

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: P332391-940

Luminaire Tested: **S123RDIW-S340D460U940-4F0-1E-UDD-A1**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P332391-940
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-9,
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: S123RDIW-S340D460U940-4F0-1E-UDD-A1
Description: DEFINE 3 DIRECT-INDIRECT WALL MOUNT LED LUMINAIRE
DOWNLIGHT 340 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING
UPLIGHT 460 LUMENS PER FOOT, FLUSH SATIN WHITE DIFFUSER
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2635.1 lumens
Efficiency: N/A
Efficacy: 114.6 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

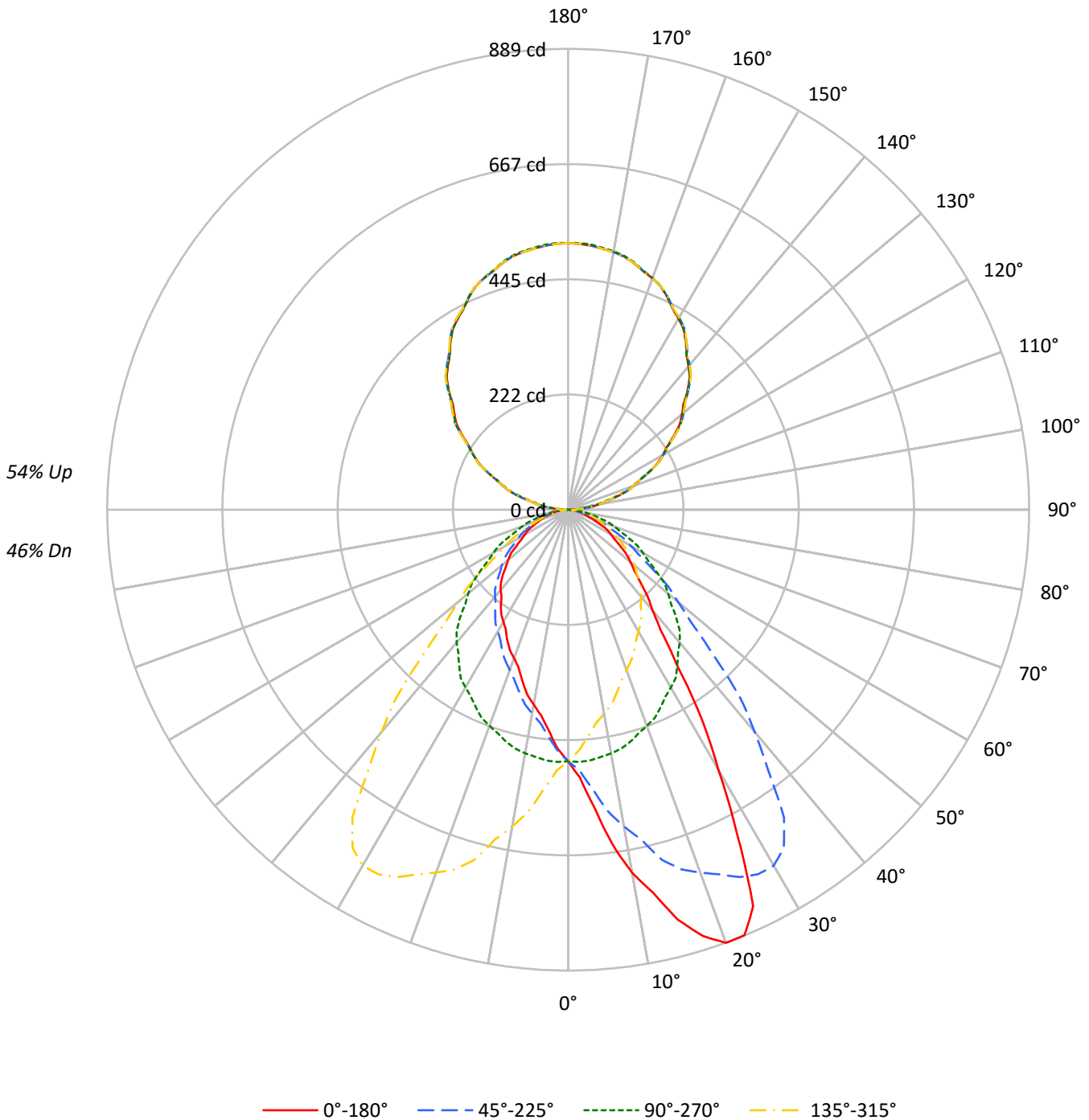
Input Watts (W): 23
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P332391-940

CATALOG NUMBER: S123RDIW-S340D460U940-4F0-1E-UDD-A1

Luminous Intensity Polar Plot





TEST NUMBER: P332391-940

CATALOG NUMBER: S123RDIW-S340D460U940-4F0-1E-UDD-A1

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 | 106 | 106 | 106 | 106 | 97 | 97 | 97 | 97 | 81 | 81 | 81 | 66 | 66 | 66 | 52 | 52 | 52 | 46 |
| 1 | 97 | 93 | 90 | 86 | 89 | 86 | 83 | 80 | 72 | 70 | 68 | 59 | 57 | 56 | 47 | 46 | 45 | 40 |
| 2 | 89 | 82 | 76 | 71 | 82 | 76 | 71 | 66 | 64 | 60 | 57 | 52 | 50 | 48 | 42 | 40 | 39 | 34 |
| 3 | 82 | 73 | 66 | 60 | 75 | 67 | 61 | 56 | 57 | 52 | 48 | 47 | 44 | 41 | 38 | 36 | 34 | 30 |
| 4 | 75 | 65 | 57 | 51 | 69 | 60 | 53 | 48 | 51 | 46 | 42 | 42 | 38 | 35 | 34 | 32 | 29 | 26 |
| 5 | 69 | 58 | 50 | 44 | 63 | 53 | 47 | 41 | 45 | 40 | 36 | 38 | 34 | 31 | 31 | 28 | 26 | 23 |
| 6 | 64 | 52 | 44 | 39 | 58 | 48 | 41 | 36 | 41 | 36 | 32 | 34 | 30 | 27 | 28 | 25 | 23 | 20 |
| 7 | 59 | 47 | 39 | 34 | 54 | 44 | 37 | 32 | 37 | 32 | 28 | 31 | 27 | 24 | 26 | 23 | 21 | 18 |
| 8 | 55 | 43 | 35 | 30 | 50 | 40 | 33 | 28 | 34 | 29 | 25 | 29 | 25 | 22 | 24 | 21 | 19 | 16 |
| 9 | 51 | 39 | 32 | 27 | 47 | 36 | 30 | 25 | 31 | 26 | 23 | 27 | 23 | 20 | 22 | 19 | 17 | 15 |
| 10 | 48 | 36 | 29 | 24 | 44 | 33 | 27 | 23 | 29 | 24 | 20 | 25 | 21 | 18 | 21 | 18 | 15 | 14 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|------|------|------|
| 0° | 5224 | 5224 | 5224 | 5224 |
| 5° | 6227 | 5246 | 4620 | 5246 |
| 10° | 7774 | 5216 | 4173 | 5216 |
| 15° | 9126 | 5162 | 3806 | 5162 |
| 20° | 10186 | 5082 | 3494 | 5082 |
| 25° | 10023 | 4999 | 3301 | 4999 |
| 30° | 7204 | 4922 | 3104 | 4922 |
| 35° | 4809 | 4820 | 2975 | 4820 |
| 40° | 3544 | 4700 | 2843 | 4700 |
| 45° | 2973 | 4488 | 2714 | 4488 |
| 50° | 2624 | 4210 | 2532 | 4210 |
| 55° | 2301 | 3890 | 2284 | 3890 |
| 60° | 2047 | 3587 | 2093 | 3587 |
| 65° | 1798 | 3260 | 1946 | 3260 |
| 70° | 1413 | 2968 | 1778 | 2968 |
| 75° | 1243 | 2591 | 1626 | 2591 |
| 80° | 1085 | 2201 | 1599 | 2201 |
| 85° | 865 | 1778 | 1692 | 1778 |



TEST NUMBER: P332391-940

CATALOG NUMBER: S123RDIW-S340D460U940-4F0-1E-UDD-A1

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 47.7 | 1.8 |
| 10°-20° | 149.1 | 5.7 |
| 20°-30° | 234.2 | 8.9 |
| 30°-40° | 244.4 | 9.3 |
| 40°-50° | 209.1 | 7.9 |
| 50°-60° | 159.4 | 6.0 |
| 60°-70° | 102.2 | 3.9 |
| 70°-80° | 49.1 | 1.9 |
| 80°-90° | 14.5 | 0.6 |
| 90°-100° | 33.5 | 1.3 |
| 100°-110° | 100.3 | 3.8 |
| 110°-120° | 170.6 | 6.5 |
| 120°-130° | 224.4 | 8.5 |
| 130°-140° | 252.2 | 9.6 |
| 140°-150° | 247.9 | 9.4 |
| 150°-160° | 208.7 | 7.9 |
| 160°-170° | 138.9 | 5.3 |
| 170°-180° | 48.7 | 1.8 |
| 0°-30° | 431.1 | 16.4 |
| 0°-40° | 675.4 | 25.6 |
| 0°-60° | 1044.0 | 39.6 |
| 0°-90° | 1209.8 | 45.9 |
| 90°-120° | 304.4 | 11.6 |
| 90°-150° | 1029.0 | 39.0 |
| 90°-180° | 1425.0 | 54.1 |
| 0°-180° | 2635.1 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|-----|-----|------|------|------|------|
| 0° | 485 | 485 | 485 | 485 | 485 | |
| 5° | 576 | 486 | 428 | 486 | 576 | 59 |
| 15° | 819 | 463 | 342 | 463 | 819 | 232 |
| 25° | 844 | 421 | 278 | 421 | 844 | 363 |
| 35° | 366 | 367 | 226 | 367 | 366 | 240 |
| 45° | 195 | 295 | 178 | 295 | 195 | 154 |
| 55° | 123 | 207 | 122 | 207 | 123 | 111 |
| 65° | 71 | 128 | 76 | 128 | 71 | 69 |
| 75° | 30 | 62 | 39 | 62 | 30 | 32 |
| 85° | 7 | 14 | 14 | 14 | 7 | 8 |
| 90° | 12 | 0 | 12 | 0 | 12 | 6 |
| 95° | 32 | 24 | 32 | 24 | 32 | 32 |
| 105° | 96 | 91 | 96 | 91 | 96 | 102 |
| 115° | 172 | 172 | 172 | 172 | 172 | 170 |
| 125° | 248 | 251 | 248 | 251 | 248 | 222 |
| 135° | 326 | 326 | 326 | 326 | 326 | 250 |
| 145° | 396 | 396 | 396 | 396 | 396 | 247 |
| 155° | 452 | 453 | 452 | 453 | 452 | 208 |
| 165° | 492 | 493 | 492 | 493 | 492 | 139 |
| 175° | 511 | 513 | 511 | 513 | 511 | 49 |
| 180° | 514 | 514 | 514 | 514 | 514 | |



TEST NUMBER: P332391-940

CATALOG NUMBER: S123RDIW-S340D460U940-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 485.3 | 485.3 | 485.3 | 485.3 | 485.3 | 485.3 | 485.3 | 485.3 | 485.3 | 485.3 | 485.3 |
| 2.5° | 516.9 | 517.5 | 515.4 | 515.1 | 512.6 | 511.9 | 511.9 | 508.4 | 506.2 | 503.5 | 501.8 |
| 5° | 576.3 | 579.6 | 577.9 | 574.3 | 568.0 | 566.5 | 562.6 | 556.3 | 549.3 | 540.6 | 536.5 |
| 7.5° | 650.5 | 655.1 | 653.3 | 647.6 | 641.0 | 635.7 | 624.6 | 614.2 | 599.8 | 587.0 | 576.1 |
| 10° | 711.3 | 706.6 | 702.8 | 697.2 | 691.2 | 681.4 | 669.8 | 653.8 | 635.3 | 620.7 | 604.6 |
| 12.5° | 756.9 | 756.1 | 751.4 | 745.6 | 737.1 | 727.8 | 713.5 | 694.0 | 672.5 | 651.5 | 632.9 |
| 15° | 818.9 | 820.2 | 817.1 | 811.1 | 799.0 | 782.6 | 761.0 | 752.9 | 722.1 | 699.3 | 676.5 |
| 17.5° | 861.9 | 861.7 | 861.2 | 852.9 | 840.6 | 828.9 | 808.9 | 787.6 | 759.7 | 727.5 | 696.8 |
| 20° | 889.2 | 887.1 | 887.5 | 878.2 | 869.1 | 855.5 | 836.0 | 805.0 | 782.2 | 745.0 | 713.2 |
| 22.5° | 888.5 | 888.1 | 889.7 | 886.4 | 879.9 | 869.5 | 854.1 | 828.0 | 798.8 | 761.3 | 725.5 |
| 25° | 843.9 | 842.2 | 851.9 | 854.7 | 865.3 | 867.2 | 862.6 | 848.3 | 820.6 | 781.9 | 737.7 |
| 27.5° | 706.2 | 705.3 | 723.4 | 746.2 | 774.9 | 797.3 | 818.9 | 829.3 | 820.6 | 792.9 | 748.6 |
| 30° | 579.6 | 599.1 | 608.3 | 641.1 | 677.7 | 721.3 | 759.6 | 795.9 | 804.9 | 792.7 | 756.4 |
| 32.5° | 481.3 | 498.3 | 506.0 | 534.0 | 568.2 | 619.3 | 676.6 | 728.1 | 764.5 | 773.6 | 751.8 |
| 35° | 366.0 | 366.2 | 383.7 | 396.2 | 427.8 | 480.3 | 536.0 | 604.9 | 673.5 | 725.5 | 730.8 |
| 37.5° | 292.1 | 293.1 | 303.7 | 316.1 | 339.8 | 367.6 | 416.6 | 473.9 | 553.1 | 632.8 | 679.7 |
| 40° | 252.2 | 254.0 | 262.0 | 274.2 | 291.2 | 312.3 | 350.4 | 404.5 | 470.6 | 559.3 | 631.8 |
| 42.5° | 226.6 | 229.6 | 233.7 | 243.2 | 253.7 | 273.4 | 304.3 | 346.0 | 406.1 | 490.0 | 573.6 |
| 45° | 195.3 | 197.0 | 200.1 | 204.5 | 214.0 | 227.7 | 248.4 | 276.5 | 326.4 | 393.9 | 477.6 |
| 47.5° | 172.3 | 171.4 | 174.7 | 178.2 | 184.6 | 193.9 | 207.9 | 230.7 | 266.3 | 320.5 | 391.5 |
| 50° | 156.7 | 156.4 | 158.7 | 161.4 | 167.5 | 174.3 | 185.7 | 203.0 | 231.2 | 276.1 | 341.2 |
| 52.5° | 142.0 | 142.8 | 144.5 | 147.8 | 152.1 | 157.7 | 167.9 | 180.4 | 204.6 | 243.3 | 297.6 |
| 55° | 122.6 | 123.2 | 125.5 | 127.3 | 130.5 | 136.1 | 142.5 | 152.9 | 169.5 | 196.5 | 241.2 |
| 57.5° | 106.1 | 105.8 | 108.0 | 108.5 | 112.0 | 116.5 | 121.5 | 129.7 | 141.7 | 161.8 | 191.8 |
| 60° | 95.1 | 94.5 | 96.4 | 97.8 | 99.7 | 103.4 | 107.6 | 115.5 | 125.1 | 139.8 | 165.6 |
| 62.5° | 85.2 | 84.9 | 86.2 | 87.7 | 89.3 | 92.6 | 96.1 | 102.2 | 109.8 | 122.2 | 142.7 |
| 65° | 70.6 | 71.2 | 71.9 | 72.5 | 73.3 | 75.4 | 78.7 | 82.9 | 88.1 | 96.8 | 111.6 |
| 67.5° | 55.6 | 56.2 | 56.4 | 57.6 | 59.4 | 60.7 | 62.8 | 66.4 | 70.1 | 77.4 | 85.8 |
| 70° | 44.9 | 44.7 | 44.9 | 45.5 | 47.8 | 50.0 | 52.8 | 55.5 | 57.8 | 63.0 | 70.0 |
| 72.5° | 38.5 | 38.2 | 38.7 | 38.9 | 39.9 | 40.6 | 42.3 | 44.9 | 47.8 | 51.3 | 56.4 |
| 75° | 29.9 | 29.9 | 29.9 | 29.9 | 30.8 | 31.1 | 31.7 | 32.4 | 33.4 | 35.1 | 38.9 |
| 77.5° | 22.1 | 22.1 | 22.5 | 22.6 | 22.8 | 23.1 | 23.5 | 24.1 | 24.4 | 25.3 | 26.9 |
| 80° | 17.5 | 17.7 | 17.5 | 17.7 | 17.7 | 18.1 | 18.3 | 18.9 | 19.1 | 20.2 | 20.8 |
| 82.5° | 13.1 | 13.0 | 13.1 | 13.4 | 13.4 | 13.7 | 13.8 | 14.3 | 14.3 | 14.8 | 15.4 |
| 85° | 7.0 | 6.7 | 7.0 | 6.9 | 7.3 | 6.9 | 7.0 | 7.5 | 7.5 | 7.7 | 8.6 |
| 87.5° | 4.1 | 4.4 | 4.0 | 4.1 | 4.1 | 4.2 | 4.2 | 4.1 | 4.4 | 4.1 | 4.0 |
| 90° | 12.1 | 11.9 | 11.8 | 11.6 | 11.4 | 11.1 | 10.8 | 10.4 | 10.1 | 9.7 | 8.6 |
| 92.5° | 16.3 | 16.4 | 16.5 | 16.7 | 16.8 | 16.7 | 16.4 | 16.1 | 15.8 | 15.5 | 14.9 |
| 95° | 31.5 | 31.5 | 31.5 | 31.5 | 31.5 | 31.3 | 30.9 | 30.6 | 30.2 | 29.9 | 29.2 |
| 97.5° | 48.5 | 48.5 | 48.6 | 48.6 | 48.6 | 48.4 | 48.1 | 47.6 | 47.2 | 46.8 | 46.3 |
| 100° | 61.4 | 61.3 | 61.1 | 60.9 | 60.7 | 60.5 | 60.2 | 59.9 | 59.7 | 59.4 | 58.9 |
| 102.5° | 74.6 | 74.7 | 74.7 | 74.8 | 74.8 | 74.7 | 74.5 | 74.2 | 73.9 | 73.7 | 73.0 |
| 105° | 96.2 | 96.0 | 95.9 | 95.7 | 95.4 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 94.5 |
| 107.5° | 118.6 | 118.7 | 118.8 | 118.9 | 119.0 | 118.9 | 118.6 | 118.3 | 118.1 | 117.8 | 117.4 |
| 110° | 133.8 | 133.9 | 134.1 | 134.3 | 134.5 | 134.4 | 134.0 | 133.7 | 133.3 | 133.0 | 132.8 |



TEST NUMBER: P332391-940

CATALOG NUMBER: S123RDIW-S340D460U940-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 149.9 | 150.0 | 150.0 | 150.0 | 150.1 | 149.9 | 149.5 | 149.0 | 148.6 | 148.1 | 148.1 |
| 115° | 172.2 | 172.3 | 172.4 | 172.5 | 172.5 | 172.5 | 172.5 | 172.4 | 172.3 | 172.2 | 172.4 |
| 117.5° | 194.7 | 194.9 | 195.2 | 195.5 | 195.7 | 195.8 | 195.8 | 195.9 | 195.9 | 195.9 | 196.2 |
| 120° | 210.5 | 210.7 | 210.9 | 211.1 | 211.2 | 211.4 | 211.5 | 211.6 | 211.7 | 211.8 | 212.2 |
| 122.5° | 225.7 | 226.0 | 226.2 | 226.5 | 226.8 | 226.9 | 227.2 | 227.5 | 227.7 | 227.9 | 228.2 |
| 125° | 248.5 | 248.9 | 249.2 | 249.6 | 249.9 | 250.3 | 250.7 | 251.0 | 251.4 | 251.7 | 251.9 |
| 127.5° | 271.3 | 271.6 | 272.1 | 272.5 | 272.9 | 273.3 | 273.8 | 274.4 | 274.8 | 275.4 | 275.5 |
| 130° | 286.1 | 286.8 | 287.4 | 288.0 | 288.6 | 289.1 | 289.4 | 289.8 | 290.2 | 290.5 | 290.8 |
| 132.5° | 301.6 | 302.1 | 302.6 | 303.1 | 303.5 | 304.0 | 304.4 | 304.9 | 305.3 | 305.8 | 305.9 |
| 135° | 325.7 | 325.9 | 326.1 | 326.3 | 326.5 | 326.7 | 327.1 | 327.4 | 327.8 | 328.1 | 328.2 |
| 137.5° | 347.0 | 347.3 | 347.7 | 347.9 | 348.3 | 348.7 | 349.1 | 349.5 | 349.8 | 350.2 | 350.0 |
| 140° | 360.9 | 361.5 | 362.1 | 362.7 | 363.4 | 363.7 | 363.8 | 363.9 | 364.0 | 364.1 | 364.0 |
| 142.5° | 375.1 | 375.6 | 376.0 | 376.6 | 377.0 | 377.3 | 377.4 | 377.5 | 377.6 | 377.6 | 377.6 |
| 145° | 395.7 | 396.0 | 396.4 | 396.7 | 397.1 | 397.3 | 397.3 | 397.4 | 397.5 | 397.6 | 397.3 |
| 147.5° | 413.8 | 414.4 | 414.9 | 415.5 | 416.1 | 416.3 | 416.3 | 416.3 | 416.3 | 416.3 | 416.1 |
| 150° | 425.5 | 426.1 | 426.6 | 427.1 | 427.7 | 427.9 | 427.9 | 427.9 | 427.9 | 427.9 | 427.8 |
| 152.5° | 436.8 | 437.3 | 437.7 | 438.3 | 438.7 | 438.9 | 438.7 | 438.5 | 438.5 | 438.3 | 438.2 |
| 155° | 452.2 | 452.8 | 453.4 | 454.1 | 454.7 | 454.9 | 454.5 | 454.1 | 453.8 | 453.4 | 453.3 |
| 157.5° | 466.2 | 466.6 | 467.2 | 467.7 | 468.1 | 468.2 | 467.9 | 467.5 | 467.1 | 466.7 | 466.6 |
| 160° | 475.2 | 475.5 | 475.9 | 476.3 | 476.6 | 476.6 | 476.2 | 475.7 | 475.3 | 474.8 | 474.8 |
| 162.5° | 482.0 | 482.6 | 483.1 | 483.8 | 484.3 | 484.4 | 483.9 | 483.5 | 483.0 | 482.6 | 482.5 |
| 165° | 491.8 | 492.4 | 493.0 | 493.7 | 494.3 | 494.4 | 493.8 | 493.3 | 492.8 | 492.2 | 492.2 |
| 167.5° | 500.1 | 500.7 | 501.2 | 501.8 | 502.3 | 502.3 | 501.8 | 501.2 | 500.7 | 500.1 | 500.1 |
| 170° | 504.4 | 505.0 | 505.6 | 506.2 | 506.8 | 506.8 | 506.2 | 505.6 | 505.0 | 504.4 | 504.4 |
| 172.5° | 507.6 | 508.2 | 508.8 | 509.4 | 510.1 | 510.1 | 509.5 | 509.0 | 508.5 | 507.8 | 507.8 |
| 175° | 511.2 | 511.8 | 512.5 | 513.1 | 513.7 | 513.7 | 513.2 | 512.6 | 512.1 | 511.6 | 511.6 |
| 177.5° | 513.1 | 513.6 | 514.2 | 514.6 | 515.1 | 515.1 | 514.8 | 514.3 | 513.9 | 513.4 | 513.4 |
| 180° | 514.4 | 514.4 | 514.4 | 514.4 | 514.4 | 514.4 | 514.4 | 514.4 | 514.4 | 514.4 | 514.4 |



TEST NUMBER: P332391-940

CATALOG NUMBER: S123RDIW-S340D460U940-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 485.3 | 485.3 | 485.3 | 485.3 | 485.3 | 485.3 | 485.3 | 485.3 | 485.3 | 485.3 | 485.3 |
| 2.5° | 501.1 | 500.6 | 498.3 | 495.6 | 492.1 | 489.8 | 487.9 | 487.0 | 483.9 | 480.3 | 477.9 |
| 5° | 532.1 | 525.8 | 519.2 | 511.0 | 503.5 | 495.9 | 491.2 | 485.5 | 478.7 | 471.0 | 465.6 |
| 7.5° | 565.2 | 552.9 | 539.8 | 526.2 | 512.8 | 500.8 | 490.1 | 481.0 | 470.1 | 459.1 | 451.4 |
| 10° | 590.7 | 572.7 | 554.3 | 535.4 | 518.2 | 501.9 | 489.5 | 477.2 | 464.1 | 451.5 | 441.8 |
| 12.5° | 613.8 | 590.2 | 568.9 | 545.6 | 523.6 | 504.3 | 486.3 | 471.9 | 456.1 | 442.6 | 431.8 |
| 15° | 643.0 | 618.8 | 593.2 | 557.8 | 528.5 | 504.0 | 482.1 | 463.2 | 444.2 | 427.6 | 417.0 |
| 17.5° | 670.3 | 634.1 | 599.4 | 570.0 | 531.9 | 501.3 | 474.7 | 452.1 | 431.1 | 413.5 | 400.4 |
| 20° | 681.6 | 646.5 | 608.9 | 571.3 | 534.0 | 499.6 | 468.7 | 443.7 | 422.0 | 402.0 | 389.9 |
| 22.5° | 688.4 | 648.7 | 609.0 | 568.6 | 529.0 | 493.3 | 462.7 | 435.2 | 411.6 | 392.7 | 377.8 |
| 25° | 696.3 | 649.0 | 605.4 | 565.5 | 525.0 | 486.3 | 450.0 | 420.9 | 395.4 | 375.2 | 359.4 |
| 27.5° | 701.6 | 645.9 | 594.3 | 550.0 | 508.9 | 470.5 | 437.1 | 406.3 | 380.3 | 359.0 | 342.1 |
| 30° | 702.6 | 643.4 | 585.9 | 537.9 | 496.1 | 460.7 | 425.4 | 396.0 | 368.5 | 345.9 | 330.1 |
| 32.5° | 703.9 | 637.2 | 574.4 | 523.4 | 480.6 | 445.7 | 413.7 | 385.5 | 357.4 | 335.1 | 319.0 |
| 35° | 698.5 | 633.8 | 557.0 | 498.4 | 455.6 | 421.7 | 392.9 | 366.8 | 339.3 | 317.6 | 301.2 |
| 37.5° | 674.8 | 620.4 | 539.0 | 470.2 | 425.4 | 394.1 | 370.6 | 347.9 | 322.6 | 299.3 | 283.8 |
| 40° | 651.1 | 607.1 | 525.0 | 453.1 | 406.4 | 374.2 | 352.9 | 334.5 | 310.0 | 288.1 | 271.5 |
| 42.5° | 615.7 | 588.9 | 511.7 | 435.2 | 384.8 | 353.7 | 335.8 | 318.5 | 297.0 | 274.8 | 259.2 |
| 45° | 550.7 | 554.3 | 484.5 | 406.5 | 354.8 | 323.7 | 306.8 | 294.8 | 275.7 | 257.4 | 241.4 |
| 47.5° | 469.3 | 502.3 | 452.5 | 376.1 | 323.3 | 294.1 | 279.4 | 268.9 | 255.9 | 238.0 | 223.4 |
| 50° | 416.2 | 463.2 | 427.0 | 355.7 | 303.5 | 274.5 | 259.9 | 251.4 | 240.1 | 226.0 | 212.1 |
| 52.5° | 367.1 | 417.8 | 396.0 | 332.9 | 282.0 | 255.5 | 241.3 | 234.3 | 225.3 | 212.0 | 199.5 |
| 55° | 299.3 | 350.7 | 345.7 | 298.5 | 249.9 | 226.0 | 215.3 | 207.3 | 201.3 | 191.4 | 181.4 |
| 57.5° | 242.2 | 290.8 | 293.4 | 260.3 | 221.6 | 198.0 | 188.7 | 182.7 | 178.8 | 171.3 | 162.0 |
| 60° | 206.1 | 250.7 | 259.5 | 234.5 | 201.3 | 180.6 | 171.4 | 166.6 | 163.5 | 157.5 | 150.4 |
| 62.5° | 176.2 | 214.2 | 224.1 | 206.2 | 181.9 | 162.4 | 155.2 | 150.7 | 148.6 | 143.4 | 137.1 |
| 65° | 134.8 | 166.4 | 175.9 | 166.0 | 153.3 | 137.8 | 131.9 | 128.0 | 126.1 | 123.2 | 118.6 |
| 67.5° | 101.4 | 124.4 | 134.9 | 127.9 | 123.2 | 113.4 | 109.8 | 107.6 | 105.9 | 104.0 | 100.1 |
| 70° | 81.4 | 98.4 | 109.2 | 107.5 | 103.7 | 98.4 | 95.8 | 94.3 | 92.6 | 91.0 | 87.7 |
| 72.5° | 65.5 | 77.2 | 87.3 | 88.3 | 85.2 | 84.2 | 81.8 | 81.1 | 80.2 | 78.2 | 76.3 |
| 75° | 43.4 | 51.5 | 58.6 | 61.3 | 62.5 | 63.6 | 62.5 | 62.3 | 62.2 | 60.5 | 59.4 |
| 77.5° | 28.4 | 32.8 | 37.3 | 41.9 | 43.9 | 45.2 | 45.6 | 46.4 | 45.7 | 44.9 | 44.4 |
| 80° | 21.8 | 22.8 | 25.9 | 29.9 | 33.0 | 34.2 | 35.1 | 35.5 | 35.3 | 35.1 | 34.2 |
| 82.5° | 15.9 | 16.7 | 18.2 | 21.0 | 23.5 | 25.6 | 26.1 | 26.0 | 26.5 | 26.7 | 25.9 |
| 85° | 8.6 | 8.7 | 9.2 | 9.5 | 11.0 | 13.3 | 13.9 | 14.4 | 14.7 | 14.7 | 13.5 |
| 87.5° | 4.1 | 3.7 | 3.8 | 3.7 | 3.9 | 3.9 | 4.7 | 5.4 | 5.7 | 5.3 | 5.4 |
| 90° | 7.4 | 6.2 | 5.0 | 4.0 | 3.1 | 2.2 | 1.3 | 0.4 | 1.3 | 2.2 | 3.1 |
| 92.5° | 14.2 | 13.6 | 12.8 | 12.2 | 11.6 | 11.0 | 10.4 | 9.8 | 10.4 | 11.0 | 11.6 |
| 95° | 28.4 | 27.7 | 27.0 | 26.4 | 25.8 | 25.1 | 24.4 | 23.8 | 24.4 | 25.1 | 25.8 |
| 97.5° | 45.7 | 45.2 | 44.7 | 44.2 | 43.8 | 43.2 | 42.8 | 42.4 | 42.8 | 43.2 | 43.8 |
| 100° | 58.5 | 58.1 | 57.6 | 57.1 | 56.5 | 56.0 | 55.5 | 54.9 | 55.5 | 56.0 | 56.5 |
| 102.5° | 72.4 | 71.9 | 71.2 | 70.8 | 70.4 | 70.2 | 69.8 | 69.5 | 69.8 | 70.2 | 70.4 |
| 105° | 93.7 | 92.9 | 92.1 | 91.7 | 91.5 | 91.3 | 91.1 | 91.0 | 91.1 | 91.3 | 91.5 |
| 107.5° | 117.1 | 116.8 | 116.5 | 116.3 | 116.1 | 116.0 | 115.9 | 115.8 | 115.9 | 116.0 | 116.1 |
| 110° | 132.6 | 132.4 | 132.2 | 132.1 | 131.9 | 131.7 | 131.5 | 131.3 | 131.5 | 131.7 | 131.9 |



TEST NUMBER: P332391-940

CATALOG NUMBER: S123RDIW-S340D460U940-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 148.1 | 148.0 | 148.0 | 147.9 | 147.8 | 147.8 | 147.6 | 147.5 | 147.6 | 147.8 | 147.8 |
| 115° | 172.5 | 172.7 | 172.9 | 172.8 | 172.5 | 172.3 | 172.0 | 171.7 | 172.0 | 172.3 | 172.5 |
| 117.5° | 196.4 | 196.6 | 196.8 | 196.9 | 196.7 | 196.5 | 196.4 | 196.2 | 196.4 | 196.5 | 196.7 |
| 120° | 212.7 | 213.1 | 213.6 | 213.5 | 212.9 | 212.4 | 211.9 | 211.3 | 211.9 | 212.4 | 212.9 |
| 122.5° | 228.4 | 228.6 | 228.8 | 228.7 | 228.4 | 228.0 | 227.6 | 227.2 | 227.6 | 228.0 | 228.4 |
| 125° | 252.1 | 252.3 | 252.4 | 252.4 | 252.2 | 251.9 | 251.6 | 251.4 | 251.6 | 251.9 | 252.2 |
| 127.5° | 275.7 | 276.0 | 276.2 | 276.0 | 275.4 | 274.8 | 274.2 | 273.7 | 274.2 | 274.8 | 275.4 |
| 130° | 291.1 | 291.3 | 291.6 | 291.4 | 290.7 | 290.0 | 289.3 | 288.6 | 289.3 | 290.0 | 290.7 |
| 132.5° | 306.1 | 306.3 | 306.6 | 306.3 | 305.6 | 304.9 | 304.1 | 303.4 | 304.1 | 304.9 | 305.6 |
| 135° | 328.3 | 328.4 | 328.5 | 328.2 | 327.7 | 327.2 | 326.6 | 326.1 | 326.6 | 327.2 | 327.7 |
| 137.5° | 349.7 | 349.5 | 349.3 | 348.9 | 348.5 | 348.0 | 347.6 | 347.1 | 347.6 | 348.0 | 348.5 |
| 140° | 363.9 | 363.8 | 363.7 | 363.5 | 363.0 | 362.6 | 362.1 | 361.7 | 362.1 | 362.6 | 363.0 |
| 142.5° | 377.4 | 377.2 | 377.0 | 376.7 | 376.3 | 375.9 | 375.4 | 375.0 | 375.4 | 375.9 | 376.3 |
| 145° | 397.1 | 396.8 | 396.5 | 396.4 | 396.2 | 396.0 | 395.8 | 395.7 | 395.8 | 396.0 | 396.2 |
| 147.5° | 415.8 | 415.5 | 415.3 | 415.0 | 414.6 | 414.4 | 414.0 | 413.8 | 414.0 | 414.4 | 414.6 |
| 150° | 427.6 | 427.4 | 427.2 | 427.0 | 426.9 | 426.7 | 426.5 | 426.3 | 426.5 | 426.7 | 426.9 |
| 152.5° | 438.1 | 437.9 | 437.8 | 437.7 | 437.4 | 437.2 | 436.9 | 436.7 | 436.9 | 437.2 | 437.4 |
| 155° | 453.3 | 453.2 | 453.1 | 453.0 | 453.0 | 453.0 | 453.0 | 453.0 | 453.0 | 453.0 | 453.0 |
| 157.5° | 466.6 | 466.5 | 466.5 | 466.5 | 466.5 | 466.7 | 466.8 | 466.9 | 466.8 | 466.7 | 466.5 |
| 160° | 474.8 | 474.8 | 474.8 | 474.9 | 475.1 | 475.3 | 475.5 | 475.6 | 475.5 | 475.3 | 475.1 |
| 162.5° | 482.4 | 482.3 | 482.3 | 482.4 | 482.6 | 482.9 | 483.1 | 483.4 | 483.1 | 482.9 | 482.6 |
| 165° | 492.2 | 492.2 | 492.2 | 492.3 | 492.6 | 492.8 | 493.1 | 493.4 | 493.1 | 492.8 | 492.6 |
| 167.5° | 500.0 | 499.9 | 499.8 | 500.0 | 500.3 | 500.7 | 501.1 | 501.4 | 501.1 | 500.7 | 500.3 |
| 170° | 504.4 | 504.4 | 504.4 | 504.5 | 504.9 | 505.2 | 505.6 | 506.0 | 505.6 | 505.2 | 504.9 |
| 172.5° | 507.8 | 507.8 | 507.8 | 508.0 | 508.5 | 508.8 | 509.2 | 509.5 | 509.2 | 508.8 | 508.5 |
| 175° | 511.6 | 511.6 | 511.6 | 511.8 | 512.1 | 512.5 | 512.8 | 513.2 | 512.8 | 512.5 | 512.1 |
| 177.5° | 513.4 | 513.4 | 513.4 | 513.6 | 513.9 | 514.2 | 514.4 | 514.8 | 514.4 | 514.2 | 513.9 |
| 180° | 514.4 | 514.4 | 514.4 | 514.4 | 514.4 | 514.4 | 514.4 | 514.4 | 514.4 | 514.4 | 514.4 |



TEST NUMBER: P332391-940

CATALOG NUMBER: S123RDIW-S340D460U940-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 485.3 | 485.3 | 485.3 | 485.3 | 485.3 | 485.3 | 485.3 | 485.3 | 485.3 | 485.3 | 485.3 |
| 2.5° | 477.0 | 474.8 | 473.3 | 470.0 | 467.9 | 465.6 | 463.2 | 464.7 | 464.5 | 464.4 | 464.4 |
| 5° | 461.0 | 456.2 | 451.8 | 446.2 | 442.7 | 438.4 | 435.1 | 434.6 | 435.4 | 432.6 | 430.9 |
| 7.5° | 445.1 | 438.6 | 432.4 | 426.2 | 419.6 | 414.4 | 411.2 | 409.6 | 407.5 | 405.7 | 403.9 |
| 10° | 434.0 | 426.3 | 420.3 | 412.6 | 405.6 | 399.3 | 395.4 | 392.6 | 391.2 | 389.8 | 387.0 |
| 12.5° | 422.5 | 415.0 | 407.3 | 398.6 | 391.9 | 384.7 | 381.7 | 378.7 | 375.9 | 374.3 | 370.6 |
| 15° | 405.7 | 396.0 | 387.9 | 378.7 | 371.2 | 364.2 | 360.1 | 354.0 | 353.2 | 351.1 | 347.3 |
| 17.5° | 388.9 | 378.4 | 367.1 | 360.3 | 352.0 | 344.6 | 338.2 | 336.3 | 330.3 | 328.1 | 324.8 |
| 20° | 375.6 | 365.9 | 357.3 | 348.4 | 336.2 | 329.3 | 324.3 | 321.6 | 316.8 | 313.9 | 311.8 |
| 22.5° | 364.2 | 354.2 | 344.4 | 333.9 | 323.9 | 316.1 | 312.5 | 308.3 | 305.7 | 301.6 | 299.3 |
| 25° | 347.8 | 337.0 | 325.1 | 313.9 | 306.7 | 300.9 | 295.0 | 291.2 | 287.5 | 285.6 | 281.5 |
| 27.5° | 328.8 | 317.4 | 306.4 | 297.8 | 288.9 | 283.2 | 277.9 | 274.6 | 270.1 | 267.0 | 264.7 |
| 30° | 318.3 | 305.0 | 295.4 | 287.8 | 276.3 | 270.9 | 267.0 | 262.8 | 259.5 | 256.2 | 253.9 |
| 32.5° | 306.1 | 294.0 | 285.0 | 275.4 | 266.7 | 260.7 | 255.7 | 252.0 | 249.1 | 246.0 | 243.7 |
| 35° | 287.1 | 277.0 | 267.6 | 258.1 | 251.6 | 245.6 | 239.5 | 236.4 | 233.7 | 230.8 | 228.7 |
| 37.5° | 269.9 | 260.4 | 251.5 | 242.5 | 234.4 | 229.5 | 224.7 | 222.3 | 218.6 | 216.7 | 214.6 |
| 40° | 259.3 | 249.9 | 240.4 | 231.7 | 223.4 | 219.6 | 215.3 | 211.7 | 208.4 | 206.9 | 204.6 |
| 42.5° | 247.6 | 238.3 | 230.2 | 220.9 | 214.0 | 208.9 | 204.9 | 201.1 | 198.6 | 196.4 | 195.2 |
| 45° | 230.4 | 222.1 | 214.2 | 204.8 | 198.4 | 194.0 | 189.5 | 185.9 | 183.7 | 182.2 | 179.9 |
| 47.5° | 213.7 | 205.4 | 197.3 | 189.2 | 183.0 | 178.0 | 173.3 | 170.9 | 167.9 | 166.1 | 164.6 |
| 50° | 201.5 | 194.0 | 185.6 | 178.1 | 171.8 | 166.8 | 163.1 | 160.0 | 157.3 | 155.0 | 153.9 |
| 52.5° | 190.4 | 182.4 | 175.0 | 168.1 | 161.5 | 155.9 | 152.5 | 149.2 | 147.1 | 144.5 | 143.3 |
| 55° | 172.0 | 164.3 | 158.1 | 151.2 | 144.8 | 140.0 | 135.9 | 133.0 | 130.9 | 128.0 | 126.4 |
| 57.5° | 154.8 | 147.8 | 140.4 | 134.5 | 127.9 | 123.9 | 120.4 | 116.5 | 113.9 | 111.6 | 109.9 |
| 60° | 143.1 | 135.3 | 128.8 | 123.2 | 117.3 | 112.2 | 109.1 | 105.9 | 103.3 | 100.9 | 99.5 |
| 62.5° | 131.0 | 124.1 | 118.0 | 111.9 | 106.6 | 102.0 | 98.4 | 95.9 | 93.5 | 92.0 | 90.5 |
| 65° | 112.4 | 107.0 | 100.8 | 95.8 | 90.8 | 87.5 | 84.5 | 82.3 | 80.6 | 79.5 | 78.3 |
| 67.5° | 95.2 | 90.1 | 84.6 | 79.7 | 76.3 | 73.8 | 72.0 | 70.0 | 69.1 | 67.8 | 67.0 |
| 70° | 84.2 | 78.7 | 73.9 | 70.2 | 66.9 | 65.0 | 63.8 | 62.3 | 61.5 | 59.8 | 59.0 |
| 72.5° | 72.1 | 68.1 | 64.6 | 61.6 | 58.9 | 57.2 | 55.6 | 53.9 | 52.5 | 50.6 | 49.8 |
| 75° | 56.7 | 53.1 | 50.5 | 48.4 | 46.7 | 44.5 | 42.2 | 40.3 | 39.7 | 39.1 | 38.9 |
| 77.5° | 42.0 | 39.8 | 37.8 | 36.0 | 34.0 | 32.4 | 31.8 | 31.4 | 31.3 | 30.9 | 30.9 |
| 80° | 33.0 | 30.9 | 29.5 | 27.5 | 26.2 | 26.2 | 26.2 | 25.8 | 25.9 | 25.9 | 25.9 |
| 82.5° | 24.5 | 22.6 | 21.8 | 21.1 | 20.9 | 21.0 | 21.0 | 21.1 | 21.0 | 21.3 | 21.1 |
| 85° | 12.7 | 12.8 | 13.3 | 13.1 | 13.3 | 13.3 | 13.7 | 13.5 | 13.7 | 13.3 | 13.7 |
| 87.5° | 5.4 | 6.2 | 6.6 | 7.0 | 7.4 | 7.4 | 7.7 | 7.8 | 7.9 | 8.0 | 8.1 |
| 90° | 4.0 | 5.0 | 6.2 | 7.4 | 8.6 | 9.7 | 10.1 | 10.4 | 10.8 | 11.1 | 11.4 |
| 92.5° | 12.2 | 12.8 | 13.6 | 14.2 | 14.9 | 15.5 | 15.8 | 16.1 | 16.4 | 16.7 | 16.8 |
| 95° | 26.4 | 27.0 | 27.7 | 28.4 | 29.2 | 29.9 | 30.2 | 30.6 | 30.9 | 31.3 | 31.5 |
| 97.5° | 44.2 | 44.7 | 45.2 | 45.7 | 46.3 | 46.8 | 47.2 | 47.6 | 48.1 | 48.4 | 48.6 |
| 100° | 57.1 | 57.6 | 58.1 | 58.5 | 58.9 | 59.4 | 59.7 | 59.9 | 60.2 | 60.5 | 60.7 |
| 102.5° | 70.8 | 71.2 | 71.9 | 72.4 | 73.0 | 73.7 | 73.9 | 74.2 | 74.5 | 74.7 | 74.8 |
| 105° | 91.7 | 92.1 | 92.9 | 93.7 | 94.5 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.4 |
| 107.5° | 116.3 | 116.5 | 116.8 | 117.1 | 117.4 | 117.8 | 118.1 | 118.3 | 118.6 | 118.9 | 119.0 |
| 110° | 132.1 | 132.2 | 132.4 | 132.6 | 132.8 | 133.0 | 133.3 | 133.7 | 134.0 | 134.4 | 134.5 |



TEST NUMBER: P332391-940

CATALOG NUMBER: S123RDIW-S340D460U940-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 147.9 | 148.0 | 148.0 | 148.1 | 148.1 | 148.1 | 148.6 | 149.0 | 149.5 | 149.9 | 150.1 |
| 115° | 172.8 | 172.9 | 172.7 | 172.5 | 172.4 | 172.2 | 172.3 | 172.4 | 172.5 | 172.5 | 172.5 |
| 117.5° | 196.9 | 196.8 | 196.6 | 196.4 | 196.2 | 195.9 | 195.9 | 195.9 | 195.8 | 195.8 | 195.7 |
| 120° | 213.5 | 213.6 | 213.1 | 212.7 | 212.2 | 211.8 | 211.7 | 211.6 | 211.5 | 211.4 | 211.2 |
| 122.5° | 228.7 | 228.8 | 228.6 | 228.4 | 228.2 | 227.9 | 227.7 | 227.5 | 227.2 | 226.9 | 226.8 |
| 125° | 252.4 | 252.4 | 252.3 | 252.1 | 251.9 | 251.7 | 251.4 | 251.0 | 250.7 | 250.3 | 249.9 |
| 127.5° | 276.0 | 276.2 | 276.0 | 275.7 | 275.5 | 275.4 | 274.8 | 274.4 | 273.8 | 273.3 | 272.9 |
| 130° | 291.4 | 291.6 | 291.3 | 291.1 | 290.8 | 290.5 | 290.2 | 289.8 | 289.4 | 289.1 | 288.6 |
| 132.5° | 306.3 | 306.6 | 306.3 | 306.1 | 305.9 | 305.8 | 305.3 | 304.9 | 304.4 | 304.0 | 303.5 |
| 135° | 328.2 | 328.5 | 328.4 | 328.3 | 328.2 | 328.1 | 327.8 | 327.4 | 327.1 | 326.7 | 326.5 |
| 137.5° | 348.9 | 349.3 | 349.5 | 349.7 | 350.0 | 350.2 | 349.8 | 349.5 | 349.1 | 348.7 | 348.3 |
| 140° | 363.5 | 363.7 | 363.8 | 363.9 | 364.0 | 364.1 | 364.0 | 363.9 | 363.8 | 363.7 | 363.4 |
| 142.5° | 376.7 | 377.0 | 377.2 | 377.4 | 377.6 | 377.6 | 377.6 | 377.5 | 377.4 | 377.3 | 377.0 |
| 145° | 396.4 | 396.5 | 396.8 | 397.1 | 397.3 | 397.6 | 397.5 | 397.4 | 397.3 | 397.3 | 397.1 |
| 147.5° | 415.0 | 415.3 | 415.5 | 415.8 | 416.1 | 416.3 | 416.3 | 416.3 | 416.3 | 416.3 | 416.1 |
| 150° | 427.0 | 427.2 | 427.4 | 427.6 | 427.8 | 427.9 | 427.9 | 427.9 | 427.9 | 427.9 | 427.7 |
| 152.5° | 437.7 | 437.8 | 437.9 | 438.1 | 438.2 | 438.3 | 438.5 | 438.5 | 438.7 | 438.9 | 438.7 |
| 155° | 453.0 | 453.1 | 453.2 | 453.3 | 453.3 | 453.4 | 453.8 | 454.1 | 454.5 | 454.9 | 454.7 |
| 157.5° | 466.5 | 466.5 | 466.5 | 466.6 | 466.6 | 466.7 | 467.1 | 467.5 | 467.9 | 468.2 | 468.1 |
| 160° | 474.9 | 474.8 | 474.8 | 474.8 | 474.8 | 474.8 | 475.3 | 475.7 | 476.2 | 476.6 | 476.6 |
| 162.5° | 482.4 | 482.3 | 482.3 | 482.4 | 482.5 | 482.6 | 483.0 | 483.5 | 483.9 | 484.4 | 484.3 |
| 165° | 492.3 | 492.2 | 492.2 | 492.2 | 492.2 | 492.2 | 492.8 | 493.3 | 493.8 | 494.4 | 494.3 |
| 167.5° | 500.0 | 499.8 | 499.9 | 500.0 | 500.1 | 500.1 | 500.7 | 501.2 | 501.8 | 502.3 | 502.3 |
| 170° | 504.5 | 504.4 | 504.4 | 504.4 | 504.4 | 504.4 | 505.0 | 505.6 | 506.2 | 506.8 | 506.8 |
| 172.5° | 508.0 | 507.8 | 507.8 | 507.8 | 507.8 | 507.8 | 508.5 | 509.0 | 509.5 | 510.1 | 510.1 |
| 175° | 511.8 | 511.6 | 511.6 | 511.6 | 511.6 | 511.6 | 512.1 | 512.6 | 513.2 | 513.7 | 513.7 |
| 177.5° | 513.6 | 513.4 | 513.4 | 513.4 | 513.4 | 513.4 | 513.9 | 514.3 | 514.8 | 515.1 | 515.1 |
| 180° | 514.4 | 514.4 | 514.4 | 514.4 | 514.4 | 514.4 | 514.4 | 514.4 | 514.4 | 514.4 | 514.4 |



TEST NUMBER: P332391-940

CATALOG NUMBER: S123RDIW-S340D460U940-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 485.3 | 485.3 | 485.3 | 485.3 | 485.3 | 485.3 | 485.3 | 485.3 | 485.3 | 485.3 | 485.3 |
| 2.5° | 462.4 | 462.2 | 462.4 | 461.7 | 462.4 | 462.2 | 462.4 | 464.4 | 464.4 | 464.5 | 464.7 |
| 5° | 430.3 | 430.1 | 429.4 | 427.6 | 429.4 | 430.1 | 430.3 | 430.9 | 432.6 | 435.4 | 434.6 |
| 7.5° | 402.2 | 401.9 | 400.1 | 400.1 | 400.1 | 401.9 | 402.2 | 403.9 | 405.7 | 407.5 | 409.6 |
| 10° | 385.6 | 385.8 | 383.3 | 381.8 | 383.3 | 385.8 | 385.6 | 387.0 | 389.8 | 391.2 | 392.6 |
| 12.5° | 369.4 | 368.5 | 366.5 | 364.9 | 366.5 | 368.5 | 369.4 | 370.6 | 374.3 | 375.9 | 378.7 |
| 15° | 348.2 | 346.1 | 341.2 | 341.5 | 341.2 | 346.1 | 348.2 | 347.3 | 351.1 | 353.2 | 354.0 |
| 17.5° | 323.2 | 321.6 | 321.6 | 318.6 | 321.6 | 321.6 | 323.2 | 324.8 | 328.1 | 330.3 | 336.3 |
| 20° | 308.5 | 307.5 | 307.9 | 305.0 | 307.9 | 307.5 | 308.5 | 311.8 | 313.9 | 316.8 | 321.6 |
| 22.5° | 297.0 | 296.0 | 294.3 | 293.4 | 294.3 | 296.0 | 297.0 | 299.3 | 301.6 | 305.7 | 308.3 |
| 25° | 280.3 | 278.6 | 277.0 | 277.9 | 277.0 | 278.6 | 280.3 | 281.5 | 285.6 | 287.5 | 291.2 |
| 27.5° | 263.5 | 262.3 | 260.6 | 260.4 | 260.6 | 262.3 | 263.5 | 264.7 | 267.0 | 270.1 | 274.6 |
| 30° | 252.8 | 251.6 | 250.7 | 249.7 | 250.7 | 251.6 | 252.8 | 253.9 | 256.2 | 259.5 | 262.8 |
| 32.5° | 242.0 | 241.7 | 240.3 | 240.0 | 240.3 | 241.7 | 242.0 | 243.7 | 246.0 | 249.1 | 252.0 |
| 35° | 227.9 | 226.7 | 226.2 | 226.4 | 226.2 | 226.7 | 227.9 | 228.7 | 230.8 | 233.7 | 236.4 |
| 37.5° | 214.5 | 212.9 | 212.0 | 211.3 | 212.0 | 212.9 | 214.5 | 214.6 | 216.7 | 218.6 | 222.3 |
| 40° | 204.8 | 203.2 | 202.8 | 202.3 | 202.8 | 203.2 | 204.8 | 204.6 | 206.9 | 208.4 | 211.7 |
| 42.5° | 194.0 | 193.4 | 193.1 | 192.3 | 193.1 | 193.4 | 194.0 | 195.2 | 196.4 | 198.6 | 201.1 |
| 45° | 179.3 | 179.1 | 177.8 | 178.3 | 177.8 | 179.1 | 179.3 | 179.9 | 182.2 | 183.7 | 185.9 |
| 47.5° | 163.7 | 162.8 | 161.9 | 162.6 | 161.9 | 162.8 | 163.7 | 164.6 | 166.1 | 167.9 | 170.9 |
| 50° | 153.1 | 152.7 | 150.8 | 151.2 | 150.8 | 152.7 | 153.1 | 153.9 | 155.0 | 157.3 | 160.0 |
| 52.5° | 142.5 | 140.9 | 140.2 | 139.9 | 140.2 | 140.9 | 142.5 | 143.3 | 144.5 | 147.1 | 149.2 |
| 55° | 124.8 | 123.0 | 122.2 | 121.7 | 122.2 | 123.0 | 124.8 | 126.4 | 128.0 | 130.9 | 133.0 |
| 57.5° | 107.5 | 107.1 | 106.4 | 106.8 | 106.4 | 107.1 | 107.5 | 109.9 | 111.6 | 113.9 | 116.5 |
| 60° | 97.5 | 97.5 | 97.5 | 97.2 | 97.5 | 97.5 | 97.5 | 99.5 | 100.9 | 103.3 | 105.9 |
| 62.5° | 89.6 | 89.1 | 89.0 | 89.3 | 89.0 | 89.1 | 89.6 | 90.5 | 92.0 | 93.5 | 95.9 |
| 65° | 77.7 | 77.5 | 76.7 | 76.4 | 76.7 | 77.5 | 77.7 | 78.3 | 79.5 | 80.6 | 82.3 |
| 67.5° | 66.4 | 65.7 | 65.5 | 65.2 | 65.5 | 65.7 | 66.4 | 67.0 | 67.8 | 69.1 | 70.0 |
| 70° | 58.0 | 57.5 | 56.3 | 56.5 | 56.3 | 57.5 | 58.0 | 59.0 | 59.8 | 61.5 | 62.3 |
| 72.5° | 48.9 | 48.4 | 48.2 | 47.9 | 48.2 | 48.4 | 48.9 | 49.8 | 50.6 | 52.5 | 53.9 |
| 75° | 38.6 | 38.4 | 38.3 | 39.1 | 38.3 | 38.4 | 38.6 | 38.9 | 39.1 | 39.7 | 40.3 |
| 77.5° | 30.9 | 30.9 | 31.1 | 30.8 | 31.1 | 30.9 | 30.9 | 30.9 | 30.9 | 31.3 | 31.4 |
| 80° | 25.9 | 25.9 | 25.8 | 25.8 | 25.8 | 25.9 | 25.9 | 25.9 | 25.9 | 25.9 | 25.8 |
| 82.5° | 20.8 | 21.0 | 21.1 | 20.8 | 21.1 | 21.0 | 20.8 | 21.1 | 21.3 | 21.0 | 21.1 |
| 85° | 13.7 | 13.5 | 13.9 | 13.7 | 13.9 | 13.5 | 13.7 | 13.7 | 13.3 | 13.7 | 13.5 |
| 87.5° | 8.5 | 8.2 | 8.2 | 8.4 | 8.2 | 8.2 | 8.5 | 8.1 | 8.0 | 7.9 | 7.8 |
| 90° | 11.6 | 11.8 | 11.9 | 12.1 | 11.9 | 11.8 | 11.6 | 11.4 | 11.1 | 10.8 | 10.4 |
| 92.5° | 16.7 | 16.5 | 16.4 | 16.3 | 16.4 | 16.5 | 16.7 | 16.8 | 16.7 | 16.4 | 16.1 |
| 95° | 31.5 | 31.5 | 31.5 | 31.5 | 31.5 | 31.5 | 31.5 | 31.5 | 31.3 | 30.9 | 30.6 |
| 97.5° | 48.6 | 48.6 | 48.5 | 48.5 | 48.5 | 48.6 | 48.6 | 48.6 | 48.4 | 48.1 | 47.6 |
| 100° | 60.9 | 61.1 | 61.3 | 61.4 | 61.3 | 61.1 | 60.9 | 60.7 | 60.5 | 60.2 | 59.9 |
| 102.5° | 74.8 | 74.7 | 74.7 | 74.6 | 74.7 | 74.7 | 74.8 | 74.8 | 74.7 | 74.5 | 74.2 |
| 105° | 95.7 | 95.9 | 96.0 | 96.2 | 96.0 | 95.9 | 95.7 | 95.4 | 95.3 | 95.3 | 95.3 |
| 107.5° | 118.9 | 118.8 | 118.7 | 118.6 | 118.7 | 118.8 | 118.9 | 119.0 | 118.9 | 118.6 | 118.3 |
| 110° | 134.3 | 134.1 | 133.9 | 133.8 | 133.9 | 134.1 | 134.3 | 134.5 | 134.4 | 134.0 | 133.7 |



TEST NUMBER: P332391-940

CATALOG NUMBER: S123RDIW-S340D460U940-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 150.0 | 150.0 | 150.0 | 149.9 | 150.0 | 150.0 | 150.0 | 150.1 | 149.9 | 149.5 | 149.0 |
| 115° | 172.5 | 172.4 | 172.3 | 172.2 | 172.3 | 172.4 | 172.5 | 172.5 | 172.5 | 172.5 | 172.4 |
| 117.5° | 195.5 | 195.2 | 194.9 | 194.7 | 194.9 | 195.2 | 195.5 | 195.7 | 195.8 | 195.8 | 195.9 |
| 120° | 211.1 | 210.9 | 210.7 | 210.5 | 210.7 | 210.9 | 211.1 | 211.2 | 211.4 | 211.5 | 211.6 |
| 122.5° | 226.5 | 226.2 | 226.0 | 225.7 | 226.0 | 226.2 | 226.5 | 226.8 | 226.9 | 227.2 | 227.5 |
| 125° | 249.6 | 249.2 | 248.9 | 248.5 | 248.9 | 249.2 | 249.6 | 249.9 | 250.3 | 250.7 | 251.0 |
| 127.5° | 272.5 | 272.1 | 271.6 | 271.3 | 271.6 | 272.1 | 272.5 | 272.9 | 273.3 | 273.8 | 274.4 |
| 130° | 288.0 | 287.4 | 286.8 | 286.1 | 286.8 | 287.4 | 288.0 | 288.6 | 289.1 | 289.4 | 289.8 |
| 132.5° | 303.1 | 302.6 | 302.1 | 301.6 | 302.1 | 302.6 | 303.1 | 303.5 | 304.0 | 304.4 | 304.9 |
| 135° | 326.3 | 326.1 | 325.9 | 325.7 | 325.9 | 326.1 | 326.3 | 326.5 | 326.7 | 327.1 | 327.4 |
| 137.5° | 347.9 | 347.7 | 347.3 | 347.0 | 347.3 | 347.7 | 347.9 | 348.3 | 348.7 | 349.1 | 349.5 |
| 140° | 362.7 | 362.1 | 361.5 | 360.9 | 361.5 | 362.1 | 362.7 | 363.4 | 363.7 | 363.8 | 363.9 |
| 142.5° | 376.6 | 376.0 | 375.6 | 375.1 | 375.6 | 376.0 | 376.6 | 377.0 | 377.3 | 377.4 | 377.5 |
| 145° | 396.7 | 396.4 | 396.0 | 395.7 | 396.0 | 396.4 | 396.7 | 397.1 | 397.3 | 397.3 | 397.4 |
| 147.5° | 415.5 | 414.9 | 414.4 | 413.8 | 414.4 | 414.9 | 415.5 | 416.1 | 416.3 | 416.3 | 416.3 |
| 150° | 427.1 | 426.6 | 426.1 | 425.5 | 426.1 | 426.6 | 427.1 | 427.7 | 427.9 | 427.9 | 427.9 |
| 152.5° | 438.3 | 437.7 | 437.3 | 436.8 | 437.3 | 437.7 | 438.3 | 438.7 | 438.9 | 438.7 | 438.5 |
| 155° | 454.1 | 453.4 | 452.8 | 452.2 | 452.8 | 453.4 | 454.1 | 454.7 | 454.9 | 454.5 | 454.1 |
| 157.5° | 467.7 | 467.2 | 466.6 | 466.2 | 466.6 | 467.2 | 467.7 | 468.1 | 468.2 | 467.9 | 467.5 |
| 160° | 476.3 | 475.9 | 475.5 | 475.2 | 475.5 | 475.9 | 476.3 | 476.6 | 476.6 | 476.2 | 475.7 |
| 162.5° | 483.8 | 483.1 | 482.6 | 482.0 | 482.6 | 483.1 | 483.8 | 484.3 | 484.4 | 483.9 | 483.5 |
| 165° | 493.7 | 493.0 | 492.4 | 491.8 | 492.4 | 493.0 | 493.7 | 494.3 | 494.4 | 493.8 | 493.3 |
| 167.5° | 501.8 | 501.2 | 500.7 | 500.1 | 500.7 | 501.2 | 501.8 | 502.3 | 502.3 | 501.8 | 501.2 |
| 170° | 506.2 | 505.6 | 505.0 | 504.4 | 505.0 | 505.6 | 506.2 | 506.8 | 506.8 | 506.2 | 505.6 |
| 172.5° | 509.4 | 508.8 | 508.2 | 507.6 | 508.2 | 508.8 | 509.4 | 510.1 | 510.1 | 509.5 | 509.0 |
| 175° | 513.1 | 512.5 | 511.8 | 511.2 | 511.8 | 512.5 | 513.1 | 513.7 | 513.7 | 513.2 | 512.6 |
| 177.5° | 514.6 | 514.2 | 513.6 | 513.1 | 513.6 | 514.2 | 514.6 | 515.1 | 515.1 | 514.8 | 514.3 |
| 180° | 514.4 | 514.4 | 514.4 | 514.4 | 514.4 | 514.4 | 514.4 | 514.4 | 514.4 | 514.4 | 514.4 |



TEST NUMBER: P332391-940

CATALOG NUMBER: S123RDIW-S340D460U940-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 485.3 | 485.3 | 485.3 | 485.3 | 485.3 | 485.3 | 485.3 | 485.3 | 485.3 | 485.3 | 485.3 |
| 2.5° | 463.2 | 465.6 | 467.9 | 470.0 | 473.3 | 474.8 | 477.0 | 477.9 | 480.3 | 483.9 | 487.0 |
| 5° | 435.1 | 438.4 | 442.7 | 446.2 | 451.8 | 456.2 | 461.0 | 465.6 | 471.0 | 478.7 | 485.5 |
| 7.5° | 411.2 | 414.4 | 419.6 | 426.2 | 432.4 | 438.6 | 445.1 | 451.4 | 459.1 | 470.1 | 481.0 |
| 10° | 395.4 | 399.3 | 405.6 | 412.6 | 420.3 | 426.3 | 434.0 | 441.8 | 451.5 | 464.1 | 477.2 |
| 12.5° | 381.7 | 384.7 | 391.9 | 398.6 | 407.3 | 415.0 | 422.5 | 431.8 | 442.6 | 456.1 | 471.9 |
| 15° | 360.1 | 364.2 | 371.2 | 378.7 | 387.9 | 396.0 | 405.7 | 417.0 | 427.6 | 444.2 | 463.2 |
| 17.5° | 338.2 | 344.6 | 352.0 | 360.3 | 367.1 | 378.4 | 388.9 | 400.4 | 413.5 | 431.1 | 452.1 |
| 20° | 324.3 | 329.3 | 336.2 | 348.4 | 357.3 | 365.9 | 375.6 | 389.9 | 402.0 | 422.0 | 443.7 |
| 22.5° | 312.5 | 316.1 | 323.9 | 333.9 | 344.4 | 354.2 | 364.2 | 377.8 | 392.7 | 411.6 | 435.2 |
| 25° | 295.0 | 300.9 | 306.7 | 313.9 | 325.1 | 337.0 | 347.8 | 359.4 | 375.2 | 395.4 | 420.9 |
| 27.5° | 277.9 | 283.2 | 288.9 | 297.8 | 306.4 | 317.4 | 328.8 | 342.1 | 359.0 | 380.3 | 406.3 |
| 30° | 267.0 | 270.9 | 276.3 | 287.8 | 295.4 | 305.0 | 318.3 | 330.1 | 345.9 | 368.5 | 396.0 |
| 32.5° | 255.7 | 260.7 | 266.7 | 275.4 | 285.0 | 294.0 | 306.1 | 319.0 | 335.1 | 357.4 | 385.5 |
| 35° | 239.5 | 245.6 | 251.6 | 258.1 | 267.6 | 277.0 | 287.1 | 301.2 | 317.6 | 339.3 | 366.8 |
| 37.5° | 224.7 | 229.5 | 234.4 | 242.5 | 251.5 | 260.4 | 269.9 | 283.8 | 299.3 | 322.6 | 347.9 |
| 40° | 215.3 | 219.6 | 223.4 | 231.7 | 240.4 | 249.9 | 259.3 | 271.5 | 288.1 | 310.0 | 334.5 |
| 42.5° | 204.9 | 208.9 | 214.0 | 220.9 | 230.2 | 238.3 | 247.6 | 259.2 | 274.8 | 297.0 | 318.5 |
| 45° | 189.5 | 194.0 | 198.4 | 204.8 | 214.2 | 222.1 | 230.4 | 241.4 | 257.4 | 275.7 | 294.8 |
| 47.5° | 173.3 | 178.0 | 183.0 | 189.2 | 197.3 | 205.4 | 213.7 | 223.4 | 238.0 | 255.9 | 268.9 |
| 50° | 163.1 | 166.8 | 171.8 | 178.1 | 185.6 | 194.0 | 201.5 | 212.1 | 226.0 | 240.1 | 251.4 |
| 52.5° | 152.5 | 155.9 | 161.5 | 168.1 | 175.0 | 182.4 | 190.4 | 199.5 | 212.0 | 225.3 | 234.3 |
| 55° | 135.9 | 140.0 | 144.8 | 151.2 | 158.1 | 164.3 | 172.0 | 181.4 | 191.4 | 201.3 | 207.3 |
| 57.5° | 120.4 | 123.9 | 127.9 | 134.5 | 140.4 | 147.8 | 154.8 | 162.0 | 171.3 | 178.8 | 182.7 |
| 60° | 109.1 | 112.2 | 117.3 | 123.2 | 128.8 | 135.3 | 143.1 | 150.4 | 157.5 | 163.5 | 166.6 |
| 62.5° | 98.4 | 102.0 | 106.6 | 111.9 | 118.0 | 124.1 | 131.0 | 137.1 | 143.4 | 148.6 | 150.7 |
| 65° | 84.5 | 87.5 | 90.8 | 95.8 | 100.8 | 107.0 | 112.4 | 118.6 | 123.2 | 126.1 | 128.0 |
| 67.5° | 72.0 | 73.8 | 76.3 | 79.7 | 84.6 | 90.1 | 95.2 | 100.1 | 104.0 | 105.9 | 107.6 |
| 70° | 63.8 | 65.0 | 66.9 | 70.2 | 73.9 | 78.7 | 84.2 | 87.7 | 91.0 | 92.6 | 94.3 |
| 72.5° | 55.6 | 57.2 | 58.9 | 61.6 | 64.6 | 68.1 | 72.1 | 76.3 | 78.2 | 80.2 | 81.1 |
| 75° | 42.2 | 44.5 | 46.7 | 48.4 | 50.5 | 53.1 | 56.7 | 59.4 | 60.5 | 62.2 | 62.3 |
| 77.5° | 31.8 | 32.4 | 34.0 | 36.0 | 37.8 | 39.8 | 42.0 | 44.4 | 44.9 | 45.7 | 46.4 |
| 80° | 26.2 | 26.2 | 26.2 | 27.5 | 29.5 | 30.9 | 33.0 | 34.2 | 35.1 | 35.3 | 35.5 |
| 82.5° | 21.0 | 21.0 | 20.9 | 21.1 | 21.8 | 22.6 | 24.5 | 25.9 | 26.7 | 26.5 | 26.0 |
| 85° | 13.7 | 13.3 | 13.3 | 13.1 | 13.3 | 12.8 | 12.7 | 13.5 | 14.7 | 14.7 | 14.4 |
| 87.5° | 7.7 | 7.4 | 7.4 | 7.0 | 6.6 | 6.2 | 5.4 | 5.4 | 5.3 | 5.7 | 5.4 |
| 90° | 10.1 | 9.7 | 8.6 | 7.4 | 6.2 | 5.0 | 4.0 | 3.1 | 2.2 | 1.3 | 0.4 |
| 92.5° | 15.8 | 15.5 | 14.9 | 14.2 | 13.6 | 12.8 | 12.2 | 11.6 | 11.0 | 10.4 | 9.8 |
| 95° | 30.2 | 29.9 | 29.2 | 28.4 | 27.7 | 27.0 | 26.4 | 25.8 | 25.1 | 24.4 | 23.8 |
| 97.5° | 47.2 | 46.8 | 46.3 | 45.7 | 45.2 | 44.7 | 44.2 | 43.8 | 43.2 | 42.8 | 42.4 |
| 100° | 59.7 | 59.4 | 58.9 | 58.5 | 58.1 | 57.6 | 57.1 | 56.5 | 56.0 | 55.5 | 54.9 |
| 102.5° | 73.9 | 73.7 | 73.0 | 72.4 | 71.9 | 71.2 | 70.8 | 70.4 | 70.2 | 69.8 | 69.5 |
| 105° | 95.3 | 95.3 | 94.5 | 93.7 | 92.9 | 92.1 | 91.7 | 91.5 | 91.3 | 91.1 | 91.0 |
| 107.5° | 118.1 | 117.8 | 117.4 | 117.1 | 116.8 | 116.5 | 116.3 | 116.1 | 116.0 | 115.9 | 115.8 |
| 110° | 133.3 | 133.0 | 132.8 | 132.6 | 132.4 | 132.2 | 132.1 | 131.9 | 131.7 | 131.5 | 131.3 |



TEST NUMBER: P332391-940

CATALOG NUMBER: S123RDIW-S340D460U940-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 148.6 | 148.1 | 148.1 | 148.1 | 148.0 | 148.0 | 147.9 | 147.8 | 147.8 | 147.6 | 147.5 |
| 115° | 172.3 | 172.2 | 172.4 | 172.5 | 172.7 | 172.9 | 172.8 | 172.5 | 172.3 | 172.0 | 171.7 |
| 117.5° | 195.9 | 195.9 | 196.2 | 196.4 | 196.6 | 196.8 | 196.9 | 196.7 | 196.5 | 196.4 | 196.2 |
| 120° | 211.7 | 211.8 | 212.2 | 212.7 | 213.1 | 213.6 | 213.5 | 212.9 | 212.4 | 211.9 | 211.3 |
| 122.5° | 227.7 | 227.9 | 228.2 | 228.4 | 228.6 | 228.8 | 228.7 | 228.4 | 228.0 | 227.6 | 227.2 |
| 125° | 251.4 | 251.7 | 251.9 | 252.1 | 252.3 | 252.4 | 252.4 | 252.2 | 251.9 | 251.6 | 251.4 |
| 127.5° | 274.8 | 275.4 | 275.5 | 275.7 | 276.0 | 276.2 | 276.0 | 275.4 | 274.8 | 274.2 | 273.7 |
| 130° | 290.2 | 290.5 | 290.8 | 291.1 | 291.3 | 291.6 | 291.4 | 290.7 | 290.0 | 289.3 | 288.6 |
| 132.5° | 305.3 | 305.8 | 305.9 | 306.1 | 306.3 | 306.6 | 306.3 | 305.6 | 304.9 | 304.1 | 303.4 |
| 135° | 327.8 | 328.1 | 328.2 | 328.3 | 328.4 | 328.5 | 328.2 | 327.7 | 327.2 | 326.6 | 326.1 |
| 137.5° | 349.8 | 350.2 | 350.0 | 349.7 | 349.5 | 349.3 | 348.9 | 348.5 | 348.0 | 347.6 | 347.1 |
| 140° | 364.0 | 364.1 | 364.0 | 363.9 | 363.8 | 363.7 | 363.5 | 363.0 | 362.6 | 362.1 | 361.7 |
| 142.5° | 377.6 | 377.6 | 377.6 | 377.4 | 377.2 | 377.0 | 376.7 | 376.3 | 375.9 | 375.4 | 375.0 |
| 145° | 397.5 | 397.6 | 397.3 | 397.1 | 396.8 | 396.5 | 396.4 | 396.2 | 396.0 | 395.8 | 395.7 |
| 147.5° | 416.3 | 416.3 | 416.1 | 415.8 | 415.5 | 415.3 | 415.0 | 414.6 | 414.4 | 414.0 | 413.8 |
| 150° | 427.9 | 427.9 | 427.8 | 427.6 | 427.4 | 427.2 | 427.0 | 426.9 | 426.7 | 426.5 | 426.3 |
| 152.5° | 438.5 | 438.3 | 438.2 | 438.1 | 437.9 | 437.8 | 437.7 | 437.4 | 437.2 | 436.9 | 436.7 |
| 155° | 453.8 | 453.4 | 453.3 | 453.3 | 453.2 | 453.1 | 453.0 | 453.0 | 453.0 | 453.0 | 453.0 |
| 157.5° | 467.1 | 466.7 | 466.6 | 466.6 | 466.5 | 466.5 | 466.5 | 466.5 | 466.7 | 466.8 | 466.9 |
| 160° | 475.3 | 474.8 | 474.8 | 474.8 | 474.8 | 474.8 | 474.9 | 475.1 | 475.3 | 475.5 | 475.6 |
| 162.5° | 483.0 | 482.6 | 482.5 | 482.4 | 482.3 | 482.3 | 482.4 | 482.6 | 482.9 | 483.1 | 483.4 |
| 165° | 492.8 | 492.2 | 492.2 | 492.2 | 492.2 | 492.2 | 492.3 | 492.6 | 492.8 | 493.1 | 493.4 |
| 167.5° | 500.7 | 500.1 | 500.1 | 500.0 | 499.9 | 499.8 | 500.0 | 500.3 | 500.7 | 501.1 | 501.4 |
| 170° | 505.0 | 504.4 | 504.4 | 504.4 | 504.4 | 504.4 | 504.5 | 504.9 | 505.2 | 505.6 | 506.0 |
| 172.5° | 508.5 | 507.8 | 507.8 | 507.8 | 507.8 | 507.8 | 508.0 | 508.5 | 508.8 | 509.2 | 509.5 |
| 175° | 512.1 | 511.6 | 511.6 | 511.6 | 511.6 | 511.6 | 511.8 | 512.1 | 512.5 | 512.8 | 513.2 |
| 177.5° | 513.9 | 513.4 | 513.4 | 513.4 | 513.4 | 513.4 | 513.6 | 513.9 | 514.2 | 514.4 | 514.8 |
| 180° | 514.4 | 514.4 | 514.4 | 514.4 | 514.4 | 514.4 | 514.4 | 514.4 | 514.4 | 514.4 | 514.4 |



TEST NUMBER: P332391-940

CATALOG NUMBER: S123RDIW-S340D460U940-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 485.3 | 485.3 | 485.3 | 485.3 | 485.3 | 485.3 | 485.3 | 485.3 | 485.3 | 485.3 | 485.3 |
| 2.5° | 487.9 | 489.8 | 492.1 | 495.6 | 498.3 | 500.6 | 501.1 | 501.8 | 503.5 | 506.2 | 508.4 |
| 5° | 491.2 | 495.9 | 503.5 | 511.0 | 519.2 | 525.8 | 532.1 | 536.5 | 540.6 | 549.3 | 556.3 |
| 7.5° | 490.1 | 500.8 | 512.8 | 526.2 | 539.8 | 552.9 | 565.2 | 576.1 | 587.0 | 599.8 | 614.2 |
| 10° | 489.5 | 501.9 | 518.2 | 535.4 | 554.3 | 572.7 | 590.7 | 604.6 | 620.7 | 635.3 | 653.8 |
| 12.5° | 486.3 | 504.3 | 523.6 | 545.6 | 568.9 | 590.2 | 613.8 | 632.9 | 651.5 | 672.5 | 694.0 |
| 15° | 482.1 | 504.0 | 528.5 | 557.8 | 593.2 | 618.8 | 643.0 | 676.5 | 699.3 | 722.1 | 752.9 |
| 17.5° | 474.7 | 501.3 | 531.9 | 570.0 | 599.4 | 634.1 | 670.3 | 696.8 | 727.5 | 759.7 | 787.6 |
| 20° | 468.7 | 499.6 | 534.0 | 571.3 | 608.9 | 646.5 | 681.6 | 713.2 | 745.0 | 782.2 | 805.0 |
| 22.5° | 462.7 | 493.3 | 529.0 | 568.6 | 609.0 | 648.7 | 688.4 | 725.5 | 761.3 | 798.8 | 828.0 |
| 25° | 450.0 | 486.3 | 525.0 | 565.5 | 605.4 | 649.0 | 696.3 | 737.7 | 781.9 | 820.6 | 848.3 |
| 27.5° | 437.1 | 470.5 | 508.9 | 550.0 | 594.3 | 645.9 | 701.6 | 748.6 | 792.9 | 820.6 | 829.3 |
| 30° | 425.4 | 460.7 | 496.1 | 537.9 | 585.9 | 643.4 | 702.6 | 756.4 | 792.7 | 804.9 | 795.9 |
| 32.5° | 413.7 | 445.7 | 480.6 | 523.4 | 574.4 | 637.2 | 703.9 | 751.8 | 773.6 | 764.5 | 728.1 |
| 35° | 392.9 | 421.7 | 455.6 | 498.4 | 557.0 | 633.8 | 698.5 | 730.8 | 725.5 | 673.5 | 604.9 |
| 37.5° | 370.6 | 394.1 | 425.4 | 470.2 | 539.0 | 620.4 | 674.8 | 679.7 | 632.8 | 553.1 | 473.9 |
| 40° | 352.9 | 374.2 | 406.4 | 453.1 | 525.0 | 607.1 | 651.1 | 631.8 | 559.3 | 470.6 | 404.5 |
| 42.5° | 335.8 | 353.7 | 384.8 | 435.2 | 511.7 | 588.9 | 615.7 | 573.6 | 490.0 | 406.1 | 346.0 |
| 45° | 306.8 | 323.7 | 354.8 | 406.5 | 484.5 | 554.3 | 550.7 | 477.6 | 393.9 | 326.4 | 276.5 |
| 47.5° | 279.4 | 294.1 | 323.3 | 376.1 | 452.5 | 502.3 | 469.3 | 391.5 | 320.5 | 266.3 | 230.7 |
| 50° | 259.9 | 274.5 | 303.5 | 355.7 | 427.0 | 463.2 | 416.2 | 341.2 | 276.1 | 231.2 | 203.0 |
| 52.5° | 241.3 | 255.5 | 282.0 | 332.9 | 396.0 | 417.8 | 367.1 | 297.6 | 243.3 | 204.6 | 180.4 |
| 55° | 215.3 | 226.0 | 249.9 | 298.5 | 345.7 | 350.7 | 299.3 | 241.2 | 196.5 | 169.5 | 152.9 |
| 57.5° | 188.7 | 198.0 | 221.6 | 260.3 | 293.4 | 290.8 | 242.2 | 191.8 | 161.8 | 141.7 | 129.7 |
| 60° | 171.4 | 180.6 | 201.3 | 234.5 | 259.5 | 250.7 | 206.1 | 165.6 | 139.8 | 125.1 | 115.5 |
| 62.5° | 155.2 | 162.4 | 181.9 | 206.2 | 224.1 | 214.2 | 176.2 | 142.7 | 122.2 | 109.8 | 102.2 |
| 65° | 131.9 | 137.8 | 153.3 | 166.0 | 175.9 | 166.4 | 134.8 | 111.6 | 96.8 | 88.1 | 82.9 |
| 67.5° | 109.8 | 113.4 | 123.2 | 127.9 | 134.9 | 124.4 | 101.4 | 85.8 | 77.4 | 70.1 | 66.4 |
| 70° | 95.8 | 98.4 | 103.7 | 107.5 | 109.2 | 98.4 | 81.4 | 70.0 | 63.0 | 57.8 | 55.5 |
| 72.5° | 81.8 | 84.2 | 85.2 | 88.3 | 87.3 | 77.2 | 65.5 | 56.4 | 51.3 | 47.8 | 44.9 |
| 75° | 62.5 | 63.6 | 62.5 | 61.3 | 58.6 | 51.5 | 43.4 | 38.9 | 35.1 | 33.4 | 32.4 |
| 77.5° | 45.6 | 45.2 | 43.9 | 41.9 | 37.3 | 32.8 | 28.4 | 26.9 | 25.3 | 24.4 | 24.1 |
| 80° | 35.1 | 34.2 | 33.0 | 29.9 | 25.9 | 22.8 | 21.8 | 20.8 | 20.2 | 19.1 | 18.9 |
| 82.5° | 26.1 | 25.6 | 23.5 | 21.0 | 18.2 | 16.7 | 15.9 | 15.4 | 14.8 | 14.3 | 14.3 |
| 85° | 13.9 | 13.3 | 11.0 | 9.5 | 9.2 | 8.7 | 8.6 | 8.6 | 7.7 | 7.5 | 7.5 |
| 87.5° | 4.7 | 3.9 | 3.9 | 3.7 | 3.8 | 3.7 | 4.1 | 4.0 | 4.1 | 4.4 | 4.1 |
| 90° | 1.3 | 2.2 | 3.1 | 4.0 | 5.0 | 6.2 | 7.4 | 8.6 | 9.7 | 10.1 | 10.4 |
| 92.5° | 10.4 | 11.0 | 11.6 | 12.2 | 12.8 | 13.6 | 14.2 | 14.9 | 15.5 | 15.8 | 16.1 |
| 95° | 24.4 | 25.1 | 25.8 | 26.4 | 27.0 | 27.7 | 28.4 | 29.2 | 29.9 | 30.2 | 30.6 |
| 97.5° | 42.8 | 43.2 | 43.8 | 44.2 | 44.7 | 45.2 | 45.7 | 46.3 | 46.8 | 47.2 | 47.6 |
| 100° | 55.5 | 56.0 | 56.5 | 57.1 | 57.6 | 58.1 | 58.5 | 58.9 | 59.4 | 59.7 | 59.9 |
| 102.5° | 69.8 | 70.2 | 70.4 | 70.8 | 71.2 | 71.9 | 72.4 | 73.0 | 73.7 | 73.9 | 74.2 |
| 105° | 91.1 | 91.3 | 91.5 | 91.7 | 92.1 | 92.9 | 93.7 | 94.5 | 95.3 | 95.3 | 95.3 |
| 107.5° | 115.9 | 116.0 | 116.1 | 116.3 | 116.5 | 116.8 | 117.1 | 117.4 | 117.8 | 118.1 | 118.3 |
| 110° | 131.5 | 131.7 | 131.9 | 132.1 | 132.2 | 132.4 | 132.6 | 132.8 | 133.0 | 133.3 | 133.7 |



TEST NUMBER: P332391-940

CATALOG NUMBER: S123RDIW-S340D460U940-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 147.6 | 147.8 | 147.8 | 147.9 | 148.0 | 148.0 | 148.1 | 148.1 | 148.1 | 148.6 | 149.0 |
| 115° | 172.0 | 172.3 | 172.5 | 172.8 | 172.9 | 172.7 | 172.5 | 172.4 | 172.2 | 172.3 | 172.4 |
| 117.5° | 196.4 | 196.5 | 196.7 | 196.9 | 196.8 | 196.6 | 196.4 | 196.2 | 195.9 | 195.9 | 195.9 |
| 120° | 211.9 | 212.4 | 212.9 | 213.5 | 213.6 | 213.1 | 212.7 | 212.2 | 211.8 | 211.7 | 211.6 |
| 122.5° | 227.6 | 228.0 | 228.4 | 228.7 | 228.8 | 228.6 | 228.4 | 228.2 | 227.9 | 227.7 | 227.5 |
| 125° | 251.6 | 251.9 | 252.2 | 252.4 | 252.4 | 252.3 | 252.1 | 251.9 | 251.7 | 251.4 | 251.0 |
| 127.5° | 274.2 | 274.8 | 275.4 | 276.0 | 276.2 | 276.0 | 275.7 | 275.5 | 275.4 | 274.8 | 274.4 |
| 130° | 289.3 | 290.0 | 290.7 | 291.4 | 291.6 | 291.3 | 291.1 | 290.8 | 290.5 | 290.2 | 289.8 |
| 132.5° | 304.1 | 304.9 | 305.6 | 306.3 | 306.6 | 306.3 | 306.1 | 305.9 | 305.8 | 305.3 | 304.9 |
| 135° | 326.6 | 327.2 | 327.7 | 328.2 | 328.5 | 328.4 | 328.3 | 328.2 | 328.1 | 327.8 | 327.4 |
| 137.5° | 347.6 | 348.0 | 348.5 | 348.9 | 349.3 | 349.5 | 349.7 | 350.0 | 350.2 | 349.8 | 349.5 |
| 140° | 362.1 | 362.6 | 363.0 | 363.5 | 363.7 | 363.8 | 363.9 | 364.0 | 364.1 | 364.0 | 363.9 |
| 142.5° | 375.4 | 375.9 | 376.3 | 376.7 | 377.0 | 377.2 | 377.4 | 377.6 | 377.6 | 377.6 | 377.5 |
| 145° | 395.8 | 396.0 | 396.2 | 396.4 | 396.5 | 396.8 | 397.1 | 397.3 | 397.6 | 397.5 | 397.4 |
| 147.5° | 414.0 | 414.4 | 414.6 | 415.0 | 415.3 | 415.5 | 415.8 | 416.1 | 416.3 | 416.3 | 416.3 |
| 150° | 426.5 | 426.7 | 426.9 | 427.0 | 427.2 | 427.4 | 427.6 | 427.8 | 427.9 | 427.9 | 427.9 |
| 152.5° | 436.9 | 437.2 | 437.4 | 437.7 | 437.8 | 437.9 | 438.1 | 438.2 | 438.3 | 438.5 | 438.5 |
| 155° | 453.0 | 453.0 | 453.0 | 453.0 | 453.1 | 453.2 | 453.3 | 453.3 | 453.4 | 453.8 | 454.1 |
| 157.5° | 466.8 | 466.7 | 466.5 | 466.5 | 466.5 | 466.5 | 466.6 | 466.6 | 466.7 | 467.1 | 467.5 |
| 160° | 475.5 | 475.3 | 475.1 | 474.9 | 474.8 | 474.8 | 474.8 | 474.8 | 474.8 | 475.3 | 475.7 |
| 162.5° | 483.1 | 482.9 | 482.6 | 482.4 | 482.3 | 482.3 | 482.4 | 482.5 | 482.6 | 483.0 | 483.5 |
| 165° | 493.1 | 492.8 | 492.6 | 492.3 | 492.2 | 492.2 | 492.2 | 492.2 | 492.2 | 492.8 | 493.3 |
| 167.5° | 501.1 | 500.7 | 500.3 | 500.0 | 499.8 | 499.9 | 500.0 | 500.1 | 500.1 | 500.7 | 501.2 |
| 170° | 505.6 | 505.2 | 504.9 | 504.5 | 504.4 | 504.4 | 504.4 | 504.4 | 504.4 | 505.0 | 505.6 |
| 172.5° | 509.2 | 508.8 | 508.5 | 508.0 | 507.8 | 507.8 | 507.8 | 507.8 | 507.8 | 508.5 | 509.0 |
| 175° | 512.8 | 512.5 | 512.1 | 511.8 | 511.6 | 511.6 | 511.6 | 511.6 | 511.6 | 512.1 | 512.6 |
| 177.5° | 514.4 | 514.2 | 513.9 | 513.6 | 513.4 | 513.4 | 513.4 | 513.4 | 513.4 | 513.9 | 514.3 |
| 180° | 514.4 | 514.4 | 514.4 | 514.4 | 514.4 | 514.4 | 514.4 | 514.4 | 514.4 | 514.4 | 514.4 |



TEST NUMBER: P332391-940

CATALOG NUMBER: S123RDIW-S340D460U940-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 485.3 | 485.3 | 485.3 | 485.3 | 485.3 | 485.3 | 485.3 |
| 2.5° | 511.9 | 511.9 | 512.6 | 515.1 | 515.4 | 517.5 | 516.9 |
| 5° | 562.6 | 566.5 | 568.0 | 574.3 | 577.9 | 579.6 | 576.3 |
| 7.5° | 624.6 | 635.7 | 641.0 | 647.6 | 653.3 | 655.1 | 650.5 |
| 10° | 669.8 | 681.4 | 691.2 | 697.2 | 702.8 | 706.6 | 711.3 |
| 12.5° | 713.5 | 727.8 | 737.1 | 745.6 | 751.4 | 756.1 | 756.9 |
| 15° | 761.0 | 782.6 | 799.0 | 811.1 | 817.1 | 820.2 | 818.9 |
| 17.5° | 808.9 | 828.9 | 840.6 | 852.9 | 861.2 | 861.7 | 861.9 |
| 20° | 836.0 | 855.5 | 869.1 | 878.2 | 887.5 | 887.1 | 889.2 |
| 22.5° | 854.1 | 869.5 | 879.9 | 886.4 | 889.7 | 888.1 | 888.5 |
| 25° | 862.6 | 867.2 | 865.3 | 854.7 | 851.9 | 842.2 | 843.9 |
| 27.5° | 818.9 | 797.3 | 774.9 | 746.2 | 723.4 | 705.3 | 706.2 |
| 30° | 759.6 | 721.3 | 677.7 | 641.1 | 608.3 | 599.1 | 579.6 |
| 32.5° | 676.6 | 619.3 | 568.2 | 534.0 | 506.0 | 498.3 | 481.3 |
| 35° | 536.0 | 480.3 | 427.8 | 396.2 | 383.7 | 366.2 | 366.0 |
| 37.5° | 416.6 | 367.6 | 339.8 | 316.1 | 303.7 | 293.1 | 292.1 |
| 40° | 350.4 | 312.3 | 291.2 | 274.2 | 262.0 | 254.0 | 252.2 |
| 42.5° | 304.3 | 273.4 | 253.7 | 243.2 | 233.7 | 229.6 | 226.6 |
| 45° | 248.4 | 227.7 | 214.0 | 204.5 | 200.1 | 197.0 | 195.3 |
| 47.5° | 207.9 | 193.9 | 184.6 | 178.2 | 174.7 | 171.4 | 172.3 |
| 50° | 185.7 | 174.3 | 167.5 | 161.4 | 158.7 | 156.4 | 156.7 |
| 52.5° | 167.9 | 157.7 | 152.1 | 147.8 | 144.5 | 142.8 | 142.0 |
| 55° | 142.5 | 136.1 | 130.5 | 127.3 | 125.5 | 123.2 | 122.6 |
| 57.5° | 121.5 | 116.5 | 112.0 | 108.5 | 108.0 | 105.8 | 106.1 |
| 60° | 107.6 | 103.4 | 99.7 | 97.8 | 96.4 | 94.5 | 95.1 |
| 62.5° | 96.1 | 92.6 | 89.3 | 87.7 | 86.2 | 84.9 | 85.2 |
| 65° | 78.7 | 75.4 | 73.3 | 72.5 | 71.9 | 71.2 | 70.6 |
| 67.5° | 62.8 | 60.7 | 59.4 | 57.6 | 56.4 | 56.2 | 55.6 |
| 70° | 52.8 | 50.0 | 47.8 | 45.5 | 44.9 | 44.7 | 44.9 |
| 72.5° | 42.3 | 40.6 | 39.9 | 38.9 | 38.7 | 38.2 | 38.5 |
| 75° | 31.7 | 31.1 | 30.8 | 29.9 | 29.9 | 29.9 | 29.9 |
| 77.5° | 23.5 | 23.1 | 22.8 | 22.6 | 22.5 | 22.1 | 22.1 |
| 80° | 18.3 | 18.1 | 17.7 | 17.7 | 17.5 | 17.7 | 17.5 |
| 82.5° | 13.8 | 13.7 | 13.4 | 13.4 | 13.1 | 13.0 | 13.1 |
| 85° | 7.0 | 6.9 | 7.3 | 6.9 | 7.0 | 6.7 | 7.0 |
| 87.5° | 4.2 | 4.2 | 4.1 | 4.1 | 4.0 | 4.4 | 4.1 |
| 90° | 10.8 | 11.1 | 11.4 | 11.6 | 11.8 | 11.9 | 12.1 |
| 92.5° | 16.4 | 16.7 | 16.8 | 16.7 | 16.5 | 16.4 | 16.3 |
| 95° | 30.9 | 31.3 | 31.5 | 31.5 | 31.5 | 31.5 | 31.5 |
| 97.5° | 48.1 | 48.4 | 48.6 | 48.6 | 48.6 | 48.5 | 48.5 |
| 100° | 60.2 | 60.5 | 60.7 | 60.9 | 61.1 | 61.3 | 61.4 |
| 102.5° | 74.5 | 74.7 | 74.8 | 74.8 | 74.7 | 74.7 | 74.6 |
| 105° | 95.3 | 95.3 | 95.4 | 95.7 | 95.9 | 96.0 | 96.2 |
| 107.5° | 118.6 | 118.9 | 119.0 | 118.9 | 118.8 | 118.7 | 118.6 |
| 110° | 134.0 | 134.4 | 134.5 | 134.3 | 134.1 | 133.9 | 133.8 |



TEST NUMBER: P332391-940

CATALOG NUMBER: S123RDIW-S340D460U940-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 149.5 | 149.9 | 150.1 | 150.0 | 150.0 | 150.0 | 149.9 |
| 115° | 172.5 | 172.5 | 172.5 | 172.5 | 172.4 | 172.3 | 172.2 |
| 117.5° | 195.8 | 195.8 | 195.7 | 195.5 | 195.2 | 194.9 | 194.7 |
| 120° | 211.5 | 211.4 | 211.2 | 211.1 | 210.9 | 210.7 | 210.5 |
| 122.5° | 227.2 | 226.9 | 226.8 | 226.5 | 226.2 | 226.0 | 225.7 |
| 125° | 250.7 | 250.3 | 249.9 | 249.6 | 249.2 | 248.9 | 248.5 |
| 127.5° | 273.8 | 273.3 | 272.9 | 272.5 | 272.1 | 271.6 | 271.3 |
| 130° | 289.4 | 289.1 | 288.6 | 288.0 | 287.4 | 286.8 | 286.1 |
| 132.5° | 304.4 | 304.0 | 303.5 | 303.1 | 302.6 | 302.1 | 301.6 |
| 135° | 327.1 | 326.7 | 326.5 | 326.3 | 326.1 | 325.9 | 325.7 |
| 137.5° | 349.1 | 348.7 | 348.3 | 347.9 | 347.7 | 347.3 | 347.0 |
| 140° | 363.8 | 363.7 | 363.4 | 362.7 | 362.1 | 361.5 | 360.9 |
| 142.5° | 377.4 | 377.3 | 377.0 | 376.6 | 376.0 | 375.6 | 375.1 |
| 145° | 397.3 | 397.3 | 397.1 | 396.7 | 396.4 | 396.0 | 395.7 |
| 147.5° | 416.3 | 416.3 | 416.1 | 415.5 | 414.9 | 414.4 | 413.8 |
| 150° | 427.9 | 427.9 | 427.7 | 427.1 | 426.6 | 426.1 | 425.5 |
| 152.5° | 438.7 | 438.9 | 438.7 | 438.3 | 437.7 | 437.3 | 436.8 |
| 155° | 454.5 | 454.9 | 454.7 | 454.1 | 453.4 | 452.8 | 452.2 |
| 157.5° | 467.9 | 468.2 | 468.1 | 467.7 | 467.2 | 466.6 | 466.2 |
| 160° | 476.2 | 476.6 | 476.6 | 476.3 | 475.9 | 475.5 | 475.2 |
| 162.5° | 483.9 | 484.4 | 484.3 | 483.8 | 483.1 | 482.6 | 482.0 |
| 165° | 493.8 | 494.4 | 494.3 | 493.7 | 493.0 | 492.4 | 491.8 |
| 167.5° | 501.8 | 502.3 | 502.3 | 501.8 | 501.2 | 500.7 | 500.1 |
| 170° | 506.2 | 506.8 | 506.8 | 506.2 | 505.6 | 505.0 | 504.4 |
| 172.5° | 509.5 | 510.1 | 510.1 | 509.4 | 508.8 | 508.2 | 507.6 |
| 175° | 513.2 | 513.7 | 513.7 | 513.1 | 512.5 | 511.8 | 511.2 |
| 177.5° | 514.8 | 515.1 | 515.1 | 514.6 | 514.2 | 513.6 | 513.1 |
| 180° | 514.4 | 514.4 | 514.4 | 514.4 | 514.4 | 514.4 | 514.4 |

(END OF REPORT)