225.8 |
| 125° | 243.8 | 243.9 | 244.1 | 244.2 | 244.4 | 244.5 | 244.6 |
| 127.5° | 263.0 | 263.3 | 263.3 | 263.1 | 263.0 | 262.9 | 262.8 |
| 130° | 274.7 | 274.9 | 275.0 | 274.8 | 274.7 | 274.6 | 274.4 |
| 132.5° | 285.6 | 285.9 | 285.9 | 285.7 | 285.5 | 285.3 | 285.2 |
| 135° | 302.1 | 302.3 | 302.3 | 302.1 | 302.0 | 301.7 | 301.5 |
| 137.5° | 317.0 | 317.4 | 317.5 | 317.3 | 317.2 | 317.0 | 316.9 |
| 140° | 326.3 | 326.7 | 326.7 | 326.6 | 326.4 | 326.3 | 326.1 |
| 142.5° | 335.2 | 335.4 | 335.4 | 335.3 | 335.0 | 334.8 | 334.7 |
| 145° | 347.6 | 347.7 | 347.8 | 347.8 | 347.8 | 347.8 | 347.8 |
| 147.5° | 358.7 | 358.9 | 358.8 | 358.4 | 358.1 | 357.8 | 357.5 |
| 150° | 365.5 | 365.7 | 365.6 | 365.4 | 365.2 | 365.0 | 364.8 |
| 152.5° | 371.7 | 372.0 | 371.9 | 371.6 | 371.3 | 370.9 | 370.7 |
| 155° | 380.1 | 380.5 | 380.4 | 380.0 | 379.6 | 379.2 | 378.8 |
| 157.5° | 387.4 | 387.9 | 387.8 | 387.3 | 386.8 | 386.2 | 385.6 |
| 160° | 391.6 | 392.0 | 391.9 | 391.5 | 391.0 | 390.5 | 390.0 |
| 162.5° | 395.4 | 395.8 | 395.9 | 395.5 | 395.0 | 394.6 | 394.2 |
| 165° | 400.5 | 401.1 | 401.1 | 400.6 | 400.1 | 399.7 | 399.2 |
| 167.5° | 404.4 | 404.9 | 404.9 | 404.4 | 403.8 | 403.3 | 402.8 |
| 170° | 406.6 | 407.1 | 407.1 | 406.6 | 406.0 | 405.5 | 404.9 |
| 172.5° | 408.0 | 408.5 | 408.5 | 407.9 | 407.3 | 406.7 | 406.1 |
| 175° | 409.7 | 410.2 | 410.2 | 409.7 | 409.1 | 408.5 | 408.0 |
| 177.5° | 410.4 | 410.8 | 410.7 | 410.2 | 409.7 | 409.1 | 408.5 |
| 180° | 409.5 | 409.5 | 409.5 | 409.5 | 409.5 | 409.5 | 409.5 |

(END OF REPORT)