

Scaled data based on original data using  
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions

Brand: NEO-RAY

Report Number: P1012486

Luminaire Tested: S123RDIP-B340D365UB40-4F0-XX-W2A-A4

Issue Date: 5/6/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P1012486  
REPORT IS A COMBINATION OF REPORTS P993229 AND P1007351  
Test Lab: INNOVATION CENTER  
Issue Date: 5/6/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: S123RDIP-B340D365UB40-4F0-XX-W2A-A4  
Description: Define 3 Regressed Direct/Indirect Pendant with 4000K BioUP LEDs {m-DER=0.865}  
{m-EER=0.951}  
Light Source: -  
Ballast/Driver: -

**Summary**

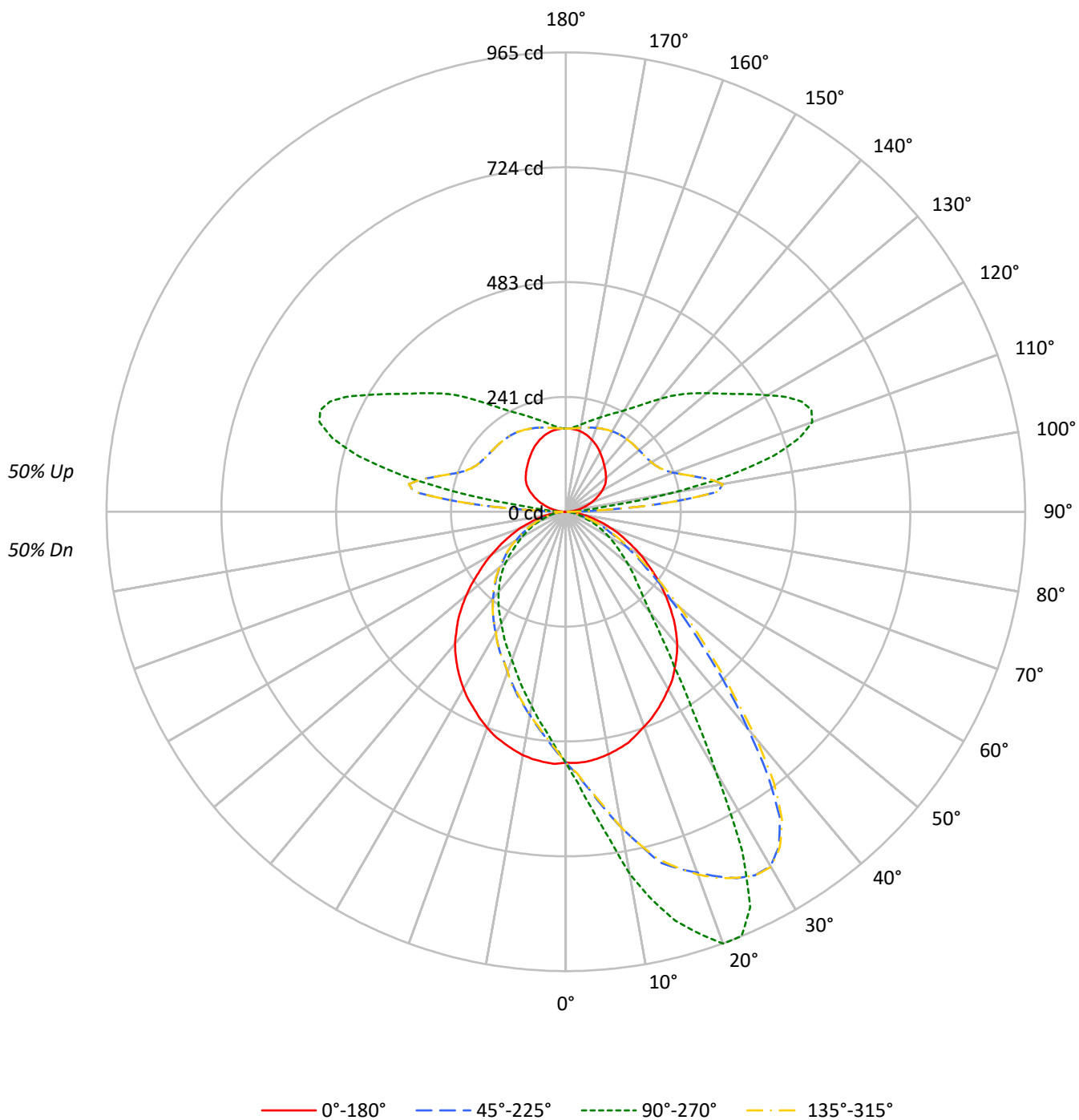
Lumens per Lamp: N/A  
Luminaire Lumens: 2627.0 lumens  
Efficiency: N/A  
Efficacy: 117.8 lumens/watt  
Spacing Criteria (0/90/45): 1.22 / 1.2 / 1.34  
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.1')  
CIE Type: General Diffuse

Input Watts (W): 22.3  
Input Voltage (V):  
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: 24 FT

TEST NUMBER: P1012486

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### Luminous Intensity Polar Plot



TEST NUMBER: P1012486

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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

|     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |
|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| RF  | 20  |     |     |     | 20 |    |    |    | 20 |    |    |    | 20 |    |    |    | 20 |
| RC  | 80  |     |     |     | 70 |    |    |    | 50 |    |    |    | 30 |    |    |    | 10 |
| RW  | 70  | 50  | 30  | 10  | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 |
| RCR |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 0   | 107 | 107 | 107 | 107 | 99 | 99 | 99 | 99 | 83 | 83 | 83 | 69 | 69 | 69 | 56 | 56 | 56 |
| 1   | 98  | 94  | 91  | 87  | 91 | 87 | 84 | 81 | 74 | 72 | 70 | 62 | 60 | 59 | 50 | 49 | 49 |
| 2   | 90  | 83  | 77  | 72  | 83 | 77 | 72 | 68 | 65 | 62 | 59 | 55 | 52 | 50 | 45 | 43 | 42 |
| 3   | 83  | 73  | 66  | 61  | 76 | 68 | 62 | 57 | 58 | 54 | 50 | 49 | 46 | 43 | 41 | 38 | 36 |
| 4   | 76  | 65  | 58  | 52  | 70 | 61 | 54 | 49 | 52 | 47 | 43 | 44 | 40 | 37 | 37 | 34 | 32 |
| 5   | 70  | 59  | 51  | 45  | 64 | 55 | 48 | 42 | 47 | 42 | 37 | 40 | 36 | 33 | 33 | 30 | 28 |
| 6   | 64  | 53  | 45  | 39  | 59 | 49 | 42 | 37 | 42 | 37 | 33 | 36 | 32 | 29 | 30 | 27 | 25 |
| 7   | 60  | 48  | 40  | 35  | 55 | 45 | 38 | 33 | 39 | 33 | 29 | 33 | 29 | 26 | 28 | 25 | 22 |
| 8   | 55  | 43  | 36  | 31  | 51 | 41 | 34 | 29 | 35 | 30 | 26 | 30 | 26 | 23 | 26 | 22 | 20 |
| 9   | 52  | 40  | 32  | 28  | 48 | 37 | 31 | 26 | 32 | 27 | 23 | 28 | 24 | 21 | 24 | 21 | 18 |
| 10  | 48  | 37  | 29  | 25  | 45 | 34 | 28 | 24 | 30 | 25 | 21 | 26 | 22 | 19 | 22 | 19 | 17 |

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

|     | 0°   | 90°  | 180° | 270° |
|-----|------|------|------|------|
| 0°  | 5672 | 5672 | 5672 | 5672 |
| 5°  | 5675 | 6532 | 5690 | 4846 |
| 10° | 5626 | 7885 | 5650 | 4233 |
| 15° | 5568 | 8949 | 5568 | 3732 |
| 20° | 5453 | 9653 | 5484 | 3311 |
| 25° | 5370 | 9171 | 5359 | 3021 |
| 30° | 5273 | 6354 | 5262 | 2737 |
| 35° | 5155 | 4079 | 5132 | 2524 |
| 40° | 5010 | 2880 | 4985 | 2311 |
| 45° | 4757 | 2305 | 4749 | 2104 |
| 50° | 4446 | 1929 | 4431 | 1862 |
| 55° | 4095 | 1590 | 4062 | 1579 |
| 60° | 3751 | 1314 | 3714 | 1343 |
| 65° | 3348 | 1052 | 3370 | 1138 |
| 70° | 2974 | 730  | 3057 | 921  |
| 75° | 2522 | 542  | 2625 | 707  |
| 80° | 2009 | 358  | 2177 | 531  |
| 85° | 1431 | 171  | 1556 | 330  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 30°

Vertical Angle: 45°

Luminance: 7571 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 51.7   | 2.0       |
| 10°-20°   | 162.0  | 6.2       |
| 20°-30°   | 255.1  | 9.7       |
| 30°-40°   | 265.3  | 10.1      |
| 40°-50°   | 226.9  | 8.6       |
| 50°-60°   | 173.0  | 6.6       |
| 60°-70°   | 110.9  | 4.2       |
| 70°-80°   | 53.1   | 2.0       |
| 80°-90°   | 14.9   | 0.6       |
| 90°-100°  | 94.8   | 3.6       |
| 100°-110° | 277.5  | 10.6      |
| 110°-120° | 271.0  | 10.3      |
| 120°-130° | 215.8  | 8.2       |
| 130°-140° | 170.3  | 6.5       |
| 140°-150° | 127.0  | 4.8       |
| 150°-160° | 88.6   | 3.4       |
| 160°-170° | 52.0   | 2.0       |
| 170°-180° | 16.9   | 0.6       |
| 0°-30°    | 468.8  | 17.8      |
| 0°-40°    | 734.1  | 27.9      |
| 0°-60°    | 1134.1 | 43.2      |
| 0°-90°    | 1313.0 | 50.0      |
| 90°-120°  | 643.3  | 24.5      |
| 90°-150°  | 1156.5 | 44.0      |
| 90°-180°  | 1314.0 | 50.0      |
| 0°-180°   | 2627.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°  | 90° | 180° | 270° | 360° | Flux |
|------|-----|-----|------|------|------|------|
| 0°   | 527 | 527 | 527  | 527  | 527  |      |
| 5°   | 526 | 626 | 528  | 464  | 526  | 50   |
| 15°  | 503 | 889 | 503  | 371  | 503  | 141  |
| 25°  | 457 | 916 | 456  | 302  | 457  | 211  |
| 35°  | 399 | 397 | 397  | 246  | 399  | 250  |
| 45°  | 320 | 212 | 320  | 194  | 320  | 247  |
| 55°  | 226 | 133 | 224  | 132  | 226  | 203  |
| 65°  | 138 | 77  | 139  | 83   | 138  | 138  |
| 75°  | 66  | 32  | 69   | 42   | 66   | 72   |
| 85°  | 15  | 8   | 16   | 15   | 15   | 17   |
| 90°  | 1   | 10  | 1    | 10   | 1    | 2    |
| 95°  | 12  | 41  | 12   | 41   | 12   | 13   |
| 105° | 41  | 450 | 41   | 450  | 41   | 44   |
| 115° | 72  | 547 | 72   | 547  | 72   | 72   |
| 125° | 101 | 431 | 101  | 431  | 101  | 90   |
| 135° | 118 | 350 | 118  | 350  | 118  | 91   |
| 145° | 135 | 273 | 135  | 273  | 135  | 84   |
| 155° | 153 | 227 | 153  | 227  | 153  | 70   |
| 165° | 167 | 198 | 167  | 198  | 167  | 47   |
| 175° | 174 | 178 | 174  | 178  | 174  | 17   |
| 180° | 175 | 175 | 175  | 175  | 175  |      |

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**CANDELA DISTRIBUTION (FULL):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 22.5° | 25°   | 30°   | 35°   | 40°   | 45°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 526.9 | 526.9 | 526.9 | 526.9 | 526.9 | 526.9 | 526.9 | 526.9 | 526.9 | 526.9 | 526.9 |
| 2.5°   | 528.2 | 531.9 | 534.6 | 536.4 | 540.9 | 543.6 | 545.8 | 549.9 | 549.9 | 550.8 | 552.6 |
| 5°     | 526.4 | 534.1 | 539.5 | 546.7 | 556.2 | 560.7 | 567.0 | 572.5 | 580.1 | 584.2 | 588.2 |
| 7.5°   | 522.4 | 533.2 | 544.5 | 555.3 | 569.3 | 578.3 | 584.6 | 598.6 | 608.5 | 620.7 | 630.2 |
| 10°    | 517.0 | 531.9 | 546.3 | 563.0 | 581.9 | 595.5 | 604.9 | 623.4 | 642.4 | 659.5 | 674.0 |
| 12.5°  | 510.2 | 528.2 | 549.0 | 569.3 | 595.9 | 609.4 | 624.8 | 647.8 | 674.9 | 696.5 | 715.9 |
| 15°    | 503.0 | 523.7 | 547.2 | 572.0 | 605.4 | 624.3 | 646.4 | 674.4 | 704.6 | 735.8 | 762.4 |
| 17.5°  | 491.7 | 517.9 | 544.0 | 580.1 | 619.4 | 630.7 | 649.6 | 687.9 | 725.4 | 753.4 | 785.8 |
| 20°    | 480.4 | 509.8 | 542.7 | 575.2 | 617.6 | 643.7 | 661.3 | 701.9 | 742.1 | 775.9 | 807.0 |
| 22.5°  | 470.1 | 500.7 | 535.0 | 576.1 | 615.8 | 641.9 | 664.0 | 706.4 | 752.9 | 790.8 | 829.1 |
| 25°    | 457.4 | 490.8 | 528.7 | 567.5 | 615.8 | 635.6 | 660.0 | 709.1 | 758.3 | 802.1 | 849.4 |
| 27.5°  | 443.9 | 477.7 | 515.2 | 554.9 | 599.1 | 628.4 | 652.3 | 705.1 | 765.1 | 812.0 | 860.7 |
| 30°    | 430.4 | 465.1 | 501.2 | 536.8 | 586.4 | 614.4 | 641.9 | 700.1 | 768.7 | 822.4 | 859.8 |
| 32.5°  | 417.3 | 446.6 | 482.2 | 517.0 | 566.1 | 596.8 | 627.9 | 695.2 | 770.0 | 815.2 | 833.2 |
| 35°    | 399.2 | 429.9 | 458.8 | 495.8 | 545.4 | 575.6 | 612.2 | 694.7 | 764.2 | 792.1 | 783.1 |
| 37.5°  | 382.5 | 408.3 | 435.8 | 468.7 | 519.7 | 558.9 | 596.8 | 683.0 | 744.8 | 746.6 | 695.6 |
| 40°    | 364.0 | 385.2 | 408.3 | 443.0 | 498.0 | 536.8 | 577.9 | 664.9 | 709.6 | 683.0 | 593.2 |
| 42.5°  | 342.8 | 361.8 | 379.8 | 413.7 | 473.7 | 517.0 | 561.2 | 642.4 | 658.6 | 597.3 | 503.9 |
| 45°    | 320.3 | 335.6 | 352.3 | 388.0 | 448.0 | 490.8 | 535.0 | 607.6 | 591.0 | 504.3 | 415.5 |
| 47.5°  | 296.8 | 309.9 | 326.2 | 358.6 | 420.4 | 464.2 | 506.1 | 558.0 | 515.6 | 422.7 | 348.3 |
| 50°    | 273.4 | 283.7 | 299.5 | 332.9 | 392.5 | 432.2 | 471.0 | 504.8 | 445.2 | 362.7 | 287.8 |
| 52.5°  | 250.4 | 258.5 | 274.7 | 303.1 | 360.9 | 398.8 | 426.7 | 439.8 | 379.4 | 299.5 | 249.9 |
| 55°    | 226.0 | 235.0 | 245.9 | 274.7 | 332.0 | 360.0 | 378.5 | 378.0 | 315.8 | 254.0 | 206.6 |
| 57.5°  | 202.5 | 210.7 | 220.1 | 249.0 | 295.5 | 314.4 | 330.2 | 322.5 | 263.4 | 208.0 | 177.3 |
| 60°    | 181.8 | 186.3 | 196.7 | 221.0 | 256.2 | 272.5 | 281.5 | 268.4 | 215.2 | 175.5 | 146.6 |
| 62.5°  | 159.2 | 163.8 | 172.3 | 195.3 | 217.0 | 225.6 | 233.2 | 216.5 | 177.7 | 143.0 | 125.4 |
| 65°    | 138.5 | 144.4 | 149.8 | 168.3 | 180.0 | 190.4 | 189.5 | 175.5 | 138.9 | 116.4 | 102.0 |
| 67.5°  | 120.4 | 122.7 | 127.2 | 138.5 | 143.9 | 151.6 | 152.0 | 136.2 | 111.9 | 94.7  | 86.2  |
| 70°    | 101.0 | 103.3 | 106.5 | 111.9 | 115.5 | 117.3 | 116.4 | 102.4 | 84.4  | 74.0  | 66.3  |
| 72.5°  | 84.4  | 83.9  | 86.2  | 86.2  | 89.8  | 89.3  | 86.6  | 75.8  | 64.1  | 55.5  | 51.0  |
| 75°    | 66.3  | 66.8  | 67.2  | 66.3  | 65.0  | 63.2  | 60.9  | 52.8  | 45.1  | 41.1  | 37.0  |
| 77.5°  | 51.9  | 51.0  | 51.4  | 48.3  | 46.5  | 44.7  | 41.5  | 37.4  | 31.1  | 30.2  | 28.4  |
| 80°    | 37.0  | 36.5  | 36.1  | 34.7  | 30.7  | 28.9  | 26.6  | 24.4  | 23.0  | 22.1  | 21.7  |
| 82.5°  | 24.8  | 24.8  | 23.9  | 21.2  | 18.9  | 17.6  | 17.1  | 16.2  | 14.9  | 14.9  | 14.4  |
| 85°    | 14.9  | 14.4  | 13.5  | 10.8  | 9.5   | 9.5   | 9.5   | 9.5   | 8.6   | 8.6   | 8.1   |
| 87.5°  | 5.9   | 5.4   | 4.1   | 4.1   | 3.6   | 3.6   | 3.6   | 3.2   | 3.2   | 2.7   | 2.7   |
| 90°    | 0.7   | 1.4   | 2.1   | 3.2   | 3.9   | 4.2   | 4.6   | 5.7   | 6.7   | 7.8   | 8.8   |
| 92.5°  | 5.3   | 7.8   | 11.3  | 14.5  | 18.0  | 21.2  | 24.4  | 35.7  | 54.5  | 72.8  | 65.8  |
| 95°    | 12.0  | 13.1  | 17.0  | 23.0  | 32.2  | 39.1  | 46.0  | 76.0  | 128.7 | 186.7 | 209.7 |
| 97.5°  | 19.1  | 19.4  | 22.6  | 27.9  | 37.1  | 44.7  | 52.3  | 82.0  | 143.2 | 240.8 | 322.5 |
| 100°   | 26.2  | 26.5  | 29.0  | 33.9  | 42.4  | 49.3  | 56.2  | 81.0  | 133.3 | 226.3 | 334.9 |
| 102.5° | 33.6  | 34.3  | 36.4  | 41.0  | 48.4  | 54.6  | 60.8  | 82.4  | 124.8 | 205.1 | 311.9 |
| 105°   | 41.0  | 42.1  | 44.2  | 48.4  | 55.2  | 60.6  | 66.1  | 85.2  | 121.6 | 188.5 | 284.3 |
| 107.5° | 48.8  | 49.9  | 52.0  | 56.2  | 62.6  | 67.7  | 72.8  | 89.8  | 120.9 | 176.5 | 259.9 |
| 110°   | 57.3  | 58.3  | 60.1  | 64.0  | 70.0  | 75.0  | 79.9  | 95.8  | 122.7 | 170.1 | 239.8 |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 22.5° | 25°   | 30°   | 35°   | 40°   | 45°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 65.1  | 66.1  | 67.9  | 71.8  | 77.8  | 82.6  | 87.3  | 101.8 | 126.2 | 166.6 | 226.3 |
| 115°   | 72.5  | 73.9  | 76.0  | 79.6  | 85.6  | 90.4  | 95.1  | 108.6 | 130.1 | 166.2 | 217.5 |
| 117.5° | 79.9  | 81.7  | 83.5  | 86.6  | 93.4  | 97.8  | 102.2 | 115.6 | 135.1 | 166.6 | 211.5 |
| 120°   | 87.7  | 88.8  | 90.5  | 94.1  | 100.8 | 105.2 | 109.6 | 122.4 | 140.7 | 168.0 | 207.6 |
| 122.5° | 94.4  | 95.5  | 97.2  | 101.1 | 107.5 | 112.2 | 117.0 | 129.4 | 146.0 | 170.4 | 205.1 |
| 125°   | 100.8 | 101.5 | 103.6 | 107.5 | 114.2 | 119.0 | 123.8 | 136.1 | 151.7 | 172.9 | 203.0 |
| 127.5° | 105.7 | 106.8 | 109.3 | 113.2 | 120.6 | 125.4 | 130.1 | 142.2 | 156.3 | 175.8 | 201.9 |
| 130°   | 110.3 | 111.4 | 114.6 | 118.8 | 126.2 | 131.0 | 135.8 | 147.5 | 160.9 | 178.6 | 200.9 |
| 132.5° | 113.9 | 115.3 | 118.8 | 124.1 | 131.5 | 136.1 | 140.7 | 152.1 | 165.1 | 180.7 | 200.5 |
| 135°   | 118.1 | 119.5 | 123.4 | 128.7 | 136.1 | 140.9 | 145.7 | 156.7 | 168.7 | 182.8 | 200.2 |
| 137.5° | 122.0 | 123.4 | 127.3 | 133.0 | 140.4 | 144.8 | 149.2 | 159.8 | 171.5 | 184.2 | 199.4 |
| 140°   | 125.9 | 127.7 | 131.2 | 136.9 | 143.9 | 148.4 | 152.8 | 163.0 | 173.6 | 185.7 | 199.1 |
| 142.5° | 130.1 | 131.5 | 135.4 | 140.4 | 147.5 | 151.6 | 155.6 | 165.5 | 175.8 | 186.7 | 198.4 |
| 145°   | 134.7 | 135.8 | 139.0 | 144.3 | 150.3 | 154.4 | 158.4 | 167.6 | 177.2 | 187.1 | 197.7 |
| 147.5° | 139.3 | 140.0 | 143.2 | 147.8 | 153.8 | 157.4 | 160.9 | 169.4 | 178.2 | 187.1 | 196.6 |
| 150°   | 143.9 | 144.3 | 147.1 | 151.7 | 156.7 | 159.8 | 163.0 | 171.2 | 178.6 | 187.1 | 195.2 |
| 152.5° | 148.5 | 148.5 | 151.4 | 155.2 | 159.5 | 162.5 | 165.5 | 172.2 | 179.3 | 186.0 | 193.4 |
| 155°   | 153.1 | 153.1 | 155.2 | 158.8 | 162.7 | 165.1 | 167.6 | 173.6 | 179.3 | 185.3 | 191.3 |
| 157.5° | 156.7 | 157.0 | 158.8 | 162.0 | 165.5 | 167.4 | 169.4 | 174.3 | 179.6 | 184.2 | 189.5 |
| 160°   | 160.9 | 160.9 | 162.3 | 165.1 | 167.6 | 169.4 | 171.2 | 175.4 | 179.6 | 183.5 | 187.4 |
| 162.5° | 164.1 | 164.1 | 165.1 | 167.3 | 169.4 | 170.8 | 172.2 | 175.8 | 179.3 | 182.1 | 185.3 |
| 165°   | 167.3 | 166.9 | 167.6 | 169.4 | 170.8 | 172.0 | 173.3 | 176.1 | 178.6 | 180.7 | 183.2 |
| 167.5° | 169.7 | 169.4 | 169.7 | 171.2 | 172.2 | 173.1 | 174.0 | 176.1 | 178.2 | 179.3 | 181.1 |
| 170°   | 171.9 | 171.2 | 171.5 | 172.6 | 173.3 | 173.6 | 174.0 | 175.8 | 177.2 | 177.9 | 178.9 |
| 172.5° | 173.3 | 172.9 | 172.9 | 173.6 | 174.0 | 174.2 | 174.3 | 175.8 | 176.8 | 176.8 | 177.2 |
| 175°   | 174.3 | 174.0 | 173.6 | 174.3 | 174.3 | 174.5 | 174.7 | 175.4 | 176.1 | 175.8 | 175.8 |
| 177.5° | 175.0 | 174.7 | 174.3 | 174.7 | 174.7 | 174.7 | 174.7 | 175.0 | 175.8 | 175.0 | 174.7 |
| 180°   | 174.7 | 174.7 | 174.7 | 174.7 | 174.7 | 174.7 | 174.7 | 174.7 | 174.7 | 174.7 | 174.7 |

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**CANDELA DISTRIBUTION (continued):**

|        | 50°   | 55°   | 60°   | 65°   | 67.5° | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 526.9 | 526.9 | 526.9 | 526.9 | 526.9 | 526.9 | 526.9 | 526.9 | 526.9 | 526.9 | 526.9 |
| 2.5°   | 556.2 | 556.2 | 560.3 | 564.3 | 562.1 | 563.4 | 568.4 | 566.6 | 570.2 | 569.8 | 571.1 |
| 5°     | 598.2 | 603.1 | 607.2 | 615.8 | 617.1 | 615.8 | 624.3 | 626.6 | 630.7 | 625.7 | 627.9 |
| 7.5°   | 645.5 | 655.9 | 665.8 | 678.5 | 682.5 | 683.4 | 687.9 | 694.3 | 699.7 | 689.7 | 694.7 |
| 10°    | 691.6 | 707.3 | 727.6 | 738.9 | 748.8 | 752.5 | 756.1 | 760.1 | 766.4 | 772.3 | 767.8 |
| 12.5°  | 741.2 | 764.2 | 783.6 | 803.9 | 816.1 | 814.7 | 825.1 | 827.8 | 832.7 | 834.1 | 835.9 |
| 15°    | 781.8 | 814.3 | 826.4 | 856.7 | 859.4 | 868.4 | 880.1 | 890.5 | 891.8 | 889.1 | 889.1 |
| 17.5°  | 820.6 | 848.5 | 870.2 | 894.6 | 899.5 | 907.2 | 922.1 | 927.0 | 928.8 | 928.4 | 928.4 |
| 20°    | 852.1 | 870.6 | 907.2 | 927.5 | 935.6 | 945.5 | 955.9 | 962.2 | 963.6 | 965.4 | 962.7 |
| 22.5°  | 872.9 | 900.9 | 930.6 | 947.3 | 954.1 | 957.7 | 964.5 | 966.3 | 964.0 | 964.5 | 964.9 |
| 25°    | 889.1 | 916.7 | 934.7 | 939.2 | 938.8 | 934.2 | 929.3 | 920.7 | 919.8 | 916.2 | 909.0 |
| 27.5°  | 893.6 | 904.0 | 901.8 | 883.3 | 864.8 | 863.0 | 833.2 | 817.0 | 798.5 | 801.2 | 790.8 |
| 30°    | 869.3 | 855.8 | 823.7 | 776.8 | 757.4 | 725.8 | 692.5 | 657.7 | 644.2 | 629.3 | 656.8 |
| 32.5°  | 809.7 | 761.5 | 704.6 | 643.7 | 611.3 | 583.3 | 547.6 | 522.4 | 507.9 | 495.8 | 519.2 |
| 35°    | 720.0 | 644.6 | 569.3 | 511.6 | 484.9 | 459.7 | 426.3 | 413.7 | 395.6 | 397.4 | 399.7 |
| 37.5°  | 604.5 | 521.5 | 464.6 | 407.8 | 390.2 | 379.8 | 355.5 | 336.1 | 329.8 | 328.0 | 328.0 |
| 40°    | 496.2 | 428.1 | 377.6 | 332.9 | 319.4 | 310.8 | 291.4 | 282.4 | 275.6 | 273.8 | 276.1 |
| 42.5°  | 410.5 | 352.3 | 313.1 | 283.3 | 273.8 | 263.0 | 254.9 | 243.6 | 242.2 | 239.1 | 243.1 |
| 45°    | 344.6 | 294.1 | 264.8 | 243.1 | 235.0 | 231.0 | 221.9 | 215.2 | 212.5 | 212.0 | 215.2 |
| 47.5°  | 292.3 | 253.1 | 227.4 | 213.8 | 207.5 | 203.5 | 195.8 | 193.1 | 190.4 | 191.3 | 189.9 |
| 50°    | 245.4 | 216.1 | 199.4 | 187.2 | 183.2 | 179.1 | 174.1 | 171.4 | 170.1 | 170.1 | 169.6 |
| 52.5°  | 210.7 | 186.3 | 175.5 | 164.2 | 162.4 | 160.1 | 154.7 | 152.9 | 150.7 | 150.2 | 152.0 |
| 55°    | 180.4 | 163.8 | 152.9 | 146.2 | 144.4 | 139.8 | 137.6 | 135.3 | 134.0 | 133.1 | 133.5 |
| 57.5°  | 154.3 | 141.6 | 134.4 | 128.6 | 125.4 | 123.6 | 119.5 | 119.1 | 118.2 | 118.2 | 117.7 |
| 60°    | 132.6 | 123.6 | 115.0 | 111.4 | 109.2 | 106.9 | 106.5 | 103.8 | 102.4 | 103.3 | 102.9 |
| 62.5°  | 112.3 | 105.1 | 100.1 | 96.1  | 94.7  | 92.9  | 91.6  | 90.7  | 89.3  | 89.8  | 89.8  |
| 65°    | 93.8  | 88.0  | 84.4  | 80.7  | 80.3  | 78.5  | 78.0  | 77.1  | 77.1  | 76.7  | 77.6  |
| 67.5°  | 77.1  | 73.1  | 69.9  | 67.7  | 66.3  | 66.8  | 65.0  | 63.6  | 63.6  | 63.2  | 64.5  |
| 70°    | 61.4  | 59.1  | 55.9  | 53.2  | 51.4  | 51.4  | 49.2  | 48.7  | 48.7  | 48.7  | 48.3  |
| 72.5°  | 47.4  | 43.3  | 42.0  | 41.1  | 41.1  | 41.1  | 40.1  | 40.1  | 39.7  | 40.1  | 39.7  |
| 75°    | 35.2  | 34.7  | 33.8  | 33.4  | 33.4  | 32.9  | 32.5  | 32.5  | 32.5  | 32.5  | 32.5  |
| 77.5°  | 27.5  | 27.5  | 26.6  | 26.2  | 26.2  | 26.2  | 25.7  | 25.7  | 25.3  | 25.3  | 25.3  |
| 80°    | 20.3  | 20.3  | 19.4  | 19.4  | 19.4  | 18.9  | 18.9  | 18.9  | 19.4  | 18.9  | 18.9  |
| 82.5°  | 14.0  | 14.0  | 13.5  | 14.0  | 13.5  | 13.1  | 13.1  | 13.1  | 12.6  | 13.1  | 13.1  |
| 85°    | 8.1   | 8.1   | 7.7   | 7.2   | 7.7   | 7.7   | 7.2   | 7.7   | 7.2   | 7.7   | 7.2   |
| 87.5°  | 3.2   | 2.7   | 2.7   | 2.7   | 2.3   | 2.7   | 2.3   | 2.3   | 2.7   | 2.3   | 2.7   |
| 90°    | 8.5   | 8.8   | 9.2   | 9.5   | 9.9   | 10.3  | 9.9   | 10.3  | 10.6  | 10.3  | 10.6  |
| 92.5°  | 49.2  | 35.0  | 27.2  | 23.7  | 22.4  | 21.2  | 20.5  | 19.1  | 19.4  | 18.7  | 19.4  |
| 95°    | 170.1 | 127.3 | 86.3  | 67.5  | 61.2  | 54.8  | 48.1  | 44.9  | 42.4  | 41.0  | 42.4  |
| 97.5°  | 333.5 | 292.4 | 220.7 | 174.0 | 153.8 | 133.7 | 110.0 | 96.5  | 88.1  | 84.2  | 88.1  |
| 100°   | 404.5 | 416.9 | 388.3 | 346.9 | 321.8 | 296.7 | 261.0 | 235.2 | 221.4 | 221.7 | 221.4 |
| 102.5° | 408.1 | 458.3 | 464.3 | 444.5 | 430.9 | 417.3 | 391.5 | 372.4 | 361.4 | 351.1 | 361.4 |
| 105°   | 385.8 | 459.7 | 495.1 | 501.8 | 497.2 | 492.6 | 476.3 | 462.9 | 451.6 | 449.8 | 451.6 |
| 107.5° | 354.0 | 438.5 | 494.0 | 521.6 | 526.4 | 531.1 | 529.0 | 522.7 | 518.1 | 514.2 | 518.1 |
| 110°   | 324.3 | 405.3 | 470.3 | 514.9 | 527.2 | 539.6 | 549.5 | 552.4 | 551.7 | 550.9 | 551.7 |



TEST NUMBER: P1012486

CATALOG NUMBER: S123RDIP-B340D365UB40-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 50°   | 55°   | 60°   | 65°   | 67.5° | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 298.5 | 372.4 | 439.2 | 490.5 | 507.3 | 524.1 | 544.2 | 554.5 | 558.0 | 558.4 | 558.0 |
| 115°   | 278.7 | 344.1 | 405.6 | 457.6 | 476.8 | 496.1 | 522.7 | 538.2 | 545.3 | 547.1 | 545.3 |
| 117.5° | 265.6 | 322.2 | 376.6 | 424.3 | 444.3 | 464.3 | 491.9 | 509.2 | 519.8 | 522.3 | 519.8 |
| 120°   | 255.7 | 305.5 | 353.3 | 395.7 | 413.6 | 431.4 | 459.4 | 479.2 | 487.6 | 489.8 | 487.6 |
| 122.5° | 247.5 | 292.4 | 334.5 | 373.1 | 389.4 | 405.6 | 429.7 | 447.0 | 456.5 | 459.4 | 456.5 |
| 125°   | 240.8 | 281.1 | 319.7 | 353.6 | 367.8 | 381.9 | 404.5 | 420.1 | 428.9 | 431.4 | 428.9 |
| 127.5° | 234.5 | 270.9 | 305.9 | 337.0 | 350.1 | 363.2 | 383.7 | 397.1 | 405.3 | 407.4 | 405.3 |
| 130°   | 229.5 | 261.3 | 293.2 | 321.8 | 333.8 | 345.8 | 364.6 | 377.3 | 384.7 | 387.6 | 384.7 |
| 132.5° | 224.9 | 252.5 | 281.1 | 307.3 | 318.6 | 329.9 | 347.3 | 360.0 | 366.4 | 368.1 | 366.4 |
| 135°   | 221.0 | 244.7 | 269.8 | 292.8 | 302.9 | 313.0 | 330.3 | 340.9 | 347.3 | 349.7 | 347.3 |
| 137.5° | 217.5 | 237.3 | 258.5 | 279.0 | 288.0 | 297.0 | 311.9 | 322.9 | 328.2 | 330.3 | 328.2 |
| 140°   | 214.3 | 230.9 | 249.0 | 265.9 | 273.5 | 281.1 | 294.6 | 304.5 | 310.1 | 309.8 | 310.1 |
| 142.5° | 211.5 | 224.9 | 239.8 | 253.9 | 260.2 | 266.6 | 277.6 | 286.1 | 291.0 | 290.7 | 291.0 |
| 145°   | 209.0 | 220.3 | 232.0 | 243.3 | 248.4 | 253.5 | 262.4 | 269.8 | 272.6 | 273.4 | 272.6 |
| 147.5° | 206.5 | 216.4 | 226.0 | 235.5 | 239.2 | 242.9 | 250.0 | 255.3 | 258.1 | 258.5 | 258.1 |
| 150°   | 204.0 | 212.2 | 220.3 | 227.7 | 231.1 | 234.5 | 239.8 | 243.6 | 245.8 | 245.8 | 245.8 |
| 152.5° | 201.2 | 208.3 | 215.0 | 221.4 | 224.0 | 226.7 | 230.6 | 234.1 | 235.2 | 235.2 | 235.2 |
| 155°   | 198.4 | 204.4 | 210.1 | 215.4 | 217.5 | 219.6 | 222.8 | 225.6 | 226.3 | 226.7 | 226.3 |
| 157.5° | 195.2 | 200.2 | 205.1 | 209.3 | 211.1 | 212.9 | 215.7 | 217.8 | 218.5 | 218.5 | 218.5 |
| 160°   | 192.0 | 196.6 | 200.5 | 204.0 | 205.2 | 206.5 | 209.0 | 211.1 | 211.1 | 210.8 | 211.1 |
| 162.5° | 188.8 | 192.4 | 195.6 | 198.7 | 199.8 | 200.9 | 202.3 | 204.0 | 204.0 | 203.7 | 204.0 |
| 165°   | 186.0 | 188.8 | 191.0 | 193.4 | 194.3 | 195.2 | 196.6 | 198.0 | 197.7 | 197.7 | 197.7 |
| 167.5° | 183.2 | 185.7 | 187.4 | 188.8 | 189.5 | 190.2 | 191.0 | 192.0 | 191.7 | 191.7 | 191.7 |
| 170°   | 180.7 | 182.5 | 183.5 | 184.9 | 185.3 | 185.7 | 186.0 | 186.7 | 186.4 | 186.4 | 186.4 |
| 172.5° | 178.2 | 179.6 | 180.3 | 181.4 | 181.6 | 181.8 | 181.8 | 182.5 | 181.8 | 181.4 | 181.8 |
| 175°   | 176.5 | 177.2 | 177.5 | 178.2 | 178.2 | 178.2 | 178.2 | 178.6 | 178.2 | 177.9 | 178.2 |
| 177.5° | 175.0 | 175.4 | 175.8 | 176.1 | 176.1 | 176.1 | 175.8 | 176.1 | 175.4 | 175.4 | 175.4 |
| 180°   | 174.7 | 174.7 | 174.7 | 174.7 | 174.7 | 174.7 | 174.7 | 174.7 | 174.7 | 174.7 | 174.7 |

TEST NUMBER: P1012486

CATALOG NUMBER: S123RDIP-B340D365UB40-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 100°  | 105°  | 110°  | 112.5° | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  |
|--------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 526.9 | 526.9 | 526.9 | 526.9  | 526.9 | 526.9 | 526.9 | 526.9 | 526.9 | 526.9 | 526.9 |
| 2.5°   | 568.8 | 566.1 | 564.3 | 563.0  | 561.6 | 565.7 | 560.3 | 554.4 | 550.4 | 547.6 | 546.7 |
| 5°     | 628.4 | 622.5 | 617.6 | 613.5  | 614.4 | 614.4 | 604.9 | 594.6 | 585.5 | 580.6 | 575.2 |
| 7.5°   | 697.4 | 691.1 | 681.2 | 678.9  | 677.1 | 665.8 | 656.4 | 637.4 | 626.1 | 614.9 | 604.9 |
| 10°    | 766.0 | 757.9 | 748.4 | 745.2  | 740.7 | 726.7 | 712.3 | 687.9 | 674.0 | 653.2 | 640.1 |
| 12.5°  | 830.0 | 820.1 | 810.6 | 808.4  | 801.6 | 789.4 | 764.6 | 739.4 | 715.5 | 693.4 | 670.3 |
| 15°    | 883.7 | 881.0 | 866.6 | 857.6  | 842.7 | 826.0 | 820.6 | 786.3 | 756.1 | 733.1 | 691.6 |
| 17.5°  | 928.8 | 916.2 | 902.7 | 896.8  | 890.9 | 871.5 | 852.1 | 817.0 | 784.5 | 750.6 | 724.0 |
| 20°    | 964.9 | 950.9 | 941.5 | 932.9  | 930.2 | 908.1 | 877.4 | 846.3 | 810.6 | 772.8 | 738.0 |
| 22.5°  | 966.7 | 964.9 | 958.6 | 953.6  | 948.2 | 933.8 | 909.4 | 870.6 | 832.7 | 791.2 | 745.7 |
| 25°    | 929.3 | 926.6 | 944.6 | 940.1  | 943.7 | 938.3 | 925.2 | 892.7 | 848.5 | 799.8 | 753.8 |
| 27.5°  | 816.5 | 844.0 | 872.4 | 882.4  | 889.1 | 908.5 | 914.9 | 896.8 | 861.2 | 809.3 | 757.9 |
| 30°    | 663.1 | 699.7 | 745.7 | 770.5  | 789.4 | 825.5 | 872.4 | 878.3 | 861.6 | 820.1 | 757.0 |
| 32.5°  | 520.6 | 554.0 | 591.0 | 620.3  | 645.5 | 719.5 | 782.7 | 828.2 | 836.4 | 814.7 | 759.2 |
| 35°    | 419.5 | 434.0 | 469.2 | 497.1  | 531.4 | 594.6 | 669.0 | 742.5 | 792.1 | 794.9 | 752.5 |
| 37.5°  | 346.0 | 353.7 | 384.3 | 400.1  | 420.4 | 475.9 | 545.4 | 641.5 | 718.6 | 755.2 | 733.5 |
| 40°    | 286.5 | 304.0 | 321.6 | 330.7  | 345.1 | 383.4 | 450.2 | 525.5 | 621.2 | 688.8 | 704.2 |
| 42.5°  | 248.6 | 256.2 | 267.5 | 280.1  | 289.2 | 322.5 | 367.2 | 436.2 | 522.4 | 616.7 | 659.1 |
| 45°    | 219.2 | 221.9 | 233.7 | 241.8  | 251.3 | 274.7 | 306.3 | 364.0 | 439.8 | 532.8 | 604.9 |
| 47.5°  | 194.9 | 200.3 | 206.6 | 211.6  | 217.9 | 235.9 | 263.0 | 305.0 | 371.7 | 454.7 | 532.3 |
| 50°    | 173.2 | 176.4 | 184.5 | 186.8  | 191.3 | 203.9 | 224.7 | 256.7 | 311.7 | 378.0 | 458.3 |
| 52.5°  | 152.9 | 158.8 | 161.9 | 165.1  | 169.2 | 179.5 | 193.1 | 219.2 | 260.7 | 323.0 | 391.1 |
| 55°    | 137.1 | 138.9 | 143.5 | 146.2  | 149.3 | 156.5 | 168.3 | 187.7 | 220.1 | 269.8 | 334.3 |
| 57.5°  | 121.8 | 121.8 | 126.3 | 128.6  | 131.7 | 137.1 | 147.5 | 162.4 | 185.9 | 222.8 | 281.9 |
| 60°    | 105.6 | 106.0 | 109.6 | 112.3  | 113.2 | 118.6 | 127.2 | 138.9 | 157.0 | 184.1 | 232.3 |
| 62.5°  | 91.1  | 93.4  | 95.2  | 96.1   | 99.2  | 102.4 | 109.6 | 117.7 | 130.4 | 154.3 | 188.6 |
| 65°    | 78.9  | 79.4  | 80.7  | 81.7   | 83.0  | 86.6  | 92.0  | 97.4  | 108.3 | 125.9 | 153.8 |
| 67.5°  | 65.0  | 66.8  | 68.6  | 68.6   | 69.9  | 71.7  | 77.1  | 81.7  | 89.8  | 100.1 | 119.1 |
| 70°    | 48.7  | 49.6  | 52.3  | 53.7   | 55.5  | 58.6  | 61.4  | 64.1  | 70.4  | 78.0  | 92.5  |
| 72.5°  | 40.6  | 40.6  | 41.5  | 42.0   | 42.0  | 44.2  | 48.3  | 51.0  | 54.1  | 59.5  | 69.5  |
| 75°    | 32.5  | 32.5  | 33.8  | 33.4   | 34.3  | 35.2  | 35.6  | 37.4  | 39.2  | 43.3  | 49.2  |
| 77.5°  | 25.7  | 26.2  | 26.2  | 26.6   | 26.6  | 27.1  | 27.5  | 28.4  | 29.3  | 31.6  | 34.3  |
| 80°    | 18.9  | 19.4  | 19.4  | 19.8   | 19.8  | 20.3  | 20.8  | 21.2  | 22.1  | 23.0  | 24.4  |
| 82.5°  | 13.1  | 13.5  | 13.5  | 14.0   | 13.5  | 14.0  | 14.4  | 14.4  | 14.9  | 15.8  | 16.2  |
| 85°    | 7.7   | 7.7   | 8.1   | 7.7    | 7.7   | 7.7   | 8.1   | 8.1   | 8.6   | 9.9   | 9.9   |
| 87.5°  | 2.3   | 2.7   | 2.3   | 2.7    | 2.7   | 2.7   | 2.7   | 3.2   | 3.2   | 3.6   | 4.1   |
| 90°    | 10.3  | 9.9   | 10.3  | 9.9    | 9.5   | 9.2   | 8.8   | 8.5   | 8.8   | 7.8   | 6.7   |
| 92.5°  | 19.1  | 20.5  | 21.2  | 22.4   | 23.7  | 27.2  | 35.0  | 49.2  | 65.8  | 72.8  | 54.5  |
| 95°    | 44.9  | 48.1  | 54.8  | 61.2   | 67.5  | 86.3  | 127.3 | 170.1 | 209.7 | 186.7 | 128.7 |
| 97.5°  | 96.5  | 110.0 | 133.7 | 153.8  | 174.0 | 220.7 | 292.4 | 333.5 | 322.5 | 240.8 | 143.2 |
| 100°   | 235.2 | 261.0 | 296.7 | 321.8  | 346.9 | 388.3 | 416.9 | 404.5 | 334.9 | 226.3 | 133.3 |
| 102.5° | 372.4 | 391.5 | 417.3 | 430.9  | 444.5 | 464.3 | 458.3 | 408.1 | 311.9 | 205.1 | 124.8 |
| 105°   | 462.9 | 476.3 | 492.6 | 497.2  | 501.8 | 495.1 | 459.7 | 385.8 | 284.3 | 188.5 | 121.6 |
| 107.5° | 522.7 | 529.0 | 531.1 | 526.4  | 521.6 | 494.0 | 438.5 | 354.0 | 259.9 | 176.5 | 120.9 |
| 110°   | 552.4 | 549.5 | 539.6 | 527.2  | 514.9 | 470.3 | 405.3 | 324.3 | 239.8 | 170.1 | 122.7 |

TEST NUMBER: P1012486

CATALOG NUMBER: S123RDIP-B340D365UB40-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 100°  | 105°  | 110°  | 112.5° | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  |
|--------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 554.5 | 544.2 | 524.1 | 507.3  | 490.5 | 439.2 | 372.4 | 298.5 | 226.3 | 166.6 | 126.2 |
| 115°   | 538.2 | 522.7 | 496.1 | 476.8  | 457.6 | 405.6 | 344.1 | 278.7 | 217.5 | 166.2 | 130.1 |
| 117.5° | 509.2 | 491.9 | 464.3 | 444.3  | 424.3 | 376.6 | 322.2 | 265.6 | 211.5 | 166.6 | 135.1 |
| 120°   | 479.2 | 459.4 | 431.4 | 413.6  | 395.7 | 353.3 | 305.5 | 255.7 | 207.6 | 168.0 | 140.7 |
| 122.5° | 447.0 | 429.7 | 405.6 | 389.4  | 373.1 | 334.5 | 292.4 | 247.5 | 205.1 | 170.4 | 146.0 |
| 125°   | 420.1 | 404.5 | 381.9 | 367.8  | 353.6 | 319.7 | 281.1 | 240.8 | 203.0 | 172.9 | 151.7 |
| 127.5° | 397.1 | 383.7 | 363.2 | 350.1  | 337.0 | 305.9 | 270.9 | 234.5 | 201.9 | 175.8 | 156.3 |
| 130°   | 377.3 | 364.6 | 345.8 | 333.8  | 321.8 | 293.2 | 261.3 | 229.5 | 200.9 | 178.6 | 160.9 |
| 132.5° | 360.0 | 347.3 | 329.9 | 318.6  | 307.3 | 281.1 | 252.5 | 224.9 | 200.5 | 180.7 | 165.1 |
| 135°   | 340.9 | 330.3 | 313.0 | 302.9  | 292.8 | 269.8 | 244.7 | 221.0 | 200.2 | 182.8 | 168.7 |
| 137.5° | 322.9 | 311.9 | 297.0 | 288.0  | 279.0 | 258.5 | 237.3 | 217.5 | 199.4 | 184.2 | 171.5 |
| 140°   | 304.5 | 294.6 | 281.1 | 273.5  | 265.9 | 249.0 | 230.9 | 214.3 | 199.1 | 185.7 | 173.6 |
| 142.5° | 286.1 | 277.6 | 266.6 | 260.2  | 253.9 | 239.8 | 224.9 | 211.5 | 198.4 | 186.7 | 175.8 |
| 145°   | 269.8 | 262.4 | 253.5 | 248.4  | 243.3 | 232.0 | 220.3 | 209.0 | 197.7 | 187.1 | 177.2 |
| 147.5° | 255.3 | 250.0 | 242.9 | 239.2  | 235.5 | 226.0 | 216.4 | 206.5 | 196.6 | 187.1 | 178.2 |
| 150°   | 243.6 | 239.8 | 234.5 | 231.1  | 227.7 | 220.3 | 212.2 | 204.0 | 195.2 | 187.1 | 178.6 |
| 152.5° | 234.1 | 230.6 | 226.7 | 224.0  | 221.4 | 215.0 | 208.3 | 201.2 | 193.4 | 186.0 | 179.3 |
| 155°   | 225.6 | 222.8 | 219.6 | 217.5  | 215.4 | 210.1 | 204.4 | 198.4 | 191.3 | 185.3 | 179.3 |
| 157.5° | 217.8 | 215.7 | 212.9 | 211.1  | 209.3 | 205.1 | 200.2 | 195.2 | 189.5 | 184.2 | 179.6 |
| 160°   | 211.1 | 209.0 | 206.5 | 205.2  | 204.0 | 200.5 | 196.6 | 192.0 | 187.4 | 183.5 | 179.6 |
| 162.5° | 204.0 | 202.3 | 200.9 | 199.8  | 198.7 | 195.6 | 192.4 | 188.8 | 185.3 | 182.1 | 179.3 |
| 165°   | 198.0 | 196.6 | 195.2 | 194.3  | 193.4 | 191.0 | 188.8 | 186.0 | 183.2 | 180.7 | 178.6 |
| 167.5° | 192.0 | 191.0 | 190.2 | 189.5  | 188.8 | 187.4 | 185.7 | 183.2 | 181.1 | 179.3 | 178.2 |
| 170°   | 186.7 | 186.0 | 185.7 | 185.3  | 184.9 | 183.5 | 182.5 | 180.7 | 178.9 | 177.9 | 177.2 |
| 172.5° | 182.5 | 181.8 | 181.8 | 181.6  | 181.4 | 180.3 | 179.6 | 178.2 | 177.2 | 176.8 | 176.8 |
| 175°   | 178.6 | 178.2 | 178.2 | 178.2  | 178.2 | 177.5 | 177.2 | 176.5 | 175.8 | 175.8 | 176.1 |
| 177.5° | 176.1 | 175.8 | 176.1 | 176.1  | 176.1 | 175.8 | 175.4 | 175.0 | 174.7 | 175.0 | 175.8 |
| 180°   | 174.7 | 174.7 | 174.7 | 174.7  | 174.7 | 174.7 | 174.7 | 174.7 | 174.7 | 174.7 | 174.7 |

TEST NUMBER: P1012486

CATALOG NUMBER: S123RDIP-B340D365UB40-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 150°  | 155°  | 157.5° | 160°  | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  |
|--------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 526.9 | 526.9 | 526.9  | 526.9 | 526.9 | 526.9 | 526.9 | 526.9 | 526.9 | 526.9 | 526.9 |
| 2.5°   | 545.4 | 543.1 | 540.9  | 540.9 | 535.9 | 531.4 | 529.2 | 530.1 | 527.3 | 523.7 | 520.1 |
| 5°     | 569.3 | 560.3 | 558.5  | 553.5 | 546.7 | 537.3 | 532.3 | 527.8 | 522.4 | 515.2 | 508.4 |
| 7.5°   | 591.4 | 579.7 | 573.4  | 568.4 | 555.3 | 542.2 | 531.4 | 524.2 | 514.7 | 503.9 | 495.8 |
| 10°    | 620.3 | 598.6 | 591.9  | 580.6 | 562.1 | 543.6 | 531.0 | 519.2 | 506.1 | 493.5 | 482.7 |
| 12.5°  | 643.3 | 618.5 | 605.8  | 594.6 | 570.7 | 547.2 | 526.0 | 511.6 | 495.8 | 481.8 | 467.8 |
| 15°    | 669.4 | 641.5 | 619.4  | 605.8 | 575.6 | 547.2 | 523.3 | 503.0 | 485.4 | 468.3 | 456.1 |
| 17.5°  | 682.1 | 646.9 | 637.0  | 617.6 | 573.8 | 545.4 | 516.1 | 494.4 | 473.2 | 453.4 | 438.9 |
| 20°    | 701.9 | 660.9 | 636.1  | 623.0 | 584.2 | 542.2 | 507.9 | 483.1 | 461.0 | 439.8 | 424.5 |
| 22.5°  | 703.3 | 658.6 | 642.4  | 617.6 | 569.8 | 532.8 | 500.7 | 470.5 | 444.8 | 424.9 | 409.2 |
| 25°    | 700.1 | 654.6 | 632.0  | 612.2 | 572.5 | 527.3 | 486.3 | 456.5 | 431.3 | 408.3 | 389.8 |
| 27.5°  | 698.8 | 642.8 | 621.6  | 601.8 | 557.1 | 511.6 | 477.7 | 443.9 | 415.0 | 394.7 | 375.8 |
| 30°    | 697.0 | 630.2 | 604.5  | 581.5 | 540.4 | 499.4 | 458.8 | 429.5 | 401.9 | 376.2 | 357.3 |
| 32.5°  | 685.2 | 613.1 | 586.9  | 562.5 | 518.3 | 477.3 | 445.2 | 414.1 | 384.3 | 360.4 | 343.3 |
| 35°    | 681.6 | 597.3 | 563.0  | 536.8 | 493.5 | 457.0 | 423.1 | 397.4 | 369.5 | 345.5 | 325.2 |
| 37.5°  | 671.3 | 581.0 | 544.0  | 510.7 | 465.5 | 430.8 | 406.0 | 380.3 | 353.2 | 327.5 | 311.3 |
| 40°    | 653.2 | 562.1 | 520.1  | 485.8 | 439.4 | 404.2 | 381.2 | 362.2 | 335.6 | 312.6 | 292.8 |
| 42.5°  | 626.6 | 542.7 | 497.6  | 461.5 | 410.1 | 377.1 | 358.2 | 340.1 | 317.6 | 293.7 | 277.4 |
| 45°    | 595.9 | 517.0 | 475.0  | 434.9 | 382.5 | 350.5 | 330.7 | 319.8 | 299.1 | 278.8 | 259.8 |
| 47.5°  | 554.0 | 490.4 | 448.9  | 407.4 | 354.1 | 323.0 | 307.2 | 296.4 | 281.9 | 259.8 | 244.5 |
| 50°    | 501.2 | 456.1 | 416.8  | 379.8 | 326.2 | 296.4 | 280.6 | 272.5 | 260.3 | 244.5 | 229.6 |
| 52.5°  | 442.5 | 416.4 | 383.9  | 349.6 | 297.7 | 269.8 | 255.3 | 249.0 | 240.0 | 225.1 | 212.5 |
| 55°    | 383.4 | 372.2 | 350.1  | 316.2 | 268.0 | 245.0 | 232.3 | 224.2 | 217.4 | 206.6 | 195.8 |
| 57.5°  | 330.7 | 325.2 | 309.9  | 283.7 | 243.1 | 219.2 | 208.4 | 203.0 | 197.6 | 189.5 | 178.6 |
| 60°    | 276.1 | 281.9 | 266.2  | 253.1 | 216.1 | 195.3 | 185.9 | 180.0 | 177.3 | 170.1 | 163.3 |
| 62.5°  | 228.7 | 234.1 | 225.1  | 215.2 | 189.0 | 170.5 | 164.7 | 159.2 | 157.4 | 151.1 | 144.4 |
| 65°    | 185.9 | 192.6 | 185.9  | 180.4 | 164.7 | 149.3 | 142.1 | 139.4 | 137.6 | 133.5 | 128.1 |
| 67.5°  | 148.0 | 154.7 | 151.6  | 144.8 | 139.8 | 127.2 | 123.2 | 120.4 | 119.5 | 116.4 | 111.9 |
| 70°    | 111.4 | 120.9 | 121.8  | 117.7 | 113.2 | 107.4 | 104.7 | 103.8 | 101.5 | 98.8  | 96.1  |
| 72.5°  | 80.3  | 91.1  | 91.6   | 91.6  | 88.9  | 88.9  | 86.2  | 84.8  | 84.8  | 82.1  | 78.9  |
| 75°    | 59.1  | 66.3  | 67.2   | 68.1  | 69.5  | 70.8  | 69.0  | 69.0  | 68.6  | 65.9  | 64.5  |
| 77.5°  | 39.2  | 45.6  | 47.8   | 51.0  | 52.8  | 52.8  | 53.7  | 54.6  | 53.7  | 52.3  | 51.4  |
| 80°    | 25.3  | 29.8  | 32.5   | 34.3  | 37.0  | 38.3  | 39.7  | 40.1  | 39.2  | 38.8  | 37.4  |
| 82.5°  | 16.7  | 18.0  | 19.4   | 21.7  | 24.8  | 27.1  | 27.1  | 26.6  | 27.5  | 27.1  | 26.6  |
| 85°    | 9.5   | 10.4  | 10.8   | 11.3  | 13.1  | 15.3  | 15.8  | 16.2  | 17.1  | 16.2  | 15.3  |
| 87.5°  | 3.6   | 4.1   | 4.1    | 4.1   | 5.0   | 5.4   | 6.8   | 8.6   | 8.1   | 7.2   | 7.2   |
| 90°    | 5.7   | 4.6   | 4.2    | 3.9   | 3.2   | 2.1   | 1.4   | 0.7   | 1.4   | 2.1   | 3.2   |
| 92.5°  | 35.7  | 24.4  | 21.2   | 18.0  | 14.5  | 11.3  | 7.8   | 5.3   | 7.8   | 11.3  | 14.5  |
| 95°    | 76.0  | 46.0  | 39.1   | 32.2  | 23.0  | 17.0  | 13.1  | 12.0  | 13.1  | 17.0  | 23.0  |
| 97.5°  | 82.0  | 52.3  | 44.7   | 37.1  | 27.9  | 22.6  | 19.4  | 19.1  | 19.4  | 22.6  | 27.9  |
| 100°   | 81.0  | 56.2  | 49.3   | 42.4  | 33.9  | 29.0  | 26.5  | 26.2  | 26.5  | 29.0  | 33.9  |
| 102.5° | 82.4  | 60.8  | 54.6   | 48.4  | 41.0  | 36.4  | 34.3  | 33.6  | 34.3  | 36.4  | 41.0  |
| 105°   | 85.2  | 66.1  | 60.6   | 55.2  | 48.4  | 44.2  | 42.1  | 41.0  | 42.1  | 44.2  | 48.4  |
| 107.5° | 89.8  | 72.8  | 67.7   | 62.6  | 56.2  | 52.0  | 49.9  | 48.8  | 49.9  | 52.0  | 56.2  |
| 110°   | 95.8  | 79.9  | 75.0   | 70.0  | 64.0  | 60.1  | 58.3  | 57.3  | 58.3  | 60.1  | 64.0  |

TEST NUMBER: P1012486

CATALOG NUMBER: S123RDIP-B340D365UB40-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 150°  | 155°  | 157.5° | 160°  | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  |
|--------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 101.8 | 87.3  | 82.6   | 77.8  | 71.8  | 67.9  | 66.1  | 65.1  | 66.1  | 67.9  | 71.8  |
| 115°   | 108.6 | 95.1  | 90.4   | 85.6  | 79.6  | 76.0  | 73.9  | 72.5  | 73.9  | 76.0  | 79.6  |
| 117.5° | 115.6 | 102.2 | 97.8   | 93.4  | 86.6  | 83.5  | 81.7  | 79.9  | 81.7  | 83.5  | 86.6  |
| 120°   | 122.4 | 109.6 | 105.2  | 100.8 | 94.1  | 90.5  | 88.8  | 87.7  | 88.8  | 90.5  | 94.1  |
| 122.5° | 129.4 | 117.0 | 112.2  | 107.5 | 101.1 | 97.2  | 95.5  | 94.4  | 95.5  | 97.2  | 101.1 |
| 125°   | 136.1 | 123.8 | 119.0  | 114.2 | 107.5 | 103.6 | 101.5 | 100.8 | 101.5 | 103.6 | 107.5 |
| 127.5° | 142.2 | 130.1 | 125.4  | 120.6 | 113.2 | 109.3 | 106.8 | 105.7 | 106.8 | 109.3 | 113.2 |
| 130°   | 147.5 | 135.8 | 131.0  | 126.2 | 118.8 | 114.6 | 111.4 | 110.3 | 111.4 | 114.6 | 118.8 |
| 132.5° | 152.1 | 140.7 | 136.1  | 131.5 | 124.1 | 118.8 | 115.3 | 113.9 | 115.3 | 118.8 | 124.1 |
| 135°   | 156.7 | 145.7 | 140.9  | 136.1 | 128.7 | 123.4 | 119.5 | 118.1 | 119.5 | 123.4 | 128.7 |
| 137.5° | 159.8 | 149.2 | 144.8  | 140.4 | 133.0 | 127.3 | 123.4 | 122.0 | 123.4 | 127.3 | 133.0 |
| 140°   | 163.0 | 152.8 | 148.4  | 143.9 | 136.9 | 131.2 | 127.7 | 125.9 | 127.7 | 131.2 | 136.9 |
| 142.5° | 165.5 | 155.6 | 151.6  | 147.5 | 140.4 | 135.4 | 131.5 | 130.1 | 131.5 | 135.4 | 140.4 |
| 145°   | 167.6 | 158.4 | 154.4  | 150.3 | 144.3 | 139.0 | 135.8 | 134.7 | 135.8 | 139.0 | 144.3 |
| 147.5° | 169.4 | 160.9 | 157.4  | 153.8 | 147.8 | 143.2 | 140.0 | 139.3 | 140.0 | 143.2 | 147.8 |
| 150°   | 171.2 | 163.0 | 159.8  | 156.7 | 151.7 | 147.1 | 144.3 | 143.9 | 144.3 | 147.1 | 151.7 |
| 152.5° | 172.2 | 165.5 | 162.5  | 159.5 | 155.2 | 151.4 | 148.5 | 148.5 | 148.5 | 151.4 | 155.2 |
| 155°   | 173.6 | 167.6 | 165.1  | 162.7 | 158.8 | 155.2 | 153.1 | 153.1 | 153.1 | 155.2 | 158.8 |
| 157.5° | 174.3 | 169.4 | 167.4  | 165.5 | 162.0 | 158.8 | 157.0 | 156.7 | 157.0 | 158.8 | 162.0 |
| 160°   | 175.4 | 171.2 | 169.4  | 167.6 | 165.1 | 162.3 | 160.9 | 160.9 | 160.9 | 162.3 | 165.1 |
| 162.5° | 175.8 | 172.2 | 170.8  | 169.4 | 167.3 | 165.1 | 164.1 | 164.1 | 164.1 | 165.1 | 167.3 |
| 165°   | 176.1 | 173.3 | 172.0  | 170.8 | 169.4 | 167.6 | 166.9 | 167.3 | 166.9 | 167.6 | 169.4 |
| 167.5° | 176.1 | 174.0 | 173.1  | 172.2 | 171.2 | 169.7 | 169.4 | 169.7 | 169.4 | 169.7 | 171.2 |
| 170°   | 175.8 | 174.0 | 173.6  | 173.3 | 172.6 | 171.5 | 171.2 | 171.9 | 171.2 | 171.5 | 172.6 |
| 172.5° | 175.8 | 174.3 | 174.2  | 174.0 | 173.6 | 172.9 | 172.9 | 173.3 | 172.9 | 172.9 | 173.6 |
| 175°   | 175.4 | 174.7 | 174.5  | 174.3 | 174.3 | 173.6 | 174.0 | 174.3 | 174.0 | 173.6 | 174.3 |
| 177.5° | 175.0 | 174.7 | 174.7  | 174.7 | 174.7 | 174.3 | 174.7 | 175.0 | 174.7 | 174.3 | 174.7 |
| 180°   | 174.7 | 174.7 | 174.7  | 174.7 | 174.7 | 174.7 | 174.7 | 174.7 | 174.7 | 174.7 | 174.7 |

TEST NUMBER: P1012486

CATALOG NUMBER: S123RDIP-B340D365UB40-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 200°  | 202.5° | 205°  | 210°  | 215°  | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  |
|--------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 526.9 | 526.9  | 526.9 | 526.9 | 526.9 | 526.9 | 526.9 | 526.9 | 526.9 | 526.9 | 526.9 |
| 2.5°   | 520.1 | 517.9  | 517.0 | 514.7 | 509.3 | 505.7 | 501.6 | 498.9 | 499.4 | 497.1 | 498.5 |
| 5°     | 503.9 | 503.4  | 500.3 | 495.8 | 488.1 | 484.0 | 476.8 | 473.2 | 471.4 | 471.9 | 469.2 |
| 7.5°   | 490.4 | 486.3  | 484.0 | 476.8 | 469.6 | 461.0 | 455.2 | 452.0 | 449.3 | 446.6 | 444.8 |
| 10°    | 475.0 | 471.4  | 467.8 | 460.1 | 450.2 | 442.1 | 434.0 | 430.8 | 426.7 | 424.9 | 423.6 |
| 12.5°  | 458.8 | 456.5  | 452.0 | 443.0 | 431.7 | 424.0 | 414.6 | 412.8 | 407.4 | 403.7 | 402.8 |
| 15°    | 443.9 | 442.5  | 434.4 | 424.0 | 412.8 | 405.1 | 397.0 | 391.6 | 382.5 | 384.3 | 381.2 |
| 17.5°  | 428.1 | 422.2  | 417.3 | 403.3 | 397.9 | 386.1 | 376.7 | 374.0 | 367.7 | 363.6 | 359.5 |
| 20°    | 410.5 | 406.9  | 400.6 | 391.6 | 378.5 | 364.9 | 357.7 | 353.2 | 349.6 | 343.3 | 341.5 |
| 22.5°  | 393.8 | 389.3  | 383.9 | 372.2 | 360.9 | 349.6 | 339.7 | 335.6 | 331.1 | 326.6 | 323.9 |
| 25°    | 380.7 | 374.0  | 368.1 | 353.7 | 342.4 | 332.9 | 326.6 | 319.8 | 313.5 | 310.8 | 309.9 |
| 27.5°  | 360.4 | 356.4  | 350.5 | 337.0 | 326.6 | 316.2 | 310.4 | 305.9 | 299.1 | 295.9 | 293.2 |
| 30°    | 347.4 | 339.2  | 332.5 | 321.6 | 311.3 | 300.0 | 294.6 | 289.2 | 285.1 | 281.0 | 277.9 |
| 32.5°  | 329.8 | 323.4  | 318.0 | 307.2 | 296.8 | 286.5 | 280.6 | 272.5 | 270.2 | 267.1 | 263.4 |
| 35°    | 312.6 | 308.6  | 302.7 | 291.0 | 279.7 | 272.5 | 266.2 | 258.5 | 255.8 | 253.5 | 250.4 |
| 37.5°  | 296.4 | 290.5  | 286.5 | 275.2 | 265.3 | 256.7 | 251.7 | 245.4 | 243.6 | 240.9 | 238.6 |
| 40°    | 282.4 | 276.5  | 272.5 | 261.2 | 250.8 | 241.8 | 238.6 | 232.3 | 229.6 | 226.5 | 225.1 |
| 42.5°  | 266.6 | 261.6  | 256.2 | 248.1 | 237.3 | 228.3 | 221.9 | 218.3 | 214.7 | 213.4 | 210.7 |
| 45°    | 249.9 | 245.4  | 241.3 | 232.3 | 221.0 | 214.7 | 209.3 | 204.4 | 201.6 | 199.4 | 197.6 |
| 47.5°  | 235.5 | 231.4  | 226.0 | 216.1 | 207.1 | 201.2 | 195.8 | 190.8 | 188.1 | 185.4 | 183.2 |
| 50°    | 218.8 | 216.5  | 210.7 | 201.2 | 192.6 | 185.9 | 180.9 | 176.4 | 174.6 | 171.4 | 167.8 |
| 52.5°  | 203.9 | 199.8  | 194.9 | 187.2 | 179.5 | 171.4 | 164.7 | 161.9 | 158.8 | 157.0 | 153.8 |
| 55°    | 186.3 | 183.6  | 178.2 | 171.4 | 163.3 | 156.5 | 151.6 | 148.0 | 143.9 | 142.1 | 138.0 |
| 57.5°  | 171.4 | 166.5  | 163.8 | 155.2 | 147.5 | 140.7 | 137.1 | 133.5 | 129.0 | 126.3 | 124.5 |
| 60°    | 155.2 | 150.7  | 146.6 | 139.4 | 134.0 | 126.8 | 121.3 | 118.2 | 115.0 | 111.4 | 109.6 |
| 62.5°  | 139.4 | 135.8  | 130.8 | 125.0 | 118.2 | 112.3 | 108.3 | 103.8 | 102.0 | 98.3  | 97.0  |
| 65°    | 122.3 | 119.5  | 115.5 | 108.7 | 103.3 | 98.3  | 94.3  | 90.7  | 88.9  | 87.5  | 86.6  |
| 67.5°  | 106.9 | 103.3  | 100.6 | 94.7  | 88.9  | 84.8  | 82.6  | 80.3  | 78.0  | 76.7  | 75.3  |
| 70°    | 91.1  | 88.4   | 85.7  | 80.3  | 76.2  | 72.6  | 70.8  | 69.0  | 67.7  | 66.3  | 65.0  |
| 72.5°  | 74.9  | 73.5   | 70.8  | 67.2  | 64.1  | 61.4  | 60.0  | 57.7  | 56.4  | 54.1  | 53.2  |
| 75°    | 61.8  | 59.5   | 58.2  | 55.0  | 52.3  | 50.1  | 48.3  | 45.6  | 43.8  | 42.9  | 42.4  |
| 77.5°  | 48.7  | 47.8   | 46.0  | 43.3  | 42.0  | 39.7  | 37.0  | 36.1  | 35.2  | 35.2  | 34.7  |
| 80°    | 36.5  | 35.2   | 33.8  | 31.6  | 30.2  | 28.4  | 28.4  | 28.4  | 28.0  | 28.4  | 28.0  |
| 82.5°  | 24.8  | 23.9   | 23.0  | 21.7  | 21.2  | 21.2  | 21.7  | 21.7  | 21.7  | 21.7  | 21.7  |
| 85°    | 14.4  | 14.4   | 14.4  | 14.9  | 14.4  | 14.4  | 14.9  | 15.3  | 14.9  | 14.9  | 14.4  |
| 87.5°  | 6.8   | 6.8    | 7.2   | 7.2   | 7.7   | 7.7   | 7.7   | 7.7   | 7.7   | 7.7   | 8.1   |
| 90°    | 3.9   | 4.2    | 4.6   | 5.7   | 6.7   | 7.8   | 8.8   | 8.5   | 8.8   | 9.2   | 9.5   |
| 92.5°  | 18.0  | 21.2   | 24.4  | 35.7  | 54.5  | 72.8  | 65.8  | 49.2  | 35.0  | 27.2  | 23.7  |
| 95°    | 32.2  | 39.1   | 46.0  | 76.0  | 128.7 | 186.7 | 209.7 | 170.1 | 127.3 | 86.3  | 67.5  |
| 97.5°  | 37.1  | 44.7   | 52.3  | 82.0  | 143.2 | 240.8 | 322.5 | 333.5 | 292.4 | 220.7 | 174.0 |
| 100°   | 42.4  | 49.3   | 56.2  | 81.0  | 133.3 | 226.3 | 334.9 | 404.5 | 416.9 | 388.3 | 346.9 |
| 102.5° | 48.4  | 54.6   | 60.8  | 82.4  | 124.8 | 205.1 | 311.9 | 408.1 | 458.3 | 464.3 | 444.5 |
| 105°   | 55.2  | 60.6   | 66.1  | 85.2  | 121.6 | 188.5 | 284.3 | 385.8 | 459.7 | 495.1 | 501.8 |
| 107.5° | 62.6  | 67.7   | 72.8  | 89.8  | 120.9 | 176.5 | 259.9 | 354.0 | 438.5 | 494.0 | 521.6 |
| 110°   | 70.0  | 75.0   | 79.9  | 95.8  | 122.7 | 170.1 | 239.8 | 324.3 | 405.3 | 470.3 | 514.9 |

TEST NUMBER: P1012486

CATALOG NUMBER: S123RDIP-B340D365UB40-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 200°  | 202.5° | 205°  | 210°  | 215°  | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  |
|--------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 77.8  | 82.6   | 87.3  | 101.8 | 126.2 | 166.6 | 226.3 | 298.5 | 372.4 | 439.2 | 490.5 |
| 115°   | 85.6  | 90.4   | 95.1  | 108.6 | 130.1 | 166.2 | 217.5 | 278.7 | 344.1 | 405.6 | 457.6 |
| 117.5° | 93.4  | 97.8   | 102.2 | 115.6 | 135.1 | 166.6 | 211.5 | 265.6 | 322.2 | 376.6 | 424.3 |
| 120°   | 100.8 | 105.2  | 109.6 | 122.4 | 140.7 | 168.0 | 207.6 | 255.7 | 305.5 | 353.3 | 395.7 |
| 122.5° | 107.5 | 112.2  | 117.0 | 129.4 | 146.0 | 170.4 | 205.1 | 247.5 | 292.4 | 334.5 | 373.1 |
| 125°   | 114.2 | 119.0  | 123.8 | 136.1 | 151.7 | 172.9 | 203.0 | 240.8 | 281.1 | 319.7 | 353.6 |
| 127.5° | 120.6 | 125.4  | 130.1 | 142.2 | 156.3 | 175.8 | 201.9 | 234.5 | 270.9 | 305.9 | 337.0 |
| 130°   | 126.2 | 131.0  | 135.8 | 147.5 | 160.9 | 178.6 | 200.9 | 229.5 | 261.3 | 293.2 | 321.8 |
| 132.5° | 131.5 | 136.1  | 140.7 | 152.1 | 165.1 | 180.7 | 200.5 | 224.9 | 252.5 | 281.1 | 307.3 |
| 135°   | 136.1 | 140.9  | 145.7 | 156.7 | 168.7 | 182.8 | 200.2 | 221.0 | 244.7 | 269.8 | 292.8 |
| 137.5° | 140.4 | 144.8  | 149.2 | 159.8 | 171.5 | 184.2 | 199.4 | 217.5 | 237.3 | 258.5 | 279.0 |
| 140°   | 143.9 | 148.4  | 152.8 | 163.0 | 173.6 | 185.7 | 199.1 | 214.3 | 230.9 | 249.0 | 265.9 |
| 142.5° | 147.5 | 151.6  | 155.6 | 165.5 | 175.8 | 186.7 | 198.4 | 211.5 | 224.9 | 239.8 | 253.9 |
| 145°   | 150.3 | 154.4  | 158.4 | 167.6 | 177.2 | 187.1 | 197.7 | 209.0 | 220.3 | 232.0 | 243.3 |
| 147.5° | 153.8 | 157.4  | 160.9 | 169.4 | 178.2 | 187.1 | 196.6 | 206.5 | 216.4 | 226.0 | 235.5 |
| 150°   | 156.7 | 159.8  | 163.0 | 171.2 | 178.6 | 187.1 | 195.2 | 204.0 | 212.2 | 220.3 | 227.7 |
| 152.5° | 159.5 | 162.5  | 165.5 | 172.2 | 179.3 | 186.0 | 193.4 | 201.2 | 208.3 | 215.0 | 221.4 |
| 155°   | 162.7 | 165.1  | 167.6 | 173.6 | 179.3 | 185.3 | 191.3 | 198.4 | 204.4 | 210.1 | 215.4 |
| 157.5° | 165.5 | 167.4  | 169.4 | 174.3 | 179.6 | 184.2 | 189.5 | 195.2 | 200.2 | 205.1 | 209.3 |
| 160°   | 167.6 | 169.4  | 171.2 | 175.4 | 179.6 | 183.5 | 187.4 | 192.0 | 196.6 | 200.5 | 204.0 |
| 162.5° | 169.4 | 170.8  | 172.2 | 175.8 | 179.3 | 182.1 | 185.3 | 188.8 | 192.4 | 195.6 | 198.7 |
| 165°   | 170.8 | 172.0  | 173.3 | 176.1 | 178.6 | 180.7 | 183.2 | 186.0 | 188.8 | 191.0 | 193.4 |
| 167.5° | 172.2 | 173.1  | 174.0 | 176.1 | 178.2 | 179.3 | 181.1 | 183.2 | 185.7 | 187.4 | 188.8 |
| 170°   | 173.3 | 173.6  | 174.0 | 175.8 | 177.2 | 177.9 | 178.9 | 180.7 | 182.5 | 183.5 | 184.9 |
| 172.5° | 174.0 | 174.2  | 174.3 | 175.8 | 176.8 | 176.8 | 177.2 | 178.2 | 179.6 | 180.3 | 181.4 |
| 175°   | 174.3 | 174.5  | 174.7 | 175.4 | 176.1 | 175.8 | 175.8 | 176.5 | 177.2 | 177.5 | 178.2 |
| 177.5° | 174.7 | 174.7  | 174.7 | 175.0 | 175.8 | 175.0 | 174.7 | 175.0 | 175.4 | 175.8 | 176.1 |
| 180°   | 174.7 | 174.7  | 174.7 | 174.7 | 174.7 | 174.7 | 174.7 | 174.7 | 174.7 | 174.7 | 174.7 |



TEST NUMBER: P1012486

CATALOG NUMBER: S123RDIP-B340D365UB40-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°  | 255°  | 260°  | 265°  | 270°  | 275°  | 280°  | 285°  | 290°  | 292.5° |
|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 0°     | 526.9  | 526.9 | 526.9 | 526.9 | 526.9 | 526.9 | 526.9 | 526.9 | 526.9 | 526.9 | 526.9  |
| 2.5°   | 498.0  | 498.5 | 497.1 | 494.4 | 494.0 | 494.9 | 497.6 | 496.7 | 494.4 | 498.5 | 494.9  |
| 5°     | 470.5  | 468.3 | 467.3 | 468.3 | 465.5 | 464.2 | 466.9 | 465.5 | 466.9 | 467.3 | 468.7  |
| 7.5°   | 443.9  | 444.3 | 441.6 | 442.1 | 438.5 | 439.4 | 439.4 | 439.4 | 440.7 | 441.6 | 443.4  |
| 10°    | 420.9  | 421.8 | 418.6 | 419.1 | 416.4 | 414.6 | 415.9 | 418.6 | 418.6 | 418.6 | 419.5  |
| 12.5°  | 402.4  | 398.3 | 396.1 | 395.6 | 392.5 | 391.6 | 394.3 | 395.2 | 397.4 | 397.4 | 398.8  |
| 15°    | 379.4  | 378.5 | 376.7 | 376.7 | 369.0 | 370.8 | 371.7 | 374.9 | 379.4 | 375.8 | 376.7  |
| 17.5°  | 358.6  | 356.4 | 354.1 | 353.2 | 352.3 | 349.6 | 353.2 | 352.8 | 355.5 | 355.9 | 357.3  |
| 20°    | 340.1  | 338.3 | 333.8 | 334.3 | 335.2 | 331.1 | 333.4 | 333.4 | 336.1 | 338.8 | 341.9  |
| 22.5°  | 322.1  | 320.3 | 318.0 | 318.9 | 316.2 | 315.3 | 315.3 | 317.6 | 320.7 | 323.0 | 322.5  |
| 25°    | 308.1  | 305.0 | 303.6 | 302.2 | 300.9 | 301.8 | 300.4 | 302.7 | 305.0 | 306.3 | 305.0  |
| 27.5°  | 292.3  | 291.0 | 288.3 | 286.9 | 284.7 | 285.6 | 286.5 | 288.3 | 289.6 | 289.6 | 291.0  |
| 30°    | 277.0  | 275.2 | 274.3 | 272.9 | 272.9 | 271.1 | 271.6 | 273.4 | 274.7 | 276.1 | 277.9  |
| 32.5°  | 262.1  | 260.7 | 259.4 | 259.4 | 258.5 | 258.0 | 257.6 | 260.3 | 260.3 | 263.0 | 263.0  |
| 35°    | 249.9  | 247.7 | 247.7 | 245.4 | 246.3 | 245.9 | 245.0 | 246.8 | 247.2 | 249.0 | 248.6  |
| 37.5°  | 236.4  | 236.4 | 235.5 | 233.2 | 231.4 | 231.9 | 234.1 | 234.1 | 235.5 | 235.0 | 236.4  |
| 40°    | 222.8  | 221.9 | 221.9 | 220.6 | 220.1 | 219.7 | 220.1 | 220.6 | 222.8 | 222.4 | 222.8  |
| 42.5°  | 209.3  | 209.8 | 207.5 | 207.5 | 207.5 | 206.2 | 206.6 | 207.1 | 208.0 | 208.9 | 210.2  |
| 45°    | 196.2  | 195.3 | 194.9 | 194.0 | 193.1 | 193.5 | 193.1 | 194.9 | 194.4 | 195.3 | 196.7  |
| 47.5°  | 182.2  | 180.9 | 180.4 | 178.6 | 178.6 | 179.5 | 179.1 | 180.4 | 180.9 | 182.2 | 181.3  |
| 50°    | 168.7  | 166.9 | 165.6 | 166.0 | 163.3 | 164.2 | 164.2 | 165.6 | 166.9 | 167.4 | 168.3  |
| 52.5°  | 152.9  | 152.5 | 152.0 | 149.8 | 149.3 | 148.9 | 149.3 | 149.8 | 151.6 | 152.9 | 153.4  |
| 55°    | 137.6  | 137.1 | 134.4 | 133.5 | 132.2 | 132.2 | 133.1 | 133.5 | 136.7 | 137.1 | 138.9  |
| 57.5°  | 123.6  | 122.3 | 119.1 | 118.6 | 118.6 | 118.6 | 117.3 | 119.1 | 120.0 | 122.3 | 122.3  |
| 60°    | 108.3  | 108.3 | 105.6 | 105.6 | 106.0 | 105.6 | 105.6 | 106.0 | 106.0 | 107.8 | 108.7  |
| 62.5°  | 96.1   | 95.6  | 95.6  | 94.7  | 94.3  | 94.7  | 94.3  | 94.3  | 94.7  | 96.1  | 97.4   |
| 65°    | 85.3   | 84.8  | 84.4  | 83.9  | 83.0  | 83.0  | 83.5  | 84.4  | 84.4  | 85.3  | 85.7   |
| 67.5°  | 74.9   | 74.9  | 74.0  | 74.0  | 73.5  | 73.1  | 73.5  | 73.1  | 74.9  | 74.9  | 75.3   |
| 70°    | 64.5   | 64.1  | 62.7  | 62.3  | 60.9  | 61.4  | 61.4  | 62.7  | 63.2  | 64.1  | 65.0   |
| 72.5°  | 51.9   | 51.9  | 51.0  | 50.1  | 50.5  | 49.6  | 49.6  | 50.1  | 50.1  | 51.4  | 51.9   |
| 75°    | 42.9   | 42.0  | 41.5  | 42.0  | 41.5  | 42.4  | 41.5  | 41.5  | 42.4  | 42.4  | 42.4   |
| 77.5°  | 35.2   | 35.2  | 34.7  | 34.7  | 35.2  | 34.7  | 35.2  | 35.2  | 35.2  | 34.7  | 35.2   |
| 80°    | 28.9   | 28.4  | 28.4  | 28.4  | 28.0  | 28.0  | 28.0  | 28.0  | 28.0  | 28.0  | 28.0   |
| 82.5°  | 21.7   | 21.7  | 21.2  | 21.7  | 21.7  | 21.2  | 21.7  | 21.2  | 21.2  | 21.7  | 21.7   |
| 85°    | 14.4   | 15.3  | 14.4  | 14.4  | 14.9  | 14.9  | 15.3  | 14.9  | 15.3  | 14.4  | 14.9   |
| 87.5°  | 7.7    | 8.1   | 8.1   | 7.7   | 7.7   | 8.1   | 8.1   | 8.1   | 8.6   | 7.7   | 8.1    |
| 90°    | 9.9    | 10.3  | 9.9   | 10.3  | 10.6  | 10.3  | 10.6  | 10.3  | 9.9   | 10.3  | 9.9    |
| 92.5°  | 22.4   | 21.2  | 20.5  | 19.1  | 19.4  | 18.7  | 19.4  | 19.1  | 20.5  | 21.2  | 22.4   |
| 95°    | 61.2   | 54.8  | 48.1  | 44.9  | 42.4  | 41.0  | 42.4  | 44.9  | 48.1  | 54.8  | 61.2   |
| 97.5°  | 153.8  | 133.7 | 110.0 | 96.5  | 88.1  | 84.2  | 88.1  | 96.5  | 110.0 | 133.7 | 153.8  |
| 100°   | 321.8  | 296.7 | 261.0 | 235.2 | 221.4 | 221.7 | 221.4 | 235.2 | 261.0 | 296.7 | 321.8  |
| 102.5° | 430.9  | 417.3 | 391.5 | 372.4 | 361.4 | 351.1 | 361.4 | 372.4 | 391.5 | 417.3 | 430.9  |
| 105°   | 497.2  | 492.6 | 476.3 | 462.9 | 451.6 | 449.8 | 451.6 | 462.9 | 476.3 | 492.6 | 497.2  |
| 107.5° | 526.4  | 531.1 | 529.0 | 522.7 | 518.1 | 514.2 | 518.1 | 522.7 | 529.0 | 531.1 | 526.4  |
| 110°   | 527.2  | 539.6 | 549.5 | 552.4 | 551.7 | 550.9 | 551.7 | 552.4 | 549.5 | 539.6 | 527.2  |



TEST NUMBER: P1012486

CATALOG NUMBER: S123RDIP-B340D365UB40-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°  | 255°  | 260°  | 265°  | 270°  | 275°  | 280°  | 285°  | 290°  | 292.5° |
|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 112.5° | 507.3  | 524.1 | 544.2 | 554.5 | 558.0 | 558.4 | 558.0 | 554.5 | 544.2 | 524.1 | 507.3  |
| 115°   | 476.8  | 496.1 | 522.7 | 538.2 | 545.3 | 547.1 | 545.3 | 538.2 | 522.7 | 496.1 | 476.8  |
| 117.5° | 444.3  | 464.3 | 491.9 | 509.2 | 519.8 | 522.3 | 519.8 | 509.2 | 491.9 | 464.3 | 444.3  |
| 120°   | 413.6  | 431.4 | 459.4 | 479.2 | 487.6 | 489.8 | 487.6 | 479.2 | 459.4 | 431.4 | 413.6  |
| 122.5° | 389.4  | 405.6 | 429.7 | 447.0 | 456.5 | 459.4 | 456.5 | 447.0 | 429.7 | 405.6 | 389.4  |
| 125°   | 367.8  | 381.9 | 404.5 | 420.1 | 428.9 | 431.4 | 428.9 | 420.1 | 404.5 | 381.9 | 367.8  |
| 127.5° | 350.1  | 363.2 | 383.7 | 397.1 | 405.3 | 407.4 | 405.3 | 397.1 | 383.7 | 363.2 | 350.1  |
| 130°   | 333.8  | 345.8 | 364.6 | 377.3 | 384.7 | 387.6 | 384.7 | 377.3 | 364.6 | 345.8 | 333.8  |
| 132.5° | 318.6  | 329.9 | 347.3 | 360.0 | 366.4 | 368.1 | 366.4 | 360.0 | 347.3 | 329.9 | 318.6  |
| 135°   | 302.9  | 313.0 | 330.3 | 340.9 | 347.3 | 349.7 | 347.3 | 340.9 | 330.3 | 313.0 | 302.9  |
| 137.5° | 288.0  | 297.0 | 311.9 | 322.9 | 328.2 | 330.3 | 328.2 | 322.9 | 311.9 | 297.0 | 288.0  |
| 140°   | 273.5  | 281.1 | 294.6 | 304.5 | 310.1 | 309.8 | 310.1 | 304.5 | 294.6 | 281.1 | 273.5  |
| 142.5° | 260.2  | 266.6 | 277.6 | 286.1 | 291.0 | 290.7 | 291.0 | 286.1 | 277.6 | 266.6 | 260.2  |
| 145°   | 248.4  | 253.5 | 262.4 | 269.8 | 272.6 | 273.4 | 272.6 | 269.8 | 262.4 | 253.5 | 248.4  |
| 147.5° | 239.2  | 242.9 | 250.0 | 255.3 | 258.1 | 258.5 | 258.1 | 255.3 | 250.0 | 242.9 | 239.2  |
| 150°   | 231.1  | 234.5 | 239.8 | 243.6 | 245.8 | 245.8 | 245.8 | 243.6 | 239.8 | 234.5 | 231.1  |
| 152.5° | 224.0  | 226.7 | 230.6 | 234.1 | 235.2 | 235.2 | 235.2 | 234.1 | 230.6 | 226.7 | 224.0  |
| 155°   | 217.5  | 219.6 | 222.8 | 225.6 | 226.3 | 226.7 | 226.3 | 225.6 | 222.8 | 219.6 | 217.5  |
| 157.5° | 211.1  | 212.9 | 215.7 | 217.8 | 218.5 | 218.5 | 218.5 | 217.8 | 215.7 | 212.9 | 211.1  |
| 160°   | 205.2  | 206.5 | 209.0 | 211.1 | 211.1 | 210.8 | 211.1 | 211.1 | 209.0 | 206.5 | 205.2  |
| 162.5° | 199.8  | 200.9 | 202.3 | 204.0 | 204.0 | 203.7 | 204.0 | 204.0 | 202.3 | 200.9 | 199.8  |
| 165°   | 194.3  | 195.2 | 196.6 | 198.0 | 197.7 | 197.7 | 197.7 | 198.0 | 196.6 | 195.2 | 194.3  |
| 167.5° | 189.5  | 190.2 | 191.0 | 192.0 | 191.7 | 191.7 | 191.7 | 192.0 | 191.0 | 190.2 | 189.5  |
| 170°   | 185.3  | 185.7 | 186.0 | 186.7 | 186.4 | 186.4 | 186.4 | 186.7 | 186.0 | 185.7 | 185.3  |
| 172.5° | 181.6  | 181.8 | 181.8 | 182.5 | 181.8 | 181.4 | 181.8 | 182.5 | 181.8 | 181.8 | 181.6  |
| 175°   | 178.2  | 178.2 | 178.2 | 178.6 | 178.2 | 177.9 | 178.2 | 178.6 | 178.2 | 178.2 | 178.2  |
| 177.5° | 176.1  | 176.1 | 175.8 | 176.1 | 175.4 | 175.4 | 175.4 | 176.1 | 175.8 | 176.1 | 176.1  |
| 180°   | 174.7  | 174.7 | 174.7 | 174.7 | 174.7 | 174.7 | 174.7 | 174.7 | 174.7 | 174.7 | 174.7  |

TEST NUMBER: P1012486

CATALOG NUMBER: S123RDIP-B340D365UB40-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  | 330°  | 335°  | 337.5° | 340°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 0°     | 526.9 | 526.9 | 526.9 | 526.9 | 526.9 | 526.9 | 526.9 | 526.9 | 526.9 | 526.9  | 526.9 |
| 2.5°   | 498.5 | 500.3 | 498.5 | 494.9 | 498.5 | 500.7 | 503.0 | 506.6 | 508.4 | 508.4  | 511.1 |
| 5°     | 470.1 | 473.7 | 472.3 | 471.4 | 475.0 | 477.3 | 480.9 | 485.4 | 490.4 | 493.5  | 497.1 |
| 7.5°   | 444.8 | 447.0 | 449.3 | 449.3 | 452.9 | 457.9 | 463.3 | 468.7 | 475.0 | 479.5  | 482.2 |
| 10°    | 422.7 | 424.5 | 425.8 | 427.7 | 433.1 | 438.5 | 445.7 | 452.5 | 457.9 | 462.8  | 467.3 |
| 12.5°  | 401.5 | 404.2 | 407.4 | 408.7 | 412.8 | 419.5 | 426.3 | 434.4 | 443.0 | 448.0  | 452.5 |
| 15°    | 381.2 | 382.5 | 386.1 | 390.2 | 393.8 | 401.0 | 409.6 | 418.2 | 425.4 | 433.1  | 437.1 |
| 17.5°  | 360.4 | 360.9 | 370.4 | 368.1 | 379.8 | 386.6 | 391.1 | 399.2 | 411.0 | 417.3  | 423.6 |
| 20°    | 340.1 | 344.6 | 348.7 | 351.0 | 357.3 | 364.9 | 378.0 | 384.3 | 393.8 | 399.7  | 405.1 |
| 22.5°  | 324.3 | 331.1 | 331.1 | 336.5 | 339.7 | 346.9 | 356.4 | 368.6 | 378.9 | 383.0  | 390.7 |
| 25°    | 310.4 | 313.5 | 318.9 | 320.7 | 326.6 | 332.9 | 339.2 | 352.3 | 363.6 | 369.0  | 374.4 |
| 27.5°  | 292.3 | 296.4 | 303.6 | 303.6 | 311.3 | 318.0 | 325.7 | 334.3 | 345.5 | 353.2  | 359.1 |
| 30°    | 278.3 | 282.4 | 285.6 | 290.5 | 293.7 | 300.0 | 313.5 | 319.8 | 329.8 | 336.5  | 343.7 |
| 32.5°  | 265.3 | 268.4 | 271.1 | 276.5 | 280.1 | 287.4 | 294.6 | 305.9 | 314.4 | 320.7  | 328.4 |
| 35°    | 250.8 | 254.0 | 257.6 | 261.6 | 267.1 | 273.8 | 280.6 | 290.1 | 298.6 | 304.5  | 310.8 |
| 37.5°  | 237.3 | 239.5 | 245.0 | 247.7 | 252.2 | 258.5 | 267.1 | 277.0 | 284.7 | 289.2  | 295.5 |
| 40°    | 224.2 | 226.0 | 230.1 | 235.0 | 238.2 | 243.1 | 252.2 | 260.7 | 270.2 | 275.6  | 280.6 |
| 42.5°  | 210.2 | 212.5 | 216.1 | 221.0 | 226.0 | 231.4 | 236.4 | 246.3 | 254.9 | 259.4  | 264.8 |
| 45°    | 198.0 | 199.4 | 202.1 | 207.1 | 212.0 | 216.1 | 223.8 | 232.8 | 240.9 | 244.5  | 250.4 |
| 47.5°  | 183.6 | 185.0 | 189.0 | 191.3 | 196.7 | 202.1 | 209.8 | 218.8 | 226.0 | 229.6  | 235.0 |
| 50°    | 168.7 | 170.1 | 172.8 | 177.7 | 181.3 | 187.2 | 194.0 | 201.6 | 210.7 | 215.6  | 218.8 |
| 52.5°  | 154.3 | 157.0 | 159.2 | 163.3 | 167.8 | 173.7 | 180.0 | 187.2 | 194.9 | 199.8  | 203.5 |
| 55°    | 139.8 | 142.1 | 144.8 | 147.1 | 152.5 | 157.9 | 165.1 | 171.9 | 178.6 | 183.2  | 187.2 |
| 57.5°  | 123.6 | 126.8 | 129.5 | 134.0 | 138.0 | 142.6 | 150.7 | 156.1 | 164.2 | 167.4  | 171.0 |
| 60°    | 109.6 | 112.8 | 115.0 | 118.6 | 122.3 | 128.1 | 133.5 | 140.3 | 147.1 | 151.1  | 155.6 |
| 62.5°  | 97.9  | 99.2  | 100.6 | 104.2 | 107.8 | 113.2 | 118.6 | 125.4 | 132.6 | 134.9  | 138.5 |
| 65°    | 86.2  | 87.5  | 89.8  | 92.9  | 95.6  | 98.8  | 104.7 | 110.1 | 116.8 | 120.4  | 121.8 |
| 67.5°  | 76.2  | 77.6  | 78.0  | 80.3  | 82.6  | 86.2  | 89.3  | 94.7  | 101.0 | 103.3  | 106.0 |
| 70°    | 65.0  | 67.2  | 67.7  | 69.5  | 70.4  | 72.6  | 76.2  | 80.3  | 85.3  | 89.3   | 91.6  |
| 72.5°  | 51.9  | 55.0  | 55.9  | 58.6  | 60.0  | 62.3  | 65.0  | 68.1  | 71.3  | 73.1   | 74.9  |
| 75°    | 42.4  | 43.3  | 43.8  | 46.0  | 48.3  | 51.4  | 52.8  | 54.6  | 57.3  | 59.5   | 61.4  |
| 77.5°  | 35.2  | 35.6  | 36.1  | 36.1  | 36.5  | 38.3  | 41.1  | 43.3  | 45.1  | 46.0   | 47.4  |
| 80°    | 28.4  | 28.0  | 28.0  | 28.4  | 28.4  | 28.4  | 29.3  | 32.5  | 33.4  | 35.6   | 35.2  |
| 82.5°  | 22.1  | 21.2  | 21.7  | 21.2  | 21.2  | 21.2  | 21.2  | 21.7  | 21.7  | 23.0   | 23.9  |
| 85°    | 14.4  | 14.9  | 14.4  | 14.4  | 14.0  | 14.4  | 14.0  | 14.0  | 13.5  | 13.5   | 13.1  |
| 87.5°  | 7.7   | 8.1   | 7.7   | 7.7   | 7.2   | 7.7   | 7.2   | 7.2   | 6.8   | 6.8    | 5.9   |
| 90°    | 9.5   | 9.2   | 8.8   | 8.5   | 8.8   | 7.8   | 6.7   | 5.7   | 4.6   | 4.2    | 3.9   |
| 92.5°  | 23.7  | 27.2  | 35.0  | 49.2  | 65.8  | 72.8  | 54.5  | 35.7  | 24.4  | 21.2   | 18.0  |
| 95°    | 67.5  | 86.3  | 127.3 | 170.1 | 209.7 | 186.7 | 128.7 | 76.0  | 46.0  | 39.1   | 32.2  |
| 97.5°  | 174.0 | 220.7 | 292.4 | 333.5 | 322.5 | 240.8 | 143.2 | 82.0  | 52.3  | 44.7   | 37.1  |
| 100°   | 346.9 | 388.3 | 416.9 | 404.5 | 334.9 | 226.3 | 133.3 | 81.0  | 56.2  | 49.3   | 42.4  |
| 102.5° | 444.5 | 464.3 | 458.3 | 408.1 | 311.9 | 205.1 | 124.8 | 82.4  | 60.8  | 54.6   | 48.4  |
| 105°   | 501.8 | 495.1 | 459.7 | 385.8 | 284.3 | 188.5 | 121.6 | 85.2  | 66.1  | 60.6   | 55.2  |
| 107.5° | 521.6 | 494.0 | 438.5 | 354.0 | 259.9 | 176.5 | 120.9 | 89.8  | 72.8  | 67.7   | 62.6  |
| 110°   | 514.9 | 470.3 | 405.3 | 324.3 | 239.8 | 170.1 | 122.7 | 95.8  | 79.9  | 75.0   | 70.0  |

TEST NUMBER: P1012486

CATALOG NUMBER: S123RDIP-B340D365UB40-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  | 330°  | 335°  | 337.5° | 340°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 112.5° | 490.5 | 439.2 | 372.4 | 298.5 | 226.3 | 166.6 | 126.2 | 101.8 | 87.3  | 82.6   | 77.8  |
| 115°   | 457.6 | 405.6 | 344.1 | 278.7 | 217.5 | 166.2 | 130.1 | 108.6 | 95.1  | 90.4   | 85.6  |
| 117.5° | 424.3 | 376.6 | 322.2 | 265.6 | 211.5 | 166.6 | 135.1 | 115.6 | 102.2 | 97.8   | 93.4  |
| 120°   | 395.7 | 353.3 | 305.5 | 255.7 | 207.6 | 168.0 | 140.7 | 122.4 | 109.6 | 105.2  | 100.8 |
| 122.5° | 373.1 | 334.5 | 292.4 | 247.5 | 205.1 | 170.4 | 146.0 | 129.4 | 117.0 | 112.2  | 107.5 |
| 125°   | 353.6 | 319.7 | 281.1 | 240.8 | 203.0 | 172.9 | 151.7 | 136.1 | 123.8 | 119.0  | 114.2 |
| 127.5° | 337.0 | 305.9 | 270.9 | 234.5 | 201.9 | 175.8 | 156.3 | 142.2 | 130.1 | 125.4  | 120.6 |
| 130°   | 321.8 | 293.2 | 261.3 | 229.5 | 200.9 | 178.6 | 160.9 | 147.5 | 135.8 | 131.0  | 126.2 |
| 132.5° | 307.3 | 281.1 | 252.5 | 224.9 | 200.5 | 180.7 | 165.1 | 152.1 | 140.7 | 136.1  | 131.5 |
| 135°   | 292.8 | 269.8 | 244.7 | 221.0 | 200.2 | 182.8 | 168.7 | 156.7 | 145.7 | 140.9  | 136.1 |
| 137.5° | 279.0 | 258.5 | 237.3 | 217.5 | 199.4 | 184.2 | 171.5 | 159.8 | 149.2 | 144.8  | 140.4 |
| 140°   | 265.9 | 249.0 | 230.9 | 214.3 | 199.1 | 185.7 | 173.6 | 163.0 | 152.8 | 148.4  | 143.9 |
| 142.5° | 253.9 | 239.8 | 224.9 | 211.5 | 198.4 | 186.7 | 175.8 | 165.5 | 155.6 | 151.6  | 147.5 |
| 145°   | 243.3 | 232.0 | 220.3 | 209.0 | 197.7 | 187.1 | 177.2 | 167.6 | 158.4 | 154.4  | 150.3 |
| 147.5° | 235.5 | 226.0 | 216.4 | 206.5 | 196.6 | 187.1 | 178.2 | 169.4 | 160.9 | 157.4  | 153.8 |
| 150°   | 227.7 | 220.3 | 212.2 | 204.0 | 195.2 | 187.1 | 178.6 | 171.2 | 163.0 | 159.8  | 156.7 |
| 152.5° | 221.4 | 215.0 | 208.3 | 201.2 | 193.4 | 186.0 | 179.3 | 172.2 | 165.5 | 162.5  | 159.5 |
| 155°   | 215.4 | 210.1 | 204.4 | 198.4 | 191.3 | 185.3 | 179.3 | 173.6 | 167.6 | 165.1  | 162.7 |
| 157.5° | 209.3 | 205.1 | 200.2 | 195.2 | 189.5 | 184.2 | 179.6 | 174.3 | 169.4 | 167.4  | 165.5 |
| 160°   | 204.0 | 200.5 | 196.6 | 192.0 | 187.4 | 183.5 | 179.6 | 175.4 | 171.2 | 169.4  | 167.6 |
| 162.5° | 198.7 | 195.6 | 192.4 | 188.8 | 185.3 | 182.1 | 179.3 | 175.8 | 172.2 | 170.8  | 169.4 |
| 165°   | 193.4 | 191.0 | 188.8 | 186.0 | 183.2 | 180.7 | 178.6 | 176.1 | 173.3 | 172.0  | 170.8 |
| 167.5° | 188.8 | 187.4 | 185.7 | 183.2 | 181.1 | 179.3 | 178.2 | 176.1 | 174.0 | 173.1  | 172.2 |
| 170°   | 184.9 | 183.5 | 182.5 | 180.7 | 178.9 | 177.9 | 177.2 | 175.8 | 174.0 | 173.6  | 173.3 |
| 172.5° | 181.4 | 180.3 | 179.6 | 178.2 | 177.2 | 176.8 | 176.8 | 175.8 | 174.3 | 174.2  | 174.0 |
| 175°   | 178.2 | 177.5 | 177.2 | 176.5 | 175.8 | 175.8 | 176.1 | 175.4 | 174.7 | 174.5  | 174.3 |
| 177.5° | 176.1 | 175.8 | 175.4 | 175.0 | 174.7 | 175.0 | 175.8 | 175.0 | 174.7 | 174.7  | 174.7 |
| 180°   | 174.7 | 174.7 | 174.7 | 174.7 | 174.7 | 174.7 | 174.7 | 174.7 | 174.7 | 174.7  | 174.7 |

TEST NUMBER: P1012486

CATALOG NUMBER: S123RDIP-B340D365UB40-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|
| 0°     | 526.9 | 526.9 | 526.9 | 526.9 |
| 2.5°   | 513.4 | 516.5 | 522.8 | 528.2 |
| 5°     | 502.5 | 507.5 | 517.0 | 526.4 |
| 7.5°   | 489.5 | 497.1 | 509.3 | 522.4 |
| 10°    | 476.8 | 486.7 | 501.6 | 517.0 |
| 12.5°  | 464.2 | 474.6 | 490.4 | 510.2 |
| 15°    | 449.3 | 460.1 | 479.1 | 503.0 |
| 17.5°  | 436.2 | 450.7 | 467.8 | 491.7 |
| 20°    | 422.2 | 433.1 | 455.2 | 480.4 |
| 22.5°  | 404.6 | 422.7 | 443.4 | 470.1 |
| 25°    | 390.7 | 406.4 | 427.2 | 457.4 |
| 27.5°  | 373.5 | 392.0 | 417.3 | 443.9 |
| 30°    | 359.5 | 374.9 | 398.3 | 430.4 |
| 32.5°  | 343.3 | 361.3 | 385.7 | 417.3 |
| 35°    | 328.9 | 344.2 | 367.2 | 399.2 |
| 37.5°  | 311.7 | 328.4 | 354.1 | 382.5 |
| 40°    | 296.8 | 313.1 | 337.4 | 364.0 |
| 42.5°  | 278.8 | 295.9 | 320.3 | 342.8 |
| 45°    | 264.4 | 280.1 | 299.5 | 320.3 |
| 47.5°  | 246.8 | 263.4 | 282.4 | 296.8 |
| 50°    | 231.0 | 246.3 | 261.2 | 273.4 |
| 52.5°  | 213.8 | 227.8 | 241.3 | 250.4 |
| 55°    | 198.0 | 208.9 | 219.7 | 226.0 |
| 57.5°  | 179.5 | 189.9 | 198.9 | 202.5 |
| 60°    | 163.3 | 171.9 | 177.7 | 181.8 |
| 62.5°  | 146.2 | 152.5 | 157.0 | 159.2 |
| 65°    | 129.5 | 134.0 | 136.2 | 138.5 |
| 67.5°  | 112.3 | 116.4 | 117.7 | 120.4 |
| 70°    | 94.3  | 98.8  | 99.7  | 101.0 |
| 72.5°  | 80.7  | 80.7  | 82.6  | 84.4  |
| 75°    | 64.5  | 65.4  | 66.3  | 66.3  |
| 77.5°  | 50.5  | 50.5  | 51.4  | 51.9  |
| 80°    | 37.0  | 37.4  | 37.4  | 37.0  |
| 82.5°  | 25.3  | 26.2  | 25.3  | 24.8  |
| 85°    | 14.0  | 15.8  | 14.9  | 14.9  |
| 87.5°  | 5.9   | 5.9   | 6.8   | 5.9   |
| 90°    | 3.2   | 2.1   | 1.4   | 0.7   |
| 92.5°  | 14.5  | 11.3  | 7.8   | 5.3   |
| 95°    | 23.0  | 17.0  | 13.1  | 12.0  |
| 97.5°  | 27.9  | 22.6  | 19.4  | 19.1  |
| 100°   | 33.9  | 29.0  | 26.5  | 26.2  |
| 102.5° | 41.0  | 36.4  | 34.3  | 33.6  |
| 105°   | 48.4  | 44.2  | 42.1  | 41.0  |
| 107.5° | 56.2  | 52.0  | 49.9  | 48.8  |
| 110°   | 64.0  | 60.1  | 58.3  | 57.3  |

TEST NUMBER: P1012486

CATALOG NUMBER: S123RDIP-B340D365UB40-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|
| 112.5° | 71.8  | 67.9  | 66.1  | 65.1  |
| 115°   | 79.6  | 76.0  | 73.9  | 72.5  |
| 117.5° | 86.6  | 83.5  | 81.7  | 79.9  |
| 120°   | 94.1  | 90.5  | 88.8  | 87.7  |
| 122.5° | 101.1 | 97.2  | 95.5  | 94.4  |
| 125°   | 107.5 | 103.6 | 101.5 | 100.8 |
| 127.5° | 113.2 | 109.3 | 106.8 | 105.7 |
| 130°   | 118.8 | 114.6 | 111.4 | 110.3 |
| 132.5° | 124.1 | 118.8 | 115.3 | 113.9 |
| 135°   | 128.7 | 123.4 | 119.5 | 118.1 |
| 137.5° | 133.0 | 127.3 | 123.4 | 122.0 |
| 140°   | 136.9 | 131.2 | 127.7 | 125.9 |
| 142.5° | 140.4 | 135.4 | 131.5 | 130.1 |
| 145°   | 144.3 | 139.0 | 135.8 | 134.7 |
| 147.5° | 147.8 | 143.2 | 140.0 | 139.3 |
| 150°   | 151.7 | 147.1 | 144.3 | 143.9 |
| 152.5° | 155.2 | 151.4 | 148.5 | 148.5 |
| 155°   | 158.8 | 155.2 | 153.1 | 153.1 |
| 157.5° | 162.0 | 158.8 | 157.0 | 156.7 |
| 160°   | 165.1 | 162.3 | 160.9 | 160.9 |
| 162.5° | 167.3 | 165.1 | 164.1 | 164.1 |
| 165°   | 169.4 | 167.6 | 166.9 | 167.3 |
| 167.5° | 171.2 | 169.7 | 169.4 | 169.7 |
| 170°   | 172.6 | 171.5 | 171.2 | 171.9 |
| 172.5° | 173.6 | 172.9 | 172.9 | 173.3 |
| 175°   | 174.3 | 173.6 | 174.0 | 174.3 |
| 177.5° | 174.7 | 174.3 | 174.7 | 175.0 |
| 180°   | 174.7 | 174.7 | 174.7 | 174.7 |

(END OF REPORT)