

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: P332246-840

Luminaire Tested: **S123RDIP-S340D585U840-4F0-1E-UDD-A**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P332246-840  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-5,  
Test Lab: INNOVATION CENTER  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: NEO-RAY  
Catalog Number: S123RDIP-S340D585U840-4F0-1E-UDD-A  
Description: DEFINE 3 DIRECT-INDIRECT PENDANT LED LUMINAIRE  
DOWNLIGHT 340 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING  
UPLIGHT 585 LUMENS PER FOOT, NO LENS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 3734.8 lumens  
Efficiency: N/A  
Efficacy: 145.9 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

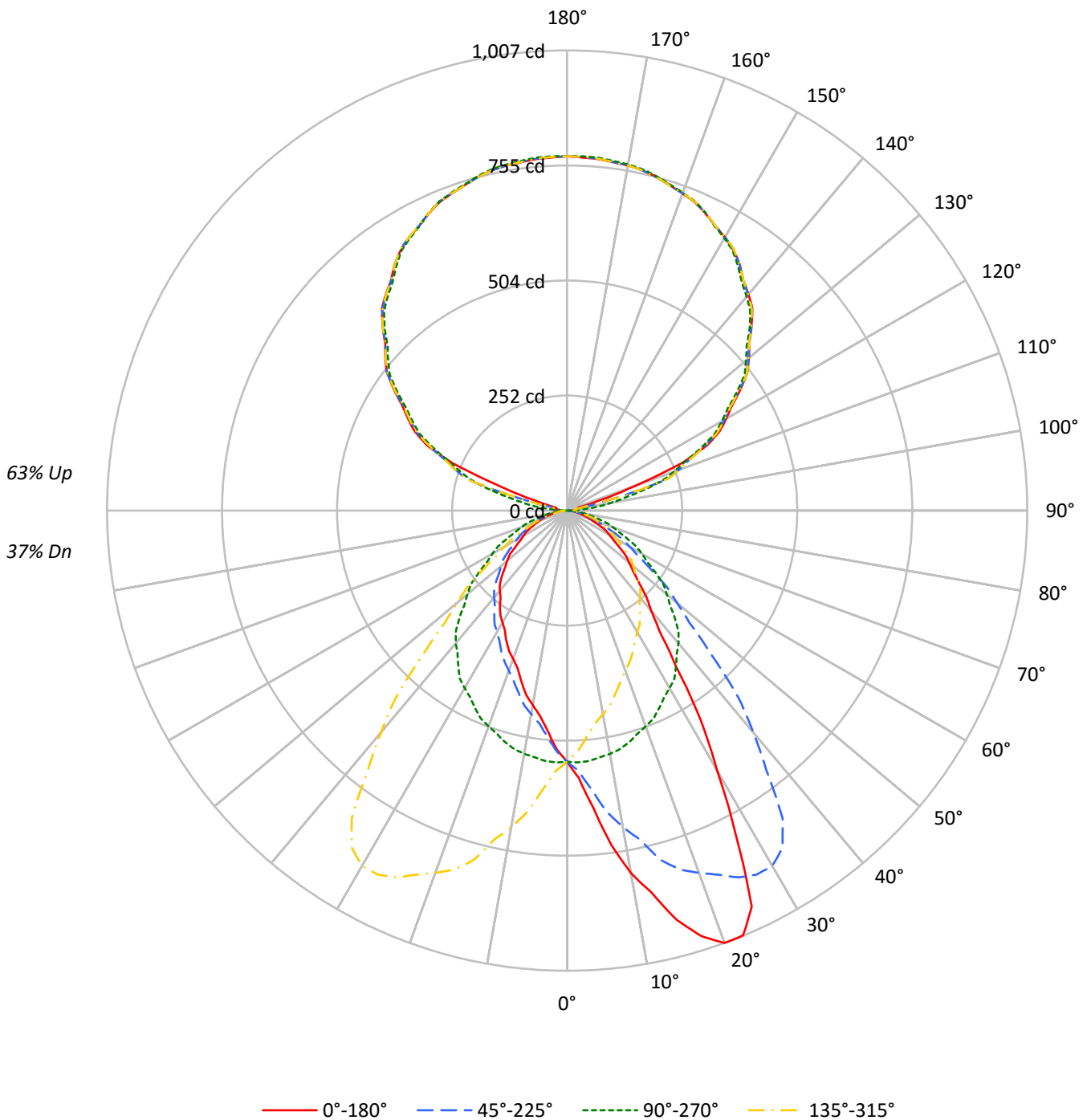
Input Watts (W): 25.6  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



TEST NUMBER: P332246-840

CATALOG NUMBER: S123RDIP-S340D585U840-4F0-1E-UDD-A

### Luminous Intensity Polar Plot





TEST NUMBER: P332246-840

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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   | 104 | 104 | 104 | 104 | 94 | 94 | 94 | 94 | 76 | 76 | 76 | 59 | 59 | 59 | 44 | 44 | 44 | 37 |
| 1   | 95  | 91  | 87  | 84  | 86 | 83 | 80 | 77 | 67 | 65 | 63 | 53 | 51 | 50 | 39 | 39 | 38 | 32 |
| 2   | 87  | 80  | 74  | 69  | 79 | 73 | 68 | 64 | 59 | 56 | 53 | 47 | 44 | 42 | 35 | 34 | 33 | 27 |
| 3   | 80  | 71  | 64  | 58  | 72 | 64 | 59 | 54 | 53 | 48 | 45 | 42 | 39 | 36 | 32 | 30 | 28 | 24 |
| 4   | 73  | 63  | 55  | 50  | 66 | 57 | 51 | 46 | 47 | 42 | 39 | 37 | 34 | 31 | 28 | 26 | 25 | 21 |
| 5   | 67  | 56  | 48  | 43  | 61 | 51 | 45 | 40 | 42 | 37 | 33 | 34 | 30 | 27 | 26 | 24 | 22 | 18 |
| 6   | 62  | 50  | 43  | 37  | 56 | 46 | 39 | 34 | 38 | 33 | 29 | 31 | 27 | 24 | 24 | 21 | 19 | 16 |
| 7   | 57  | 45  | 38  | 33  | 52 | 42 | 35 | 30 | 35 | 30 | 26 | 28 | 24 | 21 | 22 | 19 | 17 | 14 |
| 8   | 53  | 41  | 34  | 29  | 48 | 38 | 31 | 27 | 32 | 27 | 23 | 26 | 22 | 19 | 20 | 17 | 15 | 13 |
| 9   | 49  | 38  | 30  | 26  | 45 | 35 | 28 | 24 | 29 | 24 | 21 | 23 | 20 | 17 | 18 | 16 | 14 | 12 |
| 10  | 46  | 34  | 28  | 23  | 42 | 32 | 26 | 21 | 27 | 22 | 19 | 22 | 18 | 16 | 17 | 15 | 13 | 11 |

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

|     | 0°    | 90°  | 180° | 270° |
|-----|-------|------|------|------|
| 0°  | 5916  | 5916 | 5916 | 5916 |
| 5°  | 7052  | 5942 | 5232 | 5942 |
| 10° | 8805  | 5908 | 4726 | 5908 |
| 15° | 10336 | 5846 | 4310 | 5846 |
| 20° | 11535 | 5756 | 3956 | 5756 |
| 25° | 11351 | 5662 | 3739 | 5662 |
| 30° | 8158  | 5574 | 3515 | 5574 |
| 35° | 5447  | 5460 | 3369 | 5460 |
| 40° | 4013  | 5323 | 3219 | 5323 |
| 45° | 3367  | 5083 | 3073 | 5083 |
| 50° | 2971  | 4767 | 2869 | 4767 |
| 55° | 2607  | 4406 | 2586 | 4406 |
| 60° | 2321  | 4060 | 2370 | 4060 |
| 65° | 2038  | 3691 | 2203 | 3691 |
| 70° | 1599  | 3361 | 2014 | 3361 |
| 75° | 1406  | 2936 | 1838 | 2936 |
| 80° | 1227  | 2492 | 1810 | 2492 |
| 85° | 988   | 2013 | 1927 | 2013 |



TEST NUMBER: P332246-840

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 54.0   | 1.4       |
| 10°-20°   | 168.9  | 4.5       |
| 20°-30°   | 265.3  | 7.1       |
| 30°-40°   | 276.8  | 7.4       |
| 40°-50°   | 236.9  | 6.3       |
| 50°-60°   | 180.5  | 4.8       |
| 60°-70°   | 115.7  | 3.1       |
| 70°-80°   | 55.7   | 1.5       |
| 80°-90°   | 16.9   | 0.5       |
| 90°-100°  | 28.2   | 0.8       |
| 100°-110° | 134.3  | 3.6       |
| 110°-120° | 322.7  | 8.6       |
| 120°-130° | 410.9  | 11.0      |
| 130°-140° | 439.0  | 11.8      |
| 140°-150° | 410.5  | 11.0      |
| 150°-160° | 331.2  | 8.9       |
| 160°-170° | 213.7  | 5.7       |
| 170°-180° | 73.7   | 2.0       |
| 0°-30°    | 488.2  | 13.1      |
| 0°-40°    | 764.9  | 20.5      |
| 0°-60°    | 1182.3 | 31.7      |
| 0°-90°    | 1370.6 | 36.7      |
| 90°-120°  | 485.2  | 13.0      |
| 90°-150°  | 1745.7 | 46.7      |
| 90°-180°  | 2364.0 | 63.3      |
| 0°-180°   | 3734.8 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°  | 90° | 180° | 270° | 360° | Flux |
|------|-----|-----|------|------|------|------|
| 0°   | 550 | 550 | 550  | 550  | 550  |      |
| 5°   | 653 | 550 | 484  | 550  | 653  | 67   |
| 15°  | 928 | 525 | 387  | 525  | 928  | 263  |
| 25°  | 956 | 477 | 315  | 477  | 956  | 411  |
| 35°  | 414 | 416 | 256  | 416  | 414  | 272  |
| 45°  | 221 | 334 | 202  | 334  | 221  | 174  |
| 55°  | 139 | 235 | 138  | 235  | 139  | 126  |
| 65°  | 80  | 145 | 86   | 145  | 80   | 79   |
| 75°  | 34  | 71  | 44   | 71   | 34   | 36   |
| 85°  | 8   | 16  | 16   | 16   | 8    | 10   |
| 90°  | 17  | 1   | 17   | 1    | 17   | 8    |
| 95°  | 22  | 35  | 22   | 35   | 22   | 18   |
| 105° | 25  | 172 | 25   | 172  | 25   | 58   |
| 115° | 339 | 322 | 339  | 322  | 339  | 313  |
| 125° | 463 | 454 | 463  | 454  | 463  | 414  |
| 135° | 571 | 565 | 571  | 565  | 571  | 440  |
| 145° | 658 | 652 | 658  | 652  | 658  | 411  |
| 155° | 717 | 718 | 717  | 718  | 717  | 331  |
| 165° | 756 | 757 | 756  | 757  | 756  | 213  |
| 175° | 772 | 775 | 772  | 775  | 772  | 74   |
| 180° | 775 | 775 | 775  | 775  | 775  |      |



TEST NUMBER: P332246-840

CATALOG NUMBER: S123RDIP-S340D585U840-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 10°    | 15°    | 20°   | 25°   | 30°   | 35°   | 40°   | 45°   | 50°   |
|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 549.6  | 549.6  | 549.6  | 549.6  | 549.6 | 549.6 | 549.6 | 549.6 | 549.6 | 549.6 | 549.6 |
| 2.5°   | 585.4  | 586.1  | 583.7  | 583.3  | 580.5 | 579.8 | 579.8 | 575.7 | 573.3 | 570.2 | 568.3 |
| 5°     | 652.7  | 656.4  | 654.5  | 650.4  | 643.3 | 641.6 | 637.1 | 630.1 | 622.1 | 612.2 | 607.5 |
| 7.5°   | 736.7  | 741.8  | 739.8  | 733.4  | 725.9 | 719.9 | 707.3 | 695.6 | 679.2 | 664.8 | 652.5 |
| 10°    | 805.6  | 800.2  | 796.0  | 789.6  | 782.7 | 771.7 | 758.5 | 740.4 | 719.5 | 703.0 | 684.7 |
| 12.5°  | 857.2  | 856.3  | 850.9  | 844.3  | 834.8 | 824.3 | 808.0 | 786.0 | 761.6 | 737.8 | 716.8 |
| 15°    | 927.5  | 928.9  | 925.3  | 918.6  | 904.8 | 886.3 | 861.8 | 852.6 | 817.8 | 791.9 | 766.1 |
| 17.5°  | 976.1  | 975.8  | 975.3  | 965.9  | 952.0 | 938.8 | 916.0 | 891.9 | 860.4 | 823.9 | 789.1 |
| 20°    | 1007.0 | 1004.6 | 1005.1 | 994.5  | 984.2 | 968.9 | 946.7 | 911.7 | 885.9 | 843.7 | 807.7 |
| 22.5°  | 1006.2 | 1005.7 | 1007.5 | 1003.9 | 996.4 | 984.7 | 967.2 | 937.7 | 904.6 | 862.1 | 821.6 |
| 25°    | 955.7  | 953.8  | 964.8  | 968.0  | 980.0 | 982.1 | 976.8 | 960.7 | 929.4 | 885.6 | 835.5 |
| 27.5°  | 799.8  | 798.8  | 819.3  | 845.1  | 877.6 | 902.9 | 927.4 | 939.2 | 929.4 | 898.0 | 847.8 |
| 30°    | 656.4  | 678.5  | 688.9  | 726.1  | 767.5 | 816.9 | 860.2 | 901.3 | 911.5 | 897.8 | 856.7 |
| 32.5°  | 545.0  | 564.3  | 573.0  | 604.8  | 643.5 | 701.4 | 766.3 | 824.6 | 865.8 | 876.2 | 851.4 |
| 35°    | 414.5  | 414.8  | 434.5  | 448.7  | 484.4 | 543.9 | 607.0 | 685.1 | 762.8 | 821.6 | 827.7 |
| 37.5°  | 330.8  | 331.9  | 344.0  | 358.0  | 384.9 | 416.3 | 471.8 | 536.7 | 626.4 | 716.7 | 769.7 |
| 40°    | 285.6  | 287.7  | 296.7  | 310.5  | 329.8 | 353.7 | 396.9 | 458.1 | 532.9 | 633.4 | 715.5 |
| 42.5°  | 256.6  | 260.0  | 264.7  | 275.4  | 287.3 | 309.6 | 344.6 | 391.8 | 459.9 | 554.9 | 649.6 |
| 45°    | 221.2  | 223.1  | 226.6  | 231.6  | 242.4 | 257.8 | 281.3 | 313.2 | 369.6 | 446.1 | 540.9 |
| 47.5°  | 195.1  | 194.1  | 197.8  | 201.8  | 209.0 | 219.6 | 235.4 | 261.3 | 301.5 | 362.9 | 443.3 |
| 50°    | 177.4  | 177.1  | 179.8  | 182.8  | 189.7 | 197.4 | 210.4 | 229.8 | 261.9 | 312.7 | 386.4 |
| 52.5°  | 160.9  | 161.7  | 163.6  | 167.3  | 172.3 | 178.5 | 190.2 | 204.3 | 231.8 | 275.6 | 337.0 |
| 55°    | 138.9  | 139.6  | 142.1  | 144.2  | 147.7 | 154.1 | 161.4 | 173.2 | 192.0 | 222.6 | 273.2 |
| 57.5°  | 120.2  | 119.9  | 122.3  | 122.9  | 126.8 | 132.0 | 137.6 | 146.8 | 160.5 | 183.2 | 217.2 |
| 60°    | 107.8  | 107.0  | 109.2  | 110.8  | 112.9 | 117.1 | 121.9 | 130.8 | 141.7 | 158.3 | 187.5 |
| 62.5°  | 96.4   | 96.1   | 97.7   | 99.4   | 101.1 | 104.9 | 108.9 | 115.7 | 124.3 | 138.4 | 161.6 |
| 65°    | 80.0   | 80.7   | 81.4   | 82.1   | 83.0  | 85.4  | 89.2  | 93.9  | 99.8  | 109.7 | 126.3 |
| 67.5°  | 62.9   | 63.6   | 63.8   | 65.2   | 67.3  | 68.8  | 71.1  | 75.2  | 79.4  | 87.7  | 97.1  |
| 70°    | 50.8   | 50.6   | 50.8   | 51.5   | 54.1  | 56.7  | 59.8  | 62.8  | 65.4  | 71.3  | 79.3  |
| 72.5°  | 43.6   | 43.2   | 43.8   | 44.0   | 45.2  | 45.9  | 47.9  | 50.8  | 54.1  | 58.1  | 63.8  |
| 75°    | 33.8   | 33.8   | 33.8   | 33.8   | 34.8  | 35.2  | 36.0  | 36.7  | 37.9  | 39.8  | 44.0  |
| 77.5°  | 25.0   | 25.0   | 25.4   | 25.7   | 25.9  | 26.2  | 26.6  | 27.3  | 27.7  | 28.7  | 30.5  |
| 80°    | 19.8   | 20.0   | 19.8   | 20.0   | 20.0  | 20.5  | 20.7  | 21.4  | 21.6  | 22.8  | 23.5  |
| 82.5°  | 14.8   | 14.7   | 14.8   | 15.1   | 15.1  | 15.6  | 15.7  | 16.2  | 16.2  | 16.8  | 17.5  |
| 85°    | 8.0    | 7.6    | 8.0    | 7.8    | 8.3   | 7.8   | 8.0   | 8.5   | 8.5   | 8.7   | 9.7   |
| 87.5°  | 5.4    | 5.7    | 5.3    | 5.4    | 5.4   | 5.5   | 5.4   | 5.3   | 5.5   | 5.3   | 5.0   |
| 90°    | 17.3   | 17.1   | 16.8   | 16.6   | 16.3  | 15.9  | 15.3  | 14.8  | 14.3  | 13.8  | 12.1  |
| 92.5°  | 19.1   | 19.0   | 18.8   | 18.7   | 18.5  | 18.0  | 17.2  | 16.4  | 15.6  | 14.7  | 13.5  |
| 95°    | 21.9   | 21.9   | 21.9   | 21.9   | 21.9  | 21.4  | 20.5  | 19.7  | 18.8  | 17.9  | 16.5  |
| 97.5°  | 23.7   | 23.6   | 23.4   | 23.3   | 23.2  | 22.6  | 21.6  | 20.6  | 19.6  | 18.6  | 27.8  |
| 100°   | 24.2   | 24.0   | 23.9   | 23.8   | 23.6  | 23.1  | 22.1  | 21.0  | 20.0  | 19.0  | 39.0  |
| 102.5° | 24.6   | 24.4   | 24.2   | 23.9   | 23.7  | 25.2  | 28.4  | 31.5  | 34.7  | 37.9  | 59.7  |
| 105°   | 25.3   | 25.0   | 24.8   | 24.5   | 24.3  | 35.5  | 58.2  | 80.8  | 103.5 | 126.1 | 137.6 |
| 107.5° | 79.6   | 96.6   | 113.7  | 130.8  | 147.9 | 164.7 | 181.4 | 197.9 | 214.6 | 231.2 | 229.3 |
| 110°   | 158.3  | 176.7  | 195.0  | 213.3  | 231.6 | 242.9 | 247.1 | 251.4 | 255.5 | 259.7 | 258.3 |



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**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 25°   | 30°   | 35°   | 40°   | 45°   | 50°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 271.8 | 275.6 | 279.4 | 283.4 | 287.2 | 289.1 | 289.0 | 288.9 | 288.9 | 288.8 | 287.4 |
| 115°   | 338.7 | 338.2 | 337.7 | 337.1 | 336.6 | 335.8 | 334.5 | 333.2 | 331.9 | 330.6 | 329.4 |
| 117.5° | 376.3 | 376.2 | 376.1 | 376.0 | 375.9 | 375.3 | 374.3 | 373.2 | 372.2 | 371.1 | 370.6 |
| 120°   | 402.0 | 402.0 | 402.0 | 402.0 | 402.0 | 401.5 | 400.5 | 399.5 | 398.5 | 397.4 | 397.1 |
| 122.5° | 427.4 | 427.3 | 427.2 | 427.1 | 427.0 | 426.6 | 425.9 | 425.2 | 424.4 | 423.7 | 423.2 |
| 125°   | 463.1 | 462.8 | 462.6 | 462.3 | 462.1 | 461.8 | 461.5 | 461.3 | 461.0 | 460.8 | 460.3 |
| 127.5° | 497.5 | 497.7 | 498.0 | 498.2 | 498.5 | 498.4 | 498.0 | 497.6 | 497.2 | 496.8 | 496.1 |
| 130°   | 519.6 | 519.8 | 520.1 | 520.3 | 520.6 | 520.4 | 519.9 | 519.4 | 518.9 | 518.4 | 517.9 |
| 132.5° | 539.8 | 540.2 | 540.5 | 540.9 | 541.3 | 541.2 | 540.7 | 540.2 | 539.7 | 539.2 | 538.7 |
| 135°   | 570.8 | 571.2 | 571.6 | 572.0 | 572.3 | 572.3 | 572.0 | 571.6 | 571.2 | 570.8 | 570.3 |
| 137.5° | 600.0 | 600.2 | 600.5 | 600.7 | 601.0 | 600.8 | 600.2 | 599.6 | 599.0 | 598.3 | 598.0 |
| 140°   | 617.4 | 617.7 | 617.9 | 618.2 | 618.4 | 618.3 | 617.8 | 617.3 | 616.8 | 616.3 | 615.9 |
| 142.5° | 633.6 | 633.9 | 634.3 | 634.7 | 635.0 | 635.0 | 634.6 | 634.2 | 633.8 | 633.4 | 633.0 |
| 145°   | 658.3 | 658.3 | 658.3 | 658.3 | 658.3 | 658.2 | 657.9 | 657.7 | 657.4 | 657.2 | 656.9 |
| 147.5° | 676.8 | 677.4 | 677.9 | 678.5 | 679.1 | 679.3 | 679.0 | 678.8 | 678.5 | 678.3 | 678.0 |
| 150°   | 690.6 | 690.9 | 691.4 | 691.8 | 692.2 | 692.2 | 692.0 | 691.7 | 691.5 | 691.2 | 690.9 |
| 152.5° | 701.7 | 702.3 | 702.9 | 703.5 | 704.0 | 704.1 | 703.6 | 703.2 | 702.7 | 702.3 | 702.1 |
| 155°   | 717.1 | 717.9 | 718.6 | 719.4 | 720.1 | 720.2 | 719.6 | 718.9 | 718.3 | 717.7 | 717.5 |
| 157.5° | 730.1 | 731.1 | 732.2 | 733.1 | 734.1 | 734.3 | 733.5 | 732.7 | 732.0 | 731.1 | 731.2 |
| 160°   | 738.4 | 739.3 | 740.2 | 741.1 | 741.9 | 742.0 | 741.2 | 740.5 | 739.7 | 739.0 | 739.1 |
| 162.5° | 746.3 | 747.0 | 747.8 | 748.6 | 749.4 | 749.4 | 748.5 | 747.6 | 746.8 | 745.9 | 746.0 |
| 165°   | 755.7 | 756.6 | 757.5 | 758.4 | 759.3 | 759.2 | 758.2 | 757.2 | 756.2 | 755.1 | 755.3 |
| 167.5° | 762.4 | 763.6 | 764.6 | 765.6 | 766.6 | 766.6 | 765.6 | 764.6 | 763.6 | 762.4 | 762.4 |
| 170°   | 766.6 | 767.7 | 768.7 | 769.7 | 770.7 | 770.7 | 769.7 | 768.7 | 767.7 | 766.6 | 766.6 |
| 172.5° | 768.9 | 770.0 | 771.2 | 772.3 | 773.5 | 773.5 | 772.4 | 771.4 | 770.4 | 769.4 | 769.3 |
| 175°   | 772.3 | 773.5 | 774.5 | 775.5 | 776.5 | 776.6 | 775.7 | 774.8 | 773.9 | 773.0 | 772.8 |
| 177.5° | 773.5 | 774.5 | 775.5 | 776.5 | 777.5 | 777.6 | 776.8 | 776.0 | 775.2 | 774.4 | 774.3 |
| 180°   | 775.3 | 775.3 | 775.3 | 775.3 | 775.3 | 775.3 | 775.3 | 775.3 | 775.3 | 775.3 | 775.3 |



TEST NUMBER: P332246-840

CATALOG NUMBER: S123RDIP-S340D585U840-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 55°   | 60°   | 65°   | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   | 100°  | 105°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 549.6 | 549.6 | 549.6 | 549.6 | 549.6 | 549.6 | 549.6 | 549.6 | 549.6 | 549.6 | 549.6 |
| 2.5°   | 567.4 | 566.9 | 564.3 | 561.3 | 557.3 | 554.7 | 552.6 | 551.5 | 548.1 | 543.9 | 541.2 |
| 5°     | 602.6 | 595.5 | 587.9 | 578.8 | 570.3 | 561.6 | 556.2 | 549.9 | 542.1 | 533.4 | 527.3 |
| 7.5°   | 640.1 | 626.2 | 611.4 | 595.9 | 580.8 | 567.1 | 555.0 | 544.7 | 532.4 | 519.9 | 511.2 |
| 10°    | 668.9 | 648.6 | 627.7 | 606.3 | 586.8 | 568.5 | 554.3 | 540.5 | 525.6 | 511.3 | 500.4 |
| 12.5°  | 695.1 | 668.4 | 644.3 | 617.9 | 593.0 | 571.1 | 550.8 | 534.4 | 516.5 | 501.3 | 489.0 |
| 15°    | 728.2 | 700.8 | 671.8 | 631.7 | 598.5 | 570.8 | 546.0 | 524.6 | 503.0 | 484.2 | 472.2 |
| 17.5°  | 759.1 | 718.1 | 678.8 | 645.5 | 602.4 | 567.7 | 537.6 | 512.0 | 488.2 | 468.3 | 453.4 |
| 20°    | 771.9 | 732.2 | 689.6 | 647.0 | 604.7 | 565.8 | 530.8 | 502.5 | 477.9 | 455.2 | 441.6 |
| 22.5°  | 779.6 | 734.7 | 689.7 | 644.0 | 599.1 | 558.7 | 524.0 | 492.9 | 466.2 | 444.7 | 427.9 |
| 25°    | 788.6 | 735.0 | 685.6 | 640.5 | 594.5 | 550.8 | 509.6 | 476.7 | 447.8 | 425.0 | 407.1 |
| 27.5°  | 794.6 | 731.4 | 673.1 | 622.9 | 576.3 | 532.8 | 495.0 | 460.1 | 430.7 | 406.6 | 387.4 |
| 30°    | 795.7 | 728.6 | 663.5 | 609.2 | 561.9 | 521.8 | 481.8 | 448.5 | 417.4 | 391.7 | 373.9 |
| 32.5°  | 797.2 | 721.6 | 650.5 | 592.8 | 544.3 | 504.7 | 468.5 | 436.6 | 404.8 | 379.5 | 361.2 |
| 35°    | 791.0 | 717.8 | 630.8 | 564.4 | 515.9 | 477.6 | 444.9 | 415.5 | 384.3 | 359.7 | 341.1 |
| 37.5°  | 764.3 | 702.6 | 610.4 | 532.5 | 481.8 | 446.4 | 419.7 | 394.0 | 365.4 | 338.9 | 321.4 |
| 40°    | 737.4 | 687.5 | 594.5 | 513.1 | 460.2 | 423.7 | 399.7 | 378.8 | 351.0 | 326.3 | 307.5 |
| 42.5°  | 697.3 | 666.9 | 579.5 | 492.8 | 435.8 | 400.6 | 380.3 | 360.7 | 336.4 | 311.2 | 293.6 |
| 45°    | 623.7 | 627.7 | 548.7 | 460.4 | 401.8 | 366.6 | 347.5 | 333.9 | 312.3 | 291.5 | 273.4 |
| 47.5°  | 531.5 | 568.9 | 512.5 | 426.0 | 366.2 | 333.1 | 316.4 | 304.5 | 289.8 | 269.5 | 253.0 |
| 50°    | 471.3 | 524.6 | 483.5 | 402.8 | 343.8 | 310.8 | 294.4 | 284.7 | 272.0 | 256.0 | 240.2 |
| 52.5°  | 415.8 | 473.1 | 448.5 | 377.0 | 319.4 | 289.3 | 273.3 | 265.3 | 255.2 | 240.1 | 225.9 |
| 55°    | 339.0 | 397.2 | 391.5 | 338.1 | 283.1 | 256.0 | 243.8 | 234.8 | 228.0 | 216.7 | 205.4 |
| 57.5°  | 274.3 | 329.3 | 332.2 | 294.8 | 251.0 | 224.2 | 213.7 | 206.9 | 202.5 | 194.0 | 183.5 |
| 60°    | 233.4 | 284.0 | 293.9 | 265.6 | 228.0 | 204.5 | 194.1 | 188.6 | 185.2 | 178.3 | 170.4 |
| 62.5°  | 199.5 | 242.6 | 253.8 | 233.5 | 206.0 | 183.9 | 175.8 | 170.7 | 168.2 | 162.4 | 155.3 |
| 65°    | 152.7 | 188.4 | 199.2 | 188.0 | 173.6 | 156.0 | 149.4 | 144.9 | 142.8 | 139.6 | 134.3 |
| 67.5°  | 114.8 | 140.9 | 152.8 | 144.8 | 139.6 | 128.5 | 124.3 | 121.9 | 120.0 | 117.8 | 113.4 |
| 70°    | 92.2  | 111.5 | 123.7 | 121.7 | 117.4 | 111.5 | 108.5 | 106.8 | 104.9 | 103.0 | 99.3  |
| 72.5°  | 74.1  | 87.5  | 98.9  | 100.0 | 96.5  | 95.3  | 92.6  | 91.9  | 90.8  | 88.6  | 86.4  |
| 75°    | 49.2  | 58.4  | 66.3  | 69.4  | 70.8  | 72.0  | 70.8  | 70.6  | 70.4  | 68.5  | 67.3  |
| 77.5°  | 32.2  | 37.2  | 42.2  | 47.5  | 49.7  | 51.2  | 51.6  | 52.5  | 51.8  | 50.9  | 50.3  |
| 80°    | 24.7  | 25.9  | 29.4  | 33.8  | 37.4  | 38.8  | 39.8  | 40.2  | 40.0  | 39.8  | 38.8  |
| 82.5°  | 18.0  | 18.9  | 20.6  | 23.7  | 26.7  | 29.0  | 29.6  | 29.5  | 30.0  | 30.2  | 29.4  |
| 85°    | 9.7   | 9.9   | 10.4  | 10.8  | 12.4  | 15.0  | 15.8  | 16.3  | 16.7  | 16.7  | 15.2  |
| 87.5°  | 5.2   | 4.5   | 4.6   | 4.3   | 4.6   | 4.5   | 5.5   | 6.2   | 6.6   | 6.1   | 6.4   |
| 90°    | 10.5  | 8.8   | 7.2   | 5.7   | 4.4   | 3.1   | 1.8   | 0.6   | 1.8   | 3.1   | 4.4   |
| 92.5°  | 12.2  | 11.0  | 9.7   | 9.3   | 9.6   | 10.0  | 10.4  | 10.7  | 10.4  | 10.0  | 9.6   |
| 95°    | 15.0  | 13.6  | 12.2  | 14.1  | 19.4  | 24.6  | 29.9  | 35.1  | 29.9  | 24.6  | 19.4  |
| 97.5°  | 37.0  | 46.2  | 55.4  | 61.2  | 63.5  | 65.9  | 68.3  | 70.6  | 68.3  | 65.9  | 63.5  |
| 100°   | 59.0  | 78.9  | 98.9  | 107.6 | 105.0 | 102.5 | 99.9  | 97.4  | 99.9  | 102.5 | 105.0 |
| 102.5° | 81.5  | 103.3 | 125.1 | 135.1 | 133.3 | 131.5 | 129.6 | 127.7 | 129.6 | 131.5 | 133.3 |
| 105°   | 149.2 | 160.7 | 172.2 | 177.2 | 175.8 | 174.5 | 173.1 | 171.7 | 173.1 | 174.5 | 175.8 |
| 107.5° | 227.5 | 225.7 | 223.9 | 222.5 | 221.4 | 220.3 | 219.0 | 217.9 | 219.0 | 220.3 | 221.4 |
| 110°   | 256.9 | 255.5 | 254.2 | 252.9 | 251.9 | 250.9 | 249.8 | 248.8 | 249.8 | 250.9 | 251.9 |





TEST NUMBER: P332246-840

CATALOG NUMBER: S123RDIP-S340D585U840-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 55°   | 60°   | 65°   | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   | 100°  | 105°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 286.0 | 284.6 | 283.2 | 282.0 | 281.0 | 280.1 | 279.2 | 278.3 | 279.2 | 280.1 | 281.0 |
| 115°   | 328.3 | 327.2 | 326.0 | 325.1 | 324.3 | 323.5 | 322.8 | 321.9 | 322.8 | 323.5 | 324.3 |
| 117.5° | 370.0 | 369.4 | 368.8 | 368.0 | 367.1 | 366.2 | 365.2 | 364.3 | 365.2 | 366.2 | 367.1 |
| 120°   | 396.7 | 396.3 | 395.9 | 395.2 | 393.9 | 392.8 | 391.6 | 390.5 | 391.6 | 392.8 | 393.9 |
| 122.5° | 422.7 | 422.2 | 421.7 | 421.0 | 420.1 | 419.1 | 418.2 | 417.3 | 418.2 | 419.1 | 420.1 |
| 125°   | 459.8 | 459.3 | 458.8 | 458.0 | 457.0 | 456.0 | 454.9 | 453.8 | 454.9 | 456.0 | 457.0 |
| 127.5° | 495.5 | 494.8 | 494.2 | 493.4 | 492.4 | 491.4 | 490.4 | 489.4 | 490.4 | 491.4 | 492.4 |
| 130°   | 517.4 | 516.8 | 516.3 | 515.5 | 514.5 | 513.5 | 512.5 | 511.5 | 512.5 | 513.5 | 514.5 |
| 132.5° | 538.3 | 537.9 | 537.5 | 536.7 | 535.7 | 534.7 | 533.7 | 532.7 | 533.7 | 534.7 | 535.7 |
| 135°   | 569.8 | 569.3 | 568.8 | 568.2 | 567.3 | 566.5 | 565.8 | 565.0 | 565.8 | 566.5 | 567.3 |
| 137.5° | 597.7 | 597.4 | 597.2 | 596.5 | 595.6 | 594.6 | 593.7 | 592.7 | 593.7 | 594.6 | 595.6 |
| 140°   | 615.5 | 615.1 | 614.8 | 614.2 | 613.4 | 612.7 | 611.9 | 611.1 | 611.9 | 612.7 | 613.4 |
| 142.5° | 632.6 | 632.2 | 631.8 | 631.3 | 630.5 | 629.8 | 628.9 | 628.1 | 628.9 | 629.8 | 630.5 |
| 145°   | 656.7 | 656.4 | 656.2 | 655.6 | 654.7 | 653.8 | 652.9 | 652.0 | 652.9 | 653.8 | 654.7 |
| 147.5° | 677.7 | 677.5 | 677.2 | 676.8 | 676.2 | 675.7 | 675.1 | 674.5 | 675.1 | 675.7 | 676.2 |
| 150°   | 690.6 | 690.4 | 690.1 | 689.8 | 689.4 | 689.0 | 688.7 | 688.3 | 688.7 | 689.0 | 689.4 |
| 152.5° | 702.0 | 701.8 | 701.7 | 701.5 | 701.3 | 701.0 | 700.9 | 700.7 | 700.9 | 701.0 | 701.3 |
| 155°   | 717.4 | 717.3 | 717.2 | 717.2 | 717.5 | 717.7 | 718.0 | 718.2 | 718.0 | 717.7 | 717.5 |
| 157.5° | 731.4 | 731.5 | 731.6 | 731.7 | 731.7 | 731.7 | 731.8 | 731.8 | 731.8 | 731.7 | 731.7 |
| 160°   | 739.2 | 739.3 | 739.5 | 739.6 | 739.7 | 739.9 | 740.0 | 740.1 | 740.0 | 739.9 | 739.7 |
| 162.5° | 746.2 | 746.3 | 746.4 | 746.6 | 747.0 | 747.3 | 747.6 | 748.0 | 747.6 | 747.3 | 747.0 |
| 165°   | 755.4 | 755.5 | 755.6 | 755.9 | 756.3 | 756.7 | 757.0 | 757.4 | 757.0 | 756.7 | 756.3 |
| 167.5° | 762.4 | 762.4 | 762.4 | 762.8 | 763.3 | 763.8 | 764.3 | 764.8 | 764.3 | 763.8 | 763.3 |
| 170°   | 766.6 | 766.6 | 766.6 | 766.9 | 767.4 | 767.9 | 768.4 | 768.9 | 768.4 | 767.9 | 767.4 |
| 172.5° | 769.2 | 769.1 | 769.0 | 769.2 | 769.8 | 770.4 | 771.1 | 771.7 | 771.1 | 770.4 | 769.8 |
| 175°   | 772.7 | 772.5 | 772.4 | 772.7 | 773.4 | 774.0 | 774.7 | 775.3 | 774.7 | 774.0 | 773.4 |
| 177.5° | 774.2 | 774.1 | 774.0 | 774.2 | 774.7 | 775.2 | 775.7 | 776.2 | 775.7 | 775.2 | 774.7 |
| 180°   | 775.3 | 775.3 | 775.3 | 775.3 | 775.3 | 775.3 | 775.3 | 775.3 | 775.3 | 775.3 | 775.3 |



TEST NUMBER: P332246-840

CATALOG NUMBER: S123RDIP-S340D585U840-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 110°  | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  | 150°  | 155°  | 160°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 549.6 | 549.6 | 549.6 | 549.6 | 549.6 | 549.6 | 549.6 | 549.6 | 549.6 | 549.6 | 549.6 |
| 2.5°   | 540.2 | 537.8 | 536.0 | 532.3 | 529.9 | 527.3 | 524.6 | 526.2 | 526.0 | 525.9 | 525.9 |
| 5°     | 522.1 | 516.6 | 511.7 | 505.3 | 501.4 | 496.4 | 492.7 | 492.2 | 493.1 | 489.9 | 488.0 |
| 7.5°   | 504.1 | 496.8 | 489.7 | 482.7 | 475.2 | 469.3 | 465.6 | 463.8 | 461.5 | 459.5 | 457.4 |
| 10°    | 491.5 | 482.8 | 475.9 | 467.3 | 459.3 | 452.2 | 447.8 | 444.6 | 443.0 | 441.4 | 438.3 |
| 12.5°  | 478.5 | 470.0 | 461.3 | 451.4 | 443.8 | 435.7 | 432.3 | 428.9 | 425.8 | 423.8 | 419.7 |
| 15°    | 459.5 | 448.5 | 439.3 | 428.9 | 420.4 | 412.4 | 407.8 | 400.9 | 400.0 | 397.6 | 393.3 |
| 17.5°  | 440.4 | 428.5 | 415.8 | 408.1 | 398.6 | 390.2 | 383.0 | 380.8 | 374.1 | 371.5 | 367.8 |
| 20°    | 425.4 | 414.3 | 404.7 | 394.6 | 380.7 | 372.9 | 367.3 | 364.3 | 358.8 | 355.5 | 353.1 |
| 22.5°  | 412.4 | 401.1 | 390.0 | 378.2 | 366.8 | 358.0 | 353.9 | 349.1 | 346.2 | 341.5 | 339.0 |
| 25°    | 393.8 | 381.6 | 368.2 | 355.5 | 347.3 | 340.7 | 334.1 | 329.8 | 325.6 | 323.5 | 318.8 |
| 27.5°  | 372.3 | 359.5 | 347.0 | 337.3 | 327.2 | 320.7 | 314.8 | 311.0 | 305.9 | 302.4 | 299.7 |
| 30°    | 360.4 | 345.4 | 334.6 | 325.9 | 313.0 | 306.8 | 302.4 | 297.6 | 293.9 | 290.1 | 287.5 |
| 32.5°  | 346.7 | 333.0 | 322.8 | 311.9 | 302.1 | 295.3 | 289.5 | 285.4 | 282.2 | 278.6 | 276.0 |
| 35°    | 325.2 | 313.7 | 303.1 | 292.3 | 284.9 | 278.1 | 271.2 | 267.7 | 264.7 | 261.4 | 259.0 |
| 37.5°  | 305.7 | 294.9 | 284.8 | 274.6 | 265.5 | 259.9 | 254.5 | 251.8 | 247.6 | 245.4 | 243.1 |
| 40°    | 293.7 | 283.1 | 272.3 | 262.4 | 253.0 | 248.7 | 243.8 | 239.7 | 236.0 | 234.3 | 231.8 |
| 42.5°  | 280.4 | 269.8 | 260.7 | 250.1 | 242.4 | 236.6 | 232.1 | 227.7 | 224.9 | 222.5 | 221.1 |
| 45°    | 260.9 | 251.6 | 242.6 | 232.0 | 224.7 | 219.7 | 214.6 | 210.6 | 208.0 | 206.3 | 203.8 |
| 47.5°  | 242.0 | 232.6 | 223.5 | 214.3 | 207.2 | 201.6 | 196.3 | 193.6 | 190.2 | 188.1 | 186.4 |
| 50°    | 228.2 | 219.7 | 210.2 | 201.7 | 194.6 | 188.9 | 184.7 | 181.2 | 178.1 | 175.5 | 174.3 |
| 52.5°  | 215.6 | 206.6 | 198.2 | 190.4 | 182.9 | 176.5 | 172.7 | 169.0 | 166.6 | 163.7 | 162.3 |
| 55°    | 194.8 | 186.1 | 179.0 | 171.3 | 164.0 | 158.5 | 153.9 | 150.6 | 148.2 | 144.9 | 143.1 |
| 57.5°  | 175.3 | 167.4 | 159.1 | 152.3 | 144.8 | 140.3 | 136.3 | 131.9 | 129.0 | 126.4 | 124.5 |
| 60°    | 162.1 | 153.2 | 145.8 | 139.6 | 132.9 | 127.0 | 123.5 | 120.0 | 116.9 | 114.3 | 112.7 |
| 62.5°  | 148.3 | 140.6 | 133.6 | 126.7 | 120.7 | 115.5 | 111.5 | 108.6 | 105.8 | 104.2 | 102.5 |
| 65°    | 127.2 | 121.2 | 114.1 | 108.5 | 102.8 | 99.1  | 95.7  | 93.2  | 91.3  | 90.1  | 88.7  |
| 67.5°  | 107.9 | 102.0 | 95.8  | 90.3  | 86.4  | 83.6  | 81.5  | 79.3  | 78.3  | 76.7  | 75.8  |
| 70°    | 95.3  | 89.2  | 83.7  | 79.5  | 75.7  | 73.6  | 72.2  | 70.6  | 69.7  | 67.8  | 66.9  |
| 72.5°  | 81.6  | 77.2  | 73.2  | 69.8  | 66.8  | 64.8  | 63.0  | 61.0  | 59.5  | 57.4  | 56.5  |
| 75°    | 64.2  | 60.2  | 57.2  | 54.8  | 52.9  | 50.4  | 47.8  | 45.6  | 44.9  | 44.2  | 44.0  |
| 77.5°  | 47.6  | 45.0  | 42.8  | 40.8  | 38.5  | 36.7  | 36.1  | 35.5  | 35.4  | 35.0  | 35.0  |
| 80°    | 37.4  | 35.0  | 33.4  | 31.1  | 29.7  | 29.7  | 29.7  | 29.2  | 29.4  | 29.4  | 29.4  |
| 82.5°  | 27.8  | 25.7  | 24.7  | 23.9  | 23.6  | 23.8  | 23.8  | 23.9  | 23.7  | 24.1  | 23.9  |
| 85°    | 14.3  | 14.5  | 15.0  | 14.8  | 15.0  | 15.0  | 15.6  | 15.2  | 15.6  | 15.0  | 15.6  |
| 87.5°  | 6.4   | 7.3   | 7.8   | 8.3   | 8.8   | 9.0   | 9.3   | 9.4   | 9.7   | 9.8   | 9.8   |
| 90°    | 5.7   | 7.2   | 8.8   | 10.5  | 12.1  | 13.8  | 14.3  | 14.8  | 15.3  | 15.9  | 16.3  |
| 92.5°  | 9.3   | 9.7   | 11.0  | 12.2  | 13.5  | 14.7  | 15.6  | 16.4  | 17.2  | 18.0  | 18.5  |
| 95°    | 14.1  | 12.2  | 13.6  | 15.0  | 16.5  | 17.9  | 18.8  | 19.7  | 20.5  | 21.4  | 21.9  |
| 97.5°  | 61.2  | 55.4  | 46.2  | 37.0  | 27.8  | 18.6  | 19.6  | 20.6  | 21.6  | 22.6  | 23.2  |
| 100°   | 107.6 | 98.9  | 78.9  | 59.0  | 39.0  | 19.0  | 20.0  | 21.0  | 22.1  | 23.1  | 23.6  |
| 102.5° | 135.1 | 125.1 | 103.3 | 81.5  | 59.7  | 37.9  | 34.7  | 31.5  | 28.4  | 25.2  | 23.7  |
| 105°   | 177.2 | 172.2 | 160.7 | 149.2 | 137.6 | 126.1 | 103.5 | 80.8  | 58.2  | 35.5  | 24.3  |
| 107.5° | 222.5 | 223.9 | 225.7 | 227.5 | 229.3 | 231.2 | 214.6 | 197.9 | 181.4 | 164.7 | 147.9 |
| 110°   | 252.9 | 254.2 | 255.5 | 256.9 | 258.3 | 259.7 | 255.5 | 251.4 | 247.1 | 242.9 | 231.6 |



TEST NUMBER: P332246-840

CATALOG NUMBER: S123RDIP-S340D585U840-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 110°  | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  | 150°  | 155°  | 160°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 282.0 | 283.2 | 284.6 | 286.0 | 287.4 | 288.8 | 288.9 | 288.9 | 289.0 | 289.1 | 287.2 |
| 115°   | 325.1 | 326.0 | 327.2 | 328.3 | 329.4 | 330.6 | 331.9 | 333.2 | 334.5 | 335.8 | 336.6 |
| 117.5° | 368.0 | 368.8 | 369.4 | 370.0 | 370.6 | 371.1 | 372.2 | 373.2 | 374.3 | 375.3 | 375.9 |
| 120°   | 395.2 | 395.9 | 396.3 | 396.7 | 397.1 | 397.4 | 398.5 | 399.5 | 400.5 | 401.5 | 402.0 |
| 122.5° | 421.0 | 421.7 | 422.2 | 422.7 | 423.2 | 423.7 | 424.4 | 425.2 | 425.9 | 426.6 | 427.0 |
| 125°   | 458.0 | 458.8 | 459.3 | 459.8 | 460.3 | 460.8 | 461.0 | 461.3 | 461.5 | 461.8 | 462.1 |
| 127.5° | 493.4 | 494.2 | 494.8 | 495.5 | 496.1 | 496.8 | 497.2 | 497.6 | 498.0 | 498.4 | 498.5 |
| 130°   | 515.5 | 516.3 | 516.8 | 517.4 | 517.9 | 518.4 | 518.9 | 519.4 | 519.9 | 520.4 | 520.6 |
| 132.5° | 536.7 | 537.5 | 537.9 | 538.3 | 538.7 | 539.2 | 539.7 | 540.2 | 540.7 | 541.2 | 541.3 |
| 135°   | 568.2 | 568.8 | 569.3 | 569.8 | 570.3 | 570.8 | 571.2 | 571.6 | 572.0 | 572.3 | 572.3 |
| 137.5° | 596.5 | 597.2 | 597.4 | 597.7 | 598.0 | 598.3 | 599.0 | 599.6 | 600.2 | 600.8 | 601.0 |
| 140°   | 614.2 | 614.8 | 615.1 | 615.5 | 615.9 | 616.3 | 616.8 | 617.3 | 617.8 | 618.3 | 618.4 |
| 142.5° | 631.3 | 631.8 | 632.2 | 632.6 | 633.0 | 633.4 | 633.8 | 634.2 | 634.6 | 635.0 | 635.0 |
| 145°   | 655.6 | 656.2 | 656.4 | 656.7 | 656.9 | 657.2 | 657.4 | 657.7 | 657.9 | 658.2 | 658.3 |
| 147.5° | 676.8 | 677.2 | 677.5 | 677.7 | 678.0 | 678.3 | 678.5 | 678.8 | 679.0 | 679.3 | 679.1 |
| 150°   | 689.8 | 690.1 | 690.4 | 690.6 | 690.9 | 691.2 | 691.5 | 691.7 | 692.0 | 692.2 | 692.2 |
| 152.5° | 701.5 | 701.7 | 701.8 | 702.0 | 702.1 | 702.3 | 702.7 | 703.2 | 703.6 | 704.1 | 704.0 |
| 155°   | 717.2 | 717.2 | 717.3 | 717.4 | 717.5 | 717.7 | 718.3 | 718.9 | 719.6 | 720.2 | 720.1 |
| 157.5° | 731.7 | 731.6 | 731.5 | 731.4 | 731.2 | 731.1 | 732.0 | 732.7 | 733.5 | 734.3 | 734.1 |
| 160°   | 739.6 | 739.5 | 739.3 | 739.2 | 739.1 | 739.0 | 739.7 | 740.5 | 741.2 | 742.0 | 741.9 |
| 162.5° | 746.6 | 746.4 | 746.3 | 746.2 | 746.0 | 745.9 | 746.8 | 747.6 | 748.5 | 749.4 | 749.4 |
| 165°   | 755.9 | 755.6 | 755.5 | 755.4 | 755.3 | 755.1 | 756.2 | 757.2 | 758.2 | 759.2 | 759.3 |
| 167.5° | 762.8 | 762.4 | 762.4 | 762.4 | 762.4 | 762.4 | 763.6 | 764.6 | 765.6 | 766.6 | 766.6 |
| 170°   | 766.9 | 766.6 | 766.6 | 766.6 | 766.6 | 766.6 | 767.7 | 768.7 | 769.7 | 770.7 | 770.7 |
| 172.5° | 769.2 | 769.0 | 769.1 | 769.2 | 769.3 | 769.4 | 770.4 | 771.4 | 772.4 | 773.5 | 773.5 |
| 175°   | 772.7 | 772.4 | 772.5 | 772.7 | 772.8 | 773.0 | 773.9 | 774.8 | 775.7 | 776.6 | 776.5 |
| 177.5° | 774.2 | 774.0 | 774.1 | 774.2 | 774.3 | 774.4 | 775.2 | 776.0 | 776.8 | 777.6 | 777.5 |
| 180°   | 775.3 | 775.3 | 775.3 | 775.3 | 775.3 | 775.3 | 775.3 | 775.3 | 775.3 | 775.3 | 775.3 |



TEST NUMBER: P332246-840

CATALOG NUMBER: S123RDIP-S340D585U840-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  | 200°  | 205°  | 210°  | 215°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 549.6 | 549.6 | 549.6 | 549.6 | 549.6 | 549.6 | 549.6 | 549.6 | 549.6 | 549.6 | 549.6 |
| 2.5°   | 523.6 | 523.4 | 523.6 | 522.9 | 523.6 | 523.4 | 523.6 | 525.9 | 525.9 | 526.0 | 526.2 |
| 5°     | 487.3 | 487.1 | 486.4 | 484.2 | 486.4 | 487.1 | 487.3 | 488.0 | 489.9 | 493.1 | 492.2 |
| 7.5°   | 455.4 | 455.1 | 453.1 | 453.1 | 453.1 | 455.1 | 455.4 | 457.4 | 459.5 | 461.5 | 463.8 |
| 10°    | 436.7 | 436.9 | 434.0 | 432.4 | 434.0 | 436.9 | 436.7 | 438.3 | 441.4 | 443.0 | 444.6 |
| 12.5°  | 418.4 | 417.4 | 415.1 | 413.2 | 415.1 | 417.4 | 418.4 | 419.7 | 423.8 | 425.8 | 428.9 |
| 15°    | 394.4 | 391.9 | 386.4 | 386.8 | 386.4 | 391.9 | 394.4 | 393.3 | 397.6 | 400.0 | 400.9 |
| 17.5°  | 366.0 | 364.3 | 364.2 | 360.8 | 364.2 | 364.3 | 366.0 | 367.8 | 371.5 | 374.1 | 380.8 |
| 20°    | 349.4 | 348.2 | 348.7 | 345.4 | 348.7 | 348.2 | 349.4 | 353.1 | 355.5 | 358.8 | 364.3 |
| 22.5°  | 336.4 | 335.2 | 333.3 | 332.2 | 333.3 | 335.2 | 336.4 | 339.0 | 341.5 | 346.2 | 349.1 |
| 25°    | 317.4 | 315.5 | 313.7 | 314.8 | 313.7 | 315.5 | 317.4 | 318.8 | 323.5 | 325.6 | 329.8 |
| 27.5°  | 298.4 | 297.0 | 295.1 | 294.9 | 295.1 | 297.0 | 298.4 | 299.7 | 302.4 | 305.9 | 311.0 |
| 30°    | 286.3 | 284.9 | 284.0 | 282.8 | 284.0 | 284.9 | 286.3 | 287.5 | 290.1 | 293.9 | 297.6 |
| 32.5°  | 274.1 | 273.8 | 272.2 | 271.9 | 272.2 | 273.8 | 274.1 | 276.0 | 278.6 | 282.2 | 285.4 |
| 35°    | 258.1 | 256.7 | 256.2 | 256.4 | 256.2 | 256.7 | 258.1 | 259.0 | 261.4 | 264.7 | 267.7 |
| 37.5°  | 242.9 | 241.1 | 240.1 | 239.3 | 240.1 | 241.1 | 242.9 | 243.1 | 245.4 | 247.6 | 251.8 |
| 40°    | 232.0 | 230.1 | 229.6 | 229.1 | 229.6 | 230.1 | 232.0 | 231.8 | 234.3 | 236.0 | 239.7 |
| 42.5°  | 219.7 | 219.0 | 218.7 | 217.8 | 218.7 | 219.0 | 219.7 | 221.1 | 222.5 | 224.9 | 227.7 |
| 45°    | 203.1 | 202.8 | 201.4 | 201.9 | 201.4 | 202.8 | 203.1 | 203.8 | 206.3 | 208.0 | 210.6 |
| 47.5°  | 185.4 | 184.4 | 183.4 | 184.1 | 183.4 | 184.4 | 185.4 | 186.4 | 188.1 | 190.2 | 193.6 |
| 50°    | 173.4 | 172.9 | 170.8 | 171.3 | 170.8 | 172.9 | 173.4 | 174.3 | 175.5 | 178.1 | 181.2 |
| 52.5°  | 161.4 | 159.6 | 158.8 | 158.4 | 158.8 | 159.6 | 161.4 | 162.3 | 163.7 | 166.6 | 169.0 |
| 55°    | 141.4 | 139.3 | 138.4 | 137.8 | 138.4 | 139.3 | 141.4 | 143.1 | 144.9 | 148.2 | 150.6 |
| 57.5°  | 121.8 | 121.3 | 120.5 | 121.0 | 120.5 | 121.3 | 121.8 | 124.5 | 126.4 | 129.0 | 131.9 |
| 60°    | 110.4 | 110.4 | 110.4 | 110.1 | 110.4 | 110.4 | 110.4 | 112.7 | 114.3 | 116.9 | 120.0 |
| 62.5°  | 101.5 | 100.9 | 100.8 | 101.1 | 100.8 | 100.9 | 101.5 | 102.5 | 104.2 | 105.8 | 108.6 |
| 65°    | 88.0  | 87.8  | 86.8  | 86.5  | 86.8  | 87.8  | 88.0  | 88.7  | 90.1  | 91.3  | 93.2  |
| 67.5°  | 75.2  | 74.4  | 74.1  | 73.8  | 74.1  | 74.4  | 75.2  | 75.8  | 76.7  | 78.3  | 79.3  |
| 70°    | 65.6  | 65.1  | 63.7  | 64.0  | 63.7  | 65.1  | 65.6  | 66.9  | 67.8  | 69.7  | 70.6  |
| 72.5°  | 55.3  | 54.8  | 54.5  | 54.2  | 54.5  | 54.8  | 55.3  | 56.5  | 57.4  | 59.5  | 61.0  |
| 75°    | 43.7  | 43.5  | 43.3  | 44.2  | 43.3  | 43.5  | 43.7  | 44.0  | 44.2  | 44.9  | 45.6  |
| 77.5°  | 35.0  | 35.0  | 35.2  | 34.8  | 35.2  | 35.0  | 35.0  | 35.0  | 35.0  | 35.4  | 35.5  |
| 80°    | 29.4  | 29.4  | 29.2  | 29.2  | 29.2  | 29.4  | 29.4  | 29.4  | 29.4  | 29.4  | 29.2  |
| 82.5°  | 23.5  | 23.7  | 23.9  | 23.5  | 23.9  | 23.7  | 23.5  | 23.9  | 24.1  | 23.7  | 23.9  |
| 85°    | 15.6  | 15.2  | 15.8  | 15.6  | 15.8  | 15.2  | 15.6  | 15.6  | 15.0  | 15.6  | 15.2  |
| 87.5°  | 10.3  | 9.9   | 10.0  | 10.2  | 10.0  | 9.9   | 10.3  | 9.8   | 9.8   | 9.7   | 9.4   |
| 90°    | 16.6  | 16.8  | 17.1  | 17.3  | 17.1  | 16.8  | 16.6  | 16.3  | 15.9  | 15.3  | 14.8  |
| 92.5°  | 18.7  | 18.8  | 19.0  | 19.1  | 19.0  | 18.8  | 18.7  | 18.5  | 18.0  | 17.2  | 16.4  |
| 95°    | 21.9  | 21.9  | 21.9  | 21.9  | 21.9  | 21.9  | 21.9  | 21.9  | 21.4  | 20.5  | 19.7  |
| 97.5°  | 23.3  | 23.4  | 23.6  | 23.7  | 23.6  | 23.4  | 23.3  | 23.2  | 22.6  | 21.6  | 20.6  |
| 100°   | 23.8  | 23.9  | 24.0  | 24.2  | 24.0  | 23.9  | 23.8  | 23.6  | 23.1  | 22.1  | 21.0  |
| 102.5° | 23.9  | 24.2  | 24.4  | 24.6  | 24.4  | 24.2  | 23.9  | 23.7  | 25.2  | 28.4  | 31.5  |
| 105°   | 24.5  | 24.8  | 25.0  | 25.3  | 25.0  | 24.8  | 24.5  | 24.3  | 35.5  | 58.2  | 80.8  |
| 107.5° | 130.8 | 113.7 | 96.6  | 79.6  | 96.6  | 113.7 | 130.8 | 147.9 | 164.7 | 181.4 | 197.9 |
| 110°   | 213.3 | 195.0 | 176.7 | 158.3 | 176.7 | 195.0 | 213.3 | 231.6 | 242.9 | 247.1 | 251.4 |



TEST NUMBER: P332246-840

CATALOG NUMBER: S123RDIP-S340D585U840-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  | 200°  | 205°  | 210°  | 215°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 283.4 | 279.4 | 275.6 | 271.8 | 275.6 | 279.4 | 283.4 | 287.2 | 289.1 | 289.0 | 288.9 |
| 115°   | 337.1 | 337.7 | 338.2 | 338.7 | 338.2 | 337.7 | 337.1 | 336.6 | 335.8 | 334.5 | 333.2 |
| 117.5° | 376.0 | 376.1 | 376.2 | 376.3 | 376.2 | 376.1 | 376.0 | 375.9 | 375.3 | 374.3 | 373.2 |
| 120°   | 402.0 | 402.0 | 402.0 | 402.0 | 402.0 | 402.0 | 402.0 | 402.0 | 401.5 | 400.5 | 399.5 |
| 122.5° | 427.1 | 427.2 | 427.3 | 427.4 | 427.3 | 427.2 | 427.1 | 427.0 | 426.6 | 425.9 | 425.2 |
| 125°   | 462.3 | 462.6 | 462.8 | 463.1 | 462.8 | 462.6 | 462.3 | 462.1 | 461.8 | 461.5 | 461.3 |
| 127.5° | 498.2 | 498.0 | 497.7 | 497.5 | 497.7 | 498.0 | 498.2 | 498.5 | 498.4 | 498.0 | 497.6 |
| 130°   | 520.3 | 520.1 | 519.8 | 519.6 | 519.8 | 520.1 | 520.3 | 520.6 | 520.4 | 519.9 | 519.4 |
| 132.5° | 540.9 | 540.5 | 540.2 | 539.8 | 540.2 | 540.5 | 540.9 | 541.3 | 541.2 | 540.7 | 540.2 |
| 135°   | 572.0 | 571.6 | 571.2 | 570.8 | 571.2 | 571.6 | 572.0 | 572.3 | 572.3 | 572.0 | 571.6 |
| 137.5° | 600.7 | 600.5 | 600.2 | 600.0 | 600.2 | 600.5 | 600.7 | 601.0 | 600.8 | 600.2 | 599.6 |
| 140°   | 618.2 | 617.9 | 617.7 | 617.4 | 617.7 | 617.9 | 618.2 | 618.4 | 618.3 | 617.8 | 617.3 |
| 142.5° | 634.7 | 634.3 | 633.9 | 633.6 | 633.9 | 634.3 | 634.7 | 635.0 | 635.0 | 634.6 | 634.2 |
| 145°   | 658.3 | 658.3 | 658.3 | 658.3 | 658.3 | 658.3 | 658.3 | 658.3 | 658.2 | 657.9 | 657.7 |
| 147.5° | 678.5 | 677.9 | 677.4 | 676.8 | 677.4 | 677.9 | 678.5 | 679.1 | 679.3 | 679.0 | 678.8 |
| 150°   | 691.8 | 691.4 | 690.9 | 690.6 | 690.9 | 691.4 | 691.8 | 692.2 | 692.2 | 692.0 | 691.7 |
| 152.5° | 703.5 | 702.9 | 702.3 | 701.7 | 702.3 | 702.9 | 703.5 | 704.0 | 704.1 | 703.6 | 703.2 |
| 155°   | 719.4 | 718.6 | 717.9 | 717.1 | 717.9 | 718.6 | 719.4 | 720.1 | 720.2 | 719.6 | 718.9 |
| 157.5° | 733.1 | 732.2 | 731.1 | 730.1 | 731.1 | 732.2 | 733.1 | 734.1 | 734.3 | 733.5 | 732.7 |
| 160°   | 741.1 | 740.2 | 739.3 | 738.4 | 739.3 | 740.2 | 741.1 | 741.9 | 742.0 | 741.2 | 740.5 |
| 162.5° | 748.6 | 747.8 | 747.0 | 746.3 | 747.0 | 747.8 | 748.6 | 749.4 | 749.4 | 748.5 | 747.6 |
| 165°   | 758.4 | 757.5 | 756.6 | 755.7 | 756.6 | 757.5 | 758.4 | 759.3 | 759.2 | 758.2 | 757.2 |
| 167.5° | 765.6 | 764.6 | 763.6 | 762.4 | 763.6 | 764.6 | 765.6 | 766.6 | 766.6 | 765.6 | 764.6 |
| 170°   | 769.7 | 768.7 | 767.7 | 766.6 | 767.7 | 768.7 | 769.7 | 770.7 | 770.7 | 769.7 | 768.7 |
| 172.5° | 772.3 | 771.2 | 770.0 | 768.9 | 770.0 | 771.2 | 772.3 | 773.5 | 773.5 | 772.4 | 771.4 |
| 175°   | 775.5 | 774.5 | 773.5 | 772.3 | 773.5 | 774.5 | 775.5 | 776.5 | 776.6 | 775.7 | 774.8 |
| 177.5° | 776.5 | 775.5 | 774.5 | 773.5 | 774.5 | 775.5 | 776.5 | 777.5 | 777.6 | 776.8 | 776.0 |
| 180°   | 775.3 | 775.3 | 775.3 | 775.3 | 775.3 | 775.3 | 775.3 | 775.3 | 775.3 | 775.3 | 775.3 |



TEST NUMBER: P332246-840

CATALOG NUMBER: S123RDIP-S340D585U840-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  | 250°  | 255°  | 260°  | 265°  | 270°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 549.6 | 549.6 | 549.6 | 549.6 | 549.6 | 549.6 | 549.6 | 549.6 | 549.6 | 549.6 | 549.6 |
| 2.5°   | 524.6 | 527.3 | 529.9 | 532.3 | 536.0 | 537.8 | 540.2 | 541.2 | 543.9 | 548.1 | 551.5 |
| 5°     | 492.7 | 496.4 | 501.4 | 505.3 | 511.7 | 516.6 | 522.1 | 527.3 | 533.4 | 542.1 | 549.9 |
| 7.5°   | 465.6 | 469.3 | 475.2 | 482.7 | 489.7 | 496.8 | 504.1 | 511.2 | 519.9 | 532.4 | 544.7 |
| 10°    | 447.8 | 452.2 | 459.3 | 467.3 | 475.9 | 482.8 | 491.5 | 500.4 | 511.3 | 525.6 | 540.5 |
| 12.5°  | 432.3 | 435.7 | 443.8 | 451.4 | 461.3 | 470.0 | 478.5 | 489.0 | 501.3 | 516.5 | 534.4 |
| 15°    | 407.8 | 412.4 | 420.4 | 428.9 | 439.3 | 448.5 | 459.5 | 472.2 | 484.2 | 503.0 | 524.6 |
| 17.5°  | 383.0 | 390.2 | 398.6 | 408.1 | 415.8 | 428.5 | 440.4 | 453.4 | 468.3 | 488.2 | 512.0 |
| 20°    | 367.3 | 372.9 | 380.7 | 394.6 | 404.7 | 414.3 | 425.4 | 441.6 | 455.2 | 477.9 | 502.5 |
| 22.5°  | 353.9 | 358.0 | 366.8 | 378.2 | 390.0 | 401.1 | 412.4 | 427.9 | 444.7 | 466.2 | 492.9 |
| 25°    | 334.1 | 340.7 | 347.3 | 355.5 | 368.2 | 381.6 | 393.8 | 407.1 | 425.0 | 447.8 | 476.7 |
| 27.5°  | 314.8 | 320.7 | 327.2 | 337.3 | 347.0 | 359.5 | 372.3 | 387.4 | 406.6 | 430.7 | 460.1 |
| 30°    | 302.4 | 306.8 | 313.0 | 325.9 | 334.6 | 345.4 | 360.4 | 373.9 | 391.7 | 417.4 | 448.5 |
| 32.5°  | 289.5 | 295.3 | 302.1 | 311.9 | 322.8 | 333.0 | 346.7 | 361.2 | 379.5 | 404.8 | 436.6 |
| 35°    | 271.2 | 278.1 | 284.9 | 292.3 | 303.1 | 313.7 | 325.2 | 341.1 | 359.7 | 384.3 | 415.5 |
| 37.5°  | 254.5 | 259.9 | 265.5 | 274.6 | 284.8 | 294.9 | 305.7 | 321.4 | 338.9 | 365.4 | 394.0 |
| 40°    | 243.8 | 248.7 | 253.0 | 262.4 | 272.3 | 283.1 | 293.7 | 307.5 | 326.3 | 351.0 | 378.8 |
| 42.5°  | 232.1 | 236.6 | 242.4 | 250.1 | 260.7 | 269.8 | 280.4 | 293.6 | 311.2 | 336.4 | 360.7 |
| 45°    | 214.6 | 219.7 | 224.7 | 232.0 | 242.6 | 251.6 | 260.9 | 273.4 | 291.5 | 312.3 | 333.9 |
| 47.5°  | 196.3 | 201.6 | 207.2 | 214.3 | 223.5 | 232.6 | 242.0 | 253.0 | 269.5 | 289.8 | 304.5 |
| 50°    | 184.7 | 188.9 | 194.6 | 201.7 | 210.2 | 219.7 | 228.2 | 240.2 | 256.0 | 272.0 | 284.7 |
| 52.5°  | 172.7 | 176.5 | 182.9 | 190.4 | 198.2 | 206.6 | 215.6 | 225.9 | 240.1 | 255.2 | 265.3 |
| 55°    | 153.9 | 158.5 | 164.0 | 171.3 | 179.0 | 186.1 | 194.8 | 205.4 | 216.7 | 228.0 | 234.8 |
| 57.5°  | 136.3 | 140.3 | 144.8 | 152.3 | 159.1 | 167.4 | 175.3 | 183.5 | 194.0 | 202.5 | 206.9 |
| 60°    | 123.5 | 127.0 | 132.9 | 139.6 | 145.8 | 153.2 | 162.1 | 170.4 | 178.3 | 185.2 | 188.6 |
| 62.5°  | 111.5 | 115.5 | 120.7 | 126.7 | 133.6 | 140.6 | 148.3 | 155.3 | 162.4 | 168.2 | 170.7 |
| 65°    | 95.7  | 99.1  | 102.8 | 108.5 | 114.1 | 121.2 | 127.2 | 134.3 | 139.6 | 142.8 | 144.9 |
| 67.5°  | 81.5  | 83.6  | 86.4  | 90.3  | 95.8  | 102.0 | 107.9 | 113.4 | 117.8 | 120.0 | 121.9 |
| 70°    | 72.2  | 73.6  | 75.7  | 79.5  | 83.7  | 89.2  | 95.3  | 99.3  | 103.0 | 104.9 | 106.8 |
| 72.5°  | 63.0  | 64.8  | 66.8  | 69.8  | 73.2  | 77.2  | 81.6  | 86.4  | 88.6  | 90.8  | 91.9  |
| 75°    | 47.8  | 50.4  | 52.9  | 54.8  | 57.2  | 60.2  | 64.2  | 67.3  | 68.5  | 70.4  | 70.6  |
| 77.5°  | 36.1  | 36.7  | 38.5  | 40.8  | 42.8  | 45.0  | 47.6  | 50.3  | 50.9  | 51.8  | 52.5  |
| 80°    | 29.7  | 29.7  | 29.7  | 31.1  | 33.4  | 35.0  | 37.4  | 38.8  | 39.8  | 40.0  | 40.2  |
| 82.5°  | 23.8  | 23.8  | 23.6  | 23.9  | 24.7  | 25.7  | 27.8  | 29.4  | 30.2  | 30.0  | 29.5  |
| 85°    | 15.6  | 15.0  | 15.0  | 14.8  | 15.0  | 14.5  | 14.3  | 15.2  | 16.7  | 16.7  | 16.3  |
| 87.5°  | 9.3   | 9.0   | 8.8   | 8.3   | 7.8   | 7.3   | 6.4   | 6.4   | 6.1   | 6.6   | 6.2   |
| 90°    | 14.3  | 13.8  | 12.1  | 10.5  | 8.8   | 7.2   | 5.7   | 4.4   | 3.1   | 1.8   | 0.6   |
| 92.5°  | 15.6  | 14.7  | 13.5  | 12.2  | 11.0  | 9.7   | 9.3   | 9.6   | 10.0  | 10.4  | 10.7  |
| 95°    | 18.8  | 17.9  | 16.5  | 15.0  | 13.6  | 12.2  | 14.1  | 19.4  | 24.6  | 29.9  | 35.1  |
| 97.5°  | 19.6  | 18.6  | 27.8  | 37.0  | 46.2  | 55.4  | 61.2  | 63.5  | 65.9  | 68.3  | 70.6  |
| 100°   | 20.0  | 19.0  | 39.0  | 59.0  | 78.9  | 98.9  | 107.6 | 105.0 | 102.5 | 99.9  | 97.4  |
| 102.5° | 34.7  | 37.9  | 59.7  | 81.5  | 103.3 | 125.1 | 135.1 | 133.3 | 131.5 | 129.6 | 127.7 |
| 105°   | 103.5 | 126.1 | 137.6 | 149.2 | 160.7 | 172.2 | 177.2 | 175.8 | 174.5 | 173.1 | 171.7 |
| 107.5° | 214.6 | 231.2 | 229.3 | 227.5 | 225.7 | 223.9 | 222.5 | 221.4 | 220.3 | 219.0 | 217.9 |
| 110°   | 255.5 | 259.7 | 258.3 | 256.9 | 255.5 | 254.2 | 252.9 | 251.9 | 250.9 | 249.8 | 248.8 |



TEST NUMBER: P332246-840

CATALOG NUMBER: S123RDIP-S340D585U840-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  | 250°  | 255°  | 260°  | 265°  | 270°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 288.9 | 288.8 | 287.4 | 286.0 | 284.6 | 283.2 | 282.0 | 281.0 | 280.1 | 279.2 | 278.3 |
| 115°   | 331.9 | 330.6 | 329.4 | 328.3 | 327.2 | 326.0 | 325.1 | 324.3 | 323.5 | 322.8 | 321.9 |
| 117.5° | 372.2 | 371.1 | 370.6 | 370.0 | 369.4 | 368.8 | 368.0 | 367.1 | 366.2 | 365.2 | 364.3 |
| 120°   | 398.5 | 397.4 | 397.1 | 396.7 | 396.3 | 395.9 | 395.2 | 393.9 | 392.8 | 391.6 | 390.5 |
| 122.5° | 424.4 | 423.7 | 423.2 | 422.7 | 422.2 | 421.7 | 421.0 | 420.1 | 419.1 | 418.2 | 417.3 |
| 125°   | 461.0 | 460.8 | 460.3 | 459.8 | 459.3 | 458.8 | 458.0 | 457.0 | 456.0 | 454.9 | 453.8 |
| 127.5° | 497.2 | 496.8 | 496.1 | 495.5 | 494.8 | 494.2 | 493.4 | 492.4 | 491.4 | 490.4 | 489.4 |
| 130°   | 518.9 | 518.4 | 517.9 | 517.4 | 516.8 | 516.3 | 515.5 | 514.5 | 513.5 | 512.5 | 511.5 |
| 132.5° | 539.7 | 539.2 | 538.7 | 538.3 | 537.9 | 537.5 | 536.7 | 535.7 | 534.7 | 533.7 | 532.7 |
| 135°   | 571.2 | 570.8 | 570.3 | 569.8 | 569.3 | 568.8 | 568.2 | 567.3 | 566.5 | 565.8 | 565.0 |
| 137.5° | 599.0 | 598.3 | 598.0 | 597.7 | 597.4 | 597.2 | 596.5 | 595.6 | 594.6 | 593.7 | 592.7 |
| 140°   | 616.8 | 616.3 | 615.9 | 615.5 | 615.1 | 614.8 | 614.2 | 613.4 | 612.7 | 611.9 | 611.1 |
| 142.5° | 633.8 | 633.4 | 633.0 | 632.6 | 632.2 | 631.8 | 631.3 | 630.5 | 629.8 | 628.9 | 628.1 |
| 145°   | 657.4 | 657.2 | 656.9 | 656.7 | 656.4 | 656.2 | 655.6 | 654.7 | 653.8 | 652.9 | 652.0 |
| 147.5° | 678.5 | 678.3 | 678.0 | 677.7 | 677.5 | 677.2 | 676.8 | 676.2 | 675.7 | 675.1 | 674.5 |
| 150°   | 691.5 | 691.2 | 690.9 | 690.6 | 690.4 | 690.1 | 689.8 | 689.4 | 689.0 | 688.7 | 688.3 |
| 152.5° | 702.7 | 702.3 | 702.1 | 702.0 | 701.8 | 701.7 | 701.5 | 701.3 | 701.0 | 700.9 | 700.7 |
| 155°   | 718.3 | 717.7 | 717.5 | 717.4 | 717.3 | 717.2 | 717.2 | 717.5 | 717.7 | 718.0 | 718.2 |
| 157.5° | 732.0 | 731.1 | 731.2 | 731.4 | 731.5 | 731.6 | 731.7 | 731.7 | 731.7 | 731.8 | 731.8 |
| 160°   | 739.7 | 739.0 | 739.1 | 739.2 | 739.3 | 739.5 | 739.6 | 739.7 | 739.9 | 740.0 | 740.1 |
| 162.5° | 746.8 | 745.9 | 746.0 | 746.2 | 746.3 | 746.4 | 746.6 | 747.0 | 747.3 | 747.6 | 748.0 |
| 165°   | 756.2 | 755.1 | 755.3 | 755.4 | 755.5 | 755.6 | 755.9 | 756.3 | 756.7 | 757.0 | 757.4 |
| 167.5° | 763.6 | 762.4 | 762.4 | 762.4 | 762.4 | 762.4 | 762.8 | 763.3 | 763.8 | 764.3 | 764.8 |
| 170°   | 767.7 | 766.6 | 766.6 | 766.6 | 766.6 | 766.6 | 766.9 | 767.4 | 767.9 | 768.4 | 768.9 |
| 172.5° | 770.4 | 769.4 | 769.3 | 769.2 | 769.1 | 769.0 | 769.2 | 769.8 | 770.4 | 771.1 | 771.7 |
| 175°   | 773.9 | 773.0 | 772.8 | 772.7 | 772.5 | 772.4 | 772.7 | 773.4 | 774.0 | 774.7 | 775.3 |
| 177.5° | 775.2 | 774.4 | 774.3 | 774.2 | 774.1 | 774.0 | 774.2 | 774.7 | 775.2 | 775.7 | 776.2 |
| 180°   | 775.3 | 775.3 | 775.3 | 775.3 | 775.3 | 775.3 | 775.3 | 775.3 | 775.3 | 775.3 | 775.3 |



TEST NUMBER: P332246-840

CATALOG NUMBER: S123RDIP-S340D585U840-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 275°  | 280°  | 285°  | 290°  | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 549.6 | 549.6 | 549.6 | 549.6 | 549.6 | 549.6 | 549.6 | 549.6 | 549.6 | 549.6 | 549.6 |
| 2.5°   | 552.6 | 554.7 | 557.3 | 561.3 | 564.3 | 566.9 | 567.4 | 568.3 | 570.2 | 573.3 | 575.7 |
| 5°     | 556.2 | 561.6 | 570.3 | 578.8 | 587.9 | 595.5 | 602.6 | 607.5 | 612.2 | 622.1 | 630.1 |
| 7.5°   | 555.0 | 567.1 | 580.8 | 595.9 | 611.4 | 626.2 | 640.1 | 652.5 | 664.8 | 679.2 | 695.6 |
| 10°    | 554.3 | 568.5 | 586.8 | 606.3 | 627.7 | 648.6 | 668.9 | 684.7 | 703.0 | 719.5 | 740.4 |
| 12.5°  | 550.8 | 571.1 | 593.0 | 617.9 | 644.3 | 668.4 | 695.1 | 716.8 | 737.8 | 761.6 | 786.0 |
| 15°    | 546.0 | 570.8 | 598.5 | 631.7 | 671.8 | 700.8 | 728.2 | 766.1 | 791.9 | 817.8 | 852.6 |
| 17.5°  | 537.6 | 567.7 | 602.4 | 645.5 | 678.8 | 718.1 | 759.1 | 789.1 | 823.9 | 860.4 | 891.9 |
| 20°    | 530.8 | 565.8 | 604.7 | 647.0 | 689.6 | 732.2 | 771.9 | 807.7 | 843.7 | 885.9 | 911.7 |
| 22.5°  | 524.0 | 558.7 | 599.1 | 644.0 | 689.7 | 734.7 | 779.6 | 821.6 | 862.1 | 904.6 | 937.7 |
| 25°    | 509.6 | 550.8 | 594.5 | 640.5 | 685.6 | 735.0 | 788.6 | 835.5 | 885.6 | 929.4 | 960.7 |
| 27.5°  | 495.0 | 532.8 | 576.3 | 622.9 | 673.1 | 731.4 | 794.6 | 847.8 | 898.0 | 929.4 | 939.2 |
| 30°    | 481.8 | 521.8 | 561.9 | 609.2 | 663.5 | 728.6 | 795.7 | 856.7 | 897.8 | 911.5 | 901.3 |
| 32.5°  | 468.5 | 504.7 | 544.3 | 592.8 | 650.5 | 721.6 | 797.2 | 851.4 | 876.2 | 865.8 | 824.6 |
| 35°    | 444.9 | 477.6 | 515.9 | 564.4 | 630.8 | 717.8 | 791.0 | 827.7 | 821.6 | 762.8 | 685.1 |
| 37.5°  | 419.7 | 446.4 | 481.8 | 532.5 | 610.4 | 702.6 | 764.3 | 769.7 | 716.7 | 626.4 | 536.7 |
| 40°    | 399.7 | 423.7 | 460.2 | 513.1 | 594.5 | 687.5 | 737.4 | 715.5 | 633.4 | 532.9 | 458.1 |
| 42.5°  | 380.3 | 400.6 | 435.8 | 492.8 | 579.5 | 666.9 | 697.3 | 649.6 | 554.9 | 459.9 | 391.8 |
| 45°    | 347.5 | 366.6 | 401.8 | 460.4 | 548.7 | 627.7 | 623.7 | 540.9 | 446.1 | 369.6 | 313.2 |
| 47.5°  | 316.4 | 333.1 | 366.2 | 426.0 | 512.5 | 568.9 | 531.5 | 443.3 | 362.9 | 301.5 | 261.3 |
| 50°    | 294.4 | 310.8 | 343.8 | 402.8 | 483.5 | 524.6 | 471.3 | 386.4 | 312.7 | 261.9 | 229.8 |
| 52.5°  | 273.3 | 289.3 | 319.4 | 377.0 | 448.5 | 473.1 | 415.8 | 337.0 | 275.6 | 231.8 | 204.3 |
| 55°    | 243.8 | 256.0 | 283.1 | 338.1 | 391.5 | 397.2 | 339.0 | 273.2 | 222.6 | 192.0 | 173.2 |
| 57.5°  | 213.7 | 224.2 | 251.0 | 294.8 | 332.2 | 329.3 | 274.3 | 217.2 | 183.2 | 160.5 | 146.8 |
| 60°    | 194.1 | 204.5 | 228.0 | 265.6 | 293.9 | 284.0 | 233.4 | 187.5 | 158.3 | 141.7 | 130.8 |
| 62.5°  | 175.8 | 183.9 | 206.0 | 233.5 | 253.8 | 242.6 | 199.5 | 161.6 | 138.4 | 124.3 | 115.7 |
| 65°    | 149.4 | 156.0 | 173.6 | 188.0 | 199.2 | 188.4 | 152.7 | 126.3 | 109.7 | 99.8  | 93.9  |
| 67.5°  | 124.3 | 128.5 | 139.6 | 144.8 | 152.8 | 140.9 | 114.8 | 97.1  | 87.7  | 79.4  | 75.2  |
| 70°    | 108.5 | 111.5 | 117.4 | 121.7 | 123.7 | 111.5 | 92.2  | 79.3  | 71.3  | 65.4  | 62.8  |
| 72.5°  | 92.6  | 95.3  | 96.5  | 100.0 | 98.9  | 87.5  | 74.1  | 63.8  | 58.1  | 54.1  | 50.8  |
| 75°    | 70.8  | 72.0  | 70.8  | 69.4  | 66.3  | 58.4  | 49.2  | 44.0  | 39.8  | 37.9  | 36.7  |
| 77.5°  | 51.6  | 51.2  | 49.7  | 47.5  | 42.2  | 37.2  | 32.2  | 30.5  | 28.7  | 27.7  | 27.3  |
| 80°    | 39.8  | 38.8  | 37.4  | 33.8  | 29.4  | 25.9  | 24.7  | 23.5  | 22.8  | 21.6  | 21.4  |
| 82.5°  | 29.6  | 29.0  | 26.7  | 23.7  | 20.6  | 18.9  | 18.0  | 17.5  | 16.8  | 16.2  | 16.2  |
| 85°    | 15.8  | 15.0  | 12.4  | 10.8  | 10.4  | 9.9   | 9.7   | 9.7   | 8.7   | 8.5   | 8.5   |
| 87.5°  | 5.5   | 4.5   | 4.6   | 4.3   | 4.6   | 4.5   | 5.2   | 5.0   | 5.3   | 5.5   | 5.3   |
| 90°    | 1.8   | 3.1   | 4.4   | 5.7   | 7.2   | 8.8   | 10.5  | 12.1  | 13.8  | 14.3  | 14.8  |
| 92.5°  | 10.4  | 10.0  | 9.6   | 9.3   | 9.7   | 11.0  | 12.2  | 13.5  | 14.7  | 15.6  | 16.4  |
| 95°    | 29.9  | 24.6  | 19.4  | 14.1  | 12.2  | 13.6  | 15.0  | 16.5  | 17.9  | 18.8  | 19.7  |
| 97.5°  | 68.3  | 65.9  | 63.5  | 61.2  | 55.4  | 46.2  | 37.0  | 27.8  | 18.6  | 19.6  | 20.6  |
| 100°   | 99.9  | 102.5 | 105.0 | 107.6 | 98.9  | 78.9  | 59.0  | 39.0  | 19.0  | 20.0  | 21.0  |
| 102.5° | 129.6 | 131.5 | 133.3 | 135.1 | 125.1 | 103.3 | 81.5  | 59.7  | 37.9  | 34.7  | 31.5  |
| 105°   | 173.1 | 174.5 | 175.8 | 177.2 | 172.2 | 160.7 | 149.2 | 137.6 | 126.1 | 103.5 | 80.8  |
| 107.5° | 219.0 | 220.3 | 221.4 | 222.5 | 223.9 | 225.7 | 227.5 | 229.3 | 231.2 | 214.6 | 197.9 |
| 110°   | 249.8 | 250.9 | 251.9 | 252.9 | 254.2 | 255.5 | 256.9 | 258.3 | 259.7 | 255.5 | 251.4 |





TEST NUMBER: P332246-840

CATALOG NUMBER: S123RDIP-S340D585U840-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 275°  | 280°  | 285°  | 290°  | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 279.2 | 280.1 | 281.0 | 282.0 | 283.2 | 284.6 | 286.0 | 287.4 | 288.8 | 288.9 | 288.9 |
| 115°   | 322.8 | 323.5 | 324.3 | 325.1 | 326.0 | 327.2 | 328.3 | 329.4 | 330.6 | 331.9 | 333.2 |
| 117.5° | 365.2 | 366.2 | 367.1 | 368.0 | 368.8 | 369.4 | 370.0 | 370.6 | 371.1 | 372.2 | 373.2 |
| 120°   | 391.6 | 392.8 | 393.9 | 395.2 | 395.9 | 396.3 | 396.7 | 397.1 | 397.4 | 398.5 | 399.5 |
| 122.5° | 418.2 | 419.1 | 420.1 | 421.0 | 421.7 | 422.2 | 422.7 | 423.2 | 423.7 | 424.4 | 425.2 |
| 125°   | 454.9 | 456.0 | 457.0 | 458.0 | 458.8 | 459.3 | 459.8 | 460.3 | 460.8 | 461.0 | 461.3 |
| 127.5° | 490.4 | 491.4 | 492.4 | 493.4 | 494.2 | 494.8 | 495.5 | 496.1 | 496.8 | 497.2 | 497.6 |
| 130°   | 512.5 | 513.5 | 514.5 | 515.5 | 516.3 | 516.8 | 517.4 | 517.9 | 518.4 | 518.9 | 519.4 |
| 132.5° | 533.7 | 534.7 | 535.7 | 536.7 | 537.5 | 537.9 | 538.3 | 538.7 | 539.2 | 539.7 | 540.2 |
| 135°   | 565.8 | 566.5 | 567.3 | 568.2 | 568.8 | 569.3 | 569.8 | 570.3 | 570.8 | 571.2 | 571.6 |
| 137.5° | 593.7 | 594.6 | 595.6 | 596.5 | 597.2 | 597.4 | 597.7 | 598.0 | 598.3 | 599.0 | 599.6 |
| 140°   | 611.9 | 612.7 | 613.4 | 614.2 | 614.8 | 615.1 | 615.5 | 615.9 | 616.3 | 616.8 | 617.3 |
| 142.5° | 628.9 | 629.8 | 630.5 | 631.3 | 631.8 | 632.2 | 632.6 | 633.0 | 633.4 | 633.8 | 634.2 |
| 145°   | 652.9 | 653.8 | 654.7 | 655.6 | 656.2 | 656.4 | 656.7 | 656.9 | 657.2 | 657.4 | 657.7 |
| 147.5° | 675.1 | 675.7 | 676.2 | 676.8 | 677.2 | 677.5 | 677.7 | 678.0 | 678.3 | 678.5 | 678.8 |
| 150°   | 688.7 | 689.0 | 689.4 | 689.8 | 690.1 | 690.4 | 690.6 | 690.9 | 691.2 | 691.5 | 691.7 |
| 152.5° | 700.9 | 701.0 | 701.3 | 701.5 | 701.7 | 701.8 | 702.0 | 702.1 | 702.3 | 702.7 | 703.2 |
| 155°   | 718.0 | 717.7 | 717.5 | 717.2 | 717.2 | 717.3 | 717.4 | 717.5 | 717.7 | 718.3 | 718.9 |
| 157.5° | 731.8 | 731.7 | 731.7 | 731.7 | 731.6 | 731.5 | 731.4 | 731.2 | 731.1 | 732.0 | 732.7 |
| 160°   | 740.0 | 739.9 | 739.7 | 739.6 | 739.5 | 739.3 | 739.2 | 739.1 | 739.0 | 739.7 | 740.5 |
| 162.5° | 747.6 | 747.3 | 747.0 | 746.6 | 746.4 | 746.3 | 746.2 | 746.0 | 745.9 | 746.8 | 747.6 |
| 165°   | 757.0 | 756.7 | 756.3 | 755.9 | 755.6 | 755.5 | 755.4 | 755.3 | 755.1 | 756.2 | 757.2 |
| 167.5° | 764.3 | 763.8 | 763.3 | 762.8 | 762.4 | 762.4 | 762.4 | 762.4 | 762.4 | 763.6 | 764.6 |
| 170°   | 768.4 | 767.9 | 767.4 | 766.9 | 766.6 | 766.6 | 766.6 | 766.6 | 766.6 | 767.7 | 768.7 |
| 172.5° | 771.1 | 770.4 | 769.8 | 769.2 | 769.0 | 769.1 | 769.2 | 769.3 | 769.4 | 770.4 | 771.4 |
| 175°   | 774.7 | 774.0 | 773.4 | 772.7 | 772.4 | 772.5 | 772.7 | 772.8 | 773.0 | 773.9 | 774.8 |
| 177.5° | 775.7 | 775.2 | 774.7 | 774.2 | 774.0 | 774.1 | 774.2 | 774.3 | 774.4 | 775.2 | 776.0 |
| 180°   | 775.3 | 775.3 | 775.3 | 775.3 | 775.3 | 775.3 | 775.3 | 775.3 | 775.3 | 775.3 | 775.3 |



TEST NUMBER: P332246-840

CATALOG NUMBER: S123RDIP-S340D585U840-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 330°  | 335°  | 340°  | 345°   | 350°   | 355°   | 360°   |
|--------|-------|-------|-------|--------|--------|--------|--------|
| 0°     | 549.6 | 549.6 | 549.6 | 549.6  | 549.6  | 549.6  | 549.6  |
| 2.5°   | 579.8 | 579.8 | 580.5 | 583.3  | 583.7  | 586.1  | 585.4  |
| 5°     | 637.1 | 641.6 | 643.3 | 650.4  | 654.5  | 656.4  | 652.7  |
| 7.5°   | 707.3 | 719.9 | 725.9 | 733.4  | 739.8  | 741.8  | 736.7  |
| 10°    | 758.5 | 771.7 | 782.7 | 789.6  | 796.0  | 800.2  | 805.6  |
| 12.5°  | 808.0 | 824.3 | 834.8 | 844.3  | 850.9  | 856.3  | 857.2  |
| 15°    | 861.8 | 886.3 | 904.8 | 918.6  | 925.3  | 928.9  | 927.5  |
| 17.5°  | 916.0 | 938.8 | 952.0 | 965.9  | 975.3  | 975.8  | 976.1  |
| 20°    | 946.7 | 968.9 | 984.2 | 994.5  | 1005.1 | 1004.6 | 1007.0 |
| 22.5°  | 967.2 | 984.7 | 996.4 | 1003.9 | 1007.5 | 1005.7 | 1006.2 |
| 25°    | 976.8 | 982.1 | 980.0 | 968.0  | 964.8  | 953.8  | 955.7  |
| 27.5°  | 927.4 | 902.9 | 877.6 | 845.1  | 819.3  | 798.8  | 799.8  |
| 30°    | 860.2 | 816.9 | 767.5 | 726.1  | 688.9  | 678.5  | 656.4  |
| 32.5°  | 766.3 | 701.4 | 643.5 | 604.8  | 573.0  | 564.3  | 545.0  |
| 35°    | 607.0 | 543.9 | 484.4 | 448.7  | 434.5  | 414.8  | 414.5  |
| 37.5°  | 471.8 | 416.3 | 384.9 | 358.0  | 344.0  | 331.9  | 330.8  |
| 40°    | 396.9 | 353.7 | 329.8 | 310.5  | 296.7  | 287.7  | 285.6  |
| 42.5°  | 344.6 | 309.6 | 287.3 | 275.4  | 264.7  | 260.0  | 256.6  |
| 45°    | 281.3 | 257.8 | 242.4 | 231.6  | 226.6  | 223.1  | 221.2  |
| 47.5°  | 235.4 | 219.6 | 209.0 | 201.8  | 197.8  | 194.1  | 195.1  |
| 50°    | 210.4 | 197.4 | 189.7 | 182.8  | 179.8  | 177.1  | 177.4  |
| 52.5°  | 190.2 | 178.5 | 172.3 | 167.3  | 163.6  | 161.7  | 160.9  |
| 55°    | 161.4 | 154.1 | 147.7 | 144.2  | 142.1  | 139.6  | 138.9  |
| 57.5°  | 137.6 | 132.0 | 126.8 | 122.9  | 122.3  | 119.9  | 120.2  |
| 60°    | 121.9 | 117.1 | 112.9 | 110.8  | 109.2  | 107.0  | 107.8  |
| 62.5°  | 108.9 | 104.9 | 101.1 | 99.4   | 97.7   | 96.1   | 96.4   |
| 65°    | 89.2  | 85.4  | 83.0  | 82.1   | 81.4   | 80.7   | 80.0   |
| 67.5°  | 71.1  | 68.8  | 67.3  | 65.2   | 63.8   | 63.6   | 62.9   |
| 70°    | 59.8  | 56.7  | 54.1  | 51.5   | 50.8   | 50.6   | 50.8   |
| 72.5°  | 47.9  | 45.9  | 45.2  | 44.0   | 43.8   | 43.2   | 43.6   |
| 75°    | 36.0  | 35.2  | 34.8  | 33.8   | 33.8   | 33.8   | 33.8   |
| 77.5°  | 26.6  | 26.2  | 25.9  | 25.7   | 25.4   | 25.0   | 25.0   |
| 80°    | 20.7  | 20.5  | 20.0  | 20.0   | 19.8   | 20.0   | 19.8   |
| 82.5°  | 15.7  | 15.6  | 15.1  | 15.1   | 14.8   | 14.7   | 14.8   |
| 85°    | 8.0   | 7.8   | 8.3   | 7.8    | 8.0    | 7.6    | 8.0    |
| 87.5°  | 5.4   | 5.5   | 5.4   | 5.4    | 5.3    | 5.7    | 5.4    |
| 90°    | 15.3  | 15.9  | 16.3  | 16.6   | 16.8   | 17.1   | 17.3   |
| 92.5°  | 17.2  | 18.0  | 18.5  | 18.7   | 18.8   | 19.0   | 19.1   |
| 95°    | 20.5  | 21.4  | 21.9  | 21.9   | 21.9   | 21.9   | 21.9   |
| 97.5°  | 21.6  | 22.6  | 23.2  | 23.3   | 23.4   | 23.6   | 23.7   |
| 100°   | 22.1  | 23.1  | 23.6  | 23.8   | 23.9   | 24.0   | 24.2   |
| 102.5° | 28.4  | 25.2  | 23.7  | 23.9   | 24.2   | 24.4   | 24.6   |
| 105°   | 58.2  | 35.5  | 24.3  | 24.5   | 24.8   | 25.0   | 25.3   |
| 107.5° | 181.4 | 164.7 | 147.9 | 130.8  | 113.7  | 96.6   | 79.6   |
| 110°   | 247.1 | 242.9 | 231.6 | 213.3  | 195.0  | 176.7  | 158.3  |



TEST NUMBER: P332246-840

CATALOG NUMBER: S123RDIP-S340D585U840-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 330°  | 335°  | 340°  | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 289.0 | 289.1 | 287.2 | 283.4 | 279.4 | 275.6 | 271.8 |
| 115°   | 334.5 | 335.8 | 336.6 | 337.1 | 337.7 | 338.2 | 338.7 |
| 117.5° | 374.3 | 375.3 | 375.9 | 376.0 | 376.1 | 376.2 | 376.3 |
| 120°   | 400.5 | 401.5 | 402.0 | 402.0 | 402.0 | 402.0 | 402.0 |
| 122.5° | 425.9 | 426.6 | 427.0 | 427.1 | 427.2 | 427.3 | 427.4 |
| 125°   | 461.5 | 461.8 | 462.1 | 462.3 | 462.6 | 462.8 | 463.1 |
| 127.5° | 498.0 | 498.4 | 498.5 | 498.2 | 498.0 | 497.7 | 497.5 |
| 130°   | 519.9 | 520.4 | 520.6 | 520.3 | 520.1 | 519.8 | 519.6 |
| 132.5° | 540.7 | 541.2 | 541.3 | 540.9 | 540.5 | 540.2 | 539.8 |
| 135°   | 572.0 | 572.3 | 572.3 | 572.0 | 571.6 | 571.2 | 570.8 |
| 137.5° | 600.2 | 600.8 | 601.0 | 600.7 | 600.5 | 600.2 | 600.0 |
| 140°   | 617.8 | 618.3 | 618.4 | 618.2 | 617.9 | 617.7 | 617.4 |
| 142.5° | 634.6 | 635.0 | 635.0 | 634.7 | 634.3 | 633.9 | 633.6 |
| 145°   | 657.9 | 658.2 | 658.3 | 658.3 | 658.3 | 658.3 | 658.3 |
| 147.5° | 679.0 | 679.3 | 679.1 | 678.5 | 677.9 | 677.4 | 676.8 |
| 150°   | 692.0 | 692.2 | 692.2 | 691.8 | 691.4 | 690.9 | 690.6 |
| 152.5° | 703.6 | 704.1 | 704.0 | 703.5 | 702.9 | 702.3 | 701.7 |
| 155°   | 719.6 | 720.2 | 720.1 | 719.4 | 718.6 | 717.9 | 717.1 |
| 157.5° | 733.5 | 734.3 | 734.1 | 733.1 | 732.2 | 731.1 | 730.1 |
| 160°   | 741.2 | 742.0 | 741.9 | 741.1 | 740.2 | 739.3 | 738.4 |
| 162.5° | 748.5 | 749.4 | 749.4 | 748.6 | 747.8 | 747.0 | 746.3 |
| 165°   | 758.2 | 759.2 | 759.3 | 758.4 | 757.5 | 756.6 | 755.7 |
| 167.5° | 765.6 | 766.6 | 766.6 | 765.6 | 764.6 | 763.6 | 762.4 |
| 170°   | 769.7 | 770.7 | 770.7 | 769.7 | 768.7 | 767.7 | 766.6 |
| 172.5° | 772.4 | 773.5 | 773.5 | 772.3 | 771.2 | 770.0 | 768.9 |
| 175°   | 775.7 | 776.6 | 776.5 | 775.5 | 774.5 | 773.5 | 772.3 |
| 177.5° | 776.8 | 777.6 | 777.5 | 776.5 | 775.5 | 774.5 | 773.5 |
| 180°   | 775.3 | 775.3 | 775.3 | 775.3 | 775.3 | 775.3 | 775.3 |

(END OF REPORT)