

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: P1031637

Luminaire Tested: S123DIW-B340D460UB27-4F0-XX-W2A-A1

Issue Date: 5/7/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P1031637  
REPORT IS A COMBINATION OF REPORTS P991378 AND P1007351  
Test Lab: INNOVATION CENTER  
Issue Date: 5/7/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: S123DIW-B340D460UB27-4F0-XX-W2A-A1  
Description: Define 3 Direct/Indirect Wall Mount with 2700K BioUP LEDs {m-DER=0.473} {m-EER=0.52}  
Light Source: -  
Ballast/Driver: -

**Summary**

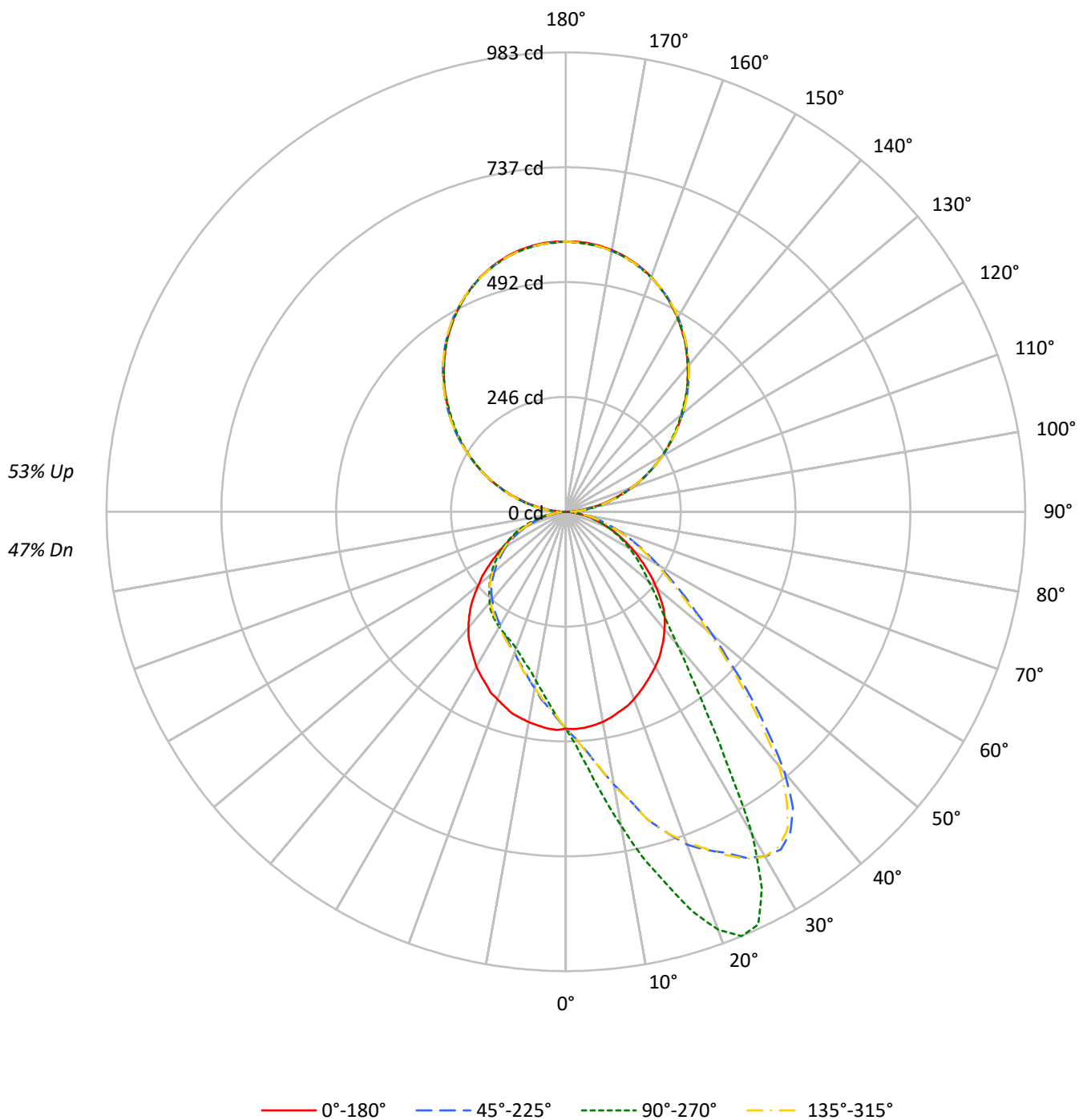
Lumens per Lamp: N/A  
Luminaire Lumens: 3004.0 lumens  
Efficiency: N/A  
Efficacy: 114.7 lumens/watt  
Spacing Criteria (0/90/45): 1.23 / 1.37 / 1.5  
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.1')  
CIE Type: General Diffuse

Input Watts (W): 26.2  
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: P1031637

CATALOG NUMBER: S123DIW-B340D460UB27-4F0-XX-W2A-A1

### Luminous Intensity Polar Plot



TEST NUMBER: P1031637

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

|     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| RF  | 20  |     |     |     | 20 |    |    |    |    | 20 |    |    |    |    | 20 |    |    |    |    | 20 |
| RC  | 80  |     |     |     | 70 |    |    |    |    | 50 |    |    |    |    | 30 |    |    |    |    | 0  |
| RW  | 70  | 50  | 30  | 10  | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 |
| RCR |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 0   | 106 | 106 | 106 | 106 | 98 | 98 | 98 | 98 | 81 | 81 | 81 | 67 | 67 | 67 | 53 | 53 | 53 | 47 | 47 | 47 |
| 1   | 97  | 93  | 89  | 86  | 89 | 86 | 82 | 80 | 72 | 70 | 67 | 59 | 57 | 56 | 47 | 46 | 45 | 40 | 40 | 40 |
| 2   | 89  | 82  | 76  | 71  | 81 | 75 | 70 | 66 | 63 | 59 | 56 | 52 | 49 | 47 | 42 | 40 | 39 | 34 | 34 | 34 |
| 3   | 81  | 72  | 65  | 59  | 74 | 66 | 60 | 55 | 56 | 51 | 47 | 46 | 43 | 40 | 37 | 35 | 33 | 29 | 29 | 29 |
| 4   | 74  | 64  | 56  | 50  | 68 | 59 | 52 | 47 | 50 | 45 | 41 | 41 | 38 | 35 | 33 | 31 | 29 | 25 | 25 | 25 |
| 5   | 68  | 57  | 49  | 43  | 62 | 53 | 46 | 40 | 45 | 39 | 35 | 37 | 33 | 30 | 30 | 27 | 25 | 22 | 22 | 22 |
| 6   | 63  | 51  | 43  | 37  | 58 | 47 | 40 | 35 | 40 | 35 | 31 | 34 | 29 | 26 | 27 | 24 | 22 | 19 | 19 | 19 |
| 7   | 58  | 46  | 38  | 33  | 53 | 43 | 36 | 31 | 36 | 31 | 27 | 31 | 26 | 23 | 25 | 22 | 20 | 17 | 17 | 17 |
| 8   | 54  | 42  | 34  | 29  | 49 | 39 | 32 | 27 | 33 | 28 | 24 | 28 | 24 | 21 | 23 | 20 | 18 | 15 | 15 | 15 |
| 9   | 50  | 38  | 31  | 26  | 46 | 35 | 29 | 24 | 30 | 25 | 21 | 26 | 22 | 19 | 21 | 18 | 16 | 14 | 14 | 14 |
| 10  | 47  | 35  | 28  | 23  | 43 | 33 | 26 | 22 | 28 | 23 | 19 | 24 | 20 | 17 | 20 | 17 | 14 | 12 | 12 | 12 |

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

|     | 0°   | 90°  | 180° | 270° |
|-----|------|------|------|------|
| 0°  | 4997 | 4997 | 4997 | 4997 |
| 5°  | 4999 | 5757 | 5014 | 4297 |
| 10° | 4968 | 6966 | 4973 | 3752 |
| 15° | 4899 | 8262 | 4939 | 3377 |
| 20° | 4840 | 9512 | 4850 | 3108 |
| 25° | 4752 | 9752 | 4763 | 2967 |
| 30° | 4690 | 8057 | 4690 | 2875 |
| 35° | 4612 | 5388 | 4583 | 2793 |
| 40° | 4520 | 3889 | 4463 | 2669 |
| 45° | 4402 | 3081 | 4276 | 2514 |
| 50° | 4117 | 2616 | 3971 | 2362 |
| 55° | 3807 | 2299 | 3651 | 2192 |
| 60° | 3489 | 2002 | 3304 | 2013 |
| 65° | 3143 | 1714 | 2990 | 1775 |
| 70° | 2783 | 1423 | 2597 | 1498 |
| 75° | 2377 | 1073 | 2225 | 1156 |
| 80° | 1878 | 717  | 1732 | 759  |
| 85° | 1297 | 328  | 1037 | 299  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 35°

Vertical Angle: 45°

Luminance: 8059 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 45.7   | 1.5       |
| 10°-20°   | 146.6  | 4.9       |
| 20°-30°   | 246.7  | 8.2       |
| 30°-40°   | 278.8  | 9.3       |
| 40°-50°   | 249.7  | 8.3       |
| 50°-60°   | 201.6  | 6.7       |
| 60°-70°   | 140.5  | 4.7       |
| 70°-80°   | 73.7   | 2.5       |
| 80°-90°   | 18.9   | 0.6       |
| 90°-100°  | 37.2   | 1.2       |
| 100°-110° | 112.6  | 3.7       |
| 110°-120° | 191.7  | 6.4       |
| 120°-130° | 252.3  | 8.4       |
| 130°-140° | 283.5  | 9.4       |
| 140°-150° | 278.8  | 9.3       |
| 150°-160° | 234.7  | 7.8       |
| 160°-170° | 156.2  | 5.2       |
| 170°-180° | 54.7   | 1.8       |
| 0°-30°    | 439.0  | 14.6      |
| 0°-40°    | 717.8  | 23.9      |
| 0°-60°    | 1169.1 | 38.9      |
| 0°-90°    | 1402.2 | 46.7      |
| 90°-120°  | 341.6  | 11.4      |
| 90°-150°  | 1156.2 | 38.5      |
| 90°-180°  | 1602.0 | 53.3      |
| 0°-180°   | 3004.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°  | 90° | 180° | 270° | 360° | Flux |
|------|-----|-----|------|------|------|------|
| 0°   | 464 | 464 | 464  | 464  | 464  |      |
| 5°   | 464 | 552 | 465  | 412  | 464  | 44   |
| 15°  | 443 | 821 | 446  | 336  | 443  | 125  |
| 25°  | 405 | 974 | 406  | 296  | 405  | 187  |
| 35°  | 357 | 525 | 355  | 272  | 357  | 224  |
| 45°  | 296 | 283 | 288  | 231  | 296  | 227  |
| 55°  | 210 | 192 | 202  | 184  | 210  | 188  |
| 65°  | 130 | 125 | 124  | 130  | 130  | 129  |
| 75°  | 62  | 64  | 58   | 69   | 62   | 67   |
| 85°  | 14  | 15  | 11   | 14   | 14   | 16   |
| 90°  | 0   | 14  | 0    | 14   | 0    | 3    |
| 95°  | 27  | 35  | 27   | 35   | 27   | 30   |
| 105° | 102 | 108 | 102  | 108  | 102  | 109  |
| 115° | 193 | 194 | 193  | 194  | 193  | 191  |
| 125° | 282 | 279 | 282  | 279  | 282  | 252  |
| 135° | 366 | 366 | 366  | 366  | 366  | 282  |
| 145° | 445 | 445 | 445  | 445  | 445  | 278  |
| 155° | 509 | 508 | 509  | 508  | 509  | 234  |
| 165° | 554 | 553 | 554  | 553  | 554  | 156  |
| 175° | 577 | 574 | 577  | 574  | 577  | 55   |
| 180° | 578 | 578 | 578  | 578  | 578  |      |

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**CANDELA DISTRIBUTION (FULL):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 22.5° | 25°   | 30°   | 35°   | 40°   | 45°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 464.2 | 464.2 | 464.2 | 464.2 | 464.2 | 464.2 | 464.2 | 464.2 | 464.2 | 464.2 | 464.2 |
| 2.5°   | 465.5 | 469.1 | 470.9 | 473.6 | 476.3 | 480.4 | 481.7 | 484.0 | 483.1 | 484.9 | 485.8 |
| 5°     | 463.7 | 470.0 | 475.4 | 482.2 | 488.5 | 493.0 | 497.5 | 504.7 | 510.1 | 511.0 | 515.0 |
| 7.5°   | 460.6 | 469.6 | 479.0 | 488.5 | 500.6 | 507.8 | 515.9 | 525.8 | 533.9 | 547.0 | 551.9 |
| 10°    | 456.5 | 469.1 | 482.6 | 495.7 | 512.3 | 523.6 | 533.5 | 550.1 | 566.7 | 580.2 | 592.8 |
| 12.5°  | 450.2 | 466.0 | 483.5 | 502.9 | 524.5 | 537.5 | 551.0 | 573.0 | 598.2 | 618.9 | 632.4 |
| 15°    | 442.6 | 462.4 | 484.9 | 505.6 | 529.4 | 553.7 | 568.1 | 592.8 | 628.8 | 648.2 | 682.8 |
| 17.5°  | 436.3 | 456.5 | 479.0 | 511.4 | 543.8 | 568.1 | 578.4 | 623.9 | 648.6 | 681.0 | 720.1 |
| 20°    | 426.4 | 452.0 | 480.8 | 513.2 | 555.0 | 569.9 | 591.0 | 636.9 | 667.5 | 709.8 | 757.9 |
| 22.5°  | 416.1 | 443.5 | 478.1 | 511.9 | 558.6 | 574.4 | 603.2 | 639.6 | 688.2 | 730.0 | 783.1 |
| 25°    | 404.8 | 434.5 | 469.6 | 509.6 | 555.5 | 578.4 | 605.4 | 650.4 | 703.0 | 755.7 | 804.7 |
| 27.5°  | 393.6 | 426.0 | 462.4 | 502.4 | 547.0 | 573.9 | 600.9 | 647.7 | 715.2 | 772.3 | 834.8 |
| 30°    | 382.8 | 415.2 | 451.6 | 492.5 | 539.3 | 565.4 | 591.0 | 649.5 | 724.6 | 788.9 | 851.9 |
| 32.5°  | 371.1 | 404.4 | 442.6 | 476.8 | 524.0 | 551.9 | 580.7 | 649.5 | 730.5 | 798.8 | 856.4 |
| 35°    | 357.1 | 391.3 | 424.2 | 458.3 | 505.1 | 536.2 | 568.5 | 645.0 | 735.9 | 802.0 | 837.5 |
| 37.5°  | 343.6 | 373.8 | 402.1 | 435.4 | 484.4 | 517.7 | 555.0 | 639.6 | 733.2 | 788.5 | 798.4 |
| 40°    | 328.4 | 358.5 | 381.4 | 412.5 | 464.2 | 502.9 | 540.7 | 632.4 | 721.5 | 756.6 | 727.8 |
| 42.5°  | 313.5 | 337.3 | 357.1 | 387.3 | 443.5 | 481.3 | 522.2 | 619.4 | 698.5 | 705.7 | 641.0 |
| 45°    | 296.4 | 313.5 | 331.1 | 365.2 | 421.0 | 459.7 | 505.1 | 600.5 | 661.7 | 641.0 | 559.1 |
| 47.5°  | 274.4 | 289.7 | 309.0 | 340.5 | 397.2 | 437.2 | 480.4 | 576.2 | 608.1 | 564.9 | 475.4 |
| 50°    | 253.2 | 266.3 | 284.3 | 314.9 | 372.0 | 411.1 | 457.0 | 538.0 | 553.7 | 485.8 | 409.8 |
| 52.5°  | 232.1 | 242.0 | 259.5 | 290.1 | 347.2 | 385.0 | 426.9 | 498.8 | 489.8 | 417.0 | 349.5 |
| 55°    | 210.1 | 218.6 | 235.2 | 265.4 | 318.5 | 354.4 | 394.5 | 450.7 | 427.3 | 358.0 | 304.1 |
| 57.5°  | 188.5 | 197.5 | 214.6 | 239.7 | 289.7 | 324.8 | 356.7 | 400.8 | 365.7 | 310.4 | 262.7 |
| 60°    | 169.1 | 176.8 | 189.8 | 214.6 | 260.0 | 288.3 | 317.6 | 347.7 | 318.5 | 264.9 | 228.5 |
| 62.5°  | 148.9 | 156.1 | 168.2 | 190.7 | 229.8 | 255.0 | 278.4 | 303.2 | 270.8 | 231.6 | 199.3 |
| 65°    | 130.0 | 135.8 | 147.1 | 167.8 | 199.7 | 220.4 | 239.3 | 256.4 | 230.3 | 194.3 | 170.0 |
| 67.5°  | 112.9 | 117.8 | 127.3 | 145.7 | 172.7 | 187.6 | 202.9 | 217.3 | 195.2 | 166.4 | 145.7 |
| 70°    | 94.5  | 98.5  | 107.1 | 120.5 | 142.1 | 157.4 | 168.7 | 179.5 | 159.7 | 136.7 | 122.8 |
| 72.5°  | 78.3  | 82.3  | 87.7  | 101.7 | 116.5 | 125.9 | 138.1 | 143.9 | 132.7 | 113.8 | 99.9  |
| 75°    | 62.5  | 65.7  | 70.6  | 79.6  | 93.6  | 99.9  | 107.5 | 112.0 | 101.7 | 89.1  | 80.5  |
| 77.5°  | 49.0  | 50.4  | 54.0  | 60.3  | 69.7  | 76.9  | 82.8  | 85.5  | 78.3  | 70.2  | 63.0  |
| 80°    | 34.6  | 36.4  | 39.1  | 44.5  | 51.7  | 54.0  | 57.6  | 60.7  | 56.2  | 49.0  | 44.5  |
| 82.5°  | 22.9  | 25.2  | 26.5  | 28.8  | 33.3  | 36.0  | 36.9  | 39.6  | 35.5  | 32.8  | 31.0  |
| 85°    | 13.5  | 14.4  | 14.8  | 16.2  | 18.4  | 19.8  | 21.1  | 21.6  | 20.7  | 20.2  | 18.4  |
| 87.5°  | 6.7   | 6.7   | 6.7   | 7.6   | 8.1   | 9.0   | 9.4   | 9.4   | 9.4   | 9.0   | 8.5   |
| 90°    | 0.5   | 1.5   | 2.5   | 3.5   | 4.5   | 5.0   | 5.7   | 7.0   | 8.3   | 9.6   | 10.9  |
| 92.5°  | 13.6  | 14.2  | 14.8  | 15.4  | 16.0  | 16.3  | 16.6  | 17.2  | 17.9  | 18.5  | 19.1  |
| 95°    | 26.8  | 27.5  | 28.2  | 28.9  | 29.6  | 30.0  | 30.4  | 31.2  | 32.0  | 32.8  | 33.6  |
| 97.5°  | 44.0  | 44.5  | 45.0  | 45.5  | 46.0  | 46.3  | 46.6  | 47.2  | 47.8  | 48.4  | 49.0  |
| 100°   | 61.8  | 62.4  | 63.0  | 63.6  | 64.2  | 64.5  | 64.8  | 65.3  | 65.8  | 66.3  | 66.8  |
| 102.5° | 82.2  | 82.5  | 82.8  | 83.1  | 83.4  | 83.6  | 83.9  | 84.6  | 85.3  | 86.0  | 86.7  |
| 105°   | 102.2 | 102.4 | 102.6 | 102.8 | 103.0 | 103.1 | 103.6 | 104.5 | 105.4 | 106.3 | 107.2 |
| 107.5° | 125.8 | 125.9 | 126.0 | 126.1 | 126.2 | 126.2 | 126.4 | 126.8 | 127.3 | 127.7 | 128.1 |
| 110°   | 147.6 | 147.8 | 148.0 | 148.2 | 148.4 | 148.5 | 148.6 | 148.8 | 149.0 | 149.2 | 149.4 |



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**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 22.5° | 25°   | 30°   | 35°   | 40°   | 45°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 170.3 | 170.4 | 170.5 | 170.6 | 170.7 | 170.7 | 170.7 | 170.7 | 170.7 | 170.7 | 170.7 |
| 115°   | 193.0 | 193.3 | 193.6 | 193.9 | 194.2 | 194.4 | 194.3 | 194.1 | 193.9 | 193.7 | 193.5 |
| 117.5° | 216.2 | 216.3 | 216.4 | 216.5 | 216.6 | 216.6 | 216.5 | 216.3 | 216.1 | 215.9 | 215.7 |
| 120°   | 237.5 | 238.1 | 238.7 | 239.3 | 239.9 | 240.2 | 240.0 | 239.5 | 239.0 | 238.5 | 238.0 |
| 122.5° | 259.8 | 260.2 | 260.6 | 261.0 | 261.4 | 261.6 | 261.5 | 261.3 | 261.1 | 260.9 | 260.7 |
| 125°   | 282.5 | 282.8 | 283.1 | 283.4 | 283.7 | 283.8 | 283.7 | 283.5 | 283.3 | 283.1 | 282.9 |
| 127.5° | 303.3 | 303.9 | 304.5 | 305.2 | 305.8 | 306.1 | 306.0 | 305.8 | 305.6 | 305.4 | 305.2 |
| 130°   | 324.2 | 325.0 | 325.8 | 326.7 | 327.5 | 327.9 | 327.7 | 327.4 | 327.1 | 326.8 | 326.5 |
| 132.5° | 345.1 | 345.9 | 346.7 | 347.6 | 348.4 | 348.8 | 348.7 | 348.5 | 348.3 | 348.1 | 347.9 |
| 135°   | 366.5 | 367.1 | 367.7 | 368.3 | 368.9 | 369.2 | 369.1 | 369.0 | 368.9 | 368.8 | 368.7 |
| 137.5° | 386.0 | 386.5 | 387.0 | 387.5 | 388.0 | 388.3 | 388.4 | 388.7 | 389.0 | 389.3 | 389.6 |
| 140°   | 406.4 | 406.9 | 407.4 | 407.9 | 408.4 | 408.7 | 408.8 | 408.9 | 409.0 | 409.1 | 409.2 |
| 142.5° | 425.1 | 425.6 | 426.1 | 426.6 | 427.1 | 427.3 | 427.4 | 427.6 | 427.8 | 428.0 | 428.2 |
| 145°   | 444.6 | 444.8 | 445.0 | 445.2 | 445.4 | 445.5 | 445.6 | 445.9 | 446.2 | 446.5 | 446.8 |
| 147.5° | 461.4 | 461.8 | 462.2 | 462.6 | 463.0 | 463.2 | 463.4 | 463.7 | 464.0 | 464.3 | 464.6 |
| 150°   | 479.1 | 479.3 | 479.5 | 479.7 | 479.9 | 480.0 | 480.1 | 480.3 | 480.5 | 480.7 | 480.9 |
| 152.5° | 493.6 | 493.9 | 494.2 | 494.5 | 494.8 | 495.0 | 495.0 | 495.1 | 495.2 | 495.3 | 495.4 |
| 155°   | 509.1 | 509.1 | 509.1 | 509.1 | 509.1 | 509.1 | 509.1 | 509.2 | 509.3 | 509.4 | 509.5 |
| 157.5° | 522.2 | 522.1 | 522.0 | 521.9 | 521.8 | 521.8 | 521.8 | 521.9 | 522.0 | 522.1 | 522.2 |
| 160°   | 534.5 | 534.3 | 534.1 | 533.9 | 533.7 | 533.6 | 533.6 | 533.6 | 533.6 | 533.6 | 533.6 |
| 162.5° | 545.4 | 545.1 | 544.8 | 544.5 | 544.2 | 544.0 | 544.1 | 544.2 | 544.3 | 544.4 | 544.5 |
| 165°   | 554.5 | 554.2 | 553.9 | 553.6 | 553.3 | 553.1 | 553.1 | 553.1 | 553.1 | 553.1 | 553.1 |
| 167.5° | 562.2 | 561.8 | 561.4 | 561.0 | 560.6 | 560.4 | 560.4 | 560.5 | 560.6 | 560.7 | 560.8 |
| 170°   | 568.6 | 568.2 | 567.8 | 567.3 | 566.9 | 566.7 | 566.7 | 566.7 | 566.7 | 566.7 | 566.7 |
| 172.5° | 573.5 | 573.1 | 572.7 | 572.3 | 571.9 | 571.7 | 571.7 | 571.7 | 571.7 | 571.7 | 571.7 |
| 175°   | 576.7 | 576.3 | 575.9 | 575.5 | 575.1 | 574.9 | 574.9 | 574.9 | 574.9 | 574.9 | 574.9 |
| 177.5° | 578.5 | 578.1 | 577.7 | 577.3 | 576.9 | 576.7 | 576.7 | 576.7 | 576.7 | 576.7 | 576.7 |
| 180°   | 578.1 | 578.1 | 578.1 | 578.1 | 578.1 | 578.1 | 578.1 | 578.1 | 578.1 | 578.1 | 578.1 |

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**CANDELA DISTRIBUTION (continued):**

|        | 50°   | 55°   | 60°   | 65°   | 67.5° | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 464.2 | 464.2 | 464.2 | 464.2 | 464.2 | 464.2 | 464.2 | 464.2 | 464.2 | 464.2 | 464.2 |
| 2.5°   | 488.9 | 489.8 | 493.0 | 495.2 | 499.7 | 499.3 | 499.3 | 498.8 | 497.5 | 499.7 | 501.1 |
| 5°     | 523.1 | 530.8 | 531.7 | 541.6 | 542.0 | 546.1 | 548.8 | 546.5 | 551.9 | 551.5 | 547.4 |
| 7.5°   | 565.4 | 575.7 | 580.7 | 590.1 | 600.9 | 598.2 | 608.6 | 610.4 | 609.5 | 614.0 | 617.1 |
| 10°    | 611.7 | 629.7 | 642.3 | 659.9 | 664.3 | 667.0 | 673.8 | 679.6 | 691.3 | 682.3 | 688.2 |
| 12.5°  | 664.8 | 677.8 | 694.5 | 722.4 | 736.3 | 745.3 | 748.5 | 752.5 | 760.6 | 755.7 | 756.1 |
| 15°    | 709.3 | 726.9 | 755.2 | 789.8 | 793.9 | 805.1 | 802.4 | 826.7 | 838.4 | 820.9 | 830.8 |
| 17.5°  | 755.7 | 779.0 | 812.8 | 842.9 | 860.0 | 867.7 | 874.9 | 898.2 | 897.3 | 894.6 | 896.9 |
| 20°    | 785.3 | 823.6 | 865.4 | 905.4 | 910.4 | 916.2 | 935.6 | 945.5 | 943.7 | 951.3 | 956.3 |
| 22.5°  | 827.2 | 867.7 | 912.2 | 938.7 | 950.0 | 956.7 | 972.0 | 978.3 | 981.0 | 982.8 | 979.7 |
| 25°    | 862.3 | 905.4 | 938.3 | 961.7 | 968.4 | 972.0 | 977.0 | 978.8 | 977.4 | 974.3 | 977.0 |
| 27.5°  | 886.1 | 920.7 | 943.2 | 954.0 | 950.4 | 944.6 | 935.1 | 928.8 | 914.9 | 908.1 | 916.2 |
| 30°    | 896.0 | 911.3 | 918.0 | 900.0 | 882.1 | 867.7 | 849.7 | 816.4 | 790.3 | 797.9 | 787.6 |
| 32.5°  | 880.3 | 870.4 | 838.0 | 791.6 | 777.7 | 754.3 | 703.5 | 664.3 | 665.7 | 645.0 | 653.6 |
| 35°    | 833.9 | 788.9 | 727.8 | 657.6 | 639.2 | 626.6 | 570.8 | 562.2 | 544.3 | 524.9 | 530.3 |
| 37.5°  | 752.1 | 686.4 | 612.2 | 560.4 | 533.0 | 505.6 | 474.1 | 455.2 | 444.4 | 436.3 | 442.6 |
| 40°    | 652.2 | 572.1 | 511.0 | 464.6 | 441.3 | 423.7 | 402.1 | 383.2 | 371.1 | 369.7 | 372.0 |
| 42.5°  | 554.1 | 486.7 | 430.5 | 386.4 | 378.7 | 358.0 | 344.1 | 329.3 | 325.7 | 319.8 | 323.0 |
| 45°    | 469.1 | 414.3 | 367.9 | 331.9 | 323.0 | 317.6 | 300.5 | 291.0 | 287.0 | 283.4 | 288.8 |
| 47.5°  | 407.5 | 349.9 | 316.2 | 294.6 | 285.6 | 276.6 | 267.2 | 260.9 | 257.7 | 258.2 | 257.7 |
| 50°    | 348.1 | 305.9 | 276.2 | 259.5 | 254.1 | 247.8 | 240.2 | 236.1 | 234.8 | 230.7 | 233.9 |
| 52.5°  | 299.6 | 269.0 | 248.3 | 232.5 | 228.5 | 224.0 | 217.7 | 215.5 | 212.3 | 211.4 | 211.4 |
| 55°    | 260.4 | 236.6 | 220.0 | 209.6 | 204.7 | 201.1 | 197.5 | 194.8 | 192.5 | 192.5 | 192.5 |
| 57.5°  | 229.8 | 209.2 | 197.0 | 188.0 | 186.2 | 182.6 | 178.6 | 178.6 | 175.4 | 175.0 | 176.3 |
| 60°    | 203.8 | 185.3 | 175.9 | 168.2 | 165.5 | 164.6 | 160.6 | 160.6 | 159.7 | 157.4 | 159.2 |
| 62.5°  | 177.2 | 163.7 | 155.6 | 149.8 | 147.1 | 147.1 | 143.9 | 141.7 | 141.7 | 142.1 | 141.2 |
| 65°    | 152.9 | 143.0 | 135.8 | 131.3 | 130.0 | 128.2 | 127.7 | 125.9 | 124.6 | 125.0 | 124.6 |
| 67.5°  | 131.3 | 123.7 | 118.7 | 115.1 | 112.9 | 112.0 | 110.6 | 110.6 | 109.8 | 110.2 | 108.0 |
| 70°    | 112.0 | 104.4 | 100.3 | 96.7  | 95.8  | 95.8  | 94.0  | 94.5  | 93.6  | 94.9  | 94.0  |
| 72.5°  | 92.2  | 86.4  | 83.2  | 81.9  | 81.0  | 80.5  | 79.6  | 78.7  | 78.3  | 79.2  | 78.7  |
| 75°    | 74.7  | 69.7  | 67.5  | 66.6  | 65.7  | 65.7  | 65.2  | 64.8  | 64.3  | 64.3  | 64.3  |
| 77.5°  | 58.0  | 54.9  | 52.2  | 53.1  | 51.7  | 52.2  | 50.8  | 50.8  | 51.3  | 50.8  | 50.8  |
| 80°    | 42.7  | 40.5  | 40.5  | 39.6  | 37.8  | 38.7  | 38.7  | 37.3  | 36.9  | 37.8  | 36.4  |
| 82.5°  | 28.3  | 27.9  | 27.0  | 26.5  | 25.6  | 26.1  | 25.6  | 25.2  | 24.7  | 25.6  | 24.7  |
| 85°    | 16.6  | 16.6  | 16.2  | 15.3  | 16.2  | 15.7  | 15.3  | 15.3  | 14.8  | 14.8  | 14.8  |
| 87.5°  | 8.5   | 7.6   | 7.6   | 7.2   | 7.6   | 6.7   | 7.2   | 6.7   | 6.3   | 6.7   | 6.3   |
| 90°    | 11.3  | 11.7  | 12.1  | 12.5  | 12.7  | 12.8  | 13.0  | 13.2  | 13.4  | 13.6  | 13.4  |
| 92.5°  | 19.4  | 19.7  | 20.0  | 20.3  | 20.4  | 20.3  | 20.1  | 19.9  | 19.7  | 19.5  | 19.7  |
| 95°    | 34.0  | 34.4  | 34.8  | 35.2  | 35.4  | 35.4  | 35.4  | 35.4  | 35.4  | 35.4  | 35.4  |
| 97.5°  | 49.5  | 50.0  | 50.5  | 51.0  | 51.3  | 51.3  | 51.2  | 51.1  | 51.0  | 50.9  | 51.0  |
| 100°   | 67.1  | 67.4  | 67.7  | 68.0  | 68.1  | 68.2  | 68.4  | 68.6  | 68.8  | 69.0  | 68.8  |
| 102.5° | 87.0  | 87.3  | 87.6  | 87.9  | 88.1  | 88.0  | 87.9  | 87.8  | 87.7  | 87.6  | 87.7  |
| 105°   | 107.2 | 107.2 | 107.2 | 107.2 | 107.2 | 107.3 | 107.5 | 107.7 | 107.9 | 108.1 | 107.9 |
| 107.5° | 128.4 | 128.7 | 129.0 | 129.3 | 129.4 | 129.4 | 129.3 | 129.2 | 129.1 | 129.0 | 129.1 |
| 110°   | 149.8 | 150.2 | 150.6 | 151.0 | 151.2 | 151.1 | 150.9 | 150.7 | 150.5 | 150.3 | 150.5 |

TEST NUMBER: P1031637

CATALOG NUMBER: S123DIW-B340D460UB27-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 50°   | 55°   | 60°   | 65°   | 67.5° | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 171.2 | 171.7 | 172.2 | 172.7 | 173.0 | 173.0 | 173.0 | 173.0 | 173.0 | 173.0 | 173.0 |
| 115°   | 193.6 | 193.7 | 193.8 | 193.9 | 193.9 | 193.9 | 193.8 | 193.7 | 193.6 | 193.5 | 193.6 |
| 117.5° | 215.7 | 215.7 | 215.7 | 215.7 | 215.7 | 215.5 | 215.2 | 214.9 | 214.6 | 214.3 | 214.6 |
| 120°   | 237.9 | 237.8 | 237.7 | 237.6 | 237.5 | 237.4 | 237.2 | 237.0 | 236.8 | 236.6 | 236.8 |
| 122.5° | 260.4 | 260.1 | 259.8 | 259.5 | 259.3 | 259.1 | 258.8 | 258.5 | 258.2 | 257.9 | 258.2 |
| 125°   | 282.5 | 282.1 | 281.7 | 281.3 | 281.1 | 280.9 | 280.5 | 280.1 | 279.7 | 279.3 | 279.7 |
| 127.5° | 304.6 | 304.0 | 303.3 | 302.7 | 302.4 | 302.2 | 301.8 | 301.4 | 301.0 | 300.6 | 301.0 |
| 130°   | 326.1 | 325.7 | 325.3 | 324.9 | 324.7 | 324.3 | 323.6 | 322.9 | 322.2 | 321.5 | 322.2 |
| 132.5° | 347.4 | 346.9 | 346.4 | 345.9 | 345.6 | 345.3 | 344.8 | 344.3 | 343.8 | 343.3 | 343.8 |
| 135°   | 368.3 | 367.9 | 367.5 | 367.1 | 366.9 | 366.8 | 366.6 | 366.4 | 366.2 | 366.0 | 366.2 |
| 137.5° | 389.1 | 388.6 | 388.1 | 387.6 | 387.4 | 387.2 | 386.9 | 386.6 | 386.3 | 386.0 | 386.3 |
| 140°   | 409.1 | 409.0 | 408.9 | 408.8 | 408.7 | 408.3 | 407.6 | 406.9 | 406.2 | 405.5 | 406.2 |
| 142.5° | 428.1 | 428.0 | 427.9 | 427.8 | 427.8 | 427.5 | 427.0 | 426.5 | 426.0 | 425.5 | 426.0 |
| 145°   | 446.7 | 446.6 | 446.5 | 446.4 | 446.4 | 446.2 | 445.8 | 445.4 | 445.0 | 444.6 | 445.0 |
| 147.5° | 464.6 | 464.6 | 464.6 | 464.6 | 464.6 | 464.3 | 463.7 | 463.0 | 462.4 | 461.8 | 462.4 |
| 150°   | 480.9 | 480.9 | 480.9 | 480.9 | 480.9 | 480.6 | 480.0 | 479.4 | 478.8 | 478.2 | 478.8 |
| 152.5° | 495.6 | 495.8 | 496.0 | 496.2 | 496.3 | 496.1 | 495.6 | 495.1 | 494.6 | 494.1 | 494.6 |
| 155°   | 509.9 | 510.3 | 510.7 | 511.1 | 511.3 | 511.0 | 510.3 | 509.6 | 508.9 | 508.2 | 508.9 |
| 157.5° | 522.6 | 523.0 | 523.4 | 523.8 | 524.0 | 523.7 | 523.1 | 522.5 | 521.9 | 521.3 | 521.9 |
| 160°   | 534.1 | 534.6 | 535.1 | 535.6 | 535.9 | 535.7 | 535.3 | 534.8 | 534.4 | 534.0 | 534.4 |
| 162.5° | 545.0 | 545.5 | 546.0 | 546.5 | 546.8 | 546.4 | 545.7 | 545.0 | 544.3 | 543.6 | 544.3 |
| 165°   | 553.7 | 554.3 | 554.9 | 555.5 | 555.8 | 555.5 | 554.8 | 554.1 | 553.4 | 552.7 | 553.4 |
| 167.5° | 561.4 | 562.0 | 562.7 | 563.3 | 563.6 | 563.3 | 562.7 | 562.0 | 561.4 | 560.8 | 561.4 |
| 170°   | 567.4 | 568.1 | 568.8 | 569.5 | 569.9 | 569.5 | 568.8 | 568.1 | 567.4 | 566.7 | 567.4 |
| 172.5° | 572.3 | 572.9 | 573.6 | 574.2 | 574.5 | 574.1 | 573.4 | 572.7 | 572.0 | 571.3 | 572.0 |
| 175°   | 575.5 | 576.1 | 576.7 | 577.3 | 577.6 | 577.3 | 576.6 | 575.9 | 575.2 | 574.5 | 575.2 |
| 177.5° | 577.3 | 577.9 | 578.6 | 579.2 | 579.5 | 579.1 | 578.4 | 577.7 | 577.0 | 576.3 | 577.0 |
| 180°   | 578.1 | 578.1 | 578.1 | 578.1 | 578.1 | 578.1 | 578.1 | 578.1 | 578.1 | 578.1 | 578.1 |

TEST NUMBER: P1031637

CATALOG NUMBER: S123DIW-B340D460UB27-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 100°  | 105°  | 110°  | 112.5° | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  |
|--------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 464.2 | 464.2 | 464.2 | 464.2  | 464.2 | 464.2 | 464.2 | 464.2 | 464.2 | 464.2 | 464.2 |
| 2.5°   | 497.5 | 498.8 | 495.2 | 494.3  | 494.3 | 496.1 | 494.8 | 482.6 | 484.9 | 482.2 | 481.3 |
| 5°     | 552.4 | 549.7 | 546.1 | 544.3  | 542.0 | 535.7 | 535.3 | 521.3 | 518.6 | 509.6 | 505.6 |
| 7.5°   | 612.6 | 610.4 | 599.6 | 598.2  | 597.3 | 591.5 | 576.6 | 561.8 | 551.0 | 540.7 | 530.8 |
| 10°    | 681.4 | 674.7 | 669.7 | 659.9  | 654.9 | 646.8 | 627.5 | 613.5 | 595.1 | 579.3 | 558.6 |
| 12.5°  | 764.2 | 756.6 | 739.9 | 732.7  | 726.4 | 703.9 | 684.6 | 668.8 | 632.9 | 622.1 | 596.4 |
| 15°    | 824.9 | 808.7 | 806.9 | 791.2  | 790.3 | 765.6 | 728.7 | 711.6 | 683.7 | 644.1 | 617.6 |
| 17.5°  | 890.6 | 876.2 | 865.0 | 846.1  | 843.4 | 820.0 | 793.0 | 751.2 | 720.6 | 682.8 | 649.1 |
| 20°    | 938.7 | 931.1 | 911.7 | 904.1  | 888.3 | 868.6 | 840.7 | 788.9 | 751.6 | 713.8 | 672.4 |
| 22.5°  | 977.0 | 969.3 | 954.0 | 943.7  | 934.7 | 909.0 | 875.8 | 831.7 | 780.4 | 730.9 | 688.2 |
| 25°    | 976.5 | 974.3 | 968.0 | 963.0  | 956.3 | 937.4 | 909.5 | 867.2 | 810.1 | 755.7 | 696.3 |
| 27.5°  | 921.2 | 927.5 | 938.3 | 943.7  | 942.3 | 939.6 | 923.9 | 888.3 | 837.1 | 772.3 | 705.7 |
| 30°    | 806.0 | 829.0 | 849.2 | 876.2  | 884.3 | 904.1 | 913.1 | 892.8 | 851.9 | 791.6 | 717.9 |
| 32.5°  | 668.4 | 701.7 | 745.8 | 760.6  | 786.2 | 824.5 | 867.2 | 874.9 | 849.2 | 802.9 | 725.5 |
| 35°    | 548.3 | 575.7 | 609.9 | 633.3  | 656.3 | 718.3 | 772.3 | 819.1 | 827.6 | 797.0 | 723.7 |
| 37.5°  | 453.8 | 473.2 | 503.3 | 523.1  | 544.3 | 597.3 | 672.9 | 733.6 | 776.3 | 777.2 | 718.8 |
| 40°    | 385.5 | 394.0 | 420.1 | 434.5  | 454.7 | 500.6 | 568.1 | 647.3 | 709.8 | 738.6 | 705.7 |
| 42.5°  | 326.6 | 337.8 | 359.4 | 370.2  | 383.2 | 423.3 | 467.8 | 542.9 | 620.3 | 681.9 | 681.4 |
| 45°    | 291.5 | 299.6 | 309.5 | 318.5  | 333.3 | 357.1 | 408.0 | 464.2 | 538.4 | 608.1 | 635.6 |
| 47.5°  | 260.4 | 268.1 | 278.0 | 280.7  | 290.6 | 313.1 | 344.1 | 393.1 | 462.4 | 531.7 | 583.4 |
| 50°    | 234.3 | 240.6 | 247.4 | 252.3  | 256.8 | 275.3 | 298.7 | 340.0 | 395.4 | 462.4 | 526.7 |
| 52.5°  | 214.1 | 218.6 | 224.4 | 227.1  | 231.2 | 244.7 | 262.7 | 293.3 | 338.7 | 399.9 | 462.4 |
| 55°    | 195.2 | 198.4 | 202.0 | 206.5  | 208.3 | 218.2 | 232.1 | 258.2 | 291.9 | 346.8 | 406.2 |
| 57.5°  | 177.7 | 179.0 | 181.3 | 184.0  | 186.2 | 194.8 | 206.9 | 224.4 | 254.1 | 296.4 | 352.6 |
| 60°    | 157.9 | 161.5 | 162.8 | 165.5  | 166.9 | 173.6 | 183.1 | 197.9 | 220.9 | 257.3 | 299.6 |
| 62.5°  | 141.2 | 143.5 | 145.7 | 147.1  | 150.2 | 152.5 | 160.1 | 173.6 | 192.5 | 219.5 | 257.7 |
| 65°    | 126.4 | 127.3 | 128.6 | 130.0  | 130.9 | 133.6 | 140.8 | 149.8 | 164.2 | 188.0 | 217.7 |
| 67.5°  | 109.3 | 110.2 | 112.0 | 112.4  | 113.3 | 116.9 | 121.0 | 128.6 | 140.8 | 158.8 | 183.1 |
| 70°    | 92.7  | 94.0  | 94.9  | 95.8   | 97.2  | 98.5  | 103.0 | 109.3 | 118.7 | 131.3 | 150.2 |
| 72.5°  | 78.3  | 79.6  | 79.6  | 80.5   | 80.1  | 81.9  | 86.4  | 90.9  | 97.2  | 107.5 | 124.1 |
| 75°    | 63.9  | 63.9  | 64.8  | 65.2   | 65.7  | 67.5  | 69.3  | 72.9  | 77.8  | 85.9  | 96.3  |
| 77.5°  | 50.4  | 49.9  | 50.8  | 50.8   | 50.8  | 52.2  | 54.0  | 55.8  | 58.9  | 64.8  | 72.9  |
| 80°    | 36.9  | 36.9  | 37.8  | 38.2   | 37.3  | 37.8  | 38.7  | 40.5  | 42.7  | 46.8  | 51.3  |
| 82.5°  | 24.3  | 26.1  | 25.6  | 26.1   | 25.6  | 26.5  | 27.0  | 27.4  | 28.3  | 30.1  | 33.3  |
| 85°    | 14.8  | 14.8  | 14.8  | 15.3   | 14.8  | 15.3  | 15.3  | 15.3  | 15.7  | 16.6  | 18.0  |
| 87.5°  | 6.3   | 6.3   | 6.3   | 6.7    | 6.3   | 6.3   | 6.7   | 6.3   | 6.7   | 6.7   | 7.2   |
| 90°    | 13.2  | 13.0  | 12.8  | 12.7   | 12.5  | 12.1  | 11.7  | 11.3  | 10.9  | 9.6   | 8.3   |
| 92.5°  | 19.9  | 20.1  | 20.3  | 20.4   | 20.3  | 20.0  | 19.7  | 19.4  | 19.1  | 18.5  | 17.9  |
| 95°    | 35.4  | 35.4  | 35.4  | 35.4   | 35.2  | 34.8  | 34.4  | 34.0  | 33.6  | 32.8  | 32.0  |
| 97.5°  | 51.1  | 51.2  | 51.3  | 51.3   | 51.0  | 50.5  | 50.0  | 49.5  | 49.0  | 48.4  | 47.8  |
| 100°   | 68.6  | 68.4  | 68.2  | 68.1   | 68.0  | 67.7  | 67.4  | 67.1  | 66.8  | 66.3  | 65.8  |
| 102.5° | 87.8  | 87.9  | 88.0  | 88.1   | 87.9  | 87.6  | 87.3  | 87.0  | 86.7  | 86.0  | 85.3  |
| 105°   | 107.7 | 107.5 | 107.3 | 107.2  | 107.2 | 107.2 | 107.2 | 107.2 | 107.2 | 106.3 | 105.4 |
| 107.5° | 129.2 | 129.3 | 129.4 | 129.4  | 129.3 | 129.0 | 128.7 | 128.4 | 128.1 | 127.7 | 127.3 |
| 110°   | 150.7 | 150.9 | 151.1 | 151.2  | 151.0 | 150.6 | 150.2 | 149.8 | 149.4 | 149.2 | 149.0 |

TEST NUMBER: P1031637

CATALOG NUMBER: S123DIW-B340D460UB27-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 100°  | 105°  | 110°  | 112.5° | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  |
|--------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 173.0 | 173.0 | 173.0 | 173.0  | 172.7 | 172.2 | 171.7 | 171.2 | 170.7 | 170.7 | 170.7 |
| 115°   | 193.7 | 193.8 | 193.9 | 193.9  | 193.9 | 193.8 | 193.7 | 193.6 | 193.5 | 193.7 | 193.9 |
| 117.5° | 214.9 | 215.2 | 215.5 | 215.7  | 215.7 | 215.7 | 215.7 | 215.7 | 215.7 | 215.9 | 216.1 |
| 120°   | 237.0 | 237.2 | 237.4 | 237.5  | 237.6 | 237.7 | 237.8 | 237.9 | 238.0 | 238.5 | 239.0 |
| 122.5° | 258.5 | 258.8 | 259.1 | 259.3  | 259.5 | 259.8 | 260.1 | 260.4 | 260.7 | 260.9 | 261.1 |
| 125°   | 280.1 | 280.5 | 280.9 | 281.1  | 281.3 | 281.7 | 282.1 | 282.5 | 282.9 | 283.1 | 283.3 |
| 127.5° | 301.4 | 301.8 | 302.2 | 302.4  | 302.7 | 303.3 | 304.0 | 304.6 | 305.2 | 305.4 | 305.6 |
| 130°   | 322.9 | 323.6 | 324.3 | 324.7  | 324.9 | 325.3 | 325.7 | 326.1 | 326.5 | 326.8 | 327.1 |
| 132.5° | 344.3 | 344.8 | 345.3 | 345.6  | 345.9 | 346.4 | 346.9 | 347.4 | 347.9 | 348.1 | 348.3 |
| 135°   | 366.4 | 366.6 | 366.8 | 366.9  | 367.1 | 367.5 | 367.9 | 368.3 | 368.7 | 368.8 | 368.9 |
| 137.5° | 386.6 | 386.9 | 387.2 | 387.4  | 387.6 | 388.1 | 388.6 | 389.1 | 389.6 | 389.3 | 389.0 |
| 140°   | 406.9 | 407.6 | 408.3 | 408.7  | 408.8 | 408.9 | 409.0 | 409.1 | 409.2 | 409.1 | 409.0 |
| 142.5° | 426.5 | 427.0 | 427.5 | 427.8  | 427.8 | 427.9 | 428.0 | 428.1 | 428.2 | 428.0 | 427.8 |
| 145°   | 445.4 | 445.8 | 446.2 | 446.4  | 446.4 | 446.5 | 446.6 | 446.7 | 446.8 | 446.5 | 446.2 |
| 147.5° | 463.0 | 463.7 | 464.3 | 464.6  | 464.6 | 464.6 | 464.6 | 464.6 | 464.6 | 464.3 | 464.0 |
| 150°   | 479.4 | 480.0 | 480.6 | 480.9  | 480.9 | 480.9 | 480.9 | 480.9 | 480.9 | 480.7 | 480.5 |
| 152.5° | 495.1 | 495.6 | 496.1 | 496.3  | 496.2 | 496.0 | 495.8 | 495.6 | 495.4 | 495.3 | 495.2 |
| 155°   | 509.6 | 510.3 | 511.0 | 511.3  | 511.1 | 510.7 | 510.3 | 509.9 | 509.5 | 509.4 | 509.3 |
| 157.5° | 522.5 | 523.1 | 523.7 | 524.0  | 523.8 | 523.4 | 523.0 | 522.6 | 522.2 | 522.1 | 522.0 |
| 160°   | 534.8 | 535.3 | 535.7 | 535.9  | 535.6 | 535.1 | 534.6 | 534.1 | 533.6 | 533.6 | 533.6 |
| 162.5° | 545.0 | 545.7 | 546.4 | 546.8  | 546.5 | 546.0 | 545.5 | 545.0 | 544.5 | 544.4 | 544.3 |
| 165°   | 554.1 | 554.8 | 555.5 | 555.8  | 555.5 | 554.9 | 554.3 | 553.7 | 553.1 | 553.1 | 553.1 |
| 167.5° | 562.0 | 562.7 | 563.3 | 563.6  | 563.3 | 562.7 | 562.0 | 561.4 | 560.8 | 560.7 | 560.6 |
| 170°   | 568.1 | 568.8 | 569.5 | 569.9  | 569.5 | 568.8 | 568.1 | 567.4 | 566.7 | 566.7 | 566.7 |
| 172.5° | 572.7 | 573.4 | 574.1 | 574.5  | 574.2 | 573.6 | 572.9 | 572.3 | 571.7 | 571.7 | 571.7 |
| 175°   | 575.9 | 576.6 | 577.3 | 577.6  | 577.3 | 576.7 | 576.1 | 575.5 | 574.9 | 574.9 | 574.9 |
| 177.5° | 577.7 | 578.4 | 579.1 | 579.5  | 579.2 | 578.6 | 577.9 | 577.3 | 576.7 | 576.7 | 576.7 |
| 180°   | 578.1 | 578.1 | 578.1 | 578.1  | 578.1 | 578.1 | 578.1 | 578.1 | 578.1 | 578.1 | 578.1 |

TEST NUMBER: P1031637

CATALOG NUMBER: S123DIW-B340D460UB27-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 150°  | 155°  | 157.5° | 160°  | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  |
|--------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 464.2 | 464.2 | 464.2  | 464.2 | 464.2 | 464.2 | 464.2 | 464.2 | 464.2 | 464.2 | 464.2 |
| 2.5°   | 476.8 | 475.4 | 475.4  | 474.5 | 471.8 | 466.9 | 466.4 | 467.3 | 464.6 | 461.9 | 457.9 |
| 5°     | 500.2 | 491.6 | 488.9  | 486.2 | 480.8 | 471.8 | 468.2 | 465.1 | 460.1 | 454.3 | 448.0 |
| 7.5°   | 520.0 | 507.8 | 504.2  | 499.3 | 488.5 | 475.9 | 467.8 | 461.0 | 454.3 | 446.2 | 438.6 |
| 10°    | 544.7 | 527.2 | 518.6  | 511.4 | 496.6 | 479.0 | 466.9 | 457.0 | 446.2 | 436.3 | 426.4 |
| 12.5°  | 572.6 | 544.3 | 541.6  | 524.0 | 506.9 | 480.8 | 466.0 | 451.6 | 437.2 | 425.1 | 414.7 |
| 15°    | 596.0 | 564.9 | 553.7  | 542.0 | 509.2 | 476.8 | 462.4 | 446.2 | 429.6 | 416.5 | 401.2 |
| 17.5°  | 610.8 | 585.2 | 561.3  | 545.6 | 511.4 | 482.6 | 454.7 | 436.3 | 418.8 | 400.8 | 388.2 |
| 20°    | 628.8 | 591.5 | 570.8  | 549.7 | 515.9 | 478.1 | 450.2 | 427.3 | 405.7 | 389.5 | 374.2 |
| 22.5°  | 646.8 | 596.4 | 579.3  | 556.4 | 516.8 | 473.6 | 442.1 | 419.2 | 394.5 | 378.3 | 361.6 |
| 25°    | 645.0 | 603.6 | 575.3  | 555.9 | 507.8 | 469.6 | 432.7 | 405.7 | 382.8 | 362.1 | 345.4 |
| 27.5°  | 646.4 | 595.5 | 566.7  | 544.3 | 501.5 | 463.7 | 422.8 | 394.5 | 370.6 | 349.0 | 331.5 |
| 30°    | 646.8 | 583.4 | 558.2  | 531.2 | 489.8 | 449.8 | 411.6 | 382.8 | 357.6 | 334.2 | 318.5 |
| 32.5°  | 645.5 | 573.5 | 542.0  | 517.7 | 471.4 | 436.3 | 398.5 | 367.9 | 342.3 | 320.7 | 305.9 |
| 35°    | 642.3 | 561.8 | 525.4  | 494.8 | 452.5 | 417.0 | 386.4 | 354.9 | 327.5 | 307.7 | 290.6 |
| 37.5°  | 633.8 | 549.2 | 507.8  | 477.7 | 430.5 | 394.5 | 367.5 | 341.4 | 314.9 | 291.5 | 277.1 |
| 40°    | 627.5 | 532.1 | 490.3  | 457.4 | 406.6 | 371.5 | 349.0 | 324.3 | 298.2 | 277.1 | 263.1 |
| 42.5°  | 613.1 | 515.9 | 472.3  | 433.2 | 383.2 | 347.2 | 326.1 | 306.3 | 283.8 | 263.1 | 250.5 |
| 45°    | 589.7 | 498.4 | 450.2  | 410.7 | 357.6 | 323.4 | 304.1 | 287.9 | 268.1 | 248.3 | 235.7 |
| 47.5°  | 556.8 | 473.2 | 426.9  | 387.3 | 332.4 | 297.8 | 278.4 | 266.3 | 250.5 | 233.9 | 223.1 |
| 50°    | 521.3 | 445.7 | 403.0  | 363.9 | 308.1 | 274.4 | 255.5 | 244.2 | 233.9 | 218.6 | 208.3 |
| 52.5°  | 475.0 | 416.5 | 375.6  | 338.2 | 282.0 | 249.6 | 233.0 | 224.9 | 214.1 | 203.3 | 194.3 |
| 55°    | 430.0 | 378.7 | 345.0  | 309.5 | 256.4 | 226.2 | 210.1 | 201.5 | 195.2 | 186.2 | 179.0 |
| 57.5°  | 377.8 | 343.6 | 312.6  | 280.2 | 232.5 | 205.1 | 189.8 | 179.5 | 175.4 | 171.4 | 164.6 |
| 60°    | 329.7 | 303.6 | 278.4  | 251.4 | 207.8 | 183.1 | 168.2 | 160.1 | 156.1 | 153.4 | 148.9 |
| 62.5°  | 285.6 | 265.4 | 243.8  | 222.2 | 182.6 | 160.1 | 148.9 | 140.8 | 137.2 | 136.7 | 132.7 |
| 65°    | 243.3 | 228.9 | 211.4  | 190.3 | 159.2 | 139.4 | 128.6 | 123.7 | 119.6 | 119.6 | 116.5 |
| 67.5°  | 201.1 | 191.2 | 177.2  | 162.4 | 138.1 | 119.6 | 109.8 | 105.3 | 103.0 | 103.0 | 100.8 |
| 70°    | 167.3 | 160.6 | 148.0  | 134.9 | 113.8 | 99.9  | 92.2  | 88.2  | 86.8  | 87.3  | 85.5  |
| 72.5°  | 135.8 | 128.6 | 118.3  | 108.9 | 93.1  | 82.8  | 77.4  | 72.9  | 70.6  | 71.1  | 70.6  |
| 75°    | 105.3 | 101.7 | 92.7   | 85.5  | 72.9  | 65.7  | 60.7  | 58.5  | 56.7  | 57.1  | 56.2  |
| 77.5°  | 79.2  | 73.8  | 68.8   | 63.9  | 56.2  | 50.4  | 46.3  | 44.1  | 42.7  | 42.7  | 42.7  |
| 80°    | 54.0  | 53.1  | 49.0   | 46.3  | 40.0  | 35.5  | 32.4  | 31.9  | 30.6  | 30.6  | 30.6  |
| 82.5°  | 35.1  | 32.8  | 30.6   | 28.8  | 25.2  | 22.5  | 21.1  | 20.2  | 19.8  | 19.3  | 20.2  |
| 85°    | 19.3  | 18.0  | 17.1   | 15.3  | 13.9  | 12.6  | 11.2  | 10.8  | 10.3  | 10.8  | 10.3  |
| 87.5°  | 7.6   | 6.3   | 6.3    | 5.8   | 5.4   | 4.9   | 4.9   | 4.0   | 4.0   | 3.6   | 3.6   |
| 90°    | 7.0   | 5.7   | 5.0    | 4.5   | 3.5   | 2.5   | 1.5   | 0.5   | 1.5   | 2.5   | 3.5   |
| 92.5°  | 17.2  | 16.6  | 16.3   | 16.0  | 15.4  | 14.8  | 14.2  | 13.6  | 14.2  | 14.8  | 15.4  |
| 95°    | 31.2  | 30.4  | 30.0   | 29.6  | 28.9  | 28.2  | 27.5  | 26.8  | 27.5  | 28.2  | 28.9  |
| 97.5°  | 47.2  | 46.6  | 46.3   | 46.0  | 45.5  | 45.0  | 44.5  | 44.0  | 44.5  | 45.0  | 45.5  |
| 100°   | 65.3  | 64.8  | 64.5   | 64.2  | 63.6  | 63.0  | 62.4  | 61.8  | 62.4  | 63.0  | 63.6  |
| 102.5° | 84.6  | 83.9  | 83.6   | 83.4  | 83.1  | 82.8  | 82.5  | 82.2  | 82.5  | 82.8  | 83.1  |
| 105°   | 104.5 | 103.6 | 103.1  | 103.0 | 102.8 | 102.6 | 102.4 | 102.2 | 102.4 | 102.6 | 102.8 |
| 107.5° | 126.8 | 126.4 | 126.2  | 126.2 | 126.1 | 126.0 | 125.9 | 125.8 | 125.9 | 126.0 | 126.1 |
| 110°   | 148.8 | 148.6 | 148.5  | 148.4 | 148.2 | 148.0 | 147.8 | 147.6 | 147.8 | 148.0 | 148.2 |

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**CANDELA DISTRIBUTION (continued):**

|        | 150°  | 155°  | 157.5° | 160°  | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  |
|--------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 170.7 | 170.7 | 170.7  | 170.7 | 170.6 | 170.5 | 170.4 | 170.3 | 170.4 | 170.5 | 170.6 |
| 115°   | 194.1 | 194.3 | 194.4  | 194.2 | 193.9 | 193.6 | 193.3 | 193.0 | 193.3 | 193.6 | 193.9 |
| 117.5° | 216.3 | 216.5 | 216.6  | 216.6 | 216.5 | 216.4 | 216.3 | 216.2 | 216.3 | 216.4 | 216.5 |
| 120°   | 239.5 | 240.0 | 240.2  | 239.9 | 239.3 | 238.7 | 238.1 | 237.5 | 238.1 | 238.7 | 239.3 |
| 122.5° | 261.3 | 261.5 | 261.6  | 261.4 | 261.0 | 260.6 | 260.2 | 259.8 | 260.2 | 260.6 | 261.0 |
| 125°   | 283.5 | 283.7 | 283.8  | 283.7 | 283.4 | 283.1 | 282.8 | 282.5 | 282.8 | 283.1 | 283.4 |
| 127.5° | 305.8 | 306.0 | 306.1  | 305.8 | 305.2 | 304.5 | 303.9 | 303.3 | 303.9 | 304.5 | 305.2 |
| 130°   | 327.4 | 327.7 | 327.9  | 327.5 | 326.7 | 325.8 | 325.0 | 324.2 | 325.0 | 325.8 | 326.7 |
| 132.5° | 348.5 | 348.7 | 348.8  | 348.4 | 347.6 | 346.7 | 345.9 | 345.1 | 345.9 | 346.7 | 347.6 |
| 135°   | 369.0 | 369.1 | 369.2  | 368.9 | 368.3 | 367.7 | 367.1 | 366.5 | 367.1 | 367.7 | 368.3 |
| 137.5° | 388.7 | 388.4 | 388.3  | 388.0 | 387.5 | 387.0 | 386.5 | 386.0 | 386.5 | 387.0 | 387.5 |
| 140°   | 408.9 | 408.8 | 408.7  | 408.4 | 407.9 | 407.4 | 406.9 | 406.4 | 406.9 | 407.4 | 407.9 |
| 142.5° | 427.6 | 427.4 | 427.3  | 427.1 | 426.6 | 426.1 | 425.6 | 425.1 | 425.6 | 426.1 | 426.6 |
| 145°   | 445.9 | 445.6 | 445.5  | 445.4 | 445.2 | 445.0 | 444.8 | 444.6 | 444.8 | 445.0 | 445.2 |
| 147.5° | 463.7 | 463.4 | 463.2  | 463.0 | 462.6 | 462.2 | 461.8 | 461.4 | 461.8 | 462.2 | 462.6 |
| 150°   | 480.3 | 480.1 | 480.0  | 479.9 | 479.7 | 479.5 | 479.3 | 479.1 | 479.3 | 479.5 | 479.7 |
| 152.5° | 495.1 | 495.0 | 495.0  | 494.8 | 494.5 | 494.2 | 493.9 | 493.6 | 493.9 | 494.2 | 494.5 |
| 155°   | 509.2 | 509.1 | 509.1  | 509.1 | 509.1 | 509.1 | 509.1 | 509.1 | 509.1 | 509.1 | 509.1 |
| 157.5° | 521.9 | 521.8 | 521.8  | 521.8 | 521.9 | 522.0 | 522.1 | 522.2 | 522.1 | 522.0 | 521.9 |
| 160°   | 533.6 | 533.6 | 533.6  | 533.7 | 533.9 | 534.1 | 534.3 | 534.5 | 534.3 | 534.1 | 533.9 |
| 162.5° | 544.2 | 544.1 | 544.0  | 544.2 | 544.5 | 544.8 | 545.1 | 545.4 | 545.1 | 544.8 | 544.5 |
| 165°   | 553.1 | 553.1 | 553.1  | 553.3 | 553.6 | 553.9 | 554.2 | 554.5 | 554.2 | 553.9 | 553.6 |
| 167.5° | 560.5 | 560.4 | 560.4  | 560.6 | 561.0 | 561.4 | 561.8 | 562.2 | 561.8 | 561.4 | 561.0 |
| 170°   | 566.7 | 566.7 | 566.7  | 566.9 | 567.3 | 567.8 | 568.2 | 568.6 | 568.2 | 567.8 | 567.3 |
| 172.5° | 571.7 | 571.7 | 571.7  | 571.9 | 572.3 | 572.7 | 573.1 | 573.5 | 573.1 | 572.7 | 572.3 |
| 175°   | 574.9 | 574.9 | 574.9  | 575.1 | 575.5 | 575.9 | 576.3 | 576.7 | 576.3 | 575.9 | 575.5 |
| 177.5° | 576.7 | 576.7 | 576.7  | 576.9 | 577.3 | 577.7 | 578.1 | 578.5 | 578.1 | 577.7 | 577.3 |
| 180°   | 578.1 | 578.1 | 578.1  | 578.1 | 578.1 | 578.1 | 578.1 | 578.1 | 578.1 | 578.1 | 578.1 |

TEST NUMBER: P1031637

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**CANDELA DISTRIBUTION (continued):**

|        | 200°  | 202.5° | 205°  | 210°  | 215°  | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  |
|--------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 464.2 | 464.2  | 464.2 | 464.2 | 464.2 | 464.2 | 464.2 | 464.2 | 464.2 | 464.2 | 464.2 |
| 2.5°   | 457.0 | 456.5  | 457.4 | 454.7 | 450.2 | 448.0 | 441.7 | 440.4 | 439.9 | 440.4 | 440.8 |
| 5°     | 444.4 | 443.9  | 442.6 | 438.1 | 432.7 | 428.7 | 421.0 | 420.6 | 417.9 | 415.2 | 416.5 |
| 7.5°   | 432.3 | 430.5  | 427.8 | 421.9 | 414.7 | 410.2 | 403.9 | 399.4 | 395.8 | 393.6 | 391.8 |
| 10°    | 420.1 | 417.4  | 414.7 | 407.1 | 398.1 | 391.3 | 383.7 | 380.1 | 376.0 | 374.2 | 372.4 |
| 12.5°  | 404.4 | 401.7  | 396.7 | 387.7 | 382.3 | 373.8 | 366.1 | 362.5 | 360.3 | 356.7 | 354.4 |
| 15°    | 391.8 | 386.4  | 383.7 | 374.2 | 363.0 | 362.1 | 348.1 | 347.2 | 342.7 | 342.7 | 339.1 |
| 17.5°  | 377.4 | 373.3  | 368.4 | 358.9 | 350.8 | 342.7 | 335.5 | 332.8 | 328.8 | 327.9 | 326.1 |
| 20°    | 363.4 | 358.0  | 356.2 | 346.8 | 338.2 | 328.4 | 320.7 | 318.0 | 316.2 | 314.4 | 315.8 |
| 22.5°  | 349.0 | 344.5  | 340.0 | 331.5 | 325.2 | 315.3 | 310.8 | 308.1 | 305.4 | 304.5 | 305.0 |
| 25°    | 335.1 | 331.1  | 326.6 | 318.0 | 311.3 | 303.2 | 299.1 | 297.8 | 296.4 | 296.4 | 296.0 |
| 27.5°  | 321.6 | 317.6  | 313.5 | 305.9 | 299.1 | 293.3 | 290.1 | 288.8 | 287.4 | 288.3 | 289.2 |
| 30°    | 307.7 | 304.1  | 300.5 | 293.7 | 288.3 | 282.9 | 281.1 | 280.2 | 279.8 | 282.0 | 282.0 |
| 32.5°  | 295.1 | 291.9  | 289.2 | 282.9 | 277.5 | 273.0 | 271.7 | 272.1 | 272.6 | 273.9 | 274.8 |
| 35°    | 282.0 | 279.8  | 277.1 | 271.7 | 267.2 | 263.1 | 263.6 | 263.6 | 264.5 | 266.7 | 268.5 |
| 37.5°  | 270.3 | 267.2  | 264.9 | 260.4 | 256.8 | 253.2 | 254.6 | 255.9 | 256.8 | 259.5 | 260.4 |
| 40°    | 256.4 | 255.0  | 253.2 | 248.7 | 245.6 | 245.1 | 245.6 | 246.5 | 248.3 | 249.6 | 251.0 |
| 42.5°  | 245.1 | 243.3  | 241.1 | 237.5 | 234.8 | 235.2 | 235.7 | 236.6 | 237.5 | 239.7 | 241.1 |
| 45°    | 232.5 | 231.2  | 229.4 | 226.2 | 224.0 | 224.4 | 224.9 | 224.9 | 225.8 | 228.5 | 229.4 |
| 47.5°  | 218.6 | 219.1  | 216.8 | 213.7 | 212.3 | 212.3 | 212.3 | 213.2 | 215.5 | 216.4 | 216.8 |
| 50°    | 205.1 | 204.2  | 203.8 | 200.6 | 199.7 | 199.3 | 199.7 | 200.2 | 203.3 | 202.9 | 204.2 |
| 52.5°  | 190.7 | 190.7  | 190.3 | 188.5 | 187.1 | 187.1 | 186.2 | 188.5 | 189.4 | 190.3 | 191.6 |
| 55°    | 176.8 | 175.4  | 175.0 | 174.1 | 172.3 | 171.8 | 172.7 | 175.4 | 176.3 | 177.2 | 178.6 |
| 57.5°  | 161.5 | 161.5  | 160.6 | 159.2 | 159.2 | 159.2 | 159.2 | 161.0 | 162.4 | 163.3 | 166.0 |
| 60°    | 147.5 | 145.7  | 144.4 | 144.4 | 144.4 | 143.9 | 146.6 | 146.6 | 149.3 | 149.8 | 150.7 |
| 62.5°  | 130.9 | 130.0  | 129.1 | 129.5 | 129.1 | 130.0 | 130.9 | 132.7 | 133.1 | 134.5 | 135.8 |
| 65°    | 115.1 | 115.1  | 114.2 | 116.9 | 115.1 | 115.1 | 117.4 | 117.4 | 118.3 | 119.6 | 121.4 |
| 67.5°  | 99.9  | 100.3  | 99.4  | 99.4  | 100.3 | 100.8 | 101.2 | 103.0 | 103.5 | 105.3 | 107.5 |
| 70°    | 84.1  | 85.0   | 85.5  | 84.6  | 85.5  | 86.4  | 87.3  | 87.7  | 89.5  | 90.4  | 91.8  |
| 72.5°  | 70.2  | 71.1   | 69.7  | 70.2  | 70.6  | 71.5  | 72.0  | 72.9  | 73.8  | 76.5  | 77.4  |
| 75°    | 56.2  | 55.8   | 55.3  | 57.1  | 56.2  | 58.0  | 58.5  | 58.5  | 59.4  | 61.6  | 62.5  |
| 77.5°  | 43.2  | 43.2   | 43.6  | 42.7  | 44.1  | 43.6  | 44.1  | 45.4  | 46.8  | 46.8  | 50.4  |
| 80°    | 30.1  | 31.0   | 31.0  | 31.0  | 31.5  | 31.9  | 31.0  | 33.3  | 33.7  | 33.7  | 35.1  |
| 82.5°  | 19.3  | 19.8   | 19.3  | 20.2  | 20.2  | 21.1  | 20.7  | 21.1  | 22.0  | 22.9  | 23.4  |
| 85°    | 10.3  | 10.3   | 11.2  | 11.2  | 10.8  | 11.2  | 10.8  | 11.2  | 12.1  | 12.1  | 12.6  |
| 87.5°  | 3.6   | 3.6    | 3.6   | 3.6   | 4.0   | 3.6   | 4.0   | 4.0   | 3.6   | 3.6   | 4.9   |
| 90°    | 4.5   | 5.0    | 5.7   | 7.0   | 8.3   | 9.6   | 10.9  | 11.3  | 11.7  | 12.1  | 12.5  |
| 92.5°  | 16.0  | 16.3   | 16.6  | 17.2  | 17.9  | 18.5  | 19.1  | 19.4  | 19.7  | 20.0  | 20.3  |
| 95°    | 29.6  | 30.0   | 30.4  | 31.2  | 32.0  | 32.8  | 33.6  | 34.0  | 34.4  | 34.8  | 35.2  |
| 97.5°  | 46.0  | 46.3   | 46.6  | 47.2  | 47.8  | 48.4  | 49.0  | 49.5  | 50.0  | 50.5  | 51.0  |
| 100°   | 64.2  | 64.5   | 64.8  | 65.3  | 65.8  | 66.3  | 66.8  | 67.1  | 67.4  | 67.7  | 68.0  |
| 102.5° | 83.4  | 83.6   | 83.9  | 84.6  | 85.3  | 86.0  | 86.7  | 87.0  | 87.3  | 87.6  | 87.9  |
| 105°   | 103.0 | 103.1  | 103.6 | 104.5 | 105.4 | 106.3 | 107.2 | 107.2 | 107.2 | 107.2 | 107.2 |
| 107.5° | 126.2 | 126.2  | 126.4 | 126.8 | 127.3 | 127.7 | 128.1 | 128.4 | 128.7 | 129.0 | 129.3 |
| 110°   | 148.4 | 148.5  | 148.6 | 148.8 | 149.0 | 149.2 | 149.4 | 149.8 | 150.2 | 150.6 | 151.0 |

TEST NUMBER: P1031637

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**CANDELA DISTRIBUTION (continued):**

|        | 200°  | 202.5° | 205°  | 210°  | 215°  | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  |
|--------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 170.7 | 170.7  | 170.7 | 170.7 | 170.7 | 170.7 | 170.7 | 171.2 | 171.7 | 172.2 | 172.7 |
| 115°   | 194.2 | 194.4  | 194.3 | 194.1 | 193.9 | 193.7 | 193.5 | 193.6 | 193.7 | 193.8 | 193.9 |
| 117.5° | 216.6 | 216.6  | 216.5 | 216.3 | 216.1 | 215.9 | 215.7 | 215.7 | 215.7 | 215.7 | 215.7 |
| 120°   | 239.9 | 240.2  | 240.0 | 239.5 | 239.0 | 238.5 | 238.0 | 237.9 | 237.8 | 237.7 | 237.6 |
| 122.5° | 261.4 | 261.6  | 261.5 | 261.3 | 261.1 | 260.9 | 260.7 | 260.4 | 260.1 | 259.8 | 259.5 |
| 125°   | 283.7 | 283.8  | 283.7 | 283.5 | 283.3 | 283.1 | 282.9 | 282.5 | 282.1 | 281.7 | 281.3 |
| 127.5° | 305.8 | 306.1  | 306.0 | 305.8 | 305.6 | 305.4 | 305.2 | 304.6 | 304.0 | 303.3 | 302.7 |
| 130°   | 327.5 | 327.9  | 327.7 | 327.4 | 327.1 | 326.8 | 326.5 | 326.1 | 325.7 | 325.3 | 324.9 |
| 132.5° | 348.4 | 348.8  | 348.7 | 348.5 | 348.3 | 348.1 | 347.9 | 347.4 | 346.9 | 346.4 | 345.9 |
| 135°   | 368.9 | 369.2  | 369.1 | 369.0 | 368.9 | 368.8 | 368.7 | 368.3 | 367.9 | 367.5 | 367.1 |
| 137.5° | 388.0 | 388.3  | 388.4 | 388.7 | 389.0 | 389.3 | 389.6 | 389.1 | 388.6 | 388.1 | 387.6 |
| 140°   | 408.4 | 408.7  | 408.8 | 408.9 | 409.0 | 409.1 | 409.2 | 409.1 | 409.0 | 408.9 | 408.8 |
| 142.5° | 427.1 | 427.3  | 427.4 | 427.6 | 427.8 | 428.0 | 428.2 | 428.1 | 428.0 | 427.9 | 427.8 |
| 145°   | 445.4 | 445.5  | 445.6 | 445.9 | 446.2 | 446.5 | 446.8 | 446.7 | 446.6 | 446.5 | 446.4 |
| 147.5° | 463.0 | 463.2  | 463.4 | 463.7 | 464.0 | 464.3 | 464.6 | 464.6 | 464.6 | 464.6 | 464.6 |
| 150°   | 479.9 | 480.0  | 480.1 | 480.3 | 480.5 | 480.7 | 480.9 | 480.9 | 480.9 | 480.9 | 480.9 |
| 152.5° | 494.8 | 495.0  | 495.0 | 495.1 | 495.2 | 495.3 | 495.4 | 495.6 | 495.8 | 496.0 | 496.2 |
| 155°   | 509.1 | 509.1  | 509.1 | 509.2 | 509.3 | 509.4 | 509.5 | 509.9 | 510.3 | 510.7 | 511.1 |
| 157.5° | 521.8 | 521.8  | 521.8 | 521.9 | 522.0 | 522.1 | 522.2 | 522.6 | 523.0 | 523.4 | 523.8 |
| 160°   | 533.7 | 533.6  | 533.6 | 533.6 | 533.6 | 533.6 | 533.6 | 534.1 | 534.6 | 535.1 | 535.6 |
| 162.5° | 544.2 | 544.0  | 544.1 | 544.2 | 544.3 | 544.4 | 544.5 | 545.0 | 545.5 | 546.0 | 546.5 |
| 165°   | 553.3 | 553.1  | 553.1 | 553.1 | 553.1 | 553.1 | 553.1 | 553.7 | 554.3 | 554.9 | 555.5 |
| 167.5° | 560.6 | 560.4  | 560.4 | 560.5 | 560.6 | 560.7 | 560.8 | 561.4 | 562.0 | 562.7 | 563.3 |
| 170°   | 566.9 | 566.7  | 566.7 | 566.7 | 566.7 | 566.7 | 566.7 | 567.4 | 568.1 | 568.8 | 569.5 |
| 172.5° | 571.9 | 571.7  | 571.7 | 571.7 | 571.7 | 571.7 | 571.7 | 572.3 | 572.9 | 573.6 | 574.2 |
| 175°   | 575.1 | 574.9  | 574.9 | 574.9 | 574.9 | 574.9 | 574.9 | 575.5 | 576.1 | 576.7 | 577.3 |
| 177.5° | 576.9 | 576.7  | 576.7 | 576.7 | 576.7 | 576.7 | 576.7 | 577.3 | 577.9 | 578.6 | 579.2 |
| 180°   | 578.1 | 578.1  | 578.1 | 578.1 | 578.1 | 578.1 | 578.1 | 578.1 | 578.1 | 578.1 | 578.1 |

TEST NUMBER: P1031637

CATALOG NUMBER: S123DIW-B340D460UB27-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°  | 255°  | 260°  | 265°  | 270°  | 275°  | 280°  | 285°  | 290°  | 292.5° |
|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 0°     | 464.2  | 464.2 | 464.2 | 464.2 | 464.2 | 464.2 | 464.2 | 464.2 | 464.2 | 464.2 | 464.2  |
| 2.5°   | 440.4  | 440.8 | 439.0 | 437.7 | 441.3 | 439.0 | 439.0 | 439.5 | 438.6 | 439.9 | 439.5  |
| 5°     | 415.6  | 416.1 | 412.9 | 413.8 | 412.0 | 411.6 | 411.1 | 413.8 | 413.4 | 412.9 | 413.8  |
| 7.5°   | 391.3  | 391.3 | 390.0 | 389.1 | 389.1 | 387.7 | 389.5 | 389.1 | 390.0 | 390.0 | 391.3  |
| 10°    | 371.1  | 372.0 | 369.7 | 367.5 | 367.0 | 367.5 | 367.5 | 367.9 | 368.4 | 371.5 | 371.1  |
| 12.5°  | 354.4  | 353.1 | 352.6 | 351.3 | 349.0 | 348.1 | 347.2 | 352.2 | 350.8 | 350.8 | 350.8  |
| 15°    | 336.0  | 339.1 | 338.7 | 334.6 | 333.7 | 335.5 | 334.6 | 334.6 | 339.1 | 338.7 | 338.2  |
| 17.5°  | 326.1  | 325.2 | 324.3 | 322.1 | 322.5 | 322.1 | 322.5 | 322.5 | 325.2 | 325.2 | 325.2  |
| 20°    | 314.9  | 313.1 | 313.1 | 312.2 | 312.2 | 310.8 | 312.6 | 313.1 | 314.9 | 314.9 | 315.3  |
| 22.5°  | 305.0  | 303.6 | 303.6 | 303.2 | 304.1 | 302.3 | 304.1 | 304.5 | 304.5 | 305.9 | 305.9  |
| 25°    | 296.4  | 295.5 | 295.5 | 296.4 | 296.4 | 296.4 | 296.4 | 298.2 | 296.9 | 297.3 | 296.9  |
| 27.5°  | 288.8  | 289.2 | 289.7 | 290.1 | 289.7 | 290.1 | 290.6 | 291.5 | 291.9 | 291.5 | 290.6  |
| 30°    | 281.6  | 282.9 | 283.4 | 283.4 | 284.3 | 284.7 | 285.2 | 285.2 | 285.6 | 284.3 | 285.2  |
| 32.5°  | 276.2  | 276.2 | 277.1 | 277.5 | 278.4 | 278.9 | 278.9 | 279.8 | 279.3 | 278.0 | 278.4  |
| 35°    | 268.5  | 268.5 | 270.3 | 271.2 | 272.6 | 272.1 | 272.6 | 272.6 | 273.0 | 272.1 | 270.8  |
| 37.5°  | 260.9  | 261.8 | 261.8 | 263.6 | 264.0 | 264.5 | 264.0 | 264.9 | 264.5 | 263.6 | 263.1  |
| 40°    | 251.9  | 251.4 | 251.9 | 253.2 | 253.7 | 253.7 | 253.7 | 254.6 | 254.6 | 254.6 | 254.1  |
| 42.5°  | 240.6  | 242.0 | 241.5 | 242.9 | 242.4 | 242.4 | 243.3 | 244.2 | 244.7 | 243.3 | 243.8  |
| 45°    | 229.8  | 229.8 | 230.7 | 230.7 | 231.2 | 231.2 | 233.0 | 232.1 | 233.0 | 232.1 | 232.5  |
| 47.5°  | 218.2  | 218.6 | 218.6 | 219.1 | 220.0 | 220.9 | 220.0 | 220.4 | 220.4 | 220.9 | 220.0  |
| 50°    | 205.1  | 205.1 | 206.0 | 207.4 | 209.2 | 208.3 | 207.8 | 209.6 | 208.3 | 208.3 | 207.4  |
| 52.5°  | 191.6  | 193.0 | 193.4 | 194.8 | 196.1 | 196.6 | 197.0 | 196.1 | 196.6 | 195.2 | 195.7  |
| 55°    | 178.6  | 179.0 | 180.8 | 182.2 | 183.5 | 183.5 | 183.1 | 183.5 | 184.0 | 182.2 | 182.2  |
| 57.5°  | 165.5  | 166.9 | 168.7 | 168.7 | 170.5 | 170.5 | 170.0 | 170.0 | 170.5 | 169.1 | 168.7  |
| 60°    | 151.6  | 152.9 | 155.2 | 155.2 | 157.9 | 158.3 | 157.4 | 156.5 | 156.5 | 155.2 | 155.6  |
| 62.5°  | 136.7  | 138.1 | 139.4 | 141.7 | 143.5 | 142.6 | 144.4 | 142.6 | 143.0 | 140.3 | 140.3  |
| 65°    | 123.7  | 124.1 | 126.4 | 128.6 | 128.6 | 129.5 | 128.6 | 129.1 | 127.7 | 127.7 | 125.9  |
| 67.5°  | 108.4  | 108.4 | 110.6 | 112.9 | 115.1 | 115.1 | 115.1 | 113.8 | 113.8 | 112.4 | 112.4  |
| 70°    | 94.9   | 94.5  | 96.7  | 98.1  | 99.4  | 99.9  | 99.0  | 98.5  | 97.6  | 96.3  | 95.8   |
| 72.5°  | 78.3   | 79.2  | 81.4  | 82.3  | 84.6  | 84.1  | 86.4  | 83.7  | 83.7  | 81.4  | 81.0   |
| 75°    | 63.4   | 64.3  | 66.6  | 67.9  | 69.3  | 69.3  | 70.6  | 69.3  | 67.5  | 66.6  | 66.1   |
| 77.5°  | 50.4   | 49.9  | 51.7  | 54.0  | 54.4  | 54.0  | 54.9  | 54.4  | 52.6  | 52.6  | 51.7   |
| 80°    | 36.0   | 37.3  | 39.1  | 38.7  | 40.5  | 40.0  | 40.0  | 39.1  | 39.1  | 37.8  | 38.7   |
| 82.5°  | 23.8   | 25.2  | 25.6  | 25.2  | 25.6  | 26.5  | 27.0  | 26.5  | 26.5  | 25.6  | 26.1   |
| 85°    | 12.6   | 12.6  | 13.5  | 13.9  | 13.5  | 13.5  | 13.9  | 15.3  | 14.4  | 13.5  | 14.4   |
| 87.5°  | 4.0    | 3.6   | 3.6   | 4.0   | 3.6   | 3.6   | 4.0   | 4.0   | 4.5   | 4.5   | 4.5    |
| 90°    | 12.7   | 12.8  | 13.0  | 13.2  | 13.4  | 13.6  | 13.4  | 13.2  | 13.0  | 12.8  | 12.7   |
| 92.5°  | 20.4   | 20.3  | 20.1  | 19.9  | 19.7  | 19.5  | 19.7  | 19.9  | 20.1  | 20.3  | 20.4   |
| 95°    | 35.4   | 35.4  | 35.4  | 35.4  | 35.4  | 35.4  | 35.4  | 35.4  | 35.4  | 35.4  | 35.4   |
| 97.5°  | 51.3   | 51.3  | 51.2  | 51.1  | 51.0  | 50.9  | 51.0  | 51.1  | 51.2  | 51.3  | 51.3   |
| 100°   | 68.1   | 68.2  | 68.4  | 68.6  | 68.8  | 69.0  | 68.8  | 68.6  | 68.4  | 68.2  | 68.1   |
| 102.5° | 88.1   | 88.0  | 87.9  | 87.8  | 87.7  | 87.6  | 87.7  | 87.8  | 87.9  | 88.0  | 88.1   |
| 105°   | 107.2  | 107.3 | 107.5 | 107.7 | 107.9 | 108.1 | 107.9 | 107.7 | 107.5 | 107.3 | 107.2  |
| 107.5° | 129.4  | 129.4 | 129.3 | 129.2 | 129.1 | 129.0 | 129.1 | 129.2 | 129.3 | 129.4 | 129.4  |
| 110°   | 151.2  | 151.1 | 150.9 | 150.7 | 150.5 | 150.3 | 150.5 | 150.7 | 150.9 | 151.1 | 151.2  |

TEST NUMBER: P1031637

CATALOG NUMBER: S123DIW-B340D460UB27-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°  | 255°  | 260°  | 265°  | 270°  | 275°  | 280°  | 285°  | 290°  | 292.5° |
|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 112.5° | 173.0  | 173.0 | 173.0 | 173.0 | 173.0 | 173.0 | 173.0 | 173.0 | 173.0 | 173.0 | 173.0  |
| 115°   | 193.9  | 193.9 | 193.8 | 193.7 | 193.6 | 193.5 | 193.6 | 193.7 | 193.8 | 193.9 | 193.9  |
| 117.5° | 215.7  | 215.5 | 215.2 | 214.9 | 214.6 | 214.3 | 214.6 | 214.9 | 215.2 | 215.5 | 215.7  |
| 120°   | 237.5  | 237.4 | 237.2 | 237.0 | 236.8 | 236.6 | 236.8 | 237.0 | 237.2 | 237.4 | 237.5  |
| 122.5° | 259.3  | 259.1 | 258.8 | 258.5 | 258.2 | 257.9 | 258.2 | 258.5 | 258.8 | 259.1 | 259.3  |
| 125°   | 281.1  | 280.9 | 280.5 | 280.1 | 279.7 | 279.3 | 279.7 | 280.1 | 280.5 | 280.9 | 281.1  |
| 127.5° | 302.4  | 302.2 | 301.8 | 301.4 | 301.0 | 300.6 | 301.0 | 301.4 | 301.8 | 302.2 | 302.4  |
| 130°   | 324.7  | 324.3 | 323.6 | 322.9 | 322.2 | 321.5 | 322.2 | 322.9 | 323.6 | 324.3 | 324.7  |
| 132.5° | 345.6  | 345.3 | 344.8 | 344.3 | 343.8 | 343.3 | 343.8 | 344.3 | 344.8 | 345.3 | 345.6  |
| 135°   | 366.9  | 366.8 | 366.6 | 366.4 | 366.2 | 366.0 | 366.2 | 366.4 | 366.6 | 366.8 | 366.9  |
| 137.5° | 387.4  | 387.2 | 386.9 | 386.6 | 386.3 | 386.0 | 386.3 | 386.6 | 386.9 | 387.2 | 387.4  |
| 140°   | 408.7  | 408.3 | 407.6 | 406.9 | 406.2 | 405.5 | 406.2 | 406.9 | 407.6 | 408.3 | 408.7  |
| 142.5° | 427.8  | 427.5 | 427.0 | 426.5 | 426.0 | 425.5 | 426.0 | 426.5 | 427.0 | 427.5 | 427.8  |
| 145°   | 446.4  | 446.2 | 445.8 | 445.4 | 445.0 | 444.6 | 445.0 | 445.4 | 445.8 | 446.2 | 446.4  |
| 147.5° | 464.6  | 464.3 | 463.7 | 463.0 | 462.4 | 461.8 | 462.4 | 463.0 | 463.7 | 464.3 | 464.6  |
| 150°   | 480.9  | 480.6 | 480.0 | 479.4 | 478.8 | 478.2 | 478.8 | 479.4 | 480.0 | 480.6 | 480.9  |
| 152.5° | 496.3  | 496.1 | 495.6 | 495.1 | 494.6 | 494.1 | 494.6 | 495.1 | 495.6 | 496.1 | 496.3  |
| 155°   | 511.3  | 511.0 | 510.3 | 509.6 | 508.9 | 508.2 | 508.9 | 509.6 | 510.3 | 511.0 | 511.3  |
| 157.5° | 524.0  | 523.7 | 523.1 | 522.5 | 521.9 | 521.3 | 521.9 | 522.5 | 523.1 | 523.7 | 524.0  |
| 160°   | 535.9  | 535.7 | 535.3 | 534.8 | 534.4 | 534.0 | 534.4 | 534.8 | 535.3 | 535.7 | 535.9  |
| 162.5° | 546.8  | 546.4 | 545.7 | 545.0 | 544.3 | 543.6 | 544.3 | 545.0 | 545.7 | 546.4 | 546.8  |
| 165°   | 555.8  | 555.5 | 554.8 | 554.1 | 553.4 | 552.7 | 553.4 | 554.1 | 554.8 | 555.5 | 555.8  |
| 167.5° | 563.6  | 563.3 | 562.7 | 562.0 | 561.4 | 560.8 | 561.4 | 562.0 | 562.7 | 563.3 | 563.6  |
| 170°   | 569.9  | 569.5 | 568.8 | 568.1 | 567.4 | 566.7 | 567.4 | 568.1 | 568.8 | 569.5 | 569.9  |
| 172.5° | 574.5  | 574.1 | 573.4 | 572.7 | 572.0 | 571.3 | 572.0 | 572.7 | 573.4 | 574.1 | 574.5  |
| 175°   | 577.6  | 577.3 | 576.6 | 575.9 | 575.2 | 574.5 | 575.2 | 575.9 | 576.6 | 577.3 | 577.6  |
| 177.5° | 579.5  | 579.1 | 578.4 | 577.7 | 577.0 | 576.3 | 577.0 | 577.7 | 578.4 | 579.1 | 579.5  |
| 180°   | 578.1  | 578.1 | 578.1 | 578.1 | 578.1 | 578.1 | 578.1 | 578.1 | 578.1 | 578.1 | 578.1  |

TEST NUMBER: P1031637

CATALOG NUMBER: S123DIW-B340D460UB27-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  | 330°  | 335°  | 337.5° | 340°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 0°     | 464.2 | 464.2 | 464.2 | 464.2 | 464.2 | 464.2 | 464.2 | 464.2 | 464.2 | 464.2  | 464.2 |
| 2.5°   | 440.8 | 441.7 | 442.1 | 440.4 | 439.0 | 441.3 | 444.4 | 446.6 | 448.4 | 450.7  | 452.0 |
| 5°     | 414.7 | 417.9 | 417.9 | 418.8 | 420.1 | 422.4 | 428.2 | 432.3 | 435.9 | 438.6  | 440.8 |
| 7.5°   | 392.7 | 394.9 | 396.3 | 398.5 | 400.8 | 403.9 | 410.7 | 416.5 | 421.9 | 425.1  | 428.7 |
| 10°    | 372.9 | 374.7 | 376.9 | 378.3 | 382.3 | 386.8 | 395.4 | 400.3 | 406.6 | 411.6  | 416.1 |
| 12.5°  | 354.0 | 360.3 | 361.6 | 361.2 | 364.8 | 369.7 | 378.3 | 385.9 | 392.7 | 397.6  | 402.6 |
| 15°    | 340.5 | 342.7 | 345.4 | 345.0 | 352.6 | 354.0 | 361.2 | 370.2 | 379.2 | 382.3  | 386.8 |
| 17.5°  | 325.7 | 329.3 | 331.9 | 333.3 | 335.5 | 340.5 | 347.2 | 354.0 | 365.7 | 366.1  | 377.8 |
| 20°    | 314.0 | 317.6 | 319.4 | 321.2 | 322.5 | 328.4 | 334.2 | 341.8 | 351.3 | 356.2  | 362.5 |
| 22.5°  | 306.3 | 308.1 | 309.5 | 310.8 | 312.6 | 315.8 | 323.0 | 331.5 | 337.8 | 343.2  | 347.2 |
| 25°    | 297.3 | 299.1 | 300.9 | 301.8 | 303.2 | 305.0 | 310.4 | 317.1 | 326.1 | 329.7  | 333.7 |
| 27.5°  | 291.0 | 291.0 | 291.9 | 291.9 | 293.7 | 295.5 | 299.6 | 305.9 | 313.1 | 317.6  | 323.0 |
| 30°    | 284.3 | 283.8 | 284.3 | 283.8 | 283.4 | 286.1 | 289.7 | 295.1 | 300.0 | 305.4  | 309.0 |
| 32.5°  | 277.5 | 277.1 | 277.1 | 277.5 | 275.7 | 277.1 | 278.9 | 283.8 | 289.2 | 291.9  | 296.0 |
| 35°    | 270.3 | 269.4 | 269.4 | 269.4 | 268.5 | 267.6 | 269.4 | 273.9 | 277.5 | 281.1  | 284.3 |
| 37.5°  | 263.1 | 261.8 | 261.8 | 260.9 | 260.0 | 258.6 | 258.6 | 262.2 | 267.2 | 268.5  | 272.6 |
| 40°    | 253.2 | 253.2 | 252.3 | 251.9 | 251.0 | 250.1 | 248.7 | 251.9 | 256.4 | 257.7  | 260.9 |
| 42.5°  | 243.3 | 242.0 | 241.5 | 241.5 | 241.5 | 240.2 | 239.3 | 241.5 | 244.2 | 246.5  | 248.3 |
| 45°    | 232.1 | 231.2 | 231.6 | 231.2 | 230.3 | 229.8 | 229.4 | 230.3 | 233.4 | 234.3  | 236.6 |
| 47.5°  | 220.0 | 219.5 | 219.5 | 219.1 | 218.6 | 219.1 | 217.3 | 219.5 | 220.4 | 221.3  | 223.1 |
| 50°    | 207.4 | 206.9 | 206.5 | 206.0 | 206.0 | 206.5 | 206.0 | 206.0 | 207.8 | 208.7  | 210.5 |
| 52.5°  | 194.8 | 193.4 | 193.4 | 193.0 | 193.0 | 192.1 | 193.0 | 193.4 | 194.3 | 195.2  | 196.1 |
| 55°    | 181.3 | 181.3 | 179.9 | 179.9 | 179.0 | 179.0 | 179.5 | 179.0 | 180.8 | 181.7  | 181.7 |
| 57.5°  | 168.2 | 166.4 | 166.9 | 166.0 | 165.1 | 164.6 | 164.6 | 165.5 | 166.4 | 166.4  | 167.3 |
| 60°    | 154.3 | 152.5 | 152.0 | 150.2 | 151.1 | 149.8 | 150.2 | 150.2 | 152.0 | 151.1  | 152.0 |
| 62.5°  | 140.3 | 138.1 | 136.7 | 135.8 | 135.8 | 136.3 | 135.4 | 134.9 | 135.8 | 136.7  | 138.5 |
| 65°    | 125.5 | 124.1 | 122.8 | 121.4 | 121.4 | 121.0 | 121.9 | 120.5 | 120.1 | 120.5  | 121.4 |
| 67.5°  | 110.2 | 108.9 | 107.5 | 106.2 | 106.6 | 105.3 | 104.4 | 105.7 | 104.8 | 105.3  | 106.2 |
| 70°    | 95.4  | 94.5  | 91.8  | 90.9  | 90.4  | 90.9  | 90.4  | 89.5  | 90.9  | 90.4   | 90.9  |
| 72.5°  | 80.5  | 79.6  | 78.3  | 76.0  | 76.0  | 75.6  | 75.1  | 75.1  | 74.7  | 74.7   | 74.7  |
| 75°    | 66.1  | 64.3  | 63.0  | 62.5  | 61.6  | 61.2  | 60.7  | 59.8  | 60.3  | 60.7   | 59.8  |
| 77.5°  | 51.3  | 49.0  | 48.6  | 48.6  | 47.2  | 47.2  | 47.7  | 47.2  | 46.8  | 46.8   | 46.8  |
| 80°    | 37.8  | 36.0  | 36.0  | 35.1  | 34.2  | 34.2  | 34.2  | 34.2  | 33.7  | 33.3   | 33.7  |
| 82.5°  | 24.3  | 23.8  | 23.4  | 23.4  | 24.3  | 22.5  | 23.4  | 22.9  | 22.5  | 22.5   | 22.0  |
| 85°    | 13.5  | 13.9  | 13.5  | 13.9  | 13.0  | 13.5  | 13.5  | 13.5  | 13.0  | 13.5   | 12.6  |
| 87.5°  | 4.9   | 4.9   | 4.9   | 5.4   | 5.4   | 5.4   | 5.4   | 5.4   | 5.8   | 5.4    | 5.4   |
| 90°    | 12.5  | 12.1  | 11.7  | 11.3  | 10.9  | 9.6   | 8.3   | 7.0   | 5.7   | 5.0    | 4.5   |
| 92.5°  | 20.3  | 20.0  | 19.7  | 19.4  | 19.1  | 18.5  | 17.9  | 17.2  | 16.6  | 16.3   | 16.0  |
| 95°    | 35.2  | 34.8  | 34.4  | 34.0  | 33.6  | 32.8  | 32.0  | 31.2  | 30.4  | 30.0   | 29.6  |
| 97.5°  | 51.0  | 50.5  | 50.0  | 49.5  | 49.0  | 48.4  | 47.8  | 47.2  | 46.6  | 46.3   | 46.0  |
| 100°   | 68.0  | 67.7  | 67.4  | 67.1  | 66.8  | 66.3  | 65.8  | 65.3  | 64.8  | 64.5   | 64.2  |
| 102.5° | 87.9  | 87.6  | 87.3  | 87.0  | 86.7  | 86.0  | 85.3  | 84.6  | 83.9  | 83.6   | 83.4  |
| 105°   | 107.2 | 107.2 | 107.2 | 107.2 | 107.2 | 106.3 | 105.4 | 104.5 | 103.6 | 103.1  | 103.0 |
| 107.5° | 129.3 | 129.0 | 128.7 | 128.4 | 128.1 | 127.7 | 127.3 | 126.8 | 126.4 | 126.2  | 126.2 |
| 110°   | 151.0 | 150.6 | 150.2 | 149.8 | 149.4 | 149.2 | 149.0 | 148.8 | 148.6 | 148.5  | 148.4 |

TEST NUMBER: P1031637

CATALOG NUMBER: S123DIW-B340D460UB27-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  | 330°  | 335°  | 337.5° | 340°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 112.5° | 172.7 | 172.2 | 171.7 | 171.2 | 170.7 | 170.7 | 170.7 | 170.7 | 170.7 | 170.7  | 170.7 |
| 115°   | 193.9 | 193.8 | 193.7 | 193.6 | 193.5 | 193.7 | 193.9 | 194.1 | 194.3 | 194.4  | 194.2 |
| 117.5° | 215.7 | 215.7 | 215.7 | 215.7 | 215.7 | 215.9 | 216.1 | 216.3 | 216.5 | 216.6  | 216.6 |
| 120°   | 237.6 | 237.7 | 237.8 | 237.9 | 238.0 | 238.5 | 239.0 | 239.5 | 240.0 | 240.2  | 239.9 |
| 122.5° | 259.5 | 259.8 | 260.1 | 260.4 | 260.7 | 260.9 | 261.1 | 261.3 | 261.5 | 261.6  | 261.4 |
| 125°   | 281.3 | 281.7 | 282.1 | 282.5 | 282.9 | 283.1 | 283.3 | 283.5 | 283.7 | 283.8  | 283.7 |
| 127.5° | 302.7 | 303.3 | 304.0 | 304.6 | 305.2 | 305.4 | 305.6 | 305.8 | 306.0 | 306.1  | 305.8 |
| 130°   | 324.9 | 325.3 | 325.7 | 326.1 | 326.5 | 326.8 | 327.1 | 327.4 | 327.7 | 327.9  | 327.5 |
| 132.5° | 345.9 | 346.4 | 346.9 | 347.4 | 347.9 | 348.1 | 348.3 | 348.5 | 348.7 | 348.8  | 348.4 |
| 135°   | 367.1 | 367.5 | 367.9 | 368.3 | 368.7 | 368.8 | 368.9 | 369.0 | 369.1 | 369.2  | 368.9 |
| 137.5° | 387.6 | 388.1 | 388.6 | 389.1 | 389.6 | 389.3 | 389.0 | 388.7 | 388.4 | 388.3  | 388.0 |
| 140°   | 408.8 | 408.9 | 409.0 | 409.1 | 409.2 | 409.1 | 409.0 | 408.9 | 408.8 | 408.7  | 408.4 |
| 142.5° | 427.8 | 427.9 | 428.0 | 428.1 | 428.2 | 428.0 | 427.8 | 427.6 | 427.4 | 427.3  | 427.1 |
| 145°   | 446.4 | 446.5 | 446.6 | 446.7 | 446.8 | 446.5 | 446.2 | 445.9 | 445.6 | 445.5  | 445.4 |
| 147.5° | 464.6 | 464.6 | 464.6 | 464.6 | 464.6 | 464.3 | 464.0 | 463.7 | 463.4 | 463.2  | 463.0 |
| 150°   | 480.9 | 480.9 | 480.9 | 480.9 | 480.9 | 480.7 | 480.5 | 480.3 | 480.1 | 480.0  | 479.9 |
| 152.5° | 496.2 | 496.0 | 495.8 | 495.6 | 495.4 | 495.3 | 495.2 | 495.1 | 495.0 | 495.0  | 494.8 |
| 155°   | 511.1 | 510.7 | 510.3 | 509.9 | 509.5 | 509.4 | 509.3 | 509.2 | 509.1 | 509.1  | 509.1 |
| 157.5° | 523.8 | 523.4 | 523.0 | 522.6 | 522.2 | 522.1 | 522.0 | 521.9 | 521.8 | 521.8  | 521.8 |
| 160°   | 535.6 | 535.1 | 534.6 | 534.1 | 533.6 | 533.6 | 533.6 | 533.6 | 533.6 | 533.6  | 533.7 |
| 162.5° | 546.5 | 546.0 | 545.5 | 545.0 | 544.5 | 544.4 | 544.3 | 544.2 | 544.1 | 544.0  | 544.2 |
| 165°   | 555.5 | 554.9 | 554.3 | 553.7 | 553.1 | 553.1 | 553.1 | 553.1 | 553.1 | 553.1  | 553.3 |
| 167.5° | 563.3 | 562.7 | 562.0 | 561.4 | 560.8 | 560.7 | 560.6 | 560.5 | 560.4 | 560.4  | 560.6 |
| 170°   | 569.5 | 568.8 | 568.1 | 567.4 | 566.7 | 566.7 | 566.7 | 566.7 | 566.7 | 566.7  | 566.9 |
| 172.5° | 574.2 | 573.6 | 572.9 | 572.3 | 571.7 | 571.7 | 571.7 | 571.7 | 571.7 | 571.7  | 571.9 |
| 175°   | 577.3 | 576.7 | 576.1 | 575.5 | 574.9 | 574.9 | 574.9 | 574.9 | 574.9 | 574.9  | 575.1 |
| 177.5° | 579.2 | 578.6 | 577.9 | 577.3 | 576.7 | 576.7 | 576.7 | 576.7 | 576.7 | 576.7  | 576.9 |
| 180°   | 578.1 | 578.1 | 578.1 | 578.1 | 578.1 | 578.1 | 578.1 | 578.1 | 578.1 | 578.1  | 578.1 |

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**CANDELA DISTRIBUTION (continued):**

|        | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|
| 0°     | 464.2 | 464.2 | 464.2 | 464.2 |
| 2.5°   | 454.3 | 455.6 | 460.1 | 465.5 |
| 5°     | 445.3 | 448.9 | 455.2 | 463.7 |
| 7.5°   | 435.4 | 440.8 | 449.8 | 460.6 |
| 10°    | 424.2 | 431.8 | 443.0 | 456.5 |
| 12.5°  | 412.0 | 421.9 | 436.3 | 450.2 |
| 15°    | 404.4 | 414.3 | 427.3 | 442.6 |
| 17.5°  | 389.5 | 401.2 | 414.7 | 436.3 |
| 20°    | 374.2 | 387.3 | 404.8 | 426.4 |
| 22.5°  | 362.5 | 376.5 | 393.1 | 416.1 |
| 25°    | 348.6 | 363.0 | 381.0 | 404.8 |
| 27.5°  | 333.7 | 348.1 | 368.4 | 393.6 |
| 30°    | 322.5 | 336.4 | 355.8 | 382.8 |
| 32.5°  | 309.0 | 322.5 | 342.7 | 371.1 |
| 35°    | 293.7 | 309.0 | 328.4 | 357.1 |
| 37.5°  | 282.0 | 296.0 | 316.2 | 343.6 |
| 40°    | 269.4 | 281.6 | 301.4 | 328.4 |
| 42.5°  | 255.9 | 269.4 | 286.5 | 313.5 |
| 45°    | 243.3 | 253.2 | 270.8 | 296.4 |
| 47.5°  | 229.8 | 241.1 | 254.6 | 274.4 |
| 50°    | 215.5 | 224.9 | 239.7 | 253.2 |
| 52.5°  | 201.5 | 209.2 | 221.7 | 232.1 |
| 55°    | 186.7 | 194.3 | 203.8 | 210.1 |
| 57.5°  | 172.7 | 178.1 | 184.4 | 188.5 |
| 60°    | 155.6 | 161.0 | 165.1 | 169.1 |
| 62.5°  | 140.3 | 144.4 | 146.6 | 148.9 |
| 65°    | 124.6 | 126.8 | 128.2 | 130.0 |
| 67.5°  | 107.5 | 109.8 | 110.2 | 112.9 |
| 70°    | 91.8  | 92.2  | 93.1  | 94.5  |
| 72.5°  | 76.9  | 77.8  | 77.4  | 78.3  |
| 75°    | 61.6  | 62.5  | 61.6  | 62.5  |
| 77.5°  | 46.8  | 47.7  | 47.7  | 49.0  |
| 80°    | 33.7  | 34.2  | 34.6  | 34.6  |
| 82.5°  | 22.0  | 23.4  | 22.5  | 22.9  |
| 85°    | 12.6  | 13.0  | 13.0  | 13.5  |
| 87.5°  | 5.8   | 6.3   | 5.8   | 6.7   |
| 90°    | 3.5   | 2.5   | 1.5   | 0.5   |
| 92.5°  | 15.4  | 14.8  | 14.2  | 13.6  |
| 95°    | 28.9  | 28.2  | 27.5  | 26.8  |
| 97.5°  | 45.5  | 45.0  | 44.5  | 44.0  |
| 100°   | 63.6  | 63.0  | 62.4  | 61.8  |
| 102.5° | 83.1  | 82.8  | 82.5  | 82.2  |
| 105°   | 102.8 | 102.6 | 102.4 | 102.2 |
| 107.5° | 126.1 | 126.0 | 125.9 | 125.8 |
| 110°   | 148.2 | 148.0 | 147.8 | 147.6 |

TEST NUMBER: P1031637

CATALOG NUMBER: S123DIW-B340D460UB27-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|
| 112.5° | 170.6 | 170.5 | 170.4 | 170.3 |
| 115°   | 193.9 | 193.6 | 193.3 | 193.0 |
| 117.5° | 216.5 | 216.4 | 216.3 | 216.2 |
| 120°   | 239.3 | 238.7 | 238.1 | 237.5 |
| 122.5° | 261.0 | 260.6 | 260.2 | 259.8 |
| 125°   | 283.4 | 283.1 | 282.8 | 282.5 |
| 127.5° | 305.2 | 304.5 | 303.9 | 303.3 |
| 130°   | 326.7 | 325.8 | 325.0 | 324.2 |
| 132.5° | 347.6 | 346.7 | 345.9 | 345.1 |
| 135°   | 368.3 | 367.7 | 367.1 | 366.5 |
| 137.5° | 387.5 | 387.0 | 386.5 | 386.0 |
| 140°   | 407.9 | 407.4 | 406.9 | 406.4 |
| 142.5° | 426.6 | 426.1 | 425.6 | 425.1 |
| 145°   | 445.2 | 445.0 | 444.8 | 444.6 |
| 147.5° | 462.6 | 462.2 | 461.8 | 461.4 |
| 150°   | 479.7 | 479.5 | 479.3 | 479.1 |
| 152.5° | 494.5 | 494.2 | 493.9 | 493.6 |
| 155°   | 509.1 | 509.1 | 509.1 | 509.1 |
| 157.5° | 521.9 | 522.0 | 522.1 | 522.2 |
| 160°   | 533.9 | 534.1 | 534.3 | 534.5 |
| 162.5° | 544.5 | 544.8 | 545.1 | 545.4 |
| 165°   | 553.6 | 553.9 | 554.2 | 554.5 |
| 167.5° | 561.0 | 561.4 | 561.8 | 562.2 |
| 170°   | 567.3 | 567.8 | 568.2 | 568.6 |
| 172.5° | 572.3 | 572.7 | 573.1 | 573.5 |
| 175°   | 575.5 | 575.9 | 576.3 | 576.7 |
| 177.5° | 577.3 | 577.7 | 578.1 | 578.5 |
| 180°   | 578.1 | 578.1 | 578.1 | 578.1 |

(END OF REPORT)