

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: P332398-927

Luminaire Tested: **S123RDIW-S340D1030U927-4F0-1E-UDD-A**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P332398-927  
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: S123RDIW-S340D1030U927-4F0-1E-UDD-A  
Description: DEFINE 3 DIRECT-INDIRECT WALL MOUNT LED LUMINAIRE  
DOWNLIGHT 340 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING  
UPLIGHT 1030 LUMENS PER FOOT, NO LENS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 4342.4 lumens  
Efficiency: N/A  
Efficacy: 114.3 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: Semi-Indirect

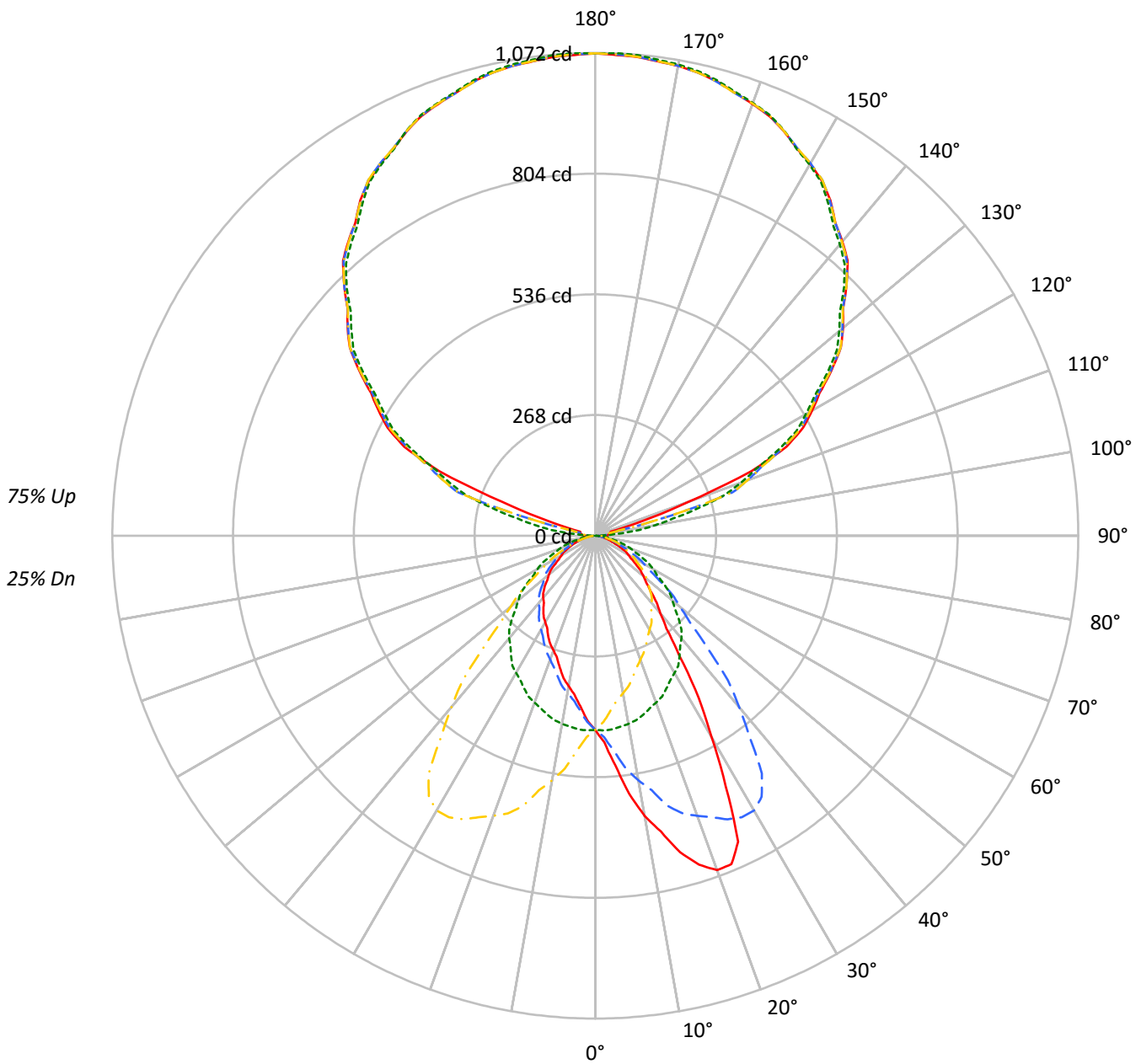
Input Watts (W): 38  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Luminous Intensity Polar Plot



— 0°-180°    - - 45°-225°    - - - 90°-270°    - · - 135°-315°



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**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   | 101 | 101 | 101 | 101 | 90 | 90 | 90 | 90 | 69 | 69 | 69 | 50 | 50 | 50 | 33 | 33 | 33 | 25 |
| 1   | 92  | 88  | 85  | 81  | 82 | 79 | 76 | 73 | 61 | 59 | 57 | 45 | 43 | 42 | 30 | 29 | 28 | 21 |
| 2   | 84  | 77  | 72  | 67  | 75 | 69 | 64 | 60 | 54 | 51 | 48 | 39 | 37 | 36 | 26 | 25 | 24 | 18 |
| 3   | 77  | 68  | 61  | 56  | 68 | 61 | 55 | 51 | 48 | 44 | 40 | 35 | 33 | 31 | 24 | 22 | 21 | 16 |
| 4   | 71  | 60  | 53  | 47  | 63 | 54 | 48 | 43 | 42 | 38 | 35 | 31 | 29 | 26 | 21 | 20 | 18 | 14 |
| 5   | 65  | 54  | 46  | 41  | 57 | 48 | 42 | 37 | 38 | 33 | 30 | 28 | 25 | 23 | 19 | 17 | 16 | 12 |
| 6   | 60  | 48  | 41  | 35  | 53 | 43 | 37 | 32 | 34 | 29 | 26 | 26 | 22 | 20 | 17 | 16 | 14 | 11 |
| 7   | 55  | 43  | 36  | 31  | 49 | 39 | 33 | 28 | 31 | 26 | 23 | 23 | 20 | 18 | 16 | 14 | 13 | 10 |
| 8   | 51  | 39  | 32  | 27  | 45 | 35 | 29 | 25 | 28 | 23 | 20 | 21 | 18 | 16 | 15 | 13 | 11 | 9  |
| 9   | 47  | 36  | 29  | 24  | 42 | 32 | 26 | 22 | 26 | 21 | 18 | 19 | 16 | 14 | 14 | 12 | 10 | 8  |
| 10  | 44  | 33  | 26  | 21  | 39 | 30 | 24 | 20 | 24 | 19 | 16 | 18 | 15 | 13 | 13 | 11 | 9  | 7  |

**AVERAGE LUMINANCE (cd/sqm):**

|     | 0°   | 90°  | 180° | 270° |
|-----|------|------|------|------|
| 0°  | 4640 | 4640 | 4640 | 4640 |
| 5°  | 5532 | 4660 | 4105 | 4660 |
| 10° | 6907 | 4634 | 3707 | 4634 |
| 15° | 8107 | 4586 | 3381 | 4586 |
| 20° | 9049 | 4515 | 3103 | 4515 |
| 25° | 8904 | 4441 | 2932 | 4441 |
| 30° | 6400 | 4373 | 2757 | 4373 |
| 35° | 4273 | 4282 | 2643 | 4282 |
| 40° | 3147 | 4175 | 2525 | 4175 |
| 45° | 2641 | 3987 | 2411 | 3987 |
| 50° | 2331 | 3739 | 2251 | 3739 |
| 55° | 2044 | 3457 | 2029 | 3457 |
| 60° | 1819 | 3186 | 1858 | 3186 |
| 65° | 1597 | 2896 | 1729 | 2896 |
| 70° | 1253 | 2637 | 1580 | 2637 |
| 75° | 1102 | 2304 | 1443 | 2304 |
| 80° | 961  | 1953 | 1420 | 1953 |
| 85° | 778  | 1581 | 1507 | 1581 |



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 42.4   | 1.0       |
| 10°-20°   | 132.5  | 3.1       |
| 20°-30°   | 208.1  | 4.8       |
| 30°-40°   | 217.1  | 5.0       |
| 40°-50°   | 185.8  | 4.3       |
| 50°-60°   | 141.6  | 3.3       |
| 60°-70°   | 90.8   | 2.1       |
| 70°-80°   | 43.7   | 1.0       |
| 80°-90°   | 14.6   | 0.3       |
| 90°-100°  | 38.9   | 0.9       |
| 100°-110° | 185.6  | 4.3       |
| 110°-120° | 445.8  | 10.3      |
| 120°-130° | 567.6  | 13.1      |
| 130°-140° | 606.5  | 14.0      |
| 140°-150° | 567.1  | 13.1      |
| 150°-160° | 457.5  | 10.5      |
| 160°-170° | 295.2  | 6.8       |
| 170°-180° | 101.8  | 2.3       |
| 0°-30°    | 382.9  | 8.8       |
| 0°-40°    | 600.1  | 13.8      |
| 0°-60°    | 927.5  | 21.4      |
| 0°-90°    | 1076.5 | 24.8      |
| 90°-120°  | 670.3  | 15.4      |
| 90°-150°  | 2411.5 | 55.5      |
| 90°-180°  | 3266.0 | 75.2      |
| 0°-180°   | 4342.4 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 431  | 431  | 431  | 431  | 431  |      |
| 5°   | 512  | 431  | 380  | 431  | 512  | 53   |
| 15°  | 728  | 412  | 303  | 412  | 728  | 206  |
| 25°  | 750  | 374  | 247  | 374  | 750  | 322  |
| 35°  | 325  | 326  | 201  | 326  | 325  | 213  |
| 45°  | 174  | 262  | 158  | 262  | 174  | 136  |
| 55°  | 109  | 184  | 108  | 184  | 109  | 98   |
| 65°  | 63   | 114  | 68   | 114  | 63   | 62   |
| 75°  | 26   | 55   | 35   | 55   | 26   | 28   |
| 85°  | 6    | 13   | 12   | 13   | 6    | 8    |
| 90°  | 24   | 1    | 24   | 1    | 24   | 11   |
| 95°  | 30   | 49   | 30   | 49   | 30   | 25   |
| 105° | 35   | 237  | 35   | 237  | 35   | 80   |
| 115° | 468  | 445  | 468  | 445  | 468  | 432  |
| 125° | 640  | 627  | 640  | 627  | 640  | 571  |
| 135° | 788  | 780  | 788  | 780  | 788  | 608  |
| 145° | 909  | 901  | 909  | 901  | 909  | 568  |
| 155° | 991  | 992  | 991  | 992  | 991  | 457  |
| 165° | 1044 | 1046 | 1044 | 1046 | 1044 | 295  |
| 175° | 1067 | 1071 | 1067 | 1071 | 1067 | 102  |
| 180° | 1071 | 1071 | 1071 | 1071 | 1071 |      |



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**CANDELA DISTRIBUTION (FULL):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 25°   | 30°   | 35°   | 40°   | 45°   | 50°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 431.1 | 431.1 | 431.1 | 431.1 | 431.1 | 431.1 | 431.1 | 431.1 | 431.1 | 431.1 | 431.1 |
| 2.5°   | 459.2 | 459.8 | 457.9 | 457.6 | 455.3 | 454.8 | 454.8 | 451.6 | 449.7 | 447.3 | 445.8 |
| 5°     | 512.0 | 514.9 | 513.4 | 510.2 | 504.6 | 503.3 | 499.8 | 494.2 | 488.0 | 480.2 | 476.6 |
| 7.5°   | 577.9 | 581.9 | 580.4 | 575.3 | 569.4 | 564.7 | 554.8 | 545.7 | 532.8 | 521.5 | 511.8 |
| 10°    | 631.9 | 627.7 | 624.4 | 619.4 | 614.0 | 605.4 | 595.0 | 580.8 | 564.4 | 551.4 | 537.1 |
| 12.5°  | 672.4 | 671.7 | 667.5 | 662.3 | 654.8 | 646.6 | 633.8 | 616.6 | 597.5 | 578.8 | 562.3 |
| 15°    | 727.5 | 728.6 | 725.9 | 720.6 | 709.8 | 695.2 | 676.0 | 668.8 | 641.5 | 621.2 | 600.9 |
| 17.5°  | 765.7 | 765.5 | 765.1 | 757.7 | 746.8 | 736.4 | 718.6 | 699.7 | 674.9 | 646.3 | 619.0 |
| 20°    | 790.0 | 788.1 | 788.5 | 780.1 | 772.1 | 760.0 | 742.7 | 715.2 | 694.9 | 661.9 | 633.6 |
| 22.5°  | 789.3 | 788.9 | 790.4 | 787.5 | 781.6 | 772.5 | 758.8 | 735.5 | 709.6 | 676.3 | 644.5 |
| 25°    | 749.7 | 748.2 | 756.9 | 759.3 | 768.7 | 770.4 | 766.3 | 753.6 | 729.0 | 694.7 | 655.4 |
| 27.5°  | 627.4 | 626.6 | 642.7 | 662.9 | 688.4 | 708.3 | 727.5 | 736.7 | 729.0 | 704.4 | 665.0 |
| 30°    | 514.9 | 532.3 | 540.4 | 569.6 | 602.1 | 640.8 | 674.8 | 707.0 | 715.0 | 704.3 | 672.0 |
| 32.5°  | 427.5 | 442.7 | 449.5 | 474.4 | 504.8 | 550.2 | 601.1 | 646.8 | 679.1 | 687.3 | 667.9 |
| 35°    | 325.2 | 325.3 | 340.9 | 352.0 | 380.0 | 426.7 | 476.2 | 537.4 | 598.3 | 644.5 | 649.3 |
| 37.5°  | 259.5 | 260.4 | 269.8 | 280.8 | 301.9 | 326.5 | 370.1 | 421.0 | 491.4 | 562.2 | 603.8 |
| 40°    | 224.0 | 225.7 | 232.7 | 243.6 | 258.7 | 277.4 | 311.3 | 359.3 | 418.0 | 496.9 | 561.3 |
| 42.5°  | 201.3 | 204.0 | 207.6 | 216.0 | 225.4 | 242.9 | 270.3 | 307.4 | 360.8 | 435.3 | 509.6 |
| 45°    | 173.5 | 175.0 | 177.8 | 181.6 | 190.1 | 202.2 | 220.7 | 245.7 | 289.9 | 349.9 | 424.3 |
| 47.5°  | 153.0 | 152.3 | 155.2 | 158.3 | 164.0 | 172.3 | 184.7 | 204.9 | 236.5 | 284.7 | 347.8 |
| 50°    | 139.2 | 138.9 | 141.0 | 143.4 | 148.8 | 154.9 | 165.0 | 180.3 | 205.4 | 245.3 | 303.1 |
| 52.5°  | 126.2 | 126.8 | 128.3 | 131.3 | 135.1 | 140.1 | 149.2 | 160.3 | 181.8 | 216.2 | 264.4 |
| 55°    | 108.9 | 109.5 | 111.5 | 113.1 | 115.9 | 120.9 | 126.6 | 135.9 | 150.6 | 174.6 | 214.3 |
| 57.5°  | 94.3  | 94.0  | 95.9  | 96.4  | 99.5  | 103.5 | 108.0 | 115.2 | 125.9 | 143.7 | 170.4 |
| 60°    | 84.5  | 84.0  | 85.6  | 86.9  | 88.6  | 91.9  | 95.6  | 102.6 | 111.1 | 124.2 | 147.1 |
| 62.5°  | 75.7  | 75.4  | 76.6  | 78.0  | 79.3  | 82.3  | 85.4  | 90.8  | 97.5  | 108.5 | 126.7 |
| 65°    | 62.7  | 63.3  | 63.8  | 64.4  | 65.1  | 67.0  | 69.9  | 73.7  | 78.3  | 86.0  | 99.1  |
| 67.5°  | 49.4  | 49.9  | 50.1  | 51.2  | 52.8  | 53.9  | 55.8  | 59.0  | 62.3  | 68.8  | 76.2  |
| 70°    | 39.8  | 39.7  | 39.8  | 40.4  | 42.5  | 44.4  | 46.9  | 49.3  | 51.3  | 55.9  | 62.2  |
| 72.5°  | 34.2  | 33.9  | 34.4  | 34.5  | 35.5  | 36.0  | 37.5  | 39.8  | 42.5  | 45.6  | 50.1  |
| 75°    | 26.5  | 26.5  | 26.5  | 26.5  | 27.3  | 27.6  | 28.2  | 28.8  | 29.7  | 31.2  | 34.5  |
| 77.5°  | 19.6  | 19.6  | 20.0  | 20.1  | 20.3  | 20.5  | 20.8  | 21.4  | 21.7  | 22.5  | 23.9  |
| 80°    | 15.5  | 15.7  | 15.5  | 15.7  | 15.7  | 16.1  | 16.2  | 16.8  | 17.0  | 17.9  | 18.5  |
| 82.5°  | 11.6  | 11.6  | 11.6  | 11.9  | 11.9  | 12.2  | 12.3  | 12.7  | 12.7  | 13.2  | 13.7  |
| 85°    | 6.3   | 5.9   | 6.3   | 6.1   | 6.5   | 6.1   | 6.3   | 6.7   | 6.7   | 6.8   | 7.6   |
| 87.5°  | 6.3   | 6.5   | 6.1   | 6.2   | 6.1   | 6.2   | 6.0   | 5.9   | 6.0   | 5.7   | 5.5   |
| 90°    | 23.8  | 23.5  | 23.1  | 22.8  | 22.4  | 21.9  | 21.2  | 20.5  | 19.8  | 19.1  | 16.8  |
| 92.5°  | 26.4  | 26.2  | 26.0  | 25.7  | 25.6  | 24.9  | 23.8  | 22.7  | 21.5  | 20.4  | 18.6  |
| 95°    | 30.3  | 30.3  | 30.3  | 30.3  | 30.3  | 29.6  | 28.4  | 27.2  | 25.9  | 24.6  | 22.7  |
| 97.5°  | 32.8  | 32.6  | 32.4  | 32.2  | 32.1  | 31.3  | 29.9  | 28.4  | 27.0  | 25.6  | 38.3  |
| 100°   | 33.4  | 33.3  | 33.0  | 32.9  | 32.7  | 31.9  | 30.5  | 29.1  | 27.6  | 26.2  | 53.9  |
| 102.5° | 34.1  | 33.7  | 33.4  | 33.1  | 32.8  | 34.8  | 39.2  | 43.6  | 48.0  | 52.4  | 82.5  |
| 105°   | 35.0  | 34.6  | 34.3  | 34.0  | 33.6  | 49.0  | 80.3  | 111.7 | 143.0 | 174.3 | 190.2 |
| 107.5° | 110.0 | 133.6 | 157.2 | 180.7 | 204.3 | 227.6 | 250.6 | 273.5 | 296.4 | 319.4 | 316.9 |
| 110°   | 218.8 | 244.1 | 269.3 | 294.7 | 320.0 | 335.5 | 341.4 | 347.2 | 353.0 | 358.9 | 356.9 |



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**CANDELA DISTRIBUTION (continued):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 375.4  | 380.7  | 386.1  | 391.4  | 396.7  | 399.3  | 399.3  | 399.2  | 399.0  | 398.9  | 397.0  |
| 115°   | 467.9  | 467.1  | 466.4  | 465.7  | 465.0  | 463.8  | 462.0  | 460.3  | 458.5  | 456.7  | 455.1  |
| 117.5° | 519.8  | 519.6  | 519.4  | 519.3  | 519.2  | 518.4  | 517.0  | 515.6  | 514.1  | 512.7  | 511.9  |
| 120°   | 555.4  | 555.4  | 555.4  | 555.4  | 555.4  | 554.7  | 553.3  | 551.8  | 550.4  | 549.0  | 548.5  |
| 122.5° | 590.4  | 590.3  | 590.1  | 589.9  | 589.9  | 589.2  | 588.3  | 587.2  | 586.3  | 585.3  | 584.6  |
| 125°   | 639.7  | 639.4  | 639.0  | 638.7  | 638.3  | 637.9  | 637.6  | 637.2  | 636.9  | 636.5  | 635.8  |
| 127.5° | 687.1  | 687.5  | 687.9  | 688.2  | 688.6  | 688.5  | 687.9  | 687.3  | 686.7  | 686.2  | 685.3  |
| 130°   | 717.7  | 718.0  | 718.4  | 718.7  | 719.1  | 718.9  | 718.2  | 717.6  | 716.8  | 716.1  | 715.4  |
| 132.5° | 745.7  | 746.2  | 746.7  | 747.2  | 747.7  | 747.6  | 746.9  | 746.2  | 745.4  | 744.7  | 744.2  |
| 135°   | 788.5  | 789.0  | 789.6  | 790.1  | 790.6  | 790.6  | 790.1  | 789.6  | 789.0  | 788.5  | 787.8  |
| 137.5° | 828.8  | 829.1  | 829.5  | 829.8  | 830.2  | 830.0  | 829.1  | 828.2  | 827.4  | 826.6  | 826.2  |
| 140°   | 852.9  | 853.3  | 853.7  | 854.1  | 854.4  | 854.2  | 853.5  | 852.8  | 852.1  | 851.4  | 850.8  |
| 142.5° | 875.2  | 875.8  | 876.2  | 876.7  | 877.2  | 877.2  | 876.6  | 876.1  | 875.5  | 874.9  | 874.4  |
| 145°   | 909.4  | 909.4  | 909.4  | 909.4  | 909.4  | 909.3  | 908.9  | 908.6  | 908.2  | 907.8  | 907.5  |
| 147.5° | 934.9  | 935.7  | 936.5  | 937.4  | 938.2  | 938.4  | 938.0  | 937.7  | 937.3  | 937.0  | 936.6  |
| 150°   | 954.0  | 954.6  | 955.1  | 955.6  | 956.2  | 956.2  | 955.8  | 955.5  | 955.1  | 954.8  | 954.4  |
| 152.5° | 969.3  | 970.1  | 970.9  | 971.7  | 972.6  | 972.6  | 972.0  | 971.4  | 970.7  | 970.1  | 969.9  |
| 155°   | 990.6  | 991.7  | 992.8  | 993.8  | 994.8  | 995.0  | 994.0  | 993.2  | 992.3  | 991.4  | 991.3  |
| 157.5° | 1008.6 | 1010.0 | 1011.4 | 1012.7 | 1014.1 | 1014.2 | 1013.2 | 1012.2 | 1011.1 | 1010.0 | 1010.2 |
| 160°   | 1020.0 | 1021.3 | 1022.5 | 1023.7 | 1025.0 | 1025.1 | 1024.1 | 1022.9 | 1021.9 | 1020.9 | 1021.0 |
| 162.5° | 1030.9 | 1032.0 | 1033.1 | 1034.2 | 1035.2 | 1035.2 | 1034.0 | 1032.8 | 1031.6 | 1030.4 | 1030.5 |
| 165°   | 1043.9 | 1045.1 | 1046.4 | 1047.7 | 1048.8 | 1048.8 | 1047.3 | 1045.9 | 1044.6 | 1043.1 | 1043.3 |
| 167.5° | 1053.3 | 1054.7 | 1056.1 | 1057.6 | 1059.0 | 1059.0 | 1057.6 | 1056.1 | 1054.7 | 1053.3 | 1053.3 |
| 170°   | 1059.1 | 1060.4 | 1061.8 | 1063.3 | 1064.7 | 1064.7 | 1063.3 | 1061.8 | 1060.4 | 1059.1 | 1059.1 |
| 172.5° | 1062.2 | 1063.7 | 1065.3 | 1066.9 | 1068.4 | 1068.5 | 1067.1 | 1065.7 | 1064.3 | 1062.9 | 1062.7 |
| 175°   | 1067.0 | 1068.4 | 1069.8 | 1071.3 | 1072.7 | 1072.8 | 1071.5 | 1070.2 | 1069.1 | 1067.8 | 1067.6 |
| 177.5° | 1068.4 | 1069.8 | 1071.3 | 1072.7 | 1074.1 | 1074.2 | 1073.1 | 1072.0 | 1070.9 | 1069.7 | 1069.5 |
| 180°   | 1071.0 | 1071.0 | 1071.0 | 1071.0 | 1071.0 | 1071.0 | 1071.0 | 1071.0 | 1071.0 | 1071.0 | 1071.0 |



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**CANDELA DISTRIBUTION (continued):**

|        | 55°   | 60°   | 65°   | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   | 100°  | 105°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 431.1 | 431.1 | 431.1 | 431.1 | 431.1 | 431.1 | 431.1 | 431.1 | 431.1 | 431.1 | 431.1 |
| 2.5°   | 445.1 | 444.7 | 442.7 | 440.3 | 437.2 | 435.1 | 433.5 | 432.6 | 429.9 | 426.7 | 424.5 |
| 5°     | 472.7 | 467.1 | 461.2 | 454.0 | 447.3 | 440.5 | 436.3 | 431.3 | 425.2 | 418.4 | 413.6 |
| 7.5°   | 502.1 | 491.2 | 479.6 | 467.5 | 455.6 | 444.9 | 435.4 | 427.3 | 417.6 | 407.8 | 401.0 |
| 10°    | 524.7 | 508.8 | 492.4 | 475.6 | 460.3 | 445.9 | 434.8 | 424.0 | 412.3 | 401.1 | 392.5 |
| 12.5°  | 545.3 | 524.3 | 505.4 | 484.7 | 465.2 | 448.0 | 432.1 | 419.2 | 405.2 | 393.2 | 383.6 |
| 15°    | 571.2 | 549.8 | 527.0 | 495.5 | 469.5 | 447.7 | 428.3 | 411.5 | 394.6 | 379.9 | 370.4 |
| 17.5°  | 595.5 | 563.3 | 532.5 | 506.4 | 472.5 | 445.4 | 421.7 | 401.6 | 382.9 | 367.3 | 355.7 |
| 20°    | 605.5 | 574.3 | 541.0 | 507.6 | 474.4 | 443.9 | 416.4 | 394.2 | 374.9 | 357.1 | 346.4 |
| 22.5°  | 611.6 | 576.3 | 541.1 | 505.2 | 469.9 | 438.2 | 411.1 | 386.7 | 365.7 | 348.9 | 335.6 |
| 25°    | 618.6 | 576.6 | 537.8 | 502.4 | 466.4 | 432.1 | 399.7 | 373.9 | 351.3 | 333.4 | 319.3 |
| 27.5°  | 623.3 | 573.8 | 528.0 | 488.6 | 452.1 | 418.0 | 388.3 | 360.9 | 337.9 | 318.9 | 303.9 |
| 30°    | 624.2 | 571.6 | 520.5 | 477.8 | 440.8 | 409.3 | 378.0 | 351.8 | 327.4 | 307.3 | 293.3 |
| 32.5°  | 625.3 | 566.1 | 510.2 | 465.0 | 427.0 | 395.9 | 367.5 | 342.5 | 317.5 | 297.7 | 283.4 |
| 35°    | 620.5 | 563.1 | 494.8 | 442.8 | 404.7 | 374.6 | 349.0 | 325.9 | 301.4 | 282.2 | 267.6 |
| 37.5°  | 599.5 | 551.1 | 478.8 | 417.7 | 378.0 | 350.1 | 329.2 | 309.1 | 286.6 | 265.9 | 252.2 |
| 40°    | 578.5 | 539.3 | 466.4 | 402.5 | 361.0 | 332.4 | 313.5 | 297.1 | 275.4 | 256.0 | 241.2 |
| 42.5°  | 547.0 | 523.2 | 454.6 | 386.6 | 341.8 | 314.3 | 298.3 | 283.0 | 263.9 | 244.2 | 230.3 |
| 45°    | 489.3 | 492.4 | 430.4 | 361.2 | 315.2 | 287.6 | 272.6 | 261.9 | 244.9 | 228.7 | 214.4 |
| 47.5°  | 416.9 | 446.2 | 402.0 | 334.1 | 287.2 | 261.3 | 248.2 | 238.8 | 227.4 | 211.4 | 198.4 |
| 50°    | 369.7 | 411.5 | 379.3 | 316.0 | 269.7 | 243.8 | 230.9 | 223.3 | 213.3 | 200.8 | 188.5 |
| 52.5°  | 326.1 | 371.1 | 351.8 | 295.7 | 250.6 | 227.0 | 214.4 | 208.1 | 200.2 | 188.4 | 177.2 |
| 55°    | 265.9 | 311.6 | 307.1 | 265.2 | 222.0 | 200.8 | 191.2 | 184.2 | 178.9 | 170.0 | 161.1 |
| 57.5°  | 215.2 | 258.3 | 260.6 | 231.2 | 196.9 | 175.9 | 167.6 | 162.3 | 158.8 | 152.2 | 143.9 |
| 60°    | 183.1 | 222.8 | 230.5 | 208.3 | 178.9 | 160.4 | 152.3 | 148.0 | 145.3 | 139.9 | 133.6 |
| 62.5°  | 156.5 | 190.3 | 199.1 | 183.2 | 161.6 | 144.3 | 137.9 | 133.9 | 132.0 | 127.4 | 121.8 |
| 65°    | 119.8 | 147.8 | 156.3 | 147.5 | 136.2 | 122.4 | 117.2 | 113.7 | 112.0 | 109.5 | 105.4 |
| 67.5°  | 90.1  | 110.5 | 119.9 | 113.6 | 109.5 | 100.8 | 97.5  | 95.6  | 94.1  | 92.4  | 89.0  |
| 70°    | 72.3  | 87.5  | 97.0  | 95.5  | 92.1  | 87.5  | 85.1  | 83.8  | 82.3  | 80.8  | 77.9  |
| 72.5°  | 58.1  | 68.6  | 77.6  | 78.4  | 75.7  | 74.8  | 72.6  | 72.1  | 71.2  | 69.5  | 67.8  |
| 75°    | 38.6  | 45.8  | 52.0  | 54.4  | 55.5  | 56.5  | 55.5  | 55.4  | 55.2  | 53.7  | 52.8  |
| 77.5°  | 25.3  | 29.2  | 33.1  | 37.2  | 39.0  | 40.2  | 40.5  | 41.2  | 40.6  | 39.9  | 39.5  |
| 80°    | 19.4  | 20.3  | 23.1  | 26.5  | 29.3  | 30.4  | 31.2  | 31.5  | 31.4  | 31.2  | 30.4  |
| 82.5°  | 14.1  | 14.8  | 16.2  | 18.6  | 20.9  | 22.7  | 23.2  | 23.1  | 23.5  | 23.7  | 23.1  |
| 85°    | 7.6   | 7.8   | 8.2   | 8.5   | 9.7   | 11.8  | 12.4  | 12.8  | 13.1  | 13.1  | 12.0  |
| 87.5°  | 5.2   | 4.7   | 4.5   | 4.1   | 4.2   | 4.0   | 4.5   | 4.9   | 5.4   | 5.1   | 5.5   |
| 90°    | 14.5  | 12.2  | 9.9   | 7.8   | 6.1   | 4.4   | 2.5   | 0.8   | 2.5   | 4.4   | 6.1   |
| 92.5°  | 16.9  | 15.2  | 13.5  | 12.8  | 13.3  | 13.8  | 14.3  | 14.8  | 14.3  | 13.8  | 13.3  |
| 95°    | 20.8  | 18.9  | 16.9  | 19.6  | 26.8  | 34.1  | 41.3  | 48.6  | 41.3  | 34.1  | 26.8  |
| 97.5°  | 51.1  | 63.8  | 76.5  | 84.5  | 87.8  | 91.0  | 94.3  | 97.5  | 94.3  | 91.0  | 87.8  |
| 100°   | 81.4  | 109.0 | 136.6 | 148.6 | 145.0 | 141.6 | 138.0 | 134.4 | 138.0 | 141.6 | 145.0 |
| 102.5° | 112.6 | 142.8 | 172.9 | 186.6 | 184.1 | 181.6 | 179.0 | 176.5 | 179.0 | 181.6 | 184.1 |
| 105°   | 206.0 | 222.0 | 237.9 | 244.9 | 243.0 | 241.0 | 239.1 | 237.1 | 239.1 | 241.0 | 243.0 |
| 107.5° | 314.3 | 311.9 | 309.3 | 307.3 | 305.8 | 304.2 | 302.6 | 301.1 | 302.6 | 304.2 | 305.8 |
| 110°   | 355.0 | 353.0 | 351.1 | 349.4 | 348.0 | 346.6 | 345.2 | 343.7 | 345.2 | 346.6 | 348.0 |





TEST NUMBER: P332398-927

CATALOG NUMBER: S123RDIW-S340D1030U927-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°   | 105°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 395.1  | 393.1  | 391.2  | 389.6  | 388.3  | 387.0  | 385.7  | 384.4  | 385.7  | 387.0  | 388.3  |
| 115°   | 453.5  | 451.9  | 450.4  | 449.0  | 448.0  | 446.9  | 445.8  | 444.8  | 445.8  | 446.9  | 448.0  |
| 117.5° | 511.1  | 510.3  | 509.5  | 508.4  | 507.1  | 505.8  | 504.5  | 503.2  | 504.5  | 505.8  | 507.1  |
| 120°   | 548.0  | 547.4  | 546.9  | 545.8  | 544.2  | 542.6  | 541.1  | 539.5  | 541.1  | 542.6  | 544.2  |
| 122.5° | 583.9  | 583.3  | 582.6  | 581.6  | 580.3  | 579.0  | 577.7  | 576.4  | 577.7  | 579.0  | 580.3  |
| 125°   | 635.1  | 634.4  | 633.7  | 632.6  | 631.2  | 629.8  | 628.4  | 627.0  | 628.4  | 629.8  | 631.2  |
| 127.5° | 684.5  | 683.7  | 682.8  | 681.7  | 680.2  | 678.8  | 677.4  | 676.0  | 677.4  | 678.8  | 680.2  |
| 130°   | 714.7  | 714.0  | 713.3  | 712.3  | 710.8  | 709.4  | 708.0  | 706.5  | 708.0  | 709.4  | 710.8  |
| 132.5° | 743.6  | 743.1  | 742.5  | 741.5  | 740.1  | 738.6  | 737.3  | 735.9  | 737.3  | 738.6  | 740.1  |
| 135°   | 787.1  | 786.4  | 785.7  | 784.8  | 783.7  | 782.7  | 781.6  | 780.5  | 781.6  | 782.7  | 783.7  |
| 137.5° | 825.8  | 825.4  | 825.0  | 824.1  | 822.8  | 821.4  | 820.1  | 818.7  | 820.1  | 821.4  | 822.8  |
| 140°   | 850.3  | 849.8  | 849.2  | 848.4  | 847.4  | 846.4  | 845.3  | 844.2  | 845.3  | 846.4  | 847.4  |
| 142.5° | 873.9  | 873.3  | 872.8  | 872.0  | 870.9  | 869.9  | 868.8  | 867.8  | 868.8  | 869.9  | 870.9  |
| 145°   | 907.1  | 906.8  | 906.4  | 905.6  | 904.4  | 903.2  | 901.9  | 900.7  | 901.9  | 903.2  | 904.4  |
| 147.5° | 936.3  | 935.9  | 935.6  | 935.0  | 934.1  | 933.3  | 932.6  | 931.8  | 932.6  | 933.3  | 934.1  |
| 150°   | 954.1  | 953.7  | 953.4  | 952.9  | 952.4  | 951.9  | 951.3  | 950.9  | 951.3  | 951.9  | 952.4  |
| 152.5° | 969.6  | 969.5  | 969.2  | 969.0  | 968.8  | 968.5  | 968.3  | 968.0  | 968.3  | 968.5  | 968.8  |
| 155°   | 991.0  | 990.9  | 990.7  | 990.8  | 991.2  | 991.5  | 991.8  | 992.2  | 991.8  | 991.5  | 991.2  |
| 157.5° | 1010.3 | 1010.6 | 1010.7 | 1010.8 | 1010.9 | 1010.9 | 1011.0 | 1011.0 | 1011.0 | 1010.9 | 1010.9 |
| 160°   | 1021.2 | 1021.4 | 1021.5 | 1021.8 | 1021.9 | 1022.1 | 1022.2 | 1022.5 | 1022.2 | 1022.1 | 1021.9 |
| 162.5° | 1030.8 | 1030.9 | 1031.1 | 1031.4 | 1031.9 | 1032.4 | 1032.8 | 1033.2 | 1032.8 | 1032.4 | 1031.9 |
| 165°   | 1043.5 | 1043.6 | 1043.9 | 1044.2 | 1044.7 | 1045.3 | 1045.8 | 1046.3 | 1045.8 | 1045.3 | 1044.7 |
| 167.5° | 1053.3 | 1053.3 | 1053.3 | 1053.7 | 1054.4 | 1055.1 | 1055.8 | 1056.5 | 1055.8 | 1055.1 | 1054.4 |
| 170°   | 1059.1 | 1059.1 | 1059.1 | 1059.4 | 1060.1 | 1060.8 | 1061.5 | 1062.2 | 1061.5 | 1060.8 | 1060.1 |
| 172.5° | 1062.6 | 1062.4 | 1062.3 | 1062.6 | 1063.5 | 1064.4 | 1065.2 | 1066.0 | 1065.2 | 1064.4 | 1063.5 |
| 175°   | 1067.5 | 1067.2 | 1067.1 | 1067.5 | 1068.3 | 1069.2 | 1070.1 | 1071.0 | 1070.1 | 1069.2 | 1068.3 |
| 177.5° | 1069.4 | 1069.3 | 1069.1 | 1069.4 | 1070.2 | 1070.9 | 1071.5 | 1072.2 | 1071.5 | 1070.9 | 1070.2 |
| 180°   | 1071.0 | 1071.0 | 1071.0 | 1071.0 | 1071.0 | 1071.0 | 1071.0 | 1071.0 | 1071.0 | 1071.0 | 1071.0 |



TEST NUMBER: P332398-927

CATALOG NUMBER: S123RDIW-S340D1030U927-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 110°  | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  | 150°  | 155°  | 160°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 431.1 | 431.1 | 431.1 | 431.1 | 431.1 | 431.1 | 431.1 | 431.1 | 431.1 | 431.1 | 431.1 |
| 2.5°   | 423.7 | 421.8 | 420.5 | 417.6 | 415.7 | 413.6 | 411.5 | 412.8 | 412.6 | 412.6 | 412.6 |
| 5°     | 409.6 | 405.3 | 401.4 | 396.4 | 393.3 | 389.4 | 386.5 | 386.1 | 386.8 | 384.3 | 382.8 |
| 7.5°   | 395.5 | 389.7 | 384.1 | 378.7 | 372.8 | 368.1 | 365.3 | 363.8 | 362.0 | 360.4 | 358.8 |
| 10°    | 385.6 | 378.7 | 373.4 | 366.5 | 360.3 | 354.7 | 351.3 | 348.8 | 347.5 | 346.3 | 343.8 |
| 12.5°  | 375.3 | 368.7 | 361.9 | 354.1 | 348.2 | 341.7 | 339.1 | 336.4 | 334.0 | 332.5 | 329.2 |
| 15°    | 360.4 | 351.8 | 344.6 | 336.4 | 329.8 | 323.5 | 319.9 | 314.5 | 313.8 | 311.9 | 308.6 |
| 17.5°  | 345.5 | 336.1 | 326.1 | 320.1 | 312.7 | 306.1 | 300.5 | 298.7 | 293.4 | 291.4 | 288.5 |
| 20°    | 333.7 | 325.0 | 317.4 | 309.5 | 298.7 | 292.6 | 288.1 | 285.7 | 281.5 | 278.8 | 277.0 |
| 22.5°  | 323.5 | 314.7 | 305.9 | 296.7 | 287.7 | 280.8 | 277.6 | 273.9 | 271.6 | 267.9 | 265.9 |
| 25°    | 309.0 | 299.4 | 288.8 | 278.8 | 272.4 | 267.3 | 262.1 | 258.7 | 255.4 | 253.7 | 250.1 |
| 27.5°  | 292.1 | 282.0 | 272.2 | 264.6 | 256.7 | 251.6 | 246.9 | 244.0 | 240.0 | 237.2 | 235.1 |
| 30°    | 282.7 | 270.9 | 262.4 | 255.6 | 245.5 | 240.7 | 237.2 | 233.5 | 230.5 | 227.6 | 225.5 |
| 32.5°  | 272.0 | 261.2 | 253.2 | 244.7 | 236.9 | 231.6 | 227.1 | 223.9 | 221.3 | 218.6 | 216.5 |
| 35°    | 255.1 | 246.1 | 237.7 | 229.3 | 223.5 | 218.2 | 212.8 | 210.0 | 207.6 | 205.0 | 203.2 |
| 37.5°  | 239.8 | 231.3 | 223.4 | 215.4 | 208.3 | 203.9 | 199.6 | 197.5 | 194.2 | 192.5 | 190.7 |
| 40°    | 230.4 | 222.0 | 213.6 | 205.8 | 198.4 | 195.1 | 191.2 | 188.1 | 185.1 | 183.8 | 181.8 |
| 42.5°  | 220.0 | 211.7 | 204.5 | 196.2 | 190.1 | 185.6 | 182.0 | 178.6 | 176.4 | 174.5 | 173.4 |
| 45°    | 204.7 | 197.3 | 190.3 | 182.0 | 176.3 | 172.4 | 168.3 | 165.2 | 163.2 | 161.8 | 159.9 |
| 47.5°  | 189.8 | 182.4 | 175.3 | 168.1 | 162.6 | 158.1 | 154.0 | 151.9 | 149.2 | 147.6 | 146.2 |
| 50°    | 179.0 | 172.4 | 164.9 | 158.2 | 152.7 | 148.2 | 144.9 | 142.1 | 139.7 | 137.7 | 136.7 |
| 52.5°  | 169.1 | 162.1 | 155.5 | 149.3 | 143.5 | 138.5 | 135.5 | 132.5 | 130.7 | 128.4 | 127.3 |
| 55°    | 152.8 | 146.0 | 140.5 | 134.4 | 128.7 | 124.4 | 120.7 | 118.1 | 116.3 | 113.7 | 112.3 |
| 57.5°  | 137.5 | 131.3 | 124.8 | 119.5 | 113.6 | 110.0 | 106.9 | 103.5 | 101.2 | 99.2  | 97.7  |
| 60°    | 127.1 | 120.2 | 114.4 | 109.5 | 104.3 | 99.7  | 96.9  | 94.1  | 91.7  | 89.7  | 88.4  |
| 62.5°  | 116.4 | 110.3 | 104.8 | 99.4  | 94.7  | 90.6  | 87.5  | 85.2  | 83.0  | 81.8  | 80.4  |
| 65°    | 99.8  | 95.1  | 89.5  | 85.1  | 80.6  | 77.7  | 75.1  | 73.1  | 71.6  | 70.7  | 69.6  |
| 67.5°  | 84.6  | 80.0  | 75.2  | 70.8  | 67.8  | 65.6  | 63.9  | 62.2  | 61.4  | 60.2  | 59.5  |
| 70°    | 74.8  | 69.9  | 65.7  | 62.3  | 59.4  | 57.8  | 56.6  | 55.4  | 54.7  | 53.2  | 52.4  |
| 72.5°  | 64.0  | 60.5  | 57.4  | 54.7  | 52.4  | 50.9  | 49.4  | 47.8  | 46.7  | 45.0  | 44.3  |
| 75°    | 50.4  | 47.2  | 44.8  | 43.0  | 41.5  | 39.5  | 37.5  | 35.8  | 35.3  | 34.7  | 34.5  |
| 77.5°  | 37.3  | 35.3  | 33.6  | 32.0  | 30.2  | 28.8  | 28.3  | 27.9  | 27.8  | 27.5  | 27.5  |
| 80°    | 29.3  | 27.5  | 26.2  | 24.4  | 23.3  | 23.3  | 23.3  | 22.9  | 23.1  | 23.1  | 23.1  |
| 82.5°  | 21.8  | 20.1  | 19.4  | 18.8  | 18.5  | 18.7  | 18.7  | 18.8  | 18.6  | 18.9  | 18.8  |
| 85°    | 11.2  | 11.4  | 11.8  | 11.6  | 11.8  | 11.8  | 12.2  | 12.0  | 12.2  | 11.8  | 12.2  |
| 87.5°  | 5.7   | 6.6   | 7.1   | 7.8   | 8.4   | 8.7   | 9.0   | 9.1   | 9.4   | 9.6   | 9.7   |
| 90°    | 7.8   | 9.9   | 12.2  | 14.5  | 16.8  | 19.1  | 19.8  | 20.5  | 21.2  | 21.9  | 22.4  |
| 92.5°  | 12.8  | 13.5  | 15.2  | 16.9  | 18.6  | 20.4  | 21.5  | 22.7  | 23.8  | 24.9  | 25.6  |
| 95°    | 19.6  | 16.9  | 18.9  | 20.8  | 22.7  | 24.6  | 25.9  | 27.2  | 28.4  | 29.6  | 30.3  |
| 97.5°  | 84.5  | 76.5  | 63.8  | 51.1  | 38.3  | 25.6  | 27.0  | 28.4  | 29.9  | 31.3  | 32.1  |
| 100°   | 148.6 | 136.6 | 109.0 | 81.4  | 53.9  | 26.2  | 27.6  | 29.1  | 30.5  | 31.9  | 32.7  |
| 102.5° | 186.6 | 172.9 | 142.8 | 112.6 | 82.5  | 52.4  | 48.0  | 43.6  | 39.2  | 34.8  | 32.8  |
| 105°   | 244.9 | 237.9 | 222.0 | 206.0 | 190.2 | 174.3 | 143.0 | 111.7 | 80.3  | 49.0  | 33.6  |
| 107.5° | 307.3 | 309.3 | 311.9 | 314.3 | 316.9 | 319.4 | 296.4 | 273.5 | 250.6 | 227.6 | 204.3 |
| 110°   | 349.4 | 351.1 | 353.0 | 355.0 | 356.9 | 358.9 | 353.0 | 347.2 | 341.4 | 335.5 | 320.0 |



TEST NUMBER: P332398-927

CATALOG NUMBER: S123RDIW-S340D1030U927-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   | 160°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 389.6  | 391.2  | 393.1  | 395.1  | 397.0  | 398.9  | 399.0  | 399.2  | 399.3  | 399.3  | 396.7  |
| 115°   | 449.0  | 450.4  | 451.9  | 453.5  | 455.1  | 456.7  | 458.5  | 460.3  | 462.0  | 463.8  | 465.0  |
| 117.5° | 508.4  | 509.5  | 510.3  | 511.1  | 511.9  | 512.7  | 514.1  | 515.6  | 517.0  | 518.4  | 519.2  |
| 120°   | 545.8  | 546.9  | 547.4  | 548.0  | 548.5  | 549.0  | 550.4  | 551.8  | 553.3  | 554.7  | 555.4  |
| 122.5° | 581.6  | 582.6  | 583.3  | 583.9  | 584.6  | 585.3  | 586.3  | 587.2  | 588.3  | 589.2  | 589.9  |
| 125°   | 632.6  | 633.7  | 634.4  | 635.1  | 635.8  | 636.5  | 636.9  | 637.2  | 637.6  | 637.9  | 638.3  |
| 127.5° | 681.7  | 682.8  | 683.7  | 684.5  | 685.3  | 686.2  | 686.7  | 687.3  | 687.9  | 688.5  | 688.6  |
| 130°   | 712.3  | 713.3  | 714.0  | 714.7  | 715.4  | 716.1  | 716.8  | 717.6  | 718.2  | 718.9  | 719.1  |
| 132.5° | 741.5  | 742.5  | 743.1  | 743.6  | 744.2  | 744.7  | 745.4  | 746.2  | 746.9  | 747.6  | 747.7  |
| 135°   | 784.8  | 785.7  | 786.4  | 787.1  | 787.8  | 788.5  | 789.0  | 789.6  | 790.1  | 790.6  | 790.6  |
| 137.5° | 824.1  | 825.0  | 825.4  | 825.8  | 826.2  | 826.6  | 827.4  | 828.2  | 829.1  | 830.0  | 830.2  |
| 140°   | 848.4  | 849.2  | 849.8  | 850.3  | 850.8  | 851.4  | 852.1  | 852.8  | 853.5  | 854.2  | 854.4  |
| 142.5° | 872.0  | 872.8  | 873.3  | 873.9  | 874.4  | 874.9  | 875.5  | 876.1  | 876.6  | 877.2  | 877.2  |
| 145°   | 905.6  | 906.4  | 906.8  | 907.1  | 907.5  | 907.8  | 908.2  | 908.6  | 908.9  | 909.3  | 909.4  |
| 147.5° | 935.0  | 935.6  | 935.9  | 936.3  | 936.6  | 937.0  | 937.3  | 937.7  | 938.0  | 938.4  | 938.2  |
| 150°   | 952.9  | 953.4  | 953.7  | 954.1  | 954.4  | 954.8  | 955.1  | 955.5  | 955.8  | 956.2  | 956.2  |
| 152.5° | 969.0  | 969.2  | 969.5  | 969.6  | 969.9  | 970.1  | 970.7  | 971.4  | 972.0  | 972.6  | 972.6  |
| 155°   | 990.8  | 990.7  | 990.9  | 991.0  | 991.3  | 991.4  | 992.3  | 993.2  | 994.0  | 995.0  | 994.8  |
| 157.5° | 1010.8 | 1010.7 | 1010.6 | 1010.3 | 1010.2 | 1010.0 | 1011.1 | 1012.2 | 1013.2 | 1014.2 | 1014.1 |
| 160°   | 1021.8 | 1021.5 | 1021.4 | 1021.2 | 1021.0 | 1020.9 | 1021.9 | 1022.9 | 1024.1 | 1025.1 | 1025.0 |
| 162.5° | 1031.4 | 1031.1 | 1030.9 | 1030.8 | 1030.5 | 1030.4 | 1031.6 | 1032.8 | 1034.0 | 1035.2 | 1035.2 |
| 165°   | 1044.2 | 1043.9 | 1043.6 | 1043.5 | 1043.3 | 1043.1 | 1044.6 | 1045.9 | 1047.3 | 1048.8 | 1048.8 |
| 167.5° | 1053.7 | 1053.3 | 1053.3 | 1053.3 | 1053.3 | 1053.3 | 1054.7 | 1056.1 | 1057.6 | 1059.0 | 1059.0 |
| 170°   | 1059.4 | 1059.1 | 1059.1 | 1059.1 | 1059.1 | 1059.1 | 1060.4 | 1061.8 | 1063.3 | 1064.7 | 1064.7 |
| 172.5° | 1062.6 | 1062.3 | 1062.4 | 1062.6 | 1062.7 | 1062.9 | 1064.3 | 1065.7 | 1067.1 | 1068.5 | 1068.4 |
| 175°   | 1067.5 | 1067.1 | 1067.2 | 1067.5 | 1067.6 | 1067.8 | 1069.1 | 1070.2 | 1071.5 | 1072.8 | 1072.7 |
| 177.5° | 1069.4 | 1069.1 | 1069.3 | 1069.4 | 1069.5 | 1069.7 | 1070.9 | 1072.0 | 1073.1 | 1074.2 | 1074.1 |
| 180°   | 1071.0 | 1071.0 | 1071.0 | 1071.0 | 1071.0 | 1071.0 | 1071.0 | 1071.0 | 1071.0 | 1071.0 | 1071.0 |



TEST NUMBER: P332398-927

CATALOG NUMBER: S123RDIW-S340D1030U927-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  | 200°  | 205°  | 210°  | 215°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 431.1 | 431.1 | 431.1 | 431.1 | 431.1 | 431.1 | 431.1 | 431.1 | 431.1 | 431.1 | 431.1 |
| 2.5°   | 410.7 | 410.6 | 410.7 | 410.2 | 410.7 | 410.6 | 410.7 | 412.6 | 412.6 | 412.6 | 412.8 |
| 5°     | 382.2 | 382.1 | 381.5 | 379.9 | 381.5 | 382.1 | 382.2 | 382.8 | 384.3 | 386.8 | 386.1 |
| 7.5°   | 357.3 | 357.0 | 355.5 | 355.5 | 355.5 | 357.0 | 357.3 | 358.8 | 360.4 | 362.0 | 363.8 |
| 10°    | 342.5 | 342.7 | 340.5 | 339.2 | 340.5 | 342.7 | 342.5 | 343.8 | 346.3 | 347.5 | 348.8 |
| 12.5°  | 328.2 | 327.4 | 325.6 | 324.2 | 325.6 | 327.4 | 328.2 | 329.2 | 332.5 | 334.0 | 336.4 |
| 15°    | 309.3 | 307.4 | 303.1 | 303.4 | 303.1 | 307.4 | 309.3 | 308.6 | 311.9 | 313.8 | 314.5 |
| 17.5°  | 287.1 | 285.7 | 285.7 | 283.0 | 285.7 | 285.7 | 287.1 | 288.5 | 291.4 | 293.4 | 298.7 |
| 20°    | 274.1 | 273.1 | 273.5 | 270.9 | 273.5 | 273.1 | 274.1 | 277.0 | 278.8 | 281.5 | 285.7 |
| 22.5°  | 263.9 | 262.9 | 261.4 | 260.6 | 261.4 | 262.9 | 263.9 | 265.9 | 267.9 | 271.6 | 273.9 |
| 25°    | 249.0 | 247.5 | 246.1 | 246.9 | 246.1 | 247.5 | 249.0 | 250.1 | 253.7 | 255.4 | 258.7 |
| 27.5°  | 234.1 | 233.0 | 231.5 | 231.3 | 231.5 | 233.0 | 234.1 | 235.1 | 237.2 | 240.0 | 244.0 |
| 30°    | 224.6 | 223.5 | 222.8 | 221.8 | 222.8 | 223.5 | 224.6 | 225.5 | 227.6 | 230.5 | 233.5 |
| 32.5°  | 215.0 | 214.8 | 213.5 | 213.3 | 213.5 | 214.8 | 215.0 | 216.5 | 218.6 | 221.3 | 223.9 |
| 35°    | 202.5 | 201.4 | 201.0 | 201.1 | 201.0 | 201.4 | 202.5 | 203.2 | 205.0 | 207.6 | 210.0 |
| 37.5°  | 190.5 | 189.1 | 188.4 | 187.7 | 188.4 | 189.1 | 190.5 | 190.7 | 192.5 | 194.2 | 197.5 |
| 40°    | 182.0 | 180.5 | 180.1 | 179.7 | 180.1 | 180.5 | 182.0 | 181.8 | 183.8 | 185.1 | 188.1 |
| 42.5°  | 172.4 | 171.8 | 171.6 | 170.9 | 171.6 | 171.8 | 172.4 | 173.4 | 174.5 | 176.4 | 178.6 |
| 45°    | 159.3 | 159.1 | 158.0 | 158.4 | 158.0 | 159.1 | 159.3 | 159.9 | 161.8 | 163.2 | 165.2 |
| 47.5°  | 145.4 | 144.7 | 143.9 | 144.4 | 143.9 | 144.7 | 145.4 | 146.2 | 147.6 | 149.2 | 151.9 |
| 50°    | 136.0 | 135.6 | 134.0 | 134.4 | 134.0 | 135.6 | 136.0 | 136.7 | 137.7 | 139.7 | 142.1 |
| 52.5°  | 126.6 | 125.2 | 124.5 | 124.3 | 124.5 | 125.2 | 126.6 | 127.3 | 128.4 | 130.7 | 132.5 |
| 55°    | 110.9 | 109.2 | 108.5 | 108.1 | 108.5 | 109.2 | 110.9 | 112.3 | 113.7 | 116.3 | 118.1 |
| 57.5°  | 95.5  | 95.1  | 94.5  | 94.9  | 94.5  | 95.1  | 95.5  | 97.7  | 99.2  | 101.2 | 103.5 |
| 60°    | 86.6  | 86.6  | 86.6  | 86.3  | 86.6  | 86.6  | 86.6  | 88.4  | 89.7  | 91.7  | 94.1  |
| 62.5°  | 79.6  | 79.1  | 79.1  | 79.3  | 79.1  | 79.1  | 79.6  | 80.4  | 81.8  | 83.0  | 85.2  |
| 65°    | 69.0  | 68.8  | 68.1  | 67.9  | 68.1  | 68.8  | 69.0  | 69.6  | 70.7  | 71.6  | 73.1  |
| 67.5°  | 59.0  | 58.4  | 58.1  | 57.9  | 58.1  | 58.4  | 59.0  | 59.5  | 60.2  | 61.4  | 62.2  |
| 70°    | 51.5  | 51.1  | 50.0  | 50.2  | 50.0  | 51.1  | 51.5  | 52.4  | 53.2  | 54.7  | 55.4  |
| 72.5°  | 43.4  | 43.0  | 42.8  | 42.5  | 42.8  | 43.0  | 43.4  | 44.3  | 45.0  | 46.7  | 47.8  |
| 75°    | 34.3  | 34.1  | 34.0  | 34.7  | 34.0  | 34.1  | 34.3  | 34.5  | 34.7  | 35.3  | 35.8  |
| 77.5°  | 27.5  | 27.5  | 27.6  | 27.3  | 27.6  | 27.5  | 27.5  | 27.5  | 27.5  | 27.8  | 27.9  |
| 80°    | 23.1  | 23.1  | 22.9  | 22.9  | 22.9  | 23.1  | 23.1  | 23.1  | 23.1  | 23.1  | 22.9  |
| 82.5°  | 18.5  | 18.6  | 18.8  | 18.5  | 18.8  | 18.6  | 18.5  | 18.8  | 18.9  | 18.6  | 18.8  |
| 85°    | 12.2  | 12.0  | 12.4  | 12.2  | 12.4  | 12.0  | 12.2  | 12.2  | 11.8  | 12.2  | 12.0  |
| 87.5°  | 10.1  | 9.8   | 9.9   | 10.1  | 9.9   | 9.8   | 10.1  | 9.7   | 9.6   | 9.4   | 9.1   |
| 90°    | 22.8  | 23.1  | 23.5  | 23.8  | 23.5  | 23.1  | 22.8  | 22.4  | 21.9  | 21.2  | 20.5  |
| 92.5°  | 25.7  | 26.0  | 26.2  | 26.4  | 26.2  | 26.0  | 25.7  | 25.6  | 24.9  | 23.8  | 22.7  |
| 95°    | 30.3  | 30.3  | 30.3  | 30.3  | 30.3  | 30.3  | 30.3  | 30.3  | 29.6  | 28.4  | 27.2  |
| 97.5°  | 32.2  | 32.4  | 32.6  | 32.8  | 32.6  | 32.4  | 32.2  | 32.1  | 31.3  | 29.9  | 28.4  |
| 100°   | 32.9  | 33.0  | 33.3  | 33.4  | 33.3  | 33.0  | 32.9  | 32.7  | 31.9  | 30.5  | 29.1  |
| 102.5° | 33.1  | 33.4  | 33.7  | 34.1  | 33.7  | 33.4  | 33.1  | 32.8  | 34.8  | 39.2  | 43.6  |
| 105°   | 34.0  | 34.3  | 34.6  | 35.0  | 34.6  | 34.3  | 34.0  | 33.6  | 49.0  | 80.3  | 111.7 |
| 107.5° | 180.7 | 157.2 | 133.6 | 110.0 | 133.6 | 157.2 | 180.7 | 204.3 | 227.6 | 250.6 | 273.5 |
| 110°   | 294.7 | 269.3 | 244.1 | 218.8 | 244.1 | 269.3 | 294.7 | 320.0 | 335.5 | 341.4 | 347.2 |



TEST NUMBER: P332398-927

CATALOG NUMBER: S123RDIW-S340D1030U927-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 391.4  | 386.1  | 380.7  | 375.4  | 380.7  | 386.1  | 391.4  | 396.7  | 399.3  | 399.3  | 399.2  |
| 115°   | 465.7  | 466.4  | 467.1  | 467.9  | 467.1  | 466.4  | 465.7  | 465.0  | 463.8  | 462.0  | 460.3  |
| 117.5° | 519.3  | 519.4  | 519.6  | 519.8  | 519.6  | 519.4  | 519.3  | 519.2  | 518.4  | 517.0  | 515.6  |
| 120°   | 555.4  | 555.4  | 555.4  | 555.4  | 555.4  | 555.4  | 555.4  | 555.4  | 554.7  | 553.3  | 551.8  |
| 122.5° | 589.9  | 590.1  | 590.3  | 590.4  | 590.3  | 590.1  | 589.9  | 589.9  | 589.2  | 588.3  | 587.2  |
| 125°   | 638.7  | 639.0  | 639.4  | 639.7  | 639.4  | 639.0  | 638.7  | 638.3  | 637.9  | 637.6  | 637.2  |
| 127.5° | 688.2  | 687.9  | 687.5  | 687.1  | 687.5  | 687.9  | 688.2  | 688.6  | 688.5  | 687.9  | 687.3  |
| 130°   | 718.7  | 718.4  | 718.0  | 717.7  | 718.0  | 718.4  | 718.7  | 719.1  | 718.9  | 718.2  | 717.6  |
| 132.5° | 747.2  | 746.7  | 746.2  | 745.7  | 746.2  | 746.7  | 747.2  | 747.7  | 747.6  | 746.9  | 746.2  |
| 135°   | 790.1  | 789.6  | 789.0  | 788.5  | 789.0  | 789.6  | 790.1  | 790.6  | 790.6  | 790.1  | 789.6  |
| 137.5° | 829.8  | 829.5  | 829.1  | 828.8  | 829.1  | 829.5  | 829.8  | 830.2  | 830.0  | 829.1  | 828.2  |
| 140°   | 854.1  | 853.7  | 853.3  | 852.9  | 853.3  | 853.7  | 854.1  | 854.4  | 854.2  | 853.5  | 852.8  |
| 142.5° | 876.7  | 876.2  | 875.8  | 875.2  | 875.8  | 876.2  | 876.7  | 877.2  | 877.2  | 876.6  | 876.1  |
| 145°   | 909.4  | 909.4  | 909.4  | 909.4  | 909.4  | 909.4  | 909.4  | 909.4  | 909.3  | 908.9  | 908.6  |
| 147.5° | 937.4  | 936.5  | 935.7  | 934.9  | 935.7  | 936.5  | 937.4  | 938.2  | 938.4  | 938.0  | 937.7  |
| 150°   | 955.6  | 955.1  | 954.6  | 954.0  | 954.6  | 955.1  | 955.6  | 956.2  | 956.2  | 955.8  | 955.5  |
| 152.5° | 971.7  | 970.9  | 970.1  | 969.3  | 970.1  | 970.9  | 971.7  | 972.6  | 972.6  | 972.0  | 971.4  |
| 155°   | 993.8  | 992.8  | 991.7  | 990.6  | 991.7  | 992.8  | 993.8  | 994.8  | 995.0  | 994.0  | 993.2  |
| 157.5° | 1012.7 | 1011.4 | 1010.0 | 1008.6 | 1010.0 | 1011.4 | 1012.7 | 1014.1 | 1014.2 | 1013.2 | 1012.2 |
| 160°   | 1023.7 | 1022.5 | 1021.3 | 1020.0 | 1021.3 | 1022.5 | 1023.7 | 1025.0 | 1025.1 | 1024.1 | 1022.9 |
| 162.5° | 1034.2 | 1033.1 | 1032.0 | 1030.9 | 1032.0 | 1033.1 | 1034.2 | 1035.2 | 1035.2 | 1034.0 | 1032.8 |
| 165°   | 1047.7 | 1046.4 | 1045.1 | 1043.9 | 1045.1 | 1046.4 | 1047.7 | 1048.8 | 1048.8 | 1047.3 | 1045.9 |
| 167.5° | 1057.6 | 1056.1 | 1054.7 | 1053.3 | 1054.7 | 1056.1 | 1057.6 | 1059.0 | 1059.0 | 1057.6 | 1056.1 |
| 170°   | 1063.3 | 1061.8 | 1060.4 | 1059.1 | 1060.4 | 1061.8 | 1063.3 | 1064.7 | 1064.7 | 1063.3 | 1061.8 |
| 172.5° | 1066.9 | 1065.3 | 1063.7 | 1062.2 | 1063.7 | 1065.3 | 1066.9 | 1068.4 | 1068.5 | 1067.1 | 1065.7 |
| 175°   | 1071.3 | 1069.8 | 1068.4 | 1067.0 | 1068.4 | 1069.8 | 1071.3 | 1072.7 | 1072.8 | 1071.5 | 1070.2 |
| 177.5° | 1072.7 | 1071.3 | 1069.8 | 1068.4 | 1069.8 | 1071.3 | 1072.7 | 1074.1 | 1074.2 | 1073.1 | 1072.0 |
| 180°   | 1071.0 | 1071.0 | 1071.0 | 1071.0 | 1071.0 | 1071.0 | 1071.0 | 1071.0 | 1071.0 | 1071.0 | 1071.0 |



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CATALOG NUMBER: S123RDIW-S340D1030U927-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  | 250°  | 255°  | 260°  | 265°  | 270°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 431.1 | 431.1 | 431.1 | 431.1 | 431.1 | 431.1 | 431.1 | 431.1 | 431.1 | 431.1 | 431.1 |
| 2.5°   | 411.5 | 413.6 | 415.7 | 417.6 | 420.5 | 421.8 | 423.7 | 424.5 | 426.7 | 429.9 | 432.6 |
| 5°     | 386.5 | 389.4 | 393.3 | 396.4 | 401.4 | 405.3 | 409.6 | 413.6 | 418.4 | 425.2 | 431.3 |
| 7.5°   | 365.3 | 368.1 | 372.8 | 378.7 | 384.1 | 389.7 | 395.5 | 401.0 | 407.8 | 417.6 | 427.3 |
| 10°    | 351.3 | 354.7 | 360.3 | 366.5 | 373.4 | 378.7 | 385.6 | 392.5 | 401.1 | 412.3 | 424.0 |
| 12.5°  | 339.1 | 341.7 | 348.2 | 354.1 | 361.9 | 368.7 | 375.3 | 383.6 | 393.2 | 405.2 | 419.2 |
| 15°    | 319.9 | 323.5 | 329.8 | 336.4 | 344.6 | 351.8 | 360.4 | 370.4 | 379.9 | 394.6 | 411.5 |
| 17.5°  | 300.5 | 306.1 | 312.7 | 320.1 | 326.1 | 336.1 | 345.5 | 355.7 | 367.3 | 382.9 | 401.6 |
| 20°    | 288.1 | 292.6 | 298.7 | 309.5 | 317.4 | 325.0 | 333.7 | 346.4 | 357.1 | 374.9 | 394.2 |
| 22.5°  | 277.6 | 280.8 | 287.7 | 296.7 | 305.9 | 314.7 | 323.5 | 335.6 | 348.9 | 365.7 | 386.7 |
| 25°    | 262.1 | 267.3 | 272.4 | 278.8 | 288.8 | 299.4 | 309.0 | 319.3 | 333.4 | 351.3 | 373.9 |
| 27.5°  | 246.9 | 251.6 | 256.7 | 264.6 | 272.2 | 282.0 | 292.1 | 303.9 | 318.9 | 337.9 | 360.9 |
| 30°    | 237.2 | 240.7 | 245.5 | 255.6 | 262.4 | 270.9 | 282.7 | 293.3 | 307.3 | 327.4 | 351.8 |
| 32.5°  | 227.1 | 231.6 | 236.9 | 244.7 | 253.2 | 261.2 | 272.0 | 283.4 | 297.7 | 317.5 | 342.5 |
| 35°    | 212.8 | 218.2 | 223.5 | 229.3 | 237.7 | 246.1 | 255.1 | 267.6 | 282.2 | 301.4 | 325.9 |
| 37.5°  | 199.6 | 203.9 | 208.3 | 215.4 | 223.4 | 231.3 | 239.8 | 252.2 | 265.9 | 286.6 | 309.1 |
| 40°    | 191.2 | 195.1 | 198.4 | 205.8 | 213.6 | 222.0 | 230.4 | 241.2 | 256.0 | 275.4 | 297.1 |
| 42.5°  | 182.0 | 185.6 | 190.1 | 196.2 | 204.5 | 211.7 | 220.0 | 230.3 | 244.2 | 263.9 | 283.0 |
| 45°    | 168.3 | 172.4 | 176.3 | 182.0 | 190.3 | 197.3 | 204.7 | 214.4 | 228.7 | 244.9 | 261.9 |
| 47.5°  | 154.0 | 158.1 | 162.6 | 168.1 | 175.3 | 182.4 | 189.8 | 198.4 | 211.4 | 227.4 | 238.8 |
| 50°    | 144.9 | 148.2 | 152.7 | 158.2 | 164.9 | 172.4 | 179.0 | 188.5 | 200.8 | 213.3 | 223.3 |
| 52.5°  | 135.5 | 138.5 | 143.5 | 149.3 | 155.5 | 162.1 | 169.1 | 177.2 | 188.4 | 200.2 | 208.1 |
| 55°    | 120.7 | 124.4 | 128.7 | 134.4 | 140.5 | 146.0 | 152.8 | 161.1 | 170.0 | 178.9 | 184.2 |
| 57.5°  | 106.9 | 110.0 | 113.6 | 119.5 | 124.8 | 131.3 | 137.5 | 143.9 | 152.2 | 158.8 | 162.3 |
| 60°    | 96.9  | 99.7  | 104.3 | 109.5 | 114.4 | 120.2 | 127.1 | 133.6 | 139.9 | 145.3 | 148.0 |
| 62.5°  | 87.5  | 90.6  | 94.7  | 99.4  | 104.8 | 110.3 | 116.4 | 121.8 | 127.4 | 132.0 | 133.9 |
| 65°    | 75.1  | 77.7  | 80.6  | 85.1  | 89.5  | 95.1  | 99.8  | 105.4 | 109.5 | 112.0 | 113.7 |
| 67.5°  | 63.9  | 65.6  | 67.8  | 70.8  | 75.2  | 80.0  | 84.6  | 89.0  | 92.4  | 94.1  | 95.6  |
| 70°    | 56.6  | 57.8  | 59.4  | 62.3  | 65.7  | 69.9  | 74.8  | 77.9  | 80.8  | 82.3  | 83.8  |
| 72.5°  | 49.4  | 50.9  | 52.4  | 54.7  | 57.4  | 60.5  | 64.0  | 67.8  | 69.5  | 71.2  | 72.1  |
| 75°    | 37.5  | 39.5  | 41.5  | 43.0  | 44.8  | 47.2  | 50.4  | 52.8  | 53.7  | 55.2  | 55.4  |
| 77.5°  | 28.3  | 28.8  | 30.2  | 32.0  | 33.6  | 35.3  | 37.3  | 39.5  | 39.9  | 40.6  | 41.2  |
| 80°    | 23.3  | 23.3  | 23.3  | 24.4  | 26.2  | 27.5  | 29.3  | 30.4  | 31.2  | 31.4  | 31.5  |
| 82.5°  | 18.7  | 18.7  | 18.5  | 18.8  | 19.4  | 20.1  | 21.8  | 23.1  | 23.7  | 23.5  | 23.1  |
| 85°    | 12.2  | 11.8  | 11.8  | 11.6  | 11.8  | 11.4  | 11.2  | 12.0  | 13.1  | 13.1  | 12.8  |
| 87.5°  | 9.0   | 8.7   | 8.4   | 7.8   | 7.1   | 6.6   | 5.7   | 5.5   | 5.1   | 5.4   | 4.9   |
| 90°    | 19.8  | 19.1  | 16.8  | 14.5  | 12.2  | 9.9   | 7.8   | 6.1   | 4.4   | 2.5   | 0.8   |
| 92.5°  | 21.5  | 20.4  | 18.6  | 16.9  | 15.2  | 13.5  | 12.8  | 13.3  | 13.8  | 14.3  | 14.8  |
| 95°    | 25.9  | 24.6  | 22.7  | 20.8  | 18.9  | 16.9  | 19.6  | 26.8  | 34.1  | 41.3  | 48.6  |
| 97.5°  | 27.0  | 25.6  | 38.3  | 51.1  | 63.8  | 76.5  | 84.5  | 87.8  | 91.0  | 94.3  | 97.5  |
| 100°   | 27.6  | 26.2  | 53.9  | 81.4  | 109.0 | 136.6 | 148.6 | 145.0 | 141.6 | 138.0 | 134.4 |
| 102.5° | 48.0  | 52.4  | 82.5  | 112.6 | 142.8 | 172.9 | 186.6 | 184.1 | 181.6 | 179.0 | 176.5 |
| 105°   | 143.0 | 174.3 | 190.2 | 206.0 | 222.0 | 237.9 | 244.9 | 243.0 | 241.0 | 239.1 | 237.1 |
| 107.5° | 296.4 | 319.4 | 316.9 | 314.3 | 311.9 | 309.3 | 307.3 | 305.8 | 304.2 | 302.6 | 301.1 |
| 110°   | 353.0 | 358.9 | 356.9 | 355.0 | 353.0 | 351.1 | 349.4 | 348.0 | 346.6 | 345.2 | 343.7 |



TEST NUMBER: P332398-927

CATALOG NUMBER: S123RDIW-S340D1030U927-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°   | 265°   | 270°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 399.0  | 398.9  | 397.0  | 395.1  | 393.1  | 391.2  | 389.6  | 388.3  | 387.0  | 385.7  | 384.4  |
| 115°   | 458.5  | 456.7  | 455.1  | 453.5  | 451.9  | 450.4  | 449.0  | 448.0  | 446.9  | 445.8  | 444.8  |
| 117.5° | 514.1  | 512.7  | 511.9  | 511.1  | 510.3  | 509.5  | 508.4  | 507.1  | 505.8  | 504.5  | 503.2  |
| 120°   | 550.4  | 549.0  | 548.5  | 548.0  | 547.4  | 546.9  | 545.8  | 544.2  | 542.6  | 541.1  | 539.5  |
| 122.5° | 586.3  | 585.3  | 584.6  | 583.9  | 583.3  | 582.6  | 581.6  | 580.3  | 579.0  | 577.7  | 576.4  |
| 125°   | 636.9  | 636.5  | 635.8  | 635.1  | 634.4  | 633.7  | 632.6  | 631.2  | 629.8  | 628.4  | 627.0  |
| 127.5° | 686.7  | 686.2  | 685.3  | 684.5  | 683.7  | 682.8  | 681.7  | 680.2  | 678.8  | 677.4  | 676.0  |
| 130°   | 716.8  | 716.1  | 715.4  | 714.7  | 714.0  | 713.3  | 712.3  | 710.8  | 709.4  | 708.0  | 706.5  |
| 132.5° | 745.4  | 744.7  | 744.2  | 743.6  | 743.1  | 742.5  | 741.5  | 740.1  | 738.6  | 737.3  | 735.9  |
| 135°   | 789.0  | 788.5  | 787.8  | 787.1  | 786.4  | 785.7  | 784.8  | 783.7  | 782.7  | 781.6  | 780.5  |
| 137.5° | 827.4  | 826.6  | 826.2  | 825.8  | 825.4  | 825.0  | 824.1  | 822.8  | 821.4  | 820.1  | 818.7  |
| 140°   | 852.1  | 851.4  | 850.8  | 850.3  | 849.8  | 849.2  | 848.4  | 847.4  | 846.4  | 845.3  | 844.2  |
| 142.5° | 875.5  | 874.9  | 874.4  | 873.9  | 873.3  | 872.8  | 872.0  | 870.9  | 869.9  | 868.8  | 867.8  |
| 145°   | 908.2  | 907.8  | 907.5  | 907.1  | 906.8  | 906.4  | 905.6  | 904.4  | 903.2  | 901.9  | 900.7  |
| 147.5° | 937.3  | 937.0  | 936.6  | 936.3  | 935.9  | 935.6  | 935.0  | 934.1  | 933.3  | 932.6  | 931.8  |
| 150°   | 955.1  | 954.8  | 954.4  | 954.1  | 953.7  | 953.4  | 952.9  | 952.4  | 951.9  | 951.3  | 950.9  |
| 152.5° | 970.7  | 970.1  | 969.9  | 969.6  | 969.5  | 969.2  | 969.0  | 968.8  | 968.5  | 968.3  | 968.0  |
| 155°   | 992.3  | 991.4  | 991.3  | 991.0  | 990.9  | 990.7  | 990.8  | 991.2  | 991.5  | 991.8  | 992.2  |
| 157.5° | 1011.1 | 1010.0 | 1010.2 | 1010.3 | 1010.6 | 1010.7 | 1010.8 | 1010.9 | 1010.9 | 1011.0 | 1011.0 |
| 160°   | 1021.9 | 1020.9 | 1021.0 | 1021.2 | 1021.4 | 1021.5 | 1021.8 | 1021.9 | 1022.1 | 1022.2 | 1022.5 |
| 162.5° | 1031.6 | 1030.4 | 1030.5 | 1030.8 | 1030.9 | 1031.1 | 1031.4 | 1031.9 | 1032.4 | 1032.8 | 1033.2 |
| 165°   | 1044.6 | 1043.1 | 1043.3 | 1043.5 | 1043.6 | 1043.9 | 1044.2 | 1044.7 | 1045.3 | 1045.8 | 1046.3 |
| 167.5° | 1054.7 | 1053.3 | 1053.3 | 1053.3 | 1053.3 | 1053.3 | 1053.7 | 1054.4 | 1055.1 | 1055.8 | 1056.5 |
| 170°   | 1060.4 | 1059.1 | 1059.1 | 1059.1 | 1059.1 | 1059.1 | 1059.4 | 1060.1 | 1060.8 | 1061.5 | 1062.2 |
| 172.5° | 1064.3 | 1062.9 | 1062.7 | 1062.6 | 1062.4 | 1062.3 | 1062.6 | 1063.5 | 1064.4 | 1065.2 | 1066.0 |
| 175°   | 1069.1 | 1067.8 | 1067.6 | 1067.5 | 1067.2 | 1067.1 | 1067.5 | 1068.3 | 1069.2 | 1070.1 | 1071.0 |
| 177.5° | 1070.9 | 1069.7 | 1069.5 | 1069.4 | 1069.3 | 1069.1 | 1069.4 | 1070.2 | 1070.9 | 1071.5 | 1072.2 |
| 180°   | 1071.0 | 1071.0 | 1071.0 | 1071.0 | 1071.0 | 1071.0 | 1071.0 | 1071.0 | 1071.0 | 1071.0 | 1071.0 |



TEST NUMBER: P332398-927

CATALOG NUMBER: S123RDIW-S340D1030U927-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 275°  | 280°  | 285°  | 290°  | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 431.1 | 431.1 | 431.1 | 431.1 | 431.1 | 431.1 | 431.1 | 431.1 | 431.1 | 431.1 | 431.1 |
| 2.5°   | 433.5 | 435.1 | 437.2 | 440.3 | 442.7 | 444.7 | 445.1 | 445.8 | 447.3 | 449.7 | 451.6 |
| 5°     | 436.3 | 440.5 | 447.3 | 454.0 | 461.2 | 467.1 | 472.7 | 476.6 | 480.2 | 488.0 | 494.2 |
| 7.5°   | 435.4 | 444.9 | 455.6 | 467.5 | 479.6 | 491.2 | 502.1 | 511.8 | 521.5 | 532.8 | 545.7 |
| 10°    | 434.8 | 445.9 | 460.3 | 475.6 | 492.4 | 508.8 | 524.7 | 537.1 | 551.4 | 564.4 | 580.8 |
| 12.5°  | 432.1 | 448.0 | 465.2 | 484.7 | 505.4 | 524.3 | 545.3 | 562.3 | 578.8 | 597.5 | 616.6 |
| 15°    | 428.3 | 447.7 | 469.5 | 495.5 | 527.0 | 549.8 | 571.2 | 600.9 | 621.2 | 641.5 | 668.8 |
| 17.5°  | 421.7 | 445.4 | 472.5 | 506.4 | 532.5 | 563.3 | 595.5 | 619.0 | 646.3 | 674.9 | 699.7 |
| 20°    | 416.4 | 443.9 | 474.4 | 507.6 | 541.0 | 574.3 | 605.5 | 633.6 | 661.9 | 694.9 | 715.2 |
| 22.5°  | 411.1 | 438.2 | 469.9 | 505.2 | 541.1 | 576.3 | 611.6 | 644.5 | 676.3 | 709.6 | 735.5 |
| 25°    | 399.7 | 432.1 | 466.4 | 502.4 | 537.8 | 576.6 | 618.6 | 655.4 | 694.7 | 729.0 | 753.6 |
| 27.5°  | 388.3 | 418.0 | 452.1 | 488.6 | 528.0 | 573.8 | 623.3 | 665.0 | 704.4 | 729.0 | 736.7 |
| 30°    | 378.0 | 409.3 | 440.8 | 477.8 | 520.5 | 571.6 | 624.2 | 672.0 | 704.3 | 715.0 | 707.0 |
| 32.5°  | 367.5 | 395.9 | 427.0 | 465.0 | 510.2 | 566.1 | 625.3 | 667.9 | 687.3 | 679.1 | 646.8 |
| 35°    | 349.0 | 374.6 | 404.7 | 442.8 | 494.8 | 563.1 | 620.5 | 649.3 | 644.5 | 598.3 | 537.4 |
| 37.5°  | 329.2 | 350.1 | 378.0 | 417.7 | 478.8 | 551.1 | 599.5 | 603.8 | 562.2 | 491.4 | 421.0 |
| 40°    | 313.5 | 332.4 | 361.0 | 402.5 | 466.4 | 539.3 | 578.5 | 561.3 | 496.9 | 418.0 | 359.3 |
| 42.5°  | 298.3 | 314.3 | 341.8 | 386.6 | 454.6 | 523.2 | 547.0 | 509.6 | 435.3 | 360.8 | 307.4 |
| 45°    | 272.6 | 287.6 | 315.2 | 361.2 | 430.4 | 492.4 | 489.3 | 424.3 | 349.9 | 289.9 | 245.7 |
| 47.5°  | 248.2 | 261.3 | 287.2 | 334.1 | 402.0 | 446.2 | 416.9 | 347.8 | 284.7 | 236.5 | 204.9 |
| 50°    | 230.9 | 243.8 | 269.7 | 316.0 | 379.3 | 411.5 | 369.7 | 303.1 | 245.3 | 205.4 | 180.3 |
| 52.5°  | 214.4 | 227.0 | 250.6 | 295.7 | 351.8 | 371.1 | 326.1 | 264.4 | 216.2 | 181.8 | 160.3 |
| 55°    | 191.2 | 200.8 | 222.0 | 265.2 | 307.1 | 311.6 | 265.9 | 214.3 | 174.6 | 150.6 | 135.9 |
| 57.5°  | 167.6 | 175.9 | 196.9 | 231.2 | 260.6 | 258.3 | 215.2 | 170.4 | 143.7 | 125.9 | 115.2 |
| 60°    | 152.3 | 160.4 | 178.9 | 208.3 | 230.5 | 222.8 | 183.1 | 147.1 | 124.2 | 111.1 | 102.6 |
| 62.5°  | 137.9 | 144.3 | 161.6 | 183.2 | 199.1 | 190.3 | 156.5 | 126.7 | 108.5 | 97.5  | 90.8  |
| 65°    | 117.2 | 122.4 | 136.2 | 147.5 | 156.3 | 147.8 | 119.8 | 99.1  | 86.0  | 78.3  | 73.7  |
| 67.5°  | 97.5  | 100.8 | 109.5 | 113.6 | 119.9 | 110.5 | 90.1  | 76.2  | 68.8  | 62.3  | 59.0  |
| 70°    | 85.1  | 87.5  | 92.1  | 95.5  | 97.0  | 87.5  | 72.3  | 62.2  | 55.9  | 51.3  | 49.3  |
| 72.5°  | 72.6  | 74.8  | 75.7  | 78.4  | 77.6  | 68.6  | 58.1  | 50.1  | 45.6  | 42.5  | 39.8  |
| 75°    | 55.5  | 56.5  | 55.5  | 54.4  | 52.0  | 45.8  | 38.6  | 34.5  | 31.2  | 29.7  | 28.8  |
| 77.5°  | 40.5  | 40.2  | 39.0  | 37.2  | 33.1  | 29.2  | 25.3  | 23.9  | 22.5  | 21.7  | 21.4  |
| 80°    | 31.2  | 30.4  | 29.3  | 26.5  | 23.1  | 20.3  | 19.4  | 18.5  | 17.9  | 17.0  | 16.8  |
| 82.5°  | 23.2  | 22.7  | 20.9  | 18.6  | 16.2  | 14.8  | 14.1  | 13.7  | 13.2  | 12.7  | 12.7  |
| 85°    | 12.4  | 11.8  | 9.7   | 8.5   | 8.2   | 7.8   | 7.6   | 7.6   | 6.8   | 6.7   | 6.7   |
| 87.5°  | 4.5   | 4.0   | 4.2   | 4.1   | 4.5   | 4.7   | 5.2   | 5.5   | 5.7   | 6.0   | 5.9   |
| 90°    | 2.5   | 4.4   | 6.1   | 7.8   | 9.9   | 12.2  | 14.5  | 16.8  | 19.1  | 19.8  | 20.5  |
| 92.5°  | 14.3  | 13.8  | 13.3  | 12.8  | 13.5  | 15.2  | 16.9  | 18.6  | 20.4  | 21.5  | 22.7  |
| 95°    | 41.3  | 34.1  | 26.8  | 19.6  | 16.9  | 18.9  | 20.8  | 22.7  | 24.6  | 25.9  | 27.2  |
| 97.5°  | 94.3  | 91.0  | 87.8  | 84.5  | 76.5  | 63.8  | 51.1  | 38.3  | 25.6  | 27.0  | 28.4  |
| 100°   | 138.0 | 141.6 | 145.0 | 148.6 | 136.6 | 109.0 | 81.4  | 53.9  | 26.2  | 27.6  | 29.1  |
| 102.5° | 179.0 | 181.6 | 184.1 | 186.6 | 172.9 | 142.8 | 112.6 | 82.5  | 52.4  | 48.0  | 43.6  |
| 105°   | 239.1 | 241.0 | 243.0 | 244.9 | 237.9 | 222.0 | 206.0 | 190.2 | 174.3 | 143.0 | 111.7 |
| 107.5° | 302.6 | 304.2 | 305.8 | 307.3 | 309.3 | 311.9 | 314.3 | 316.9 | 319.4 | 296.4 | 273.5 |
| 110°   | 345.2 | 346.6 | 348.0 | 349.4 | 351.1 | 353.0 | 355.0 | 356.9 | 358.9 | 353.0 | 347.2 |





TEST NUMBER: P332398-927

CATALOG NUMBER: S123RDIW-S340D1030U927-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 275°   | 280°   | 285°   | 290°   | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 385.7  | 387.0  | 388.3  | 389.6  | 391.2  | 393.1  | 395.1  | 397.0  | 398.9  | 399.0  | 399.2  |
| 115°   | 445.8  | 446.9  | 448.0  | 449.0  | 450.4  | 451.9  | 453.5  | 455.1  | 456.7  | 458.5  | 460.3  |
| 117.5° | 504.5  | 505.8  | 507.1  | 508.4  | 509.5  | 510.3  | 511.1  | 511.9  | 512.7  | 514.1  | 515.6  |
| 120°   | 541.1  | 542.6  | 544.2  | 545.8  | 546.9  | 547.4  | 548.0  | 548.5  | 549.0  | 550.4  | 551.8  |
| 122.5° | 577.7  | 579.0  | 580.3  | 581.6  | 582.6  | 583.3  | 583.9  | 584.6  | 585.3  | 586.3  | 587.2  |
| 125°   | 628.4  | 629.8  | 631.2  | 632.6  | 633.7  | 634.4  | 635.1  | 635.8  | 636.5  | 636.9  | 637.2  |
| 127.5° | 677.4  | 678.8  | 680.2  | 681.7  | 682.8  | 683.7  | 684.5  | 685.3  | 686.2  | 686.7  | 687.3  |
| 130°   | 708.0  | 709.4  | 710.8  | 712.3  | 713.3  | 714.0  | 714.7  | 715.4  | 716.1  | 716.8  | 717.6  |
| 132.5° | 737.3  | 738.6  | 740.1  | 741.5  | 742.5  | 743.1  | 743.6  | 744.2  | 744.7  | 745.4  | 746.2  |
| 135°   | 781.6  | 782.7  | 783.7  | 784.8  | 785.7  | 786.4  | 787.1  | 787.8  | 788.5  | 789.0  | 789.6  |
| 137.5° | 820.1  | 821.4  | 822.8  | 824.1  | 825.0  | 825.4  | 825.8  | 826.2  | 826.6  | 827.4  | 828.2  |
| 140°   | 845.3  | 846.4  | 847.4  | 848.4  | 849.2  | 849.8  | 850.3  | 850.8  | 851.4  | 852.1  | 852.8  |
| 142.5° | 868.8  | 869.9  | 870.9  | 872.0  | 872.8  | 873.3  | 873.9  | 874.4  | 874.9  | 875.5  | 876.1  |
| 145°   | 901.9  | 903.2  | 904.4  | 905.6  | 906.4  | 906.8  | 907.1  | 907.5  | 907.8  | 908.2  | 908.6  |
| 147.5° | 932.6  | 933.3  | 934.1  | 935.0  | 935.6  | 935.9  | 936.3  | 936.6  | 937.0  | 937.3  | 937.7  |
| 150°   | 951.3  | 951.9  | 952.4  | 952.9  | 953.4  | 953.7  | 954.1  | 954.4  | 954.8  | 955.1  | 955.5  |
| 152.5° | 968.3  | 968.5  | 968.8  | 969.0  | 969.2  | 969.5  | 969.6  | 969.9  | 970.1  | 970.7  | 971.4  |
| 155°   | 991.8  | 991.5  | 991.2  | 990.8  | 990.7  | 990.9  | 991.0  | 991.3  | 991.4  | 992.3  | 993.2  |
| 157.5° | 1011.0 | 1010.9 | 1010.9 | 1010.8 | 1010.7 | 1010.6 | 1010.3 | 1010.2 | 1010.0 | 1011.1 | 1012.2 |
| 160°   | 1022.2 | 1022.1 | 1021.9 | 1021.8 | 1021.5 | 1021.4 | 1021.2 | 1021.0 | 1020.9 | 1021.9 | 1022.9 |
| 162.5° | 1032.8 | 1032.4 | 1031.9 | 1031.4 | 1031.1 | 1030.9 | 1030.8 | 1030.5 | 1030.4 | 1031.6 | 1032.8 |
| 165°   | 1045.8 | 1045.3 | 1044.7 | 1044.2 | 1043.9 | 1043.6 | 1043.5 | 1043.3 | 1043.1 | 1044.6 | 1045.9 |
| 167.5° | 1055.8 | 1055.1 | 1054.4 | 1053.7 | 1053.3 | 1053.3 | 1053.3 | 1053.3 | 1053.3 | 1054.7 | 1056.1 |
| 170°   | 1061.5 | 1060.8 | 1060.1 | 1059.4 | 1059.1 | 1059.1 | 1059.1 | 1059.1 | 1059.1 | 1060.4 | 1061.8 |
| 172.5° | 1065.2 | 1064.4 | 1063.5 | 1062.6 | 1062.3 | 1062.4 | 1062.6 | 1062.7 | 1062.9 | 1064.3 | 1065.7 |
| 175°   | 1070.1 | 1069.2 | 1068.3 | 1067.5 | 1067.1 | 1067.2 | 1067.5 | 1067.6 | 1067.8 | 1069.1 | 1070.2 |
| 177.5° | 1071.5 | 1070.9 | 1070.2 | 1069.4 | 1069.1 | 1069.3 | 1069.4 | 1069.5 | 1069.7 | 1070.9 | 1072.0 |
| 180°   | 1071.0 | 1071.0 | 1071.0 | 1071.0 | 1071.0 | 1071.0 | 1071.0 | 1071.0 | 1071.0 | 1071.0 | 1071.0 |



TEST NUMBER: P332398-927

CATALOG NUMBER: S123RDIW-S340D1030U927-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 330°  | 335°  | 340°  | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 431.1 | 431.1 | 431.1 | 431.1 | 431.1 | 431.1 | 431.1 |
| 2.5°   | 454.8 | 454.8 | 455.3 | 457.6 | 457.9 | 459.8 | 459.2 |
| 5°     | 499.8 | 503.3 | 504.6 | 510.2 | 513.4 | 514.9 | 512.0 |
| 7.5°   | 554.8 | 564.7 | 569.4 | 575.3 | 580.4 | 581.9 | 577.9 |
| 10°    | 595.0 | 605.4 | 614.0 | 619.4 | 624.4 | 627.7 | 631.9 |
| 12.5°  | 633.8 | 646.6 | 654.8 | 662.3 | 667.5 | 671.7 | 672.4 |
| 15°    | 676.0 | 695.2 | 709.8 | 720.6 | 725.9 | 728.6 | 727.5 |
| 17.5°  | 718.6 | 736.4 | 746.8 | 757.7 | 765.1 | 765.5 | 765.7 |
| 20°    | 742.7 | 760.0 | 772.1 | 780.1 | 788.5 | 788.1 | 790.0 |
| 22.5°  | 758.8 | 772.5 | 781.6 | 787.5 | 790.4 | 788.9 | 789.3 |
| 25°    | 766.3 | 770.4 | 768.7 | 759.3 | 756.9 | 748.2 | 749.7 |
| 27.5°  | 727.5 | 708.3 | 688.4 | 662.9 | 642.7 | 626.6 | 627.4 |
| 30°    | 674.8 | 640.8 | 602.1 | 569.6 | 540.4 | 532.3 | 514.9 |
| 32.5°  | 601.1 | 550.2 | 504.8 | 474.4 | 449.5 | 442.7 | 427.5 |
| 35°    | 476.2 | 426.7 | 380.0 | 352.0 | 340.9 | 325.3 | 325.2 |
| 37.5°  | 370.1 | 326.5 | 301.9 | 280.8 | 269.8 | 260.4 | 259.5 |
| 40°    | 311.3 | 277.4 | 258.7 | 243.6 | 232.7 | 225.7 | 224.0 |
| 42.5°  | 270.3 | 242.9 | 225.4 | 216.0 | 207.6 | 204.0 | 201.3 |
| 45°    | 220.7 | 202.2 | 190.1 | 181.6 | 177.8 | 175.0 | 173.5 |
| 47.5°  | 184.7 | 172.3 | 164.0 | 158.3 | 155.2 | 152.3 | 153.0 |
| 50°    | 165.0 | 154.9 | 148.8 | 143.4 | 141.0 | 138.9 | 139.2 |
| 52.5°  | 149.2 | 140.1 | 135.1 | 131.3 | 128.3 | 126.8 | 126.2 |
| 55°    | 126.6 | 120.9 | 115.9 | 113.1 | 111.5 | 109.5 | 108.9 |
| 57.5°  | 108.0 | 103.5 | 99.5  | 96.4  | 95.9  | 94.0  | 94.3  |
| 60°    | 95.6  | 91.9  | 88.6  | 86.9  | 85.6  | 84.0  | 84.5  |
| 62.5°  | 85.4  | 82.3  | 79.3  | 78.0  | 76.6  | 75.4  | 75.7  |
| 65°    | 69.9  | 67.0  | 65.1  | 64.4  | 63.8  | 63.3  | 62.7  |
| 67.5°  | 55.8  | 53.9  | 52.8  | 51.2  | 50.1  | 49.9  | 49.4  |
| 70°    | 46.9  | 44.4  | 42.5  | 40.4  | 39.8  | 39.7  | 39.8  |
| 72.5°  | 37.5  | 36.0  | 35.5  | 34.5  | 34.4  | 33.9  | 34.2  |
| 75°    | 28.2  | 27.6  | 27.3  | 26.5  | 26.5  | 26.5  | 26.5  |
| 77.5°  | 20.8  | 20.5  | 20.3  | 20.1  | 20.0  | 19.6  | 19.6  |
| 80°    | 16.2  | 16.1  | 15.7  | 15.7  | 15.5  | 15.7  | 15.5  |
| 82.5°  | 12.3  | 12.2  | 11.9  | 11.9  | 11.6  | 11.6  | 11.6  |
| 85°    | 6.3   | 6.1   | 6.5   | 6.1   | 6.3   | 5.9   | 6.3   |
| 87.5°  | 6.0   | 6.2   | 6.1   | 6.2   | 6.1   | 6.5   | 6.3   |
| 90°    | 21.2  | 21.9  | 22.4  | 22.8  | 23.1  | 23.5  | 23.8  |
| 92.5°  | 23.8  | 24.9  | 25.6  | 25.7  | 26.0  | 26.2  | 26.4  |
| 95°    | 28.4  | 29.6  | 30.3  | 30.3  | 30.3  | 30.3  | 30.3  |
| 97.5°  | 29.9  | 31.3  | 32.1  | 32.2  | 32.4  | 32.6  | 32.8  |
| 100°   | 30.5  | 31.9  | 32.7  | 32.9  | 33.0  | 33.3  | 33.4  |
| 102.5° | 39.2  | 34.8  | 32.8  | 33.1  | 33.4  | 33.7  | 34.1  |
| 105°   | 80.3  | 49.0  | 33.6  | 34.0  | 34.3  | 34.6  | 35.0  |
| 107.5° | 250.6 | 227.6 | 204.3 | 180.7 | 157.2 | 133.6 | 110.0 |
| 110°   | 341.4 | 335.5 | 320.0 | 294.7 | 269.3 | 244.1 | 218.8 |



TEST NUMBER: P332398-927

CATALOG NUMBER: S123RDIW-S340D1030U927-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 399.3  | 399.3  | 396.7  | 391.4  | 386.1  | 380.7  | 375.4  |
| 115°   | 462.0  | 463.8  | 465.0  | 465.7  | 466.4  | 467.1  | 467.9  |
| 117.5° | 517.0  | 518.4  | 519.2  | 519.3  | 519.4  | 519.6  | 519.8  |
| 120°   | 553.3  | 554.7  | 555.4  | 555.4  | 555.4  | 555.4  | 555.4  |
| 122.5° | 588.3  | 589.2  | 589.9  | 589.9  | 590.1  | 590.3  | 590.4  |
| 125°   | 637.6  | 637.9  | 638.3  | 638.7  | 639.0  | 639.4  | 639.7  |
| 127.5° | 687.9  | 688.5  | 688.6  | 688.2  | 687.9  | 687.5  | 687.1  |
| 130°   | 718.2  | 718.9  | 719.1  | 718.7  | 718.4  | 718.0  | 717.7  |
| 132.5° | 746.9  | 747.6  | 747.7  | 747.2  | 746.7  | 746.2  | 745.7  |
| 135°   | 790.1  | 790.6  | 790.6  | 790.1  | 789.6  | 789.0  | 788.5  |
| 137.5° | 829.1  | 830.0  | 830.2  | 829.8  | 829.5  | 829.1  | 828.8  |
| 140°   | 853.5  | 854.2  | 854.4  | 854.1  | 853.7  | 853.3  | 852.9  |
| 142.5° | 876.6  | 877.2  | 877.2  | 876.7  | 876.2  | 875.8  | 875.2  |
| 145°   | 908.9  | 909.3  | 909.4  | 909.4  | 909.4  | 909.4  | 909.4  |
| 147.5° | 938.0  | 938.4  | 938.2  | 937.4  | 936.5  | 935.7  | 934.9  |
| 150°   | 955.8  | 956.2  | 956.2  | 955.6  | 955.1  | 954.6  | 954.0  |
| 152.5° | 972.0  | 972.6  | 972.6  | 971.7  | 970.9  | 970.1  | 969.3  |
| 155°   | 994.0  | 995.0  | 994.8  | 993.8  | 992.8  | 991.7  | 990.6  |
| 157.5° | 1013.2 | 1014.2 | 1014.1 | 1012.7 | 1011.4 | 1010.0 | 1008.6 |
| 160°   | 1024.1 | 1025.1 | 1025.0 | 1023.7 | 1022.5 | 1021.3 | 1020.0 |
| 162.5° | 1034.0 | 1035.2 | 1035.2 | 1034.2 | 1033.1 | 1032.0 | 1030.9 |
| 165°   | 1047.3 | 1048.8 | 1048.8 | 1047.7 | 1046.4 | 1045.1 | 1043.9 |
| 167.5° | 1057.6 | 1059.0 | 1059.0 | 1057.6 | 1056.1 | 1054.7 | 1053.3 |
| 170°   | 1063.3 | 1064.7 | 1064.7 | 1063.3 | 1061.8 | 1060.4 | 1059.1 |
| 172.5° | 1067.1 | 1068.5 | 1068.4 | 1066.9 | 1065.3 | 1063.7 | 1062.2 |
| 175°   | 1071.5 | 1072.8 | 1072.7 | 1071.3 | 1069.8 | 1068.4 | 1067.0 |
| 177.5° | 1073.1 | 1074.2 | 1074.1 | 1072.7 | 1071.3 | 1069.8 | 1068.4 |
| 180°   | 1071.0 | 1071.0 | 1071.0 | 1071.0 | 1071.0 | 1071.0 | 1071.0 |

(END OF REPORT)