

Scaled data based on original data using  
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State  
Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions  
(formerly Eaton)

Brand: FAIL-SAFE

Report Number: P231879

Luminaire Tested: **FVS4WM-2-LD4-50-1STD-P125-UNV-EDC1**

Issue Date: 3/3/2020



**Test Information**

Test Method: LM-79-08  
Report Number: P231879  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1706-121-3)  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: FAIL-SAFE  
Catalog Number: FVS4WM-2-LD4-50-1STD-P125-UNV-EDC1  
Description: FAILSAFE FVS LED FIXTURE  
2FT LENGTH, 1-MODULE LED WITH P125 LENS  
Light Source: (42) 5000K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

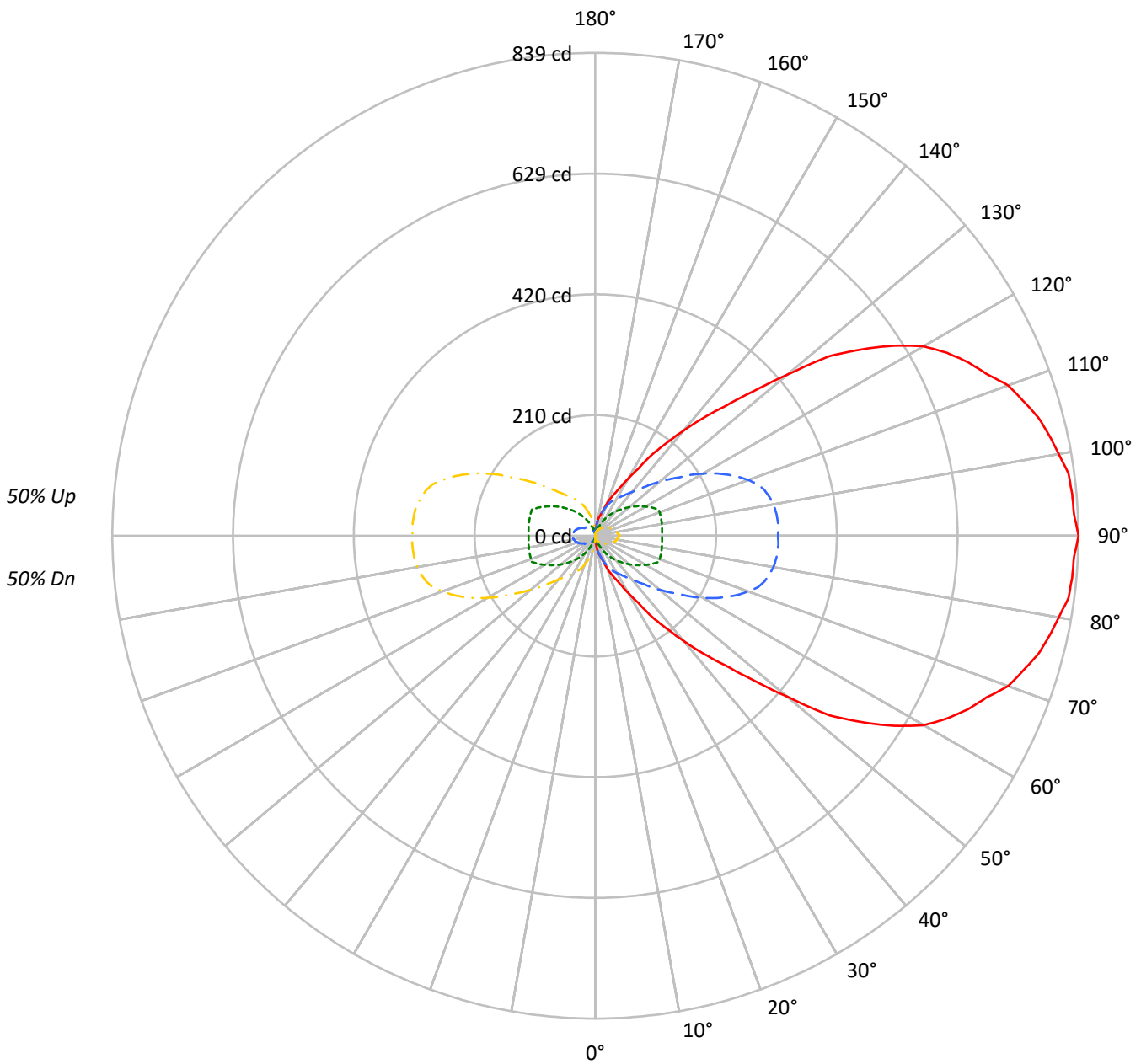
Lumens per Lamp: N/A  
Luminaire Lumens: 1951.1 lumens  
Efficiency: N/A  
Efficacy: 114.8 lumens/watt  
Spacing Criteria (0/90/45): - / - / -  
Luminous Opening: Rectangular w/ Sides (W: 1.92' x L: 0.19' x H: 0.31')  
CIE Type: General Diffuse

Input Watts (W): 16.99  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT

TEST NUMBER: P231879

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### Luminous Intensity Polar Plot



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



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

|     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| RF  | 20  |     |     |     | 20 |    |    |    | 20 |    |    |    | 20 |    |    |    | 20 |    |
| RC  | 80  |     |     |     | 70 |    |    |    | 50 |    |    |    | 30 |    |    |    | 10 | 0  |
| RW  | 70  | 50  | 30  | 10  | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0  |
| RCR |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 0   | 107 | 107 | 107 | 107 | 99 | 99 | 99 | 99 | 83 | 83 | 83 | 69 | 69 | 69 | 56 | 56 | 56 | 50 |
| 1   | 91  | 83  | 77  | 71  | 83 | 76 | 70 | 65 | 62 | 58 | 54 | 50 | 46 | 43 | 38 | 36 | 33 | 28 |
| 2   | 80  | 69  | 60  | 52  | 72 | 63 | 55 | 48 | 51 | 45 | 39 | 40 | 35 | 31 | 30 | 26 | 23 | 18 |
| 3   | 71  | 58  | 48  | 41  | 64 | 53 | 44 | 37 | 43 | 36 | 30 | 33 | 28 | 23 | 24 | 20 | 17 | 12 |
| 4   | 64  | 50  | 40  | 32  | 58 | 46 | 37 | 29 | 37 | 29 | 24 | 28 | 23 | 18 | 21 | 16 | 13 | 9  |
| 5   | 58  | 44  | 34  | 27  | 53 | 40 | 31 | 24 | 32 | 25 | 19 | 25 | 19 | 15 | 18 | 13 | 10 | 6  |
| 6   | 53  | 39  | 29  | 22  | 48 | 35 | 26 | 20 | 28 | 21 | 16 | 22 | 16 | 12 | 16 | 11 | 8  | 5  |
| 7   | 49  | 35  | 25  | 19  | 44 | 31 | 23 | 17 | 25 | 18 | 13 | 20 | 14 | 10 | 14 | 10 | 7  | 4  |
| 8   | 45  | 31  | 22  | 16  | 41 | 28 | 20 | 15 | 23 | 16 | 12 | 18 | 12 | 9  | 13 | 9  | 6  | 3  |
| 9   | 42  | 28  | 20  | 14  | 38 | 26 | 18 | 13 | 21 | 14 | 10 | 16 | 11 | 7  | 12 | 8  | 5  | 2  |
| 10  | 39  | 26  | 18  | 12  | 35 | 23 | 16 | 11 | 19 | 13 | 9  | 15 | 10 | 6  | 11 | 7  | 4  | 2  |

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

|     | 0°    | 90°   | 180° | 270°  |
|-----|-------|-------|------|-------|
| 0°  | 0     | 0     | 0    | 0     |
| 5°  | 441   | 122   | 0    | 122   |
| 10° | 686   | 245   | 0    | 245   |
| 15° | 853   | 368   | 0    | 368   |
| 20° | 1210  | 496   | 0    | 496   |
| 25° | 1529  | 731   | 0    | 731   |
| 30° | 2025  | 1081  | 0    | 1081  |
| 35° | 2907  | 1464  | 0    | 1464  |
| 40° | 3890  | 1892  | 0    | 1892  |
| 45° | 5039  | 2382  | 0    | 2382  |
| 50° | 6783  | 3020  | 0    | 3020  |
| 55° | 8722  | 3787  | 0    | 3787  |
| 60° | 10144 | 4732  | 0    | 4732  |
| 65° | 11061 | 5950  | 0    | 5950  |
| 70° | 11983 | 7191  | 0    | 7191  |
| 75° | 12760 | 8497  | 0    | 8497  |
| 80° | 13487 | 10512 | 0    | 10512 |
| 85° | 14250 | 13981 | 0    | 13981 |



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 0.9    | 0.0       |
| 10°-20°   | 6.1    | 0.3       |
| 20°-30°   | 17.1   | 0.9       |
| 30°-40°   | 38.0   | 1.9       |
| 40°-50°   | 74.5   | 3.8       |
| 50°-60°   | 133.8  | 6.9       |
| 60°-70°   | 197.4  | 10.1      |
| 70°-80°   | 242.3  | 12.4      |
| 80°-90°   | 265.5  | 13.6      |
| 90°-100°  | 265.5  | 13.6      |
| 100°-110° | 242.3  | 12.4      |
| 110°-120° | 197.4  | 10.1      |
| 120°-130° | 133.8  | 6.9       |
| 130°-140° | 74.5   | 3.8       |
| 140°-150° | 38.0   | 1.9       |
| 150°-160° | 17.1   | 0.9       |
| 160°-170° | 6.1    | 0.3       |
| 170°-180° | 0.9    | 0.0       |
| 0°-30°    | 24.1   | 1.2       |
| 0°-40°    | 62.1   | 3.2       |
| 0°-60°    | 270.3  | 13.9      |
| 0°-90°    | 975.5  | 50.0      |
| 90°-120°  | 705.2  | 36.1      |
| 90°-150°  | 951.4  | 48.8      |
| 90°-180°  | 976.0  | 50.0      |
| 0°-180°   | 1951.1 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°  | 90° | 180° | 270° | 360° | Flux |
|------|-----|-----|------|------|------|------|
| 0°   | 0   | 0   | 0    | 0    | 0    |      |
| 5°   | 17  | 4   | 0    | 4    | 17   | 2    |
| 15°  | 40  | 12  | 0    | 12   | 40   | 12   |
| 25°  | 82  | 24  | 0    | 24   | 82   | 40   |
| 35°  | 172 | 45  | 0    | 45   | 172  | 110  |
| 45°  | 317 | 65  | 0    | 65   | 317  | 254  |
| 55°  | 565 | 89  | 0    | 89   | 565  | 504  |
| 65°  | 714 | 113 | 0    | 113  | 714  | 707  |
| 75°  | 796 | 118 | 0    | 118  | 796  | 839  |
| 85°  | 831 | 116 | 0    | 116  | 831  | 677  |
| 90°  | 839 | 116 | 0    | 116  | 839  | 458  |
| 95°  | 831 | 116 | 0    | 116  | 831  | 677  |
| 105° | 796 | 118 | 0    | 118  | 796  | 839  |
| 115° | 714 | 113 | 0    | 113  | 714  | 707  |
| 125° | 565 | 89  | 0    | 89   | 565  | 504  |
| 135° | 317 | 65  | 0    | 65   | 317  | 254  |
| 145° | 172 | 45  | 0    | 45   | 172  | 110  |
| 155° | 82  | 24  | 0    | 24   | 82   | 40   |
| 165° | 40  | 12  | 0    | 12   | 40   | 12   |
| 175° | 17  | 4   | 0    | 4    | 17   | 2    |
| 180° | 0   | 0   | 0    | 0    | 0    |      |



TEST NUMBER: P231879

CATALOG NUMBER: FVS4WM-2-LD4-50-1STD-P125-UNV-EDC1

**CANDELA DISTRIBUTION (FULL):**

|        | 0°    | 2.5°  | 5°    | 7.5°  | 10°   | 12.5° | 15°   | 17.5° | 20°   | 22.5° | 25°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 2.5°   | 7.1   | 7.2   | 7.3   | 7.3   | 7.4   | 7.5   | 7.6   | 7.3   | 7.3   | 7.3   | 7.2   |
| 5°     | 16.8  | 16.9  | 17.1  | 17.2  | 17.3  | 17.0  | 17.0  | 16.9  | 16.7  | 16.6  | 16.4  |
| 7.5°   | 22.1  | 22.3  | 22.6  | 22.8  | 22.8  | 22.9  | 23.0  | 23.0  | 23.0  | 23.0  | 22.9  |
| 10°    | 29.2  | 29.6  | 29.9  | 30.3  | 30.2  | 30.3  | 30.3  | 30.3  | 30.2  | 30.1  | 29.9  |
| 12.5°  | 34.5  | 35.0  | 35.5  | 35.8  | 36.1  | 36.4  | 36.6  | 36.7  | 36.8  | 36.8  | 36.7  |
| 15°    | 39.8  | 40.5  | 41.3  | 41.7  | 42.2  | 42.6  | 42.9  | 43.1  | 43.3  | 43.3  | 43.3  |
| 17.5°  | 47.7  | 48.5  | 49.2  | 49.5  | 50.0  | 50.3  | 50.5  | 50.6  | 50.6  | 50.6  | 50.4  |
| 20°    | 61.0  | 61.5  | 62.0  | 61.6  | 61.5  | 61.2  | 60.8  | 60.3  | 59.8  | 59.1  | 58.4  |
| 22.5°  | 71.6  | 71.9  | 72.2  | 71.7  | 71.4  | 70.9  | 70.4  | 69.8  | 69.0  | 68.2  | 67.4  |
| 25°    | 82.2  | 82.2  | 81.9  | 81.4  | 80.8  | 80.1  | 79.2  | 78.2  | 77.1  | 76.0  | 74.7  |
| 27.5°  | 96.3  | 96.1  | 95.3  | 94.3  | 93.1  | 91.7  | 90.0  | 88.1  | 86.1  | 83.8  | 81.9  |
| 30°    | 114.9 | 114.4 | 113.0 | 111.4 | 109.4 | 107.0 | 104.3 | 101.3 | 98.0  | 94.4  | 91.6  |
| 32.5°  | 137.8 | 137.1 | 135.1 | 132.8 | 129.9 | 126.5 | 122.6 | 118.2 | 113.3 | 108.5 | 104.2 |
| 35°    | 172.3 | 170.9 | 167.4 | 163.5 | 158.8 | 153.3 | 147.1 | 140.2 | 132.8 | 126.5 | 120.1 |
| 37.5°  | 202.3 | 200.8 | 197.3 | 193.3 | 188.3 | 182.3 | 175.4 | 167.6 | 158.9 | 149.9 | 140.4 |
| 40°    | 238.6 | 236.9 | 232.5 | 227.5 | 221.3 | 213.9 | 205.3 | 195.6 | 185.6 | 175.2 | 164.0 |
| 42.5°  | 277.4 | 276.0 | 271.4 | 265.9 | 258.9 | 250.1 | 239.8 | 227.8 | 215.8 | 203.1 | 189.4 |
| 45°    | 317.2 | 316.4 | 312.0 | 306.6 | 299.3 | 289.9 | 278.6 | 266.9 | 250.9 | 234.9 | 218.2 |
| 47.5°  | 370.2 | 369.4 | 363.6 | 356.6 | 347.1 | 335.2 | 321.0 | 305.7 | 289.6 | 271.5 | 254.3 |
| 50°    | 434.7 | 433.6 | 426.0 | 416.7 | 404.4 | 389.2 | 371.2 | 352.6 | 332.7 | 311.5 | 291.8 |
| 52.5°  | 512.4 | 512.0 | 502.7 | 491.0 | 474.7 | 454.0 | 428.9 | 406.2 | 380.6 | 354.6 | 330.6 |
| 55°    | 564.6 | 567.1 | 562.4 | 555.2 | 543.3 | 526.5 | 503.5 | 471.0 | 432.9 | 400.2 | 369.8 |
| 57.5°  | 614.9 | 617.5 | 613.3 | 607.5 | 598.4 | 586.3 | 567.6 | 532.7 | 496.5 | 451.4 | 410.0 |
| 60°    | 658.2 | 659.0 | 654.0 | 648.2 | 640.6 | 631.7 | 612.2 | 581.9 | 544.6 | 501.4 | 456.6 |
| 62.5°  | 688.3 | 688.7 | 686.4 | 681.3 | 673.3 | 662.6 | 645.1 | 620.9 | 586.0 | 545.0 | 497.7 |
| 65°    | 713.9 | 713.8 | 711.5 | 707.4 | 701.7 | 693.3 | 677.0 | 654.9 | 623.3 | 582.7 | 534.5 |
| 67.5°  | 735.1 | 736.3 | 734.8 | 730.6 | 723.4 | 716.6 | 706.8 | 688.8 | 660.6 | 619.9 | 570.1 |
| 70°    | 763.4 | 761.9 | 758.0 | 752.6 | 747.0 | 738.7 | 729.5 | 716.0 | 694.6 | 655.7 | 602.7 |
| 72.5°  | 779.3 | 778.8 | 775.8 | 770.5 | 765.9 | 757.5 | 748.0 | 737.5 | 717.2 | 681.3 | 630.1 |
| 75°    | 796.1 | 793.8 | 789.7 | 785.5 | 780.2 | 773.1 | 763.7 | 751.3 | 735.6 | 702.7 | 652.5 |
| 77.5°  | 807.5 | 806.3 | 802.2 | 797.1 | 791.3 | 784.8 | 775.5 | 763.2 | 747.7 | 721.6 | 674.0 |
| 80°    | 817.3 | 816.1 | 812.8 | 808.7 | 801.3 | 793.5 | 784.8 | 772.8 | 759.3 | 737.1 | 690.2 |
| 82.5°  | 828.8 | 825.1 | 820.5 | 814.7 | 809.1 | 800.8 | 792.3 | 779.7 | 765.7 | 745.4 | 704.3 |
| 85°    | 831.4 | 830.6 | 827.6 | 820.8 | 814.3 | 805.4 | 796.9 | 784.4 | 769.7 | 751.9 | 714.4 |
| 87.5°  | 832.3 | 836.5 | 831.3 | 822.8 | 817.0 | 806.9 | 799.4 | 786.2 | 772.2 | 756.5 | 719.5 |
| 90°    | 839.4 | 831.4 | 828.8 | 823.5 | 815.5 | 806.7 | 800.5 | 785.5 | 773.1 | 758.1 | 719.2 |
| 92.5°  | 832.3 | 836.5 | 831.3 | 822.8 | 817.0 | 806.9 | 799.4 | 786.2 | 772.2 | 756.5 | 719.5 |
| 95°    | 831.4 | 830.6 | 827.6 | 820.8 | 814.3 | 805.4 | 796.9 | 784.4 | 769.7 | 751.9 | 714.4 |
| 97.5°  | 828.8 | 825.1 | 820.5 | 814.7 | 809.1 | 800.8 | 792.3 | 779.7 | 765.7 | 745.4 | 704.3 |
| 100°   | 817.3 | 816.1 | 812.8 | 808.7 | 801.3 | 793.5 | 784.8 | 772.8 | 759.3 | 737.1 | 690.2 |
| 102.5° | 807.5 | 806.3 | 802.2 | 797.1 | 791.3 | 784.8 | 775.5 | 763.2 | 747.7 | 721.6 | 674.0 |
| 105°   | 796.1 | 793.8 | 789.7 | 785.5 | 780.2 | 773.1 | 763.7 | 751.3 | 735.6 | 702.7 | 652.5 |
| 107.5° | 779.3 | 778.8 | 775.8 | 770.5 | 765.9 | 757.5 | 748.0 | 737.5 | 717.2 | 681.3 | 630.1 |
| 110°   | 763.4 | 761.9 | 758.0 | 752.6 | 747.0 | 738.7 | 729.5 | 716.0 | 694.6 | 655.7 | 602.7 |



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**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 2.5°  | 5°    | 7.5°  | 10°   | 12.5° | 15°   | 17.5° | 20°   | 22.5° | 25°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 735.1 | 736.3 | 734.8 | 730.6 | 723.4 | 716.6 | 706.8 | 688.8 | 660.6 | 619.9 | 570.1 |
| 115°   | 713.9 | 713.8 | 711.5 | 707.4 | 701.7 | 693.3 | 677.0 | 654.9 | 623.3 | 582.7 | 534.5 |
| 117.5° | 688.3 | 688.7 | 686.4 | 681.3 | 673.3 | 662.6 | 645.1 | 620.9 | 586.0 | 545.0 | 497.7 |
| 120°   | 658.2 | 659.0 | 654.0 | 648.2 | 640.6 | 631.7 | 612.2 | 581.9 | 544.6 | 501.4 | 456.6 |
| 122.5° | 614.9 | 617.5 | 613.3 | 607.5 | 598.4 | 586.3 | 567.6 | 532.7 | 496.5 | 451.4 | 410.0 |
| 125°   | 564.6 | 567.1 | 562.4 | 555.2 | 543.3 | 526.5 | 503.5 | 471.0 | 432.9 | 400.2 | 369.8 |
| 127.5° | 512.4 | 512.0 | 502.7 | 491.0 | 474.7 | 454.0 | 428.9 | 406.2 | 380.6 | 354.6 | 330.6 |
| 130°   | 434.7 | 433.6 | 426.0 | 416.7 | 404.4 | 389.2 | 371.2 | 352.6 | 332.7 | 311.5 | 291.8 |
| 132.5° | 370.2 | 369.4 | 363.6 | 356.6 | 347.1 | 335.2 | 321.0 | 305.7 | 289.6 | 271.5 | 254.3 |
| 135°   | 317.2 | 316.4 | 312.0 | 306.6 | 299.3 | 289.9 | 278.6 | 266.9 | 250.9 | 234.9 | 218.2 |
| 137.5° | 277.4 | 276.0 | 271.4 | 265.9 | 258.9 | 250.1 | 239.8 | 227.8 | 215.8 | 203.1 | 189.4 |
| 140°   | 238.6 | 236.9 | 232.5 | 227.5 | 221.3 | 213.9 | 205.3 | 195.6 | 185.6 | 175.2 | 164.0 |
| 142.5° | 202.3 | 200.8 | 197.3 | 193.3 | 188.3 | 182.3 | 175.4 | 167.6 | 158.9 | 149.9 | 140.4 |
| 145°   | 172.3 | 170.9 | 167.4 | 163.5 | 158.8 | 153.3 | 147.1 | 140.2 | 132.8 | 126.5 | 120.1 |
| 147.5° | 137.8 | 137.1 | 135.1 | 132.8 | 129.9 | 126.5 | 122.6 | 118.2 | 113.3 | 108.5 | 104.2 |
| 150°   | 114.9 | 114.4 | 113.0 | 111.4 | 109.4 | 107.0 | 104.3 | 101.3 | 98.0  | 94.4  | 91.6  |
| 152.5° | 96.3  | 96.1  | 95.3  | 94.3  | 93.1  | 91.7  | 90.0  | 88.1  | 86.1  | 83.8  | 81.9  |
| 155°   | 82.2  | 82.2  | 81.9  | 81.4  | 80.8  | 80.1  | 79.2  | 78.2  | 77.1  | 76.0  | 74.7  |
| 157.5° | 71.6  | 71.9  | 72.2  | 71.7  | 71.4  | 70.9  | 70.4  | 69.8  | 69.0  | 68.2  | 67.4  |
| 160°   | 61.0  | 61.5  | 62.0  | 61.6  | 61.5  | 61.2  | 60.8  | 60.3  | 59.8  | 59.1  | 58.4  |
| 162.5° | 47.7  | 48.5  | 49.2  | 49.5  | 50.0  | 50.3  | 50.5  | 50.6  | 50.6  | 50.6  | 50.4  |
| 165°   | 39.8  | 40.5  | 41.3  | 41.7  | 42.2  | 42.6  | 42.9  | 43.1  | 43.3  | 43.3  | 43.3  |
| 167.5° | 34.5  | 35.0  | 35.5  | 35.8  | 36.1  | 36.4  | 36.6  | 36.7  | 36.8  | 36.8  | 36.7  |
| 170°   | 29.2  | 29.6  | 29.9  | 30.3  | 30.2  | 30.3  | 30.3  | 30.3  | 30.2  | 30.1  | 29.9  |
| 172.5° | 22.1  | 22.3  | 22.6  | 22.8  | 22.8  | 22.9  | 23.0  | 23.0  | 23.0  | 23.0  | 22.9  |
| 175°   | 16.8  | 16.9  | 17.1  | 17.2  | 17.3  | 17.0  | 17.0  | 16.9  | 16.7  | 16.6  | 16.4  |
| 177.5° | 7.1   | 7.2   | 7.3   | 7.3   | 7.4   | 7.5   | 7.6   | 7.3   | 7.3   | 7.3   | 7.2   |
| 180°   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |



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CATALOG NUMBER: FVS4WM-2-LD4-50-1STD-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

|        | 27.5° | 30°   | 32.5° | 35°   | 37.5° | 40°   | 42.5° | 45°   | 47.5° | 50°   | 52.5° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 2.5°   | 7.2   | 7.1   | 7.0   | 6.9   | 6.8   | 6.7   | 6.5   | 6.4   | 6.2   | 6.0   | 5.9   |
| 5°     | 16.1  | 15.8  | 15.5  | 15.2  | 14.8  | 14.5  | 14.0  | 13.6  | 13.1  | 12.6  | 12.1  |
| 7.5°   | 22.8  | 22.6  | 22.4  | 22.2  | 21.9  | 21.6  | 21.2  | 20.8  | 20.4  | 19.7  | 18.9  |
| 10°    | 29.6  | 29.3  | 28.9  | 28.5  | 27.9  | 27.4  | 26.8  | 26.3  | 25.7  | 25.1  | 24.5  |
| 12.5°  | 36.6  | 36.3  | 36.1  | 35.7  | 35.2  | 34.5  | 33.7  | 32.8  | 31.9  | 30.9  | 29.8  |
| 15°    | 43.1  | 42.9  | 42.5  | 42.1  | 41.6  | 41.0  | 40.3  | 39.5  | 38.6  | 37.4  | 36.1  |
| 17.5°  | 50.2  | 49.9  | 49.5  | 49.0  | 48.4  | 47.6  | 46.7  | 45.7  | 44.7  | 43.5  | 42.3  |
| 20°    | 57.7  | 57.1  | 56.6  | 56.1  | 55.4  | 54.7  | 53.8  | 52.6  | 51.3  | 49.8  | 48.3  |
| 22.5°  | 66.4  | 65.3  | 64.2  | 63.1  | 62.1  | 61.2  | 60.3  | 59.4  | 58.4  | 56.7  | 54.8  |
| 25°    | 73.5  | 72.3  | 71.1  | 69.9  | 68.6  | 67.4  | 66.4  | 65.4  | 64.3  | 63.1  | 62.1  |
| 27.5°  | 80.3  | 78.7  | 77.1  | 75.5  | 74.1  | 72.7  | 71.6  | 70.4  | 69.4  | 68.5  | 67.2  |
| 30°    | 88.7  | 85.7  | 82.9  | 80.9  | 79.0  | 77.3  | 75.8  | 74.4  | 73.6  | 73.3  | 73.0  |
| 32.5°  | 99.7  | 94.9  | 91.1  | 87.5  | 84.0  | 81.6  | 80.5  | 79.5  | 78.7  | 77.9  | 77.5  |
| 35°    | 113.4 | 106.8 | 101.4 | 95.9  | 91.7  | 89.0  | 86.3  | 85.1  | 83.9  | 82.9  | 82.0  |
| 37.5°  | 130.6 | 122.3 | 114.2 | 108.1 | 103.0 | 98.1  | 94.6  | 91.5  | 89.3  | 87.9  | 86.7  |
| 40°    | 152.2 | 141.5 | 132.2 | 124.2 | 116.5 | 109.6 | 104.1 | 99.2  | 95.8  | 93.2  | 91.5  |
| 42.5°  | 176.5 | 165.3 | 153.9 | 143.3 | 133.2 | 123.8 | 114.9 | 108.7 | 103.0 | 99.3  | 96.6  |
| 45°    | 205.1 | 191.1 | 177.7 | 164.2 | 151.7 | 139.4 | 129.1 | 118.9 | 112.1 | 106.0 | 102.1 |
| 47.5°  | 236.7 | 219.2 | 203.1 | 186.9 | 171.9 | 157.4 | 144.0 | 132.4 | 121.6 | 114.1 | 108.3 |
| 50°    | 270.9 | 250.5 | 230.0 | 211.4 | 193.7 | 176.4 | 160.5 | 146.0 | 133.7 | 123.0 | 114.9 |
| 52.5°  | 306.5 | 282.9 | 259.2 | 236.8 | 215.9 | 196.3 | 177.7 | 161.1 | 146.5 | 133.2 | 125.7 |
| 55°    | 342.0 | 315.6 | 289.4 | 263.1 | 239.1 | 216.5 | 195.1 | 176.6 | 162.3 | 150.3 | 141.0 |
| 57.5°  | 377.2 | 346.4 | 318.8 | 290.4 | 262.5 | 237.4 | 215.8 | 196.6 | 180.1 | 166.8 | 156.5 |
| 60°    | 412.1 | 376.7 | 344.9 | 316.6 | 287.4 | 260.9 | 237.0 | 215.6 | 197.8 | 183.1 | 171.5 |
| 62.5°  | 450.4 | 405.3 | 370.1 | 339.4 | 311.4 | 282.6 | 257.4 | 234.6 | 214.6 | 198.1 | 185.7 |
| 65°    | 483.9 | 437.0 | 394.1 | 360.2 | 331.0 | 303.0 | 276.1 | 251.7 | 230.4 | 213.0 | 199.7 |
| 67.5°  | 517.2 | 466.3 | 419.7 | 379.9 | 347.3 | 320.1 | 293.0 | 268.1 | 245.9 | 227.2 | 212.6 |
| 70°    | 548.0 | 493.8 | 442.7 | 397.5 | 362.5 | 333.8 | 307.7 | 282.8 | 259.8 | 240.1 | 224.4 |
| 72.5°  | 573.5 | 517.6 | 462.8 | 414.3 | 375.5 | 344.8 | 319.6 | 296.7 | 272.2 | 252.2 | 236.1 |
| 75°    | 594.1 | 536.7 | 480.9 | 426.7 | 385.6 | 353.9 | 328.3 | 304.6 | 281.3 | 261.6 | 246.1 |
| 77.5°  | 609.8 | 550.8 | 494.9 | 440.2 | 395.6 | 360.5 | 333.2 | 310.1 | 288.0 | 269.1 | 254.9 |
| 80°    | 626.5 | 565.8 | 510.0 | 454.0 | 403.9 | 365.3 | 336.4 | 314.0 | 293.1 | 275.1 | 262.6 |
| 82.5°  | 642.7 | 578.7 | 521.7 | 464.6 | 410.4 | 368.5 | 338.0 | 316.5 | 296.7 | 279.7 | 269.4 |
| 85°    | 652.7 | 587.0 | 529.8 | 471.8 | 414.7 | 369.9 | 338.2 | 317.8 | 299.2 | 283.4 | 275.4 |
| 87.5°  | 656.6 | 593.0 | 536.2 | 477.2 | 418.0 | 370.4 | 337.5 | 318.3 | 300.9 | 286.5 | 281.1 |
| 90°    | 654.7 | 590.2 | 534.5 | 475.3 | 416.1 | 367.5 | 334.9 | 317.2 | 301.3 | 288.9 | 286.3 |
| 92.5°  | 656.6 | 593.0 | 536.2 | 477.2 | 418.0 | 370.4 | 337.5 | 318.3 | 300.9 | 286.5 | 281.1 |
| 95°    | 652.7 | 587.0 | 529.8 | 471.8 | 414.7 | 369.9 | 338.2 | 317.8 | 299.2 | 283.4 | 275.4 |
| 97.5°  | 642.7 | 578.7 | 521.7 | 464.6 | 410.4 | 368.5 | 338.0 | 316.5 | 296.7 | 279.7 | 269.4 |
| 100°   | 626.5 | 565.8 | 510.0 | 454.0 | 403.9 | 365.3 | 336.4 | 314.0 | 293.1 | 275.1 | 262.6 |
| 102.5° | 609.8 | 550.8 | 494.9 | 440.2 | 395.6 | 360.5 | 333.2 | 310.1 | 288.0 | 269.1 | 254.9 |
| 105°   | 594.1 | 536.7 | 480.9 | 426.7 | 385.6 | 353.9 | 328.3 | 304.6 | 281.3 | 261.6 | 246.1 |
| 107.5° | 573.5 | 517.6 | 462.8 | 414.3 | 375.5 | 344.8 | 319.6 | 296.7 | 272.2 | 252.2 | 236.1 |
| 110°   | 548.0 | 493.8 | 442.7 | 397.5 | 362.5 | 333.8 | 307.7 | 282.8 | 259.8 | 240.1 | 224.4 |





TEST NUMBER: P231879

CATALOG NUMBER: FVS4WM-2-LD4-50-1STD-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

|        | 27.5° | 30°   | 32.5° | 35°   | 37.5° | 40°   | 42.5° | 45°   | 47.5° | 50°   | 52.5° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 517.2 | 466.3 | 419.7 | 379.9 | 347.3 | 320.1 | 293.0 | 268.1 | 245.9 | 227.2 | 212.6 |
| 115°   | 483.9 | 437.0 | 394.1 | 360.2 | 331.0 | 303.0 | 276.1 | 251.7 | 230.4 | 213.0 | 199.7 |
| 117.5° | 450.4 | 405.3 | 370.1 | 339.4 | 311.4 | 282.6 | 257.4 | 234.6 | 214.6 | 198.1 | 185.7 |
| 120°   | 412.1 | 376.7 | 344.9 | 316.6 | 287.4 | 260.9 | 237.0 | 215.6 | 197.8 | 183.1 | 171.5 |
| 122.5° | 377.2 | 346.4 | 318.8 | 290.4 | 262.5 | 237.4 | 215.8 | 196.6 | 180.1 | 166.8 | 156.5 |
| 125°   | 342.0 | 315.6 | 289.4 | 263.1 | 239.1 | 216.5 | 195.1 | 176.6 | 162.3 | 150.3 | 141.0 |
| 127.5° | 306.5 | 282.9 | 259.2 | 236.8 | 215.9 | 196.3 | 177.7 | 161.1 | 146.5 | 133.2 | 125.7 |
| 130°   | 270.9 | 250.5 | 230.0 | 211.4 | 193.7 | 176.4 | 160.5 | 146.0 | 133.7 | 123.0 | 114.9 |
| 132.5° | 236.7 | 219.2 | 203.1 | 186.9 | 171.9 | 157.4 | 144.0 | 132.4 | 121.6 | 114.1 | 108.3 |
| 135°   | 205.1 | 191.1 | 177.7 | 164.2 | 151.7 | 139.4 | 129.1 | 118.9 | 112.1 | 106.0 | 102.1 |
| 137.5° | 176.5 | 165.3 | 153.9 | 143.3 | 133.2 | 123.8 | 114.9 | 108.7 | 103.0 | 99.3  | 96.6  |
| 140°   | 152.2 | 141.5 | 132.2 | 124.2 | 116.5 | 109.6 | 104.1 | 99.2  | 95.8  | 93.2  | 91.5  |
| 142.5° | 130.6 | 122.3 | 114.2 | 108.1 | 103.0 | 98.1  | 94.6  | 91.5  | 89.3  | 87.9  | 86.7  |
| 145°   | 113.4 | 106.8 | 101.4 | 95.9  | 91.7  | 89.0  | 86.3  | 85.1  | 83.9  | 82.9  | 82.0  |
| 147.5° | 99.7  | 94.9  | 91.1  | 87.5  | 84.0  | 81.6  | 80.5  | 79.5  | 78.7  | 77.9  | 77.5  |
| 150°   | 88.7  | 85.7  | 82.9  | 80.9  | 79.0  | 77.3  | 75.8  | 74.4  | 73.6  | 73.3  | 73.0  |
| 152.5° | 80.3  | 78.7  | 77.1  | 75.5  | 74.1  | 72.7  | 71.6  | 70.4  | 69.4  | 68.5  | 67.2  |
| 155°   | 73.5  | 72.3  | 71.1  | 69.9  | 68.6  | 67.4  | 66.4  | 65.4  | 64.3  | 63.1  | 62.1  |
| 157.5° | 66.4  | 65.3  | 64.2  | 63.1  | 62.1  | 61.2  | 60.3  | 59.4  | 58.4  | 56.7  | 54.8  |
| 160°   | 57.7  | 57.1  | 56.6  | 56.1  | 55.4  | 54.7  | 53.8  | 52.6  | 51.3  | 49.8  | 48.3  |
| 162.5° | 50.2  | 49.9  | 49.5  | 49.0  | 48.4  | 47.6  | 46.7  | 45.7  | 44.7  | 43.5  | 42.3  |
| 165°   | 43.1  | 42.9  | 42.5  | 42.1  | 41.6  | 41.0  | 40.3  | 39.5  | 38.6  | 37.4  | 36.1  |
| 167.5° | 36.6  | 36.3  | 36.1  | 35.7  | 35.2  | 34.5  | 33.7  | 32.8  | 31.9  | 30.9  | 29.8  |
| 170°   | 29.6  | 29.3  | 28.9  | 28.5  | 27.9  | 27.4  | 26.8  | 26.3  | 25.7  | 25.1  | 24.5  |
| 172.5° | 22.8  | 22.6  | 22.4  | 22.2  | 21.9  | 21.6  | 21.2  | 20.8  | 20.4  | 19.7  | 18.9  |
| 175°   | 16.1  | 15.8  | 15.5  | 15.2  | 14.8  | 14.5  | 14.0  | 13.6  | 13.1  | 12.6  | 12.1  |
| 177.5° | 7.2   | 7.1   | 7.0   | 6.9   | 6.8   | 6.7   | 6.5   | 6.4   | 6.2   | 6.0   | 5.9   |
| 180°   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |



TEST NUMBER: P231879

CATALOG NUMBER: FVS4WM-2-LD4-50-1STD-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

|        | 55°   | 57.5° | 60°   | 62.5° | 65°   | 67.5° | 70°   | 72.5° | 75°   | 77.5° | 80°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 2.5°   | 5.7   | 5.5   | 5.3   | 5.0   | 4.8   | 4.6   | 4.3   | 4.0   | 3.8   | 3.5   | 3.2   |
| 5°     | 11.5  | 10.9  | 10.3  | 9.9   | 9.4   | 9.0   | 8.5   | 8.0   | 7.5   | 6.9   | 6.4   |
| 7.5°   | 18.1  | 17.3  | 16.4  | 15.5  | 14.5  | 13.6  | 12.6  | 11.8  | 11.0  | 10.3  | 9.5   |
| 10°    | 23.8  | 23.0  | 22.2  | 21.0  | 19.8  | 18.5  | 17.2  | 15.9  | 14.6  | 13.5  | 12.5  |
| 12.5°  | 28.8  | 27.8  | 26.8  | 25.7  | 24.6  | 23.2  | 21.7  | 20.1  | 18.5  | 16.8  | 15.4  |
| 15°    | 34.7  | 33.2  | 31.9  | 30.3  | 28.9  | 27.4  | 25.9  | 24.1  | 22.2  | 20.3  | 18.4  |
| 17.5°  | 41.1  | 39.1  | 37.3  | 35.4  | 33.4  | 31.6  | 29.8  | 27.8  | 25.8  | 23.6  | 21.5  |
| 20°    | 46.7  | 45.0  | 43.1  | 40.8  | 38.5  | 36.0  | 33.8  | 31.5  | 29.2  | 26.8  | 24.5  |
| 22.5°  | 52.7  | 50.7  | 48.6  | 46.3  | 43.7  | 40.9  | 38.1  | 35.4  | 32.6  | 29.9  | 27.4  |
| 25°    | 59.4  | 56.9  | 54.3  | 51.7  | 49.3  | 46.7  | 43.9  | 41.0  | 38.3  | 35.4  | 32.8  |
| 27.5°  | 66.1  | 64.1  | 61.6  | 59.0  | 56.4  | 53.8  | 50.8  | 47.7  | 44.6  | 41.6  | 38.6  |
| 30°    | 72.0  | 70.8  | 68.9  | 66.2  | 63.4  | 60.5  | 57.5  | 54.3  | 51.2  | 47.7  | 44.3  |
| 32.5°  | 77.2  | 76.4  | 75.1  | 73.0  | 70.2  | 67.2  | 64.0  | 60.7  | 57.2  | 53.7  | 50.1  |
| 35°    | 81.5  | 81.3  | 80.4  | 79.1  | 76.6  | 73.7  | 70.4  | 67.1  | 63.3  | 59.7  | 55.8  |
| 37.5°  | 85.7  | 85.3  | 85.2  | 84.1  | 82.9  | 79.8  | 76.7  | 73.0  | 69.3  | 65.5  | 61.5  |
| 40°    | 90.2  | 89.2  | 89.0  | 88.9  | 87.6  | 85.6  | 82.8  | 79.0  | 75.1  | 71.3  | 67.2  |
| 42.5°  | 94.7  | 93.5  | 92.6  | 92.9  | 92.3  | 91.0  | 88.3  | 84.9  | 80.8  | 76.9  | 72.8  |
| 45°    | 99.6  | 97.7  | 96.6  | 96.3  | 96.7  | 95.5  | 93.5  | 90.8  | 86.4  | 82.4  | 78.3  |
| 47.5°  | 104.3 | 102.2 | 100.6 | 99.6  | 100.3 | 100.7 | 101.0 | 100.2 | 97.5  | 94.3  | 90.5  |
| 50°    | 110.1 | 107.2 | 107.1 | 108.2 | 110.5 | 113.0 | 114.0 | 113.8 | 112.1 | 108.8 | 104.3 |
| 52.5°  | 120.8 | 119.0 | 118.7 | 119.5 | 121.6 | 124.9 | 126.5 | 127.1 | 126.4 | 123.5 | 118.2 |
| 55°    | 134.4 | 131.4 | 130.2 | 130.2 | 132.6 | 136.2 | 138.7 | 140.1 | 140.5 | 138.1 | 132.2 |
| 57.5°  | 148.7 | 143.5 | 141.8 | 141.3 | 143.6 | 147.2 | 150.7 | 152.8 | 154.3 | 152.3 | 146.3 |
| 60°    | 162.6 | 155.9 | 153.6 | 152.7 | 154.2 | 158.2 | 162.5 | 165.3 | 167.4 | 166.4 | 160.5 |
| 62.5°  | 176.6 | 169.4 | 165.3 | 164.0 | 164.5 | 168.9 | 174.1 | 177.4 | 180.3 | 180.3 | 174.9 |
| 65°    | 190.0 | 182.5 | 176.8 | 175.3 | 174.6 | 179.7 | 185.2 | 189.5 | 193.1 | 194.2 | 189.2 |
| 67.5°  | 202.4 | 195.2 | 188.2 | 186.6 | 185.8 | 190.3 | 196.3 | 201.4 | 205.7 | 207.9 | 203.6 |
| 70°    | 214.2 | 207.5 | 200.6 | 197.6 | 196.1 | 199.1 | 204.5 | 209.0 | 212.3 | 212.9 | 206.6 |
| 72.5°  | 225.0 | 217.1 | 209.7 | 205.2 | 203.7 | 205.6 | 210.0 | 214.0 | 217.0 | 216.2 | 208.1 |
| 75°    | 234.4 | 225.5 | 218.1 | 212.8 | 211.0 | 212.4 | 215.9 | 219.1 | 222.0 | 219.7 | 209.7 |
| 77.5°  | 243.5 | 233.9 | 226.1 | 220.4 | 218.2 | 219.4 | 222.0 | 224.3 | 227.1 | 223.5 | 211.3 |
| 80°    | 252.2 | 242.1 | 233.9 | 228.1 | 225.2 | 226.7 | 228.3 | 229.5 | 232.5 | 227.4 | 212.9 |
| 82.5°  | 260.5 | 250.2 | 241.3 | 235.6 | 232.1 | 234.2 | 234.7 | 234.8 | 238.0 | 231.4 | 215.2 |
| 85°    | 268.6 | 258.0 | 248.5 | 243.2 | 238.9 | 241.8 | 241.3 | 240.0 | 243.7 | 235.8 | 216.2 |
| 87.5°  | 276.4 | 265.8 | 255.6 | 250.7 | 245.8 | 249.5 | 247.9 | 245.4 | 249.1 | 239.4 | 217.2 |
| 90°    | 283.6 | 273.0 | 262.4 | 258.0 | 252.7 | 257.1 | 254.5 | 250.9 | 254.5 | 243.0 | 218.2 |
| 92.5°  | 276.4 | 265.8 | 255.6 | 250.7 | 245.8 | 249.5 | 247.9 | 245.4 | 249.1 | 239.4 | 217.2 |
| 95°    | 268.6 | 258.0 | 248.5 | 243.2 | 238.9 | 241.8 | 241.3 | 240.0 | 243.7 | 235.8 | 216.2 |
| 97.5°  | 260.5 | 250.2 | 241.3 | 235.6 | 232.1 | 234.2 | 234.7 | 234.8 | 238.0 | 231.4 | 215.2 |
| 100°   | 252.2 | 242.1 | 233.9 | 228.1 | 225.2 | 226.7 | 228.3 | 229.5 | 232.5 | 227.4 | 212.9 |
| 102.5° | 243.5 | 233.9 | 226.1 | 220.4 | 218.2 | 219.4 | 222.0 | 224.3 | 227.1 | 223.5 | 211.3 |
| 105°   | 234.4 | 225.5 | 218.1 | 212.8 | 211.0 | 212.4 | 215.9 | 219.1 | 222.0 | 219.7 | 209.7 |
| 107.5° | 225.0 | 217.1 | 209.7 | 205.2 | 203.7 | 205.6 | 210.0 | 214.0 | 217.0 | 216.2 | 208.1 |
| 110°   | 214.2 | 207.5 | 200.6 | 197.6 | 196.1 | 199.1 | 204.5 | 209.0 | 212.3 | 212.9 | 206.6 |



TEST NUMBER: P231879

CATALOG NUMBER: FVS4WM-2-LD4-50-1STD-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

|        | 55°   | 57.5° | 60°   | 62.5° | 65°   | 67.5° | 70°   | 72.5° | 75°   | 77.5° | 80°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 202.4 | 195.2 | 188.2 | 186.6 | 185.8 | 190.3 | 196.3 | 201.4 | 205.7 | 207.9 | 203.6 |
| 115°   | 190.0 | 182.5 | 176.8 | 175.3 | 174.6 | 179.7 | 185.2 | 189.5 | 193.1 | 194.2 | 189.2 |
| 117.5° | 176.6 | 169.4 | 165.3 | 164.0 | 164.5 | 168.9 | 174.1 | 177.4 | 180.3 | 180.3 | 174.9 |
| 120°   | 162.6 | 155.9 | 153.6 | 152.7 | 154.2 | 158.2 | 162.5 | 165.3 | 167.4 | 166.4 | 160.5 |
| 122.5° | 148.7 | 143.5 | 141.8 | 141.3 | 143.6 | 147.2 | 150.7 | 152.8 | 154.3 | 152.3 | 146.3 |
| 125°   | 134.4 | 131.4 | 130.2 | 130.2 | 132.6 | 136.2 | 138.7 | 140.1 | 140.5 | 138.1 | 132.2 |
| 127.5° | 120.8 | 119.0 | 118.7 | 119.5 | 121.6 | 124.9 | 126.5 | 127.1 | 126.4 | 123.5 | 118.2 |
| 130°   | 110.1 | 107.2 | 107.1 | 108.2 | 110.5 | 113.0 | 114.0 | 113.8 | 112.1 | 108.8 | 104.3 |
| 132.5° | 104.3 | 102.2 | 100.6 | 99.6  | 100.3 | 100.7 | 101.0 | 100.2 | 97.5  | 94.3  | 90.5  |
| 135°   | 99.6  | 97.7  | 96.6  | 96.3  | 96.7  | 95.5  | 93.5  | 90.8  | 86.4  | 82.4  | 78.3  |
| 137.5° | 94.7  | 93.5  | 92.6  | 92.9  | 92.3  | 91.0  | 88.3  | 84.9  | 80.8  | 76.9  | 72.8  |
| 140°   | 90.2  | 89.2  | 89.0  | 88.9  | 87.6  | 85.6  | 82.8  | 79.0  | 75.1  | 71.3  | 67.2  |
| 142.5° | 85.7  | 85.3  | 85.2  | 84.1  | 82.9  | 79.8  | 76.7  | 73.0  | 69.3  | 65.5  | 61.5  |
| 145°   | 81.5  | 81.3  | 80.4  | 79.1  | 76.6  | 73.7  | 70.4  | 67.1  | 63.3  | 59.7  | 55.8  |
| 147.5° | 77.2  | 76.4  | 75.1  | 73.0  | 70.2  | 67.2  | 64.0  | 60.7  | 57.2  | 53.7  | 50.1  |
| 150°   | 72.0  | 70.8  | 68.9  | 66.2  | 63.4  | 60.5  | 57.5  | 54.3  | 51.2  | 47.7  | 44.3  |
| 152.5° | 66.1  | 64.1  | 61.6  | 59.0  | 56.4  | 53.8  | 50.8  | 47.7  | 44.6  | 41.6  | 38.6  |
| 155°   | 59.4  | 56.9  | 54.3  | 51.7  | 49.3  | 46.7  | 43.9  | 41.0  | 38.3  | 35.4  | 32.8  |
| 157.5° | 52.7  | 50.7  | 48.6  | 46.3  | 43.7  | 40.9  | 38.1  | 35.4  | 32.6  | 29.9  | 27.4  |
| 160°   | 46.7  | 45.0  | 43.1  | 40.8  | 38.5  | 36.0  | 33.8  | 31.5  | 29.2  | 26.8  | 24.5  |
| 162.5° | 41.1  | 39.1  | 37.3  | 35.4  | 33.4  | 31.6  | 29.8  | 27.8  | 25.8  | 23.6  | 21.5  |
| 165°   | 34.7  | 33.2  | 31.9  | 30.3  | 28.9  | 27.4  | 25.9  | 24.1  | 22.2  | 20.3  | 18.4  |
| 167.5° | 28.8  | 27.8  | 26.8  | 25.7  | 24.6  | 23.2  | 21.7  | 20.1  | 18.5  | 16.8  | 15.4  |
| 170°   | 23.8  | 23.0  | 22.2  | 21.0  | 19.8  | 18.5  | 17.2  | 15.9  | 14.6  | 13.5  | 12.5  |
| 172.5° | 18.1  | 17.3  | 16.4  | 15.5  | 14.5  | 13.6  | 12.6  | 11.8  | 11.0  | 10.3  | 9.5   |
| 175°   | 11.5  | 10.9  | 10.3  | 9.9   | 9.4   | 9.0   | 8.5   | 8.0   | 7.5   | 6.9   | 6.4   |
| 177.5° | 5.7   | 5.5   | 5.3   | 5.0   | 4.8   | 4.6   | 4.3   | 4.0   | 3.8   | 3.5   | 3.2   |
| 180°   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |



TEST NUMBER: P231879

CATALOG NUMBER: FVS4WM-2-LD4-50-1STD-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

|        | 82.5° | 85°   | 87.5° | 90°   | 92.5° | 95°  | 97.5° | 100° | 102.5° | 105° | 107.5° |
|--------|-------|-------|-------|-------|-------|------|-------|------|--------|------|--------|
| 0°     | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0  | 0.0   | 0.0  | 0.0    | 0.0  | 0.0    |
| 2.5°   | 2.9   | 2.7   | 2.4   | 2.1   | 2.1   | 2.0  | 2.0   | 2.0  | 2.0    | 1.9  | 1.9    |
| 5°     | 5.8   | 5.3   | 4.7   | 4.1   | 4.1   | 4.0  | 4.0   | 3.9  | 3.9    | 3.8  | 3.7    |
| 7.5°   | 8.7   | 7.9   | 7.0   | 6.2   | 6.1   | 6.0  | 5.9   | 5.8  | 5.7    | 5.5  | 5.4    |
| 10°    | 11.5  | 10.4  | 9.4   | 8.3   | 8.1   | 8.0  | 7.8   | 7.6  | 7.4    | 7.2  | 7.1    |
| 12.5°  | 14.2  | 12.9  | 11.6  | 10.3  | 10.1  | 9.9  | 9.6   | 9.3  | 9.1    | 8.9  | 8.7    |
| 15°    | 16.9  | 15.4  | 13.9  | 12.4  | 12.1  | 11.7 | 11.4  | 11.0 | 10.8   | 10.5 | 10.3   |
| 17.5°  | 19.5  | 17.8  | 16.2  | 14.5  | 14.0  | 13.6 | 13.1  | 12.7 | 12.4   | 12.1 | 11.8   |
| 20°    | 22.1  | 20.2  | 18.4  | 16.5  | 16.0  | 15.4 | 14.8  | 14.4 | 14.1   | 13.7 | 13.3   |
| 22.5°  | 24.8  | 22.6  | 20.6  | 18.6  | 17.9  | 17.2 | 16.5  | 16.1 | 15.6   | 15.2 | 14.7   |
| 25°    | 30.3  | 27.9  | 25.9  | 23.8  | 23.1  | 22.4 | 21.7  | 21.1 | 20.4   | 19.5 | 18.5   |
| 27.5°  | 36.0  | 33.3  | 31.2  | 29.0  | 28.4  | 27.7 | 27.2  | 26.7 | 26.0   | 25.1 | 24.0   |
| 30°    | 41.5  | 38.7  | 36.5  | 34.2  | 33.7  | 33.1 | 32.8  | 32.4 | 31.6   | 30.7 | 29.2   |
| 32.5°  | 47.0  | 44.1  | 41.8  | 39.4  | 39.0  | 38.6 | 38.5  | 38.1 | 37.3   | 36.0 | 34.2   |
| 35°    | 52.4  | 49.5  | 47.0  | 44.6  | 44.4  | 44.2 | 44.2  | 43.8 | 43.0   | 41.1 | 38.9   |
| 37.5°  | 57.8  | 54.8  | 52.2  | 49.8  | 49.7  | 49.7 | 49.9  | 49.5 | 48.8   | 46.0 | 43.2   |
| 40°    | 63.0  | 60.1  | 57.5  | 55.0  | 55.1  | 55.4 | 55.8  | 55.3 | 53.8   | 50.7 | 47.2   |
| 42.5°  | 68.3  | 65.3  | 62.6  | 60.2  | 60.5  | 61.1 | 61.6  | 61.1 | 58.8   | 55.3 | 51.0   |
| 45°    | 73.7  | 70.5  | 67.8  | 65.4  | 66.0  | 66.8 | 67.4  | 67.0 | 63.7   | 59.3 | 54.5   |
| 47.5°  | 84.8  | 80.0  | 75.6  | 71.4  | 70.5  | 70.1 | 69.9  | 69.2 | 65.3   | 61.0 | 56.4   |
| 50°    | 96.9  | 89.9  | 83.6  | 77.4  | 74.9  | 73.2 | 71.9  | 70.2 | 65.8   | 61.3 | 56.8   |
| 52.5°  | 109.3 | 100.1 | 91.7  | 83.4  | 79.1  | 76.2 | 73.8  | 70.9 | 66.2   | 61.8 | 57.2   |
| 55°    | 122.0 | 110.5 | 99.9  | 89.4  | 83.3  | 79.0 | 75.5  | 71.6 | 66.7   | 62.4 | 57.8   |
| 57.5°  | 135.0 | 121.0 | 108.1 | 95.3  | 87.3  | 81.6 | 77.0  | 72.4 | 67.3   | 63.1 | 58.6   |
| 60°    | 148.2 | 131.8 | 116.5 | 101.3 | 91.3  | 84.1 | 78.5  | 73.1 | 68.0   | 63.9 | 59.6   |
| 62.5°  | 161.6 | 142.6 | 125.0 | 107.3 | 95.3  | 86.5 | 79.8  | 73.8 | 68.9   | 64.9 | 61.0   |
| 65°    | 175.2 | 153.6 | 133.5 | 113.3 | 99.1  | 88.8 | 81.1  | 74.6 | 69.8   | 65.9 | 62.8   |
| 67.5°  | 189.0 | 164.7 | 142.1 | 119.3 | 102.9 | 91.0 | 82.3  | 75.3 | 70.9   | 67.0 | 64.6   |
| 70°    | 190.3 | 165.0 | 141.8 | 118.9 | 102.2 | 90.3 | 81.6  | 74.9 | 70.7   | 66.9 | 65.4   |
| 72.5°  | 190.6 | 164.8 | 141.5 | 118.5 | 101.5 | 89.6 | 80.7  | 74.3 | 70.2   | 66.5 | 65.3   |
| 75°    | 190.7 | 164.5 | 141.9 | 118.1 | 100.7 | 88.9 | 79.9  | 73.8 | 69.6   | 66.1 | 65.2   |
| 77.5°  | 190.7 | 164.1 | 141.2 | 117.7 | 100.1 | 88.2 | 79.1  | 73.4 | 69.1   | 65.9 | 65.1   |
| 80°    | 190.5 | 164.4 | 140.6 | 117.3 | 99.4  | 87.6 | 78.4  | 73.1 | 68.7   | 65.7 | 65.0   |
| 82.5°  | 190.9 | 163.5 | 139.9 | 116.9 | 98.8  | 87.1 | 77.7  | 72.9 | 68.2   | 65.5 | 64.9   |
| 85°    | 190.0 | 162.6 | 139.2 | 116.5 | 98.2  | 86.6 | 77.1  | 72.7 | 67.8   | 65.5 | 64.7   |
| 87.5°  | 189.1 | 161.7 | 138.5 | 116.1 | 97.7  | 86.1 | 76.5  | 72.5 | 67.4   | 65.4 | 64.6   |
| 90°    | 188.2 | 160.8 | 137.8 | 115.7 | 97.2  | 85.7 | 76.0  | 72.4 | 67.1   | 65.4 | 64.5   |
| 92.5°  | 189.1 | 161.7 | 138.5 | 116.1 | 97.7  | 86.1 | 76.5  | 72.5 | 67.4   | 65.4 | 64.6   |
| 95°    | 190.0 | 162.6 | 139.2 | 116.5 | 98.2  | 86.6 | 77.1  | 72.7 | 67.8   | 65.5 | 64.7   |
| 97.5°  | 190.9 | 163.5 | 139.9 | 116.9 | 98.8  | 87.1 | 77.7  | 72.9 | 68.2   | 65.5 | 64.9   |
| 100°   | 190.5 | 164.4 | 140.6 | 117.3 | 99.4  | 87.6 | 78.4  | 73.1 | 68.7   | 65.7 | 65.0   |
| 102.5° | 190.7 | 164.1 | 141.2 | 117.7 | 100.1 | 88.2 | 79.1  | 73.4 | 69.1   | 65.9 | 65.1   |
| 105°   | 190.7 | 164.5 | 141.9 | 118.1 | 100.7 | 88.9 | 79.9  | 73.8 | 69.6   | 66.1 | 65.2   |
| 107.5° | 190.6 | 164.8 | 141.5 | 118.5 | 101.5 | 89.6 | 80.7  | 74.3 | 70.2   | 66.5 | 65.3   |
| 110°   | 190.3 | 165.0 | 141.8 | 118.9 | 102.2 | 90.3 | 81.6  | 74.9 | 70.7   | 66.9 | 65.4   |



TEST NUMBER: P231879

CATALOG NUMBER: FVS4WM-2-LD4-50-1STD-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

|        | 82.5° | 85°   | 87.5° | 90°   | 92.5° | 95°  | 97.5° | 100° | 102.5° | 105° | 107.5° |
|--------|-------|-------|-------|-------|-------|------|-------|------|--------|------|--------|
| 112.5° | 189.0 | 164.7 | 142.1 | 119.3 | 102.9 | 91.0 | 82.3  | 75.3 | 70.9   | 67.0 | 64.6   |
| 115°   | 175.2 | 153.6 | 133.5 | 113.3 | 99.1  | 88.8 | 81.1  | 74.6 | 69.8   | 65.9 | 62.8   |
| 117.5° | 161.6 | 142.6 | 125.0 | 107.3 | 95.3  | 86.5 | 79.8  | 73.8 | 68.9   | 64.9 | 61.0   |
| 120°   | 148.2 | 131.8 | 116.5 | 101.3 | 91.3  | 84.1 | 78.5  | 73.1 | 68.0   | 63.9 | 59.6   |
| 122.5° | 135.0 | 121.0 | 108.1 | 95.3  | 87.3  | 81.6 | 77.0  | 72.4 | 67.3   | 63.1 | 58.6   |
| 125°   | 122.0 | 110.5 | 99.9  | 89.4  | 83.3  | 79.0 | 75.5  | 71.6 | 66.7   | 62.4 | 57.8   |
| 127.5° | 109.3 | 100.1 | 91.7  | 83.4  | 79.1  | 76.2 | 73.8  | 70.9 | 66.2   | 61.8 | 57.2   |
| 130°   | 96.9  | 89.9  | 83.6  | 77.4  | 74.9  | 73.2 | 71.9  | 70.2 | 65.8   | 61.3 | 56.8   |
| 132.5° | 84.8  | 80.0  | 75.6  | 71.4  | 70.5  | 70.1 | 69.9  | 69.2 | 65.3   | 61.0 | 56.4   |
| 135°   | 73.7  | 70.5  | 67.8  | 65.4  | 66.0  | 66.8 | 67.4  | 67.0 | 63.7   | 59.3 | 54.5   |
| 137.5° | 68.3  | 65.3  | 62.6  | 60.2  | 60.5  | 61.1 | 61.6  | 61.1 | 58.8   | 55.3 | 51.0   |
| 140°   | 63.0  | 60.1  | 57.5  | 55.0  | 55.1  | 55.4 | 55.8  | 55.3 | 53.8   | 50.7 | 47.2   |
| 142.5° | 57.8  | 54.8  | 52.2  | 49.8  | 49.7  | 49.7 | 49.9  | 49.5 | 48.8   | 46.0 | 43.2   |
| 145°   | 52.4  | 49.5  | 47.0  | 44.6  | 44.4  | 44.2 | 44.2  | 43.8 | 43.0   | 41.1 | 38.9   |
| 147.5° | 47.0  | 44.1  | 41.8  | 39.4  | 39.0  | 38.6 | 38.5  | 38.1 | 37.3   | 36.0 | 34.2   |
| 150°   | 41.5  | 38.7  | 36.5  | 34.2  | 33.7  | 33.1 | 32.8  | 32.4 | 31.6   | 30.7 | 29.2   |
| 152.5° | 36.0  | 33.3  | 31.2  | 29.0  | 28.4  | 27.7 | 27.2  | 26.7 | 26.0   | 25.1 | 24.0   |
| 155°   | 30.3  | 27.9  | 25.9  | 23.8  | 23.1  | 22.4 | 21.7  | 21.1 | 20.4   | 19.5 | 18.5   |
| 157.5° | 24.8  | 22.6  | 20.6  | 18.6  | 17.9  | 17.2 | 16.5  | 16.1 | 15.6   | 15.2 | 14.7   |
| 160°   | 22.1  | 20.2  | 18.4  | 16.5  | 16.0  | 15.4 | 14.8  | 14.4 | 14.1   | 13.7 | 13.3   |
| 162.5° | 19.5  | 17.8  | 16.2  | 14.5  | 14.0  | 13.6 | 13.1  | 12.7 | 12.4   | 12.1 | 11.8   |
| 165°   | 16.9  | 15.4  | 13.9  | 12.4  | 12.1  | 11.7 | 11.4  | 11.0 | 10.8   | 10.5 | 10.3   |
| 167.5° | 14.2  | 12.9  | 11.6  | 10.3  | 10.1  | 9.9  | 9.6   | 9.3  | 9.1    | 8.9  | 8.7    |
| 170°   | 11.5  | 10.4  | 9.4   | 8.3   | 8.1   | 8.0  | 7.8   | 7.6  | 7.4    | 7.2  | 7.1    |
| 172.5° | 8.7   | 7.9   | 7.0   | 6.2   | 6.1   | 6.0  | 5.9   | 5.8  | 5.7    | 5.5  | 5.4    |
| 175°   | 5.8   | 5.3   | 4.7   | 4.1   | 4.1   | 4.0  | 4.0   | 3.9  | 3.9    | 3.8  | 3.7    |
| 177.5° | 2.9   | 2.7   | 2.4   | 2.1   | 2.1   | 2.0  | 2.0   | 2.0  | 2.0    | 1.9  | 1.9    |
| 180°   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0  | 0.0   | 0.0  | 0.0    | 0.0  | 0.0    |



TEST NUMBER: P231879

CATALOG NUMBER: FVS4WM-2-LD4-50-1STD-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

|        | 110° | 112.5° | 115° | 117.5° | 120° | 122.5° | 125° | 127.5° | 130° | 132.5° | 135° |
|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|
| 0°     | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 2.5°   | 1.9  | 1.8    | 1.8  | 1.8    | 1.7  | 1.7    | 1.6  | 1.5    | 1.5  | 1.4    | 1.4  |
| 5°     | 3.6  | 3.5    | 3.4  | 3.3    | 3.2  | 3.1    | 3.0  | 2.9    | 2.8  | 2.7    | 2.6  |
| 7.5°   | 5.3  | 5.1    | 5.0  | 4.9    | 4.7  | 4.6    | 4.4  | 4.3    | 4.1  | 3.9    | 3.7  |
| 10°    | 6.9  | 6.7    | 6.5  | 6.3    | 6.1  | 5.9    | 5.7  | 5.5    | 5.3  | 5.0    | 4.8  |
| 12.5°  | 8.5  | 8.2    | 8.0  | 7.7    | 7.5  | 7.2    | 6.9  | 6.7    | 6.4  | 6.2    | 5.9  |
| 15°    | 10.0 | 9.7    | 9.4  | 9.0    | 8.7  | 8.5    | 8.3  | 8.0    | 7.7  | 7.5    | 7.2  |
| 17.5°  | 11.4 | 11.1   | 10.7 | 10.4   | 10.2 | 9.9    | 9.7  | 9.4    | 9.1  | 8.7    | 8.4  |
| 20°    | 12.8 | 12.4   | 12.2 | 11.9   | 11.7 | 11.4   | 11.1 | 10.7   | 10.3 | 9.8    | 9.3  |
| 22.5°  | 14.2 | 14.0   | 13.7 | 13.4   | 13.2 | 12.8   | 12.4 | 11.8   | 11.2 | 10.6   | 10.2 |
| 25°    | 17.6 | 16.8   | 15.9 | 15.0   | 14.7 | 14.1   | 13.4 | 12.8   | 12.3 | 11.9   | 11.4 |
| 27.5°  | 22.9 | 21.7   | 20.5 | 19.3   | 17.8 | 16.3   | 15.0 | 14.1   | 13.6 | 13.0   | 12.2 |
| 30°    | 27.8 | 26.2   | 24.6 | 22.8   | 21.0 | 19.5   | 18.2 | 16.9   | 15.4 | 14.1   | 13.1 |
| 32.5°  | 32.3 | 30.3   | 28.2 | 26.0   | 24.1 | 22.4   | 20.7 | 19.0   | 17.4 | 16.2   | 15.1 |
| 35°    | 36.4 | 33.9   | 31.3 | 28.9   | 26.8 | 24.8   | 22.7 | 20.8   | 19.4 | 18.0   | 16.4 |
| 37.5°  | 40.2 | 37.2   | 34.1 | 31.6   | 29.1 | 26.6   | 24.4 | 22.7   | 21.0 | 19.2   | 17.7 |
| 40°    | 43.7 | 40.1   | 36.8 | 33.9   | 31.0 | 28.2   | 26.2 | 24.2   | 22.1 | 20.4   | 19.0 |
| 42.5°  | 46.9 | 42.8   | 39.3 | 35.9   | 32.5 | 30.0   | 27.6 | 25.3   | 23.3 | 21.6   | 20.1 |
| 45°    | 49.8 | 45.4   | 41.4 | 37.5   | 34.1 | 31.5   | 28.8 | 26.4   | 24.4 | 22.6   | 20.9 |
| 47.5°  | 51.8 | 47.6   | 43.3 | 38.9   | 35.7 | 32.7   | 29.8 | 27.5   | 25.4 | 23.4   | 21.8 |
| 50°    | 52.2 | 48.4   | 44.6 | 41.0   | 37.7 | 33.9   | 31.0 | 28.5   | 26.1 | 24.2   | 22.5 |
| 52.5°  | 53.1 | 49.6   | 46.5 | 43.8   | 40.7 | 37.2   | 33.7 | 30.1   | 26.9 | 25.0   | 22.7 |
| 55°    | 54.2 | 51.5   | 49.1 | 47.2   | 44.2 | 40.7   | 36.9 | 33.2   | 30.0 | 26.5   | 22.9 |
| 57.5°  | 55.7 | 53.8   | 52.4 | 50.8   | 48.0 | 44.1   | 40.2 | 36.4   | 32.8 | 28.7   | 24.9 |
| 60°    | 57.5 | 56.7   | 56.2 | 54.7   | 51.7 | 47.6   | 43.5 | 39.5   | 35.2 | 30.8   | 26.8 |
| 62.5°  | 59.6 | 59.9   | 60.3 | 58.9   | 55.4 | 51.1   | 46.7 | 42.3   | 37.4 | 32.9   | 28.8 |
| 65°    | 62.3 | 63.6   | 64.8 | 63.3   | 59.1 | 54.6   | 49.9 | 44.8   | 39.6 | 34.9   | 30.6 |
| 67.5°  | 65.3 | 67.6   | 69.0 | 67.5   | 62.8 | 58.1   | 52.9 | 47.2   | 41.8 | 36.9   | 32.2 |
| 70°    | 67.0 | 70.2   | 72.3 | 71.1   | 66.6 | 61.6   | 55.9 | 49.6   | 44.0 | 38.8   | 33.7 |
| 72.5°  | 67.0 | 70.0   | 71.8 | 70.6   | 67.2 | 63.0   | 57.6 | 51.6   | 46.2 | 40.6   | 35.1 |
| 75°    | 66.9 | 69.7   | 71.4 | 70.4   | 67.7 | 63.8   | 58.3 | 52.3   | 46.7 | 41.2   | 36.2 |
| 77.5°  | 66.7 | 69.3   | 71.0 | 70.6   | 68.5 | 64.9   | 59.2 | 53.2   | 47.4 | 41.6   | 36.9 |
| 80°    | 66.4 | 68.9   | 70.8 | 71.1   | 69.6 | 66.2   | 60.2 | 54.2   | 48.1 | 42.3   | 37.7 |
| 82.5°  | 66.0 | 68.3   | 70.6 | 71.8   | 70.8 | 67.8   | 61.5 | 55.4   | 49.1 | 43.1   | 38.6 |
| 85°    | 65.5 | 67.7   | 70.3 | 72.5   | 72.2 | 69.5   | 62.9 | 56.8   | 50.2 | 44.1   | 39.7 |
| 87.5°  | 65.0 | 67.0   | 70.1 | 73.4   | 73.6 | 71.4   | 64.5 | 58.3   | 51.5 | 45.3   | 41.0 |
| 90°    | 64.5 | 66.3   | 69.8 | 74.2   | 75.1 | 73.3   | 66.3 | 60.1   | 53.0 | 46.8   | 42.4 |
| 92.5°  | 65.0 | 67.0   | 70.1 | 73.4   | 73.6 | 71.4   | 64.5 | 58.3   | 51.5 | 45.3   | 41.0 |
| 95°    | 65.5 | 67.7   | 70.3 | 72.5   | 72.2 | 69.5   | 62.9 | 56.8   | 50.2 | 44.1   | 39.7 |
| 97.5°  | 66.0 | 68.3   | 70.6 | 71.8   | 70.8 | 67.8   | 61.5 | 55.4   | 49.1 | 43.1   | 38.6 |
| 100°   | 66.4 | 68.9   | 70.8 | 71.1   | 69.6 | 66.2   | 60.2 | 54.2   | 48.1 | 42.3   | 37.7 |
| 102.5° | 66.7 | 69.3   | 71.0 | 70.6   | 68.5 | 64.9   | 59.2 | 53.2   | 47.4 | 41.6   | 36.9 |
| 105°   | 66.9 | 69.7   | 71.4 | 70.4   | 67.7 | 63.8   | 58.3 | 52.3   | 46.7 | 41.2   | 36.2 |
| 107.5° | 67.0 | 70.0   | 71.8 | 70.6   | 67.2 | 63.0   | 57.6 | 51.6   | 46.2 | 40.6   | 35.1 |
| 110°   | 67.0 | 70.2   | 72.3 | 71.1   | 66.6 | 61.6   | 55.9 | 49.6   | 44.0 | 38.8   | 33.7 |



TEST NUMBER: P231879

CATALOG NUMBER: FVS4WM-2-LD4-50-1STD-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

|        | 110° | 112.5° | 115° | 117.5° | 120° | 122.5° | 125° | 127.5° | 130° | 132.5° | 135° |
|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|
| 112.5° | 65.3 | 67.6   | 69.0 | 67.5   | 62.8 | 58.1   | 52.9 | 47.2   | 41.8 | 36.9   | 32.2 |
| 115°   | 62.3 | 63.6   | 64.8 | 63.3   | 59.1 | 54.6   | 49.9 | 44.8   | 39.6 | 34.9   | 30.6 |
| 117.5° | 59.6 | 59.9   | 60.3 | 58.9   | 55.4 | 51.1   | 46.7 | 42.3   | 37.4 | 32.9   | 28.8 |
| 120°   | 57.5 | 56.7   | 56.2 | 54.7   | 51.7 | 47.6   | 43.5 | 39.5   | 35.2 | 30.8   | 26.8 |
| 122.5° | 55.7 | 53.8   | 52.4 | 50.8   | 48.0 | 44.1   | 40.2 | 36.4   | 32.8 | 28.7   | 24.9 |
| 125°   | 54.2 | 51.5   | 49.1 | 47.2   | 44.2 | 40.7   | 36.9 | 33.2   | 30.0 | 26.5   | 22.9 |
| 127.5° | 53.1 | 49.6   | 46.5 | 43.8   | 40.7 | 37.2   | 33.7 | 30.1   | 26.9 | 25.0   | 22.7 |
| 130°   | 52.2 | 48.4   | 44.6 | 41.0   | 37.7 | 33.9   | 31.0 | 28.5   | 26.1 | 24.2   | 22.5 |
| 132.5° | 51.8 | 47.6   | 43.3 | 38.9   | 35.7 | 32.7   | 29.8 | 27.5   | 25.4 | 23.4   | 21.8 |
| 135°   | 49.8 | 45.4   | 41.4 | 37.5   | 34.1 | 31.5   | 28.8 | 26.4   | 24.4 | 22.6   | 20.9 |
| 137.5° | 46.9 | 42.8   | 39.3 | 35.9   | 32.5 | 30.0   | 27.6 | 25.3   | 23.3 | 21.6   | 20.1 |
| 140°   | 43.7 | 40.1   | 36.8 | 33.9   | 31.0 | 28.2   | 26.2 | 24.2   | 22.1 | 20.4   | 19.0 |
| 142.5° | 40.2 | 37.2   | 34.1 | 31.6   | 29.1 | 26.6   | 24.4 | 22.7   | 21.0 | 19.2   | 17.7 |
| 145°   | 36.4 | 33.9   | 31.3 | 28.9   | 26.8 | 24.8   | 22.7 | 20.8   | 19.4 | 18.0   | 16.4 |
| 147.5° | 32.3 | 30.3   | 28.2 | 26.0   | 24.1 | 22.4   | 20.7 | 19.0   | 17.4 | 16.2   | 15.1 |
| 150°   | 27.8 | 26.2   | 24.6 | 22.8   | 21.0 | 19.5   | 18.2 | 16.9   | 15.4 | 14.1   | 13.1 |
| 152.5° | 22.9 | 21.7   | 20.5 | 19.3   | 17.8 | 16.3   | 15.0 | 14.1   | 13.6 | 13.0   | 12.2 |
| 155°   | 17.6 | 16.8   | 15.9 | 15.0   | 14.7 | 14.1   | 13.4 | 12.8   | 12.3 | 11.9   | 11.4 |
| 157.5° | 14.2 | 14.0   | 13.7 | 13.4   | 13.2 | 12.8   | 12.4 | 11.8   | 11.2 | 10.6   | 10.2 |
| 160°   | 12.8 | 12.4   | 12.2 | 11.9   | 11.7 | 11.4   | 11.1 | 10.7   | 10.3 | 9.8    | 9.3  |
| 162.5° | 11.4 | 11.1   | 10.7 | 10.4   | 10.2 | 9.9    | 9.7  | 9.4    | 9.1  | 8.7    | 8.4  |
| 165°   | 10.0 | 9.7    | 9.4  | 9.0    | 8.7  | 8.5    | 8.3  | 8.0    | 7.7  | 7.5    | 7.2  |
| 167.5° | 8.5  | 8.2    | 8.0  | 7.7    | 7.5  | 7.2    | 6.9  | 6.7    | 6.4  | 6.2    | 5.9  |
| 170°   | 6.9  | 6.7    | 6.5  | 6.3    | 6.1  | 5.9    | 5.7  | 5.5    | 5.3  | 5.0    | 4.8  |
| 172.5° | 5.3  | 5.1    | 5.0  | 4.9    | 4.7  | 4.6    | 4.4  | 4.3    | 4.1  | 3.9    | 3.7  |
| 175°   | 3.6  | 3.5    | 3.4  | 3.3    | 3.2  | 3.1    | 3.0  | 2.9    | 2.8  | 2.7    | 2.6  |
| 177.5° | 1.9  | 1.8    | 1.8  | 1.8    | 1.7  | 1.7    | 1.6  | 1.5    | 1.5  | 1.4    | 1.4  |
| 180°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |



TEST NUMBER: P231879

CATALOG NUMBER: FVS4WM-2-LD4-50-1STD-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

|        | 137.5° | 140° | 142.5° | 145° | 147.5° | 150° | 152.5° | 155° | 157.5° | 160° | 162.5° |
|--------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|
| 0°     | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 2.5°   | 1.3    | 1.2  | 1.2    | 1.1  | 1.0    | 0.9  | 0.9    | 0.8  | 0.7    | 0.6  | 0.6    |
| 5°     | 2.5    | 2.3  | 2.2    | 2.1  | 1.9    | 1.8  | 1.7    | 1.5  | 1.4    | 1.2  | 1.1    |
| 7.5°   | 3.5    | 3.4  | 3.2    | 3.0  | 2.8    | 2.6  | 2.4    | 2.2  | 1.9    | 1.7  | 1.5    |
| 10°    | 4.5    | 4.3  | 4.1    | 3.9  | 3.6    | 3.4  | 3.1    | 2.8  | 2.6    | 2.3  | 2.0    |
| 12.5°  | 5.7    | 5.4  | 5.1    | 4.8  | 4.5    | 4.2  | 3.9    | 3.6  | 3.2    | 2.9  | 2.5    |
| 15°    | 6.8    | 6.5  | 6.2    | 5.8  | 5.4    | 5.0  | 4.6    | 4.2  | 3.8    | 3.4  | 2.9    |
| 17.5°  | 8.0    | 7.5  | 7.0    | 6.5  | 6.1    | 5.6  | 5.2    | 4.8  | 4.3    | 3.9  | 3.4    |
| 20°    | 8.7    | 8.3  | 7.8    | 7.4  | 6.9    | 6.5  | 6.0    | 5.4  | 4.9    | 4.3  | 3.8    |
| 22.5°  | 9.8    | 9.3  | 8.8    | 8.2  | 7.6    | 7.0  | 6.4    | 5.9  | 5.3    | 4.8  | 4.2    |
| 25°    | 10.8   | 10.1 | 9.5    | 8.9  | 8.3    | 7.8  | 7.2    | 6.6  | 5.9    | 5.2  | 4.6    |
| 27.5°  | 11.5   | 10.9 | 10.4   | 9.8  | 9.1    | 8.4  | 7.6    | 6.9  | 6.2    | 5.6  | 4.9    |
| 30°    | 12.6   | 12.0 | 11.2   | 10.3 | 9.5    | 8.9  | 8.2    | 7.6  | 6.9    | 6.2  | 5.4    |
| 32.5°  | 13.8   | 12.5 | 11.7   | 11.1 | 10.4   | 9.7  | 9.0    | 8.3  | 7.6    | 6.8  | 6.0    |
| 35°    | 14.9   | 13.9 | 12.9   | 12.1 | 11.4   | 10.6 | 9.9    | 9.1  | 8.3    | 7.4  | 6.6    |
| 37.5°  | 16.4   | 15.3 | 14.2   | 13.2 | 12.3   | 11.6 | 10.8   | 9.9  | 9.0    | 8.1  | 7.2    |
| 40°    | 17.7   | 16.4 | 15.3   | 14.4 | 13.4   | 12.5 | 11.7   | 10.8 | 9.8    | 8.8  | 7.7    |
| 42.5°  | 18.6   | 17.4 | 16.3   | 15.2 | 14.2   | 13.3 | 12.6   | 11.6 | 10.3   | 9.1  | 7.9    |
| 45°    | 19.6   | 18.3 | 16.9   | 15.7 | 14.7   | 13.7 | 12.7   | 11.7 | 10.7   | 9.7  | 8.6    |
| 47.5°  | 20.3   | 18.7 | 17.2   | 15.9 | 14.7   | 13.6 | 12.7   | 12.1 | 11.4   | 10.0 | 8.7    |
| 50°    | 20.6   | 18.8 | 17.2   | 15.8 | 14.6   | 13.7 | 12.8   | 11.9 | 11.0   | 10.1 | 8.7    |
| 52.5°  | 20.6   | 18.6 | 17.1   | 15.8 | 14.6   | 13.5 | 12.4   | 11.5 | 10.6   | 10.0 | 9.2    |
| 55°    | 20.3   | 18.6 | 17.0   | 15.7 | 14.3   | 13.1 | 12.2   | 11.3 | 10.8   | 10.1 | 9.3    |
| 57.5°  | 21.5   | 18.7 | 16.8   | 15.3 | 13.9   | 13.0 | 12.2   | 11.5 | 10.6   | 9.7  | 8.9    |
| 60°    | 23.5   | 20.3 | 17.4   | 14.9 | 13.9   | 13.0 | 12.2   | 11.3 | 10.3   | 9.4  | 8.5    |
| 62.5°  | 25.1   | 21.7 | 18.7   | 16.3 | 14.3   | 13.0 | 12.1   | 11.1 | 10.1   | 9.2  | 8.2    |
| 65°    | 26.5   | 23.1 | 20.1   | 17.6 | 15.6   | 13.6 | 12.0   | 11.0 | 10.0   | 8.9  | 7.9    |
| 67.5°  | 27.9   | 24.6 | 21.3   | 18.8 | 16.5   | 14.4 | 12.6   | 11.0 | 9.9    | 8.8  | 7.7    |
| 70°    | 29.5   | 25.8 | 22.5   | 19.9 | 17.2   | 15.0 | 13.0   | 11.3 | 9.9    | 8.7  | 7.3    |
| 72.5°  | 31.1   | 26.9 | 23.7   | 20.6 | 17.8   | 15.5 | 13.3   | 11.4 | 10.0   | 8.3  | 6.6    |
| 75°    | 32.3   | 28.0 | 24.9   | 21.3 | 18.4   | 15.9 | 13.5   | 11.6 | 9.8    | 7.7  | 5.9    |
| 77.5°  | 32.7   | 28.6 | 25.3   | 21.9 | 19.0   | 16.2 | 13.5   | 11.7 | 9.4    | 7.1  | 5.4    |
| 80°    | 33.2   | 29.2 | 25.7   | 22.2 | 19.1   | 16.2 | 13.7   | 11.6 | 9.0    | 6.6  | 5.0    |
| 82.5°  | 33.8   | 29.9 | 26.2   | 22.6 | 19.4   | 16.3 | 13.7   | 11.2 | 8.5    | 6.3  | 4.2    |
| 85°    | 34.7   | 30.6 | 27.0   | 23.1 | 19.8   | 16.6 | 13.7   | 11.1 | 8.1    | 5.8  | 3.4    |
| 87.5°  | 35.8   | 31.6 | 28.0   | 23.8 | 20.4   | 17.0 | 13.8   | 11.2 | 7.9    | 5.4  | 2.9    |
| 90°    | 37.1   | 32.7 | 29.2   | 24.7 | 21.2   | 17.7 | 14.1   | 11.5 | 8.0    | 5.3  | 2.7    |
| 92.5°  | 35.8   | 31.6 | 28.0   | 23.8 | 20.4   | 17.0 | 13.8   | 11.2 | 7.9    | 5.4  | 2.9    |
| 95°    | 34.7   | 30.6 | 27.0   | 23.1 | 19.8   | 16.6 | 13.7   | 11.1 | 8.1    | 5.8  | 3.4    |
| 97.5°  | 33.8   | 29.9 | 26.2   | 22.6 | 19.4   | 16.3 | 13.7   | 11.2 | 8.5    | 6.3  | 4.2    |
| 100°   | 33.2   | 29.2 | 25.7   | 22.2 | 19.1   | 16.2 | 13.7   | 11.6 | 9.0    | 6.6  | 5.0    |
| 102.5° | 32.7   | 28.6 | 25.3   | 21.9 | 19.0   | 16.2 | 13.5   | 11.7 | 9.4    | 7.1  | 5.4    |
| 105°   | 32.3   | 28.0 | 24.9   | 21.3 | 18.4   | 15.9 | 13.5   | 11.6 | 9.8    | 7.7  | 5.9    |
| 107.5° | 31.1   | 26.9 | 23.7   | 20.6 | 17.8   | 15.5 | 13.3   | 11.4 | 10.0   | 8.3  | 6.6    |
| 110°   | 29.5   | 25.8 | 22.5   | 19.9 | 17.2   | 15.0 | 13.0   | 11.3 | 9.9    | 8.7  | 7.3    |





TEST NUMBER: P231879

CATALOG NUMBER: FVS4WM-2-LD4-50-1STD-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

|        | 137.5° | 140° | 142.5° | 145° | 147.5° | 150° | 152.5° | 155° | 157.5° | 160° | 162.5° |
|--------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|
| 112.5° | 27.9   | 24.6 | 21.3   | 18.8 | 16.5   | 14.4 | 12.6   | 11.0 | 9.9    | 8.8  | 7.7    |
| 115°   | 26.5   | 23.1 | 20.1   | 17.6 | 15.6   | 13.6 | 12.0   | 11.0 | 10.0   | 8.9  | 7.9    |
| 117.5° | 25.1   | 21.7 | 18.7   | 16.3 | 14.3   | 13.0 | 12.1   | 11.1 | 10.1   | 9.2  | 8.2    |
| 120°   | 23.5   | 20.3 | 17.4   | 14.9 | 13.9   | 13.0 | 12.2   | 11.3 | 10.3   | 9.4  | 8.5    |
| 122.5° | 21.5   | 18.7 | 16.8   | 15.3 | 13.9   | 13.0 | 12.2   | 11.5 | 10.6   | 9.7  | 8.9    |
| 125°   | 20.3   | 18.6 | 17.0   | 15.7 | 14.3   | 13.1 | 12.2   | 11.3 | 10.8   | 10.1 | 9.3    |
| 127.5° | 20.6   | 18.6 | 17.1   | 15.8 | 14.6   | 13.5 | 12.4   | 11.5 | 10.6   | 10.0 | 9.2    |
| 130°   | 20.6   | 18.8 | 17.2   | 15.8 | 14.6   | 13.7 | 12.8   | 11.9 | 11.0   | 10.1 | 8.7    |
| 132.5° | 20.3   | 18.7 | 17.2   | 15.9 | 14.7   | 13.6 | 12.7   | 12.1 | 11.4   | 10.0 | 8.7    |
| 135°   | 19.6   | 18.3 | 16.9   | 15.7 | 14.7   | 13.7 | 12.7   | 11.7 | 10.7   | 9.7  | 8.6    |
| 137.5° | 18.6   | 17.4 | 16.3   | 15.2 | 14.2   | 13.3 | 12.6   | 11.6 | 10.3   | 9.1  | 7.9    |
| 140°   | 17.7   | 16.4 | 15.3   | 14.4 | 13.4   | 12.5 | 11.7   | 10.8 | 9.8    | 8.8  | 7.7    |
| 142.5° | 16.4   | 15.3 | 14.2   | 13.2 | 12.3   | 11.6 | 10.8   | 9.9  | 9.0    | 8.1  | 7.2    |
| 145°   | 14.9   | 13.9 | 12.9   | 12.1 | 11.4   | 10.6 | 9.9    | 9.1  | 8.3    | 7.4  | 6.6    |
| 147.5° | 13.8   | 12.5 | 11.7   | 11.1 | 10.4   | 9.7  | 9.0    | 8.3  | 7.6    | 6.8  | 6.0    |
| 150°   | 12.6   | 12.0 | 11.2   | 10.3 | 9.5    | 8.9  | 8.2    | 7.6  | 6.9    | 6.2  | 5.4    |
| 152.5° | 11.5   | 10.9 | 10.4   | 9.8  | 9.1    | 8.4  | 7.6    | 6.9  | 6.2    | 5.6  | 4.9    |
| 155°   | 10.8   | 10.1 | 9.5    | 8.9  | 8.3    | 7.8  | 7.2    | 6.6  | 5.9    | 5.2  | 4.6    |
| 157.5° | 9.8    | 9.3  | 8.8    | 8.2  | 7.6    | 7.0  | 6.4    | 5.9  | 5.3    | 4.8  | 4.2    |
| 160°   | 8.7    | 8.3  | 7.8    | 7.4  | 6.9    | 6.5  | 6.0    | 5.4  | 4.9    | 4.3  | 3.8    |
| 162.5° | 8.0    | 7.5  | 7.0    | 6.5  | 6.1    | 5.6  | 5.2    | 4.8  | 4.3    | 3.9  | 3.4    |
| 165°   | 6.8    | 6.5  | 6.2    | 5.8  | 5.4    | 5.0  | 4.6    | 4.2  | 3.8    | 3.4  | 2.9    |
| 167.5° | 5.7    | 5.4  | 5.1    | 4.8  | 4.5    | 4.2  | 3.9    | 3.6  | 3.2    | 2.9  | 2.5    |
| 170°   | 4.5    | 4.3  | 4.1    | 3.9  | 3.6    | 3.4  | 3.1    | 2.8  | 2.6    | 2.3  | 2.0    |
| 172.5° | 3.5    | 3.4  | 3.2    | 3.0  | 2.8    | 2.6  | 2.4    | 2.2  | 1.9    | 1.7  | 1.5    |
| 175°   | 2.5    | 2.3  | 2.2    | 2.1  | 1.9    | 1.8  | 1.7    | 1.5  | 1.4    | 1.2  | 1.1    |
| 177.5° | 1.3    | 1.2  | 1.2    | 1.1  | 1.0    | 0.9  | 0.9    | 0.8  | 0.7    | 0.6  | 0.6    |
| 180°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |



TEST NUMBER: P231879

CATALOG NUMBER: FVS4WM-2-LD4-50-1STD-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

|        | 165° | 167.5° | 170° | 172.5° | 175° | 177.5° | 180° | 182.5° | 185° | 187.5° | 190° |
|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|
| 0°     | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 2.5°   | 0.5  | 0.4    | 0.3  | 0.2    | 0.2  | 0.1    | 0.0  | 0.1    | 0.2  | 0.2    | 0.3  |
| 5°     | 0.9  | 0.8    | 0.6  | 0.5    | 0.3  | 0.2    | 0.0  | 0.2    | 0.3  | 0.5    | 0.6  |
| 7.5°   | 1.3  | 1.1    | 0.9  | 0.7    | 0.4  | 0.2    | 0.0  | 0.2    | 0.4  | 0.7    | 0.9  |
| 10°    | 1.7  | 1.5    | 1.2  | 0.9    | 0.6  | 0.3    | 0.0  | 0.3    | 0.6  | 0.9    | 1.2  |
| 12.5°  | 2.2  | 1.8    | 1.5  | 1.1    | 0.7  | 0.4    | 0.0  | 0.4    | 0.7  | 1.1    | 1.5  |
| 15°    | 2.5  | 2.1    | 1.7  | 1.3    | 0.8  | 0.4    | 0.0  | 0.4    | 0.8  | 1.3    | 1.7  |
| 17.5°  | 2.9  | 2.4    | 2.0  | 1.5    | 1.0  | 0.5    | 0.0  | 0.5    | 1.0  | 1.5    | 2.0  |
| 20°    | 3.2  | 2.7    | 2.2  | 1.6    | 1.1  | 0.5    | 0.0  | 0.5    | 1.1  | 1.6    | 2.2  |
| 22.5°  | 3.6  | 3.0    | 2.4  | 1.8    | 1.2  | 0.6    | 0.0  | 0.6    | 1.2  | 1.8    | 2.4  |
| 25°    | 3.9  | 3.2    | 2.6  | 1.9    | 1.3  | 0.6    | 0.0  | 0.6    | 1.3  | 1.9    | 2.6  |
| 27.5°  | 4.2  | 3.5    | 2.8  | 2.1    | 1.4  | 0.7    | 0.0  | 0.7    | 1.4  | 2.1    | 2.8  |
| 30°    | 4.7  | 3.9    | 3.2  | 2.4    | 1.6  | 0.8    | 0.0  | 0.8    | 1.6  | 2.4    | 3.2  |
| 32.5°  | 5.2  | 4.3    | 3.5  | 2.6    | 1.8  | 0.9    | 0.0  | 0.9    | 1.8  | 2.6    | 3.5  |
| 35°    | 5.7  | 4.7    | 3.8  | 2.9    | 1.9  | 1.0    | 0.0  | 1.0    | 1.9  | 2.9    | 3.8  |
| 37.5°  | 6.2  | 5.2    | 4.2  | 3.2    | 2.1  | 1.1    | 0.0  | 1.1    | 2.1  | 3.2    | 4.2  |
| 40°    | 6.6  | 5.4    | 4.3  | 3.2    | 2.2  | 1.1    | 0.0  | 1.1    | 2.2  | 3.2    | 4.3  |
| 42.5°  | 6.8  | 5.7    | 4.6  | 3.5    | 2.3  | 1.2    | 0.0  | 1.2    | 2.3  | 3.5    | 4.6  |
| 45°    | 7.3  | 6.0    | 4.8  | 3.6    | 2.4  | 1.2    | 0.0  | 1.2    | 2.4  | 3.6    | 4.8  |
| 47.5°  | 7.3  | 6.0    | 4.8  | 3.6    | 2.4  | 1.2    | 0.0  | 1.2    | 2.4  | 3.6    | 4.8  |
| 50°    | 7.4  | 6.2    | 5.0  | 3.8    | 2.6  | 1.3    | 0.0  | 1.3    | 2.6  | 3.8    | 5.0  |
| 52.5°  | 8.0  | 6.6    | 5.2  | 3.9    | 2.6  | 1.3    | 0.0  | 1.3    | 2.6  | 3.9    | 5.2  |
| 55°    | 8.0  | 6.6    | 5.2  | 3.9    | 2.6  | 1.3    | 0.0  | 1.3    | 2.6  | 3.9    | 5.2  |
| 57.5°  | 8.0  | 6.5    | 5.1  | 3.8    | 2.5  | 1.2    | 0.0  | 1.2    | 2.5  | 3.8    | 5.1  |
| 60°    | 7.6  | 6.4    | 5.0  | 3.7    | 2.4  | 1.2    | 0.0  | 1.2    | 2.4  | 3.7    | 5.0  |
| 62.5°  | 7.2  | 6.2    | 4.8  | 3.5    | 2.3  | 1.1    | 0.0  | 1.1    | 2.3  | 3.5    | 4.8  |
| 65°    | 6.8  | 5.8    | 4.6  | 3.3    | 2.1  | 1.1    | 0.0  | 1.1    | 2.1  | 3.3    | 4.6  |
| 67.5°  | 6.4  | 5.3    | 4.3  | 3.0    | 1.9  | 0.9    | 0.0  | 0.9    | 1.9  | 3.0    | 4.3  |
| 70°    | 5.8  | 4.6    | 3.7  | 2.7    | 1.7  | 0.8    | 0.0  | 0.8    | 1.7  | 2.7    | 3.7  |
| 72.5°  | 5.1  | 4.1    | 3.2  | 2.3    | 1.4  | 0.7    | 0.0  | 0.7    | 1.4  | 2.3    | 3.2  |
| 75°    | 4.7  | 3.6    | 2.5  | 1.7    | 0.9  | 0.4    | 0.0  | 0.4    | 0.9  | 1.7    | 2.5  |
| 77.5°  | 4.2  | 2.7    | 1.9  | 1.0    | 0.3  | 0.0    | 0.0  | 0.0    | 0.3  | 1.0    | 1.9  |
| 80°    | 3.1  | 2.0    | 1.1  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 1.1  |
| 82.5°  | 2.2  | 1.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 85°    | 1.5  | 0.3    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 87.5°  | 1.0  | 0.1    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 90°    | 0.9  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 92.5°  | 1.0  | 0.1    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 95°    | 1.5  | 0.3    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 97.5°  | 2.2  | 1.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 100°   | 3.1  | 2.0    | 1.1  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 1.1  |
| 102.5° | 4.2  | 2.7    | 1.9  | 1.0    | 0.3  | 0.0    | 0.0  | 0.0    | 0.3  | 1.0    | 1.9  |
| 105°   | 4.7  | 3.6    | 2.5  | 1.7    | 0.9  | 0.4    | 0.0  | 0.4    | 0.9  | 1.7    | 2.5  |
| 107.5° | 5.1  | 4.1    | 3.2  | 2.3    | 1.4  | 0.7    | 0.0  | 0.7    | 1.4  | 2.3    | 3.2  |
| 110°   | 5.8  | 4.6    | 3.7  | 2.7    | 1.7  | 0.8    | 0.0  | 0.8    | 1.7  | 2.7    | 3.7  |



TEST NUMBER: P231879

CATALOG NUMBER: FVS4WM-2-LD4-50-1STD-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

|        | 165° | 167.5° | 170° | 172.5° | 175° | 177.5° | 180° | 182.5° | 185° | 187.5° | 190° |
|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|
| 112.5° | 6.4  | 5.3    | 4.3  | 3.0    | 1.9  | 0.9    | 0.0  | 0.9    | 1.9  | 3.0    | 4.3  |
| 115°   | 6.8  | 5.8    | 4.6  | 3.3    | 2.1  | 1.1    | 0.0  | 1.1    | 2.1  | 3.3    | 4.6  |
| 117.5° | 7.2  | 6.2    | 4.8  | 3.5    | 2.3  | 1.1    | 0.0  | 1.1    | 2.3  | 3.5    | 4.8  |
| 120°   | 7.6  | 6.4    | 5.0  | 3.7    | 2.4  | 1.2    | 0.0  | 1.2    | 2.4  | 3.7    | 5.0  |
| 122.5° | 8.0  | 6.5    | 5.1  | 3.8    | 2.5  | 1.2    | 0.0  | 1.2    | 2.5  | 3.8    | 5.1  |
| 125°   | 8.0  | 6.6    | 5.2  | 3.9    | 2.6  | 1.3    | 0.0  | 1.3    | 2.6  | 3.9    | 5.2  |
| 127.5° | 8.0  | 6.6    | 5.2  | 3.9    | 2.6  | 1.3    | 0.0  | 1.3    | 2.6  | 3.9    | 5.2  |
| 130°   | 7.4  | 6.2    | 5.0  | 3.8    | 2.6  | 1.3    | 0.0  | 1.3    | 2.6  | 3.8    | 5.0  |
| 132.5° | 7.3  | 6.0    | 4.8  | 3.6    | 2.4  | 1.2    | 0.0  | 1.2    | 2.4  | 3.6    | 4.8  |
| 135°   | 7.3  | 6.0    | 4.8  | 3.6    | 2.4  | 1.2    | 0.0  | 1.2    | 2.4  | 3.6    | 4.8  |
| 137.5° | 6.8  | 5.7    | 4.6  | 3.5    | 2.3  | 1.2    | 0.0  | 1.2    | 2.3  | 3.5    | 4.6  |
| 140°   | 6.6  | 5.4    | 4.3  | 3.2    | 2.2  | 1.1    | 0.0  | 1.1    | 2.2  | 3.2    | 4.3  |
| 142.5° | 6.2  | 5.2    | 4.2  | 3.2    | 2.1  | 1.1    | 0.0  | 1.1    | 2.1  | 3.2    | 4.2  |
| 145°   | 5.7  | 4.7    | 3.8  | 2.9    | 1.9  | 1.0    | 0.0  | 1.0    | 1.9  | 2.9    | 3.8  |
| 147.5° | 5.2  | 4.3    | 3.5  | 2.6    | 1.8  | 0.9    | 0.0  | 0.9    | 1.8  | 2.6    | 3.5  |
| 150°   | 4.7  | 3.9    | 3.2  | 2.4    | 1.6  | 0.8    | 0.0  | 0.8    | 1.6  | 2.4    | 3.2  |
| 152.5° | 4.2  | 3.5    | 2.8  | 2.1    | 1.4  | 0.7    | 0.0  | 0.7    | 1.4  | 2.1    | 2.8  |
| 155°   | 3.9  | 3.2    | 2.6  | 1.9    | 1.3  | 0.6    | 0.0  | 0.6    | 1.3  | 1.9    | 2.6  |
| 157.5° | 3.6  | 3.0    | 2.4  | 1.8    | 1.2  | 0.6    | 0.0  | 0.6    | 1.2  | 1.8    | 2.4  |
| 160°   | 3.2  | 2.7    | 2.2  | 1.6    | 1.1  | 0.5    | 0.0  | 0.5    | 1.1  | 1.6    | 2.2  |
| 162.5° | 2.9  | 2.4    | 2.0  | 1.5    | 1.0  | 0.5    | 0.0  | 0.5    | 1.0  | 1.5    | 2.0  |
| 165°   | 2.5  | 2.1    | 1.7  | 1.3    | 0.8  | 0.4    | 0.0  | 0.4    | 0.8  | 1.3    | 1.7  |
| 167.5° | 2.2  | 1.8    | 1.5  | 1.1    | 0.7  | 0.4    | 0.0  | 0.4    | 0.7  | 1.1    | 1.5  |
| 170°   | 1.7  | 1.5    | 1.2  | 0.9    | 0.6  | 0.3    | 0.0  | 0.3    | 0.6  | 0.9    | 1.2  |
| 172.5° | 1.3  | 1.1    | 0.9  | 0.7    | 0.4  | 0.2    | 0.0  | 0.2    | 0.4  | 0.7    | 0.9  |
| 175°   | 0.9  | 0.8    | 0.6  | 0.5    | 0.3  | 0.2    | 0.0  | 0.2    | 0.3  | 0.5    | 0.6  |
| 177.5° | 0.5  | 0.4    | 0.3  | 0.2    | 0.2  | 0.1    | 0.0  | 0.1    | 0.2  | 0.2    | 0.3  |
| 180°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |



TEST NUMBER: P231879

CATALOG NUMBER: FVS4WM-2-LD4-50-1STD-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

|        | 192.5° | 195° | 197.5° | 200° | 202.5° | 205° | 207.5° | 210° | 212.5° | 215° | 217.5° |
|--------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|
| 0°     | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 2.5°   | 0.4    | 0.5  | 0.6    | 0.6  | 0.7    | 0.8  | 0.9    | 0.9  | 1.0    | 1.1  | 1.2    |
| 5°     | 0.8    | 0.9  | 1.1    | 1.2  | 1.4    | 1.5  | 1.7    | 1.8  | 1.9    | 2.1  | 2.2    |
| 7.5°   | 1.1    | 1.3  | 1.5    | 1.7  | 1.9    | 2.2  | 2.4    | 2.6  | 2.8    | 3.0  | 3.2    |
| 10°    | 1.5    | 1.7  | 2.0    | 2.3  | 2.6    | 2.8  | 3.1    | 3.4  | 3.6    | 3.9  | 4.1    |
| 12.5°  | 1.8    | 2.2  | 2.5    | 2.9  | 3.2    | 3.6  | 3.9    | 4.2  | 4.5    | 4.8  | 5.1    |
| 15°    | 2.1    | 2.5  | 2.9    | 3.4  | 3.8    | 4.2  | 4.6    | 5.0  | 5.4    | 5.8  | 6.2    |
| 17.5°  | 2.4    | 2.9  | 3.4    | 3.9  | 4.3    | 4.8  | 5.2    | 5.6  | 6.1    | 6.5  | 7.0    |
| 20°    | 2.7    | 3.2  | 3.8    | 4.3  | 4.9    | 5.4  | 6.0    | 6.5  | 6.9    | 7.4  | 7.8    |
| 22.5°  | 3.0    | 3.6  | 4.2    | 4.8  | 5.3    | 5.9  | 6.4    | 7.0  | 7.6    | 8.2  | 8.8    |
| 25°    | 3.2    | 3.9  | 4.6    | 5.2  | 5.9    | 6.6  | 7.2    | 7.8  | 8.3    | 8.9  | 9.5    |
| 27.5°  | 3.5    | 4.2  | 4.9    | 5.6  | 6.2    | 6.9  | 7.6    | 8.4  | 9.1    | 9.8  | 10.4   |
| 30°    | 3.9    | 4.7  | 5.4    | 6.2  | 6.9    | 7.6  | 8.2    | 8.9  | 9.5    | 10.3 | 11.2   |
| 32.5°  | 4.3    | 5.2  | 6.0    | 6.8  | 7.6    | 8.3  | 9.0    | 9.7  | 10.4   | 11.1 | 11.7   |
| 35°    | 4.7    | 5.7  | 6.6    | 7.4  | 8.3    | 9.1  | 9.9    | 10.6 | 11.4   | 12.1 | 12.9   |
| 37.5°  | 5.2    | 6.2  | 7.2    | 8.1  | 9.0    | 9.9  | 10.8   | 11.6 | 12.3   | 13.2 | 14.2   |
| 40°    | 5.4    | 6.6  | 7.7    | 8.8  | 9.8    | 10.8 | 11.7   | 12.5 | 13.4   | 14.4 | 15.3   |
| 42.5°  | 5.7    | 6.8  | 7.9    | 9.1  | 10.3   | 11.6 | 12.6   | 13.3 | 14.2   | 15.2 | 16.3   |
| 45°    | 6.0    | 7.3  | 8.6    | 9.7  | 10.7   | 11.7 | 12.7   | 13.7 | 14.7   | 15.7 | 16.9   |
| 47.5°  | 6.0    | 7.3  | 8.7    | 10.0 | 11.4   | 12.1 | 12.7   | 13.6 | 14.7   | 15.9 | 17.2   |
| 50°    | 6.2    | 7.4  | 8.7    | 10.1 | 11.0   | 11.9 | 12.8   | 13.7 | 14.6   | 15.8 | 17.2   |
| 52.5°  | 6.6    | 8.0  | 9.2    | 10.0 | 10.6   | 11.5 | 12.4   | 13.5 | 14.6   | 15.8 | 17.1   |
| 55°    | 6.6    | 8.0  | 9.3    | 10.1 | 10.8   | 11.3 | 12.2   | 13.1 | 14.3   | 15.7 | 17.0   |
| 57.5°  | 6.5    | 8.0  | 8.9    | 9.7  | 10.6   | 11.5 | 12.2   | 13.0 | 13.9   | 15.3 | 16.8   |
| 60°    | 6.4    | 7.6  | 8.5    | 9.4  | 10.3   | 11.3 | 12.2   | 13.0 | 13.9   | 14.9 | 17.4   |
| 62.5°  | 6.2    | 7.2  | 8.2    | 9.2  | 10.1   | 11.1 | 12.1   | 13.0 | 14.3   | 16.3 | 18.7   |
| 65°    | 5.8    | 6.8  | 7.9    | 8.9  | 10.0   | 11.0 | 12.0   | 13.6 | 15.6   | 17.6 | 20.1   |
| 67.5°  | 5.3    | 6.4  | 7.7    | 8.8  | 9.9    | 11.0 | 12.6   | 14.4 | 16.5   | 18.8 | 21.3   |
| 70°    | 4.6    | 5.8  | 7.3    | 8.7  | 9.9    | 11.3 | 13.0   | 15.0 | 17.2   | 19.9 | 22.5   |
| 72.5°  | 4.1    | 5.1  | 6.6    | 8.3  | 10.0   | 11.4 | 13.3   | 15.5 | 17.8   | 20.6 | 23.7   |
| 75°    | 3.6    | 4.7  | 5.9    | 7.7  | 9.8    | 11.6 | 13.5   | 15.9 | 18.4   | 21.3 | 24.9   |
| 77.5°  | 2.7    | 4.2  | 5.4    | 7.1  | 9.4    | 11.7 | 13.5   | 16.2 | 19.0   | 21.9 | 25.3   |
| 80°    | 2.0    | 3.1  | 5.0    | 6.6  | 9.0    | 11.6 | 13.7   | 16.2 | 19.1   | 22.2 | 25.7   |
| 82.5°  | 1.0    | 2.2  | 4.2    | 6.3  | 8.5    | 11.2 | 13.7   | 16.3 | 19.4   | 22.6 | 26.2   |
| 85°    | 0.3    | 1.5  | 3.4    | 5.8  | 8.1    | 11.1 | 13.7   | 16.6 | 19.8   | 23.1 | 27.0   |
| 87.5°  | 0.1    | 1.0  | 2.9    | 5.4  | 7.9    | 11.2 | 13.8   | 17.0 | 20.4   | 23.8 | 28.0   |
| 90°    | 0.0    | 0.9  | 2.7    | 5.3  | 8.0    | 11.5 | 14.1   | 17.7 | 21.2   | 24.7 | 29.2   |
| 92.5°  | 0.1    | 1.0  | 2.9    | 5.4  | 7.9    | 11.2 | 13.8   | 17.0 | 20.4   | 23.8 | 28.0   |
| 95°    | 0.3    | 1.5  | 3.4    | 5.8  | 8.1    | 11.1 | 13.7   | 16.6 | 19.8   | 23.1 | 27.0   |
| 97.5°  | 1.0    | 2.2  | 4.2    | 6.3  | 8.5    | 11.2 | 13.7   | 16.3 | 19.4   | 22.6 | 26.2   |
| 100°   | 2.0    | 3.1  | 5.0    | 6.6  | 9.0    | 11.6 | 13.7   | 16.2 | 19.1   | 22.2 | 25.7   |
| 102.5° | 2.7    | 4.2  | 5.4    | 7.1  | 9.4    | 11.7 | 13.5   | 16.2 | 19.0   | 21.9 | 25.3   |
| 105°   | 3.6    | 4.7  | 5.9    | 7.7  | 9.8    | 11.6 | 13.5   | 15.9 | 18.4   | 21.3 | 24.9   |
| 107.5° | 4.1    | 5.1  | 6.6    | 8.3  | 10.0   | 11.4 | 13.3   | 15.5 | 17.8   | 20.6 | 23.7   |
| 110°   | 4.6    | 5.8  | 7.3    | 8.7  | 9.9    | 11.3 | 13.0   | 15.0 | 17.2   | 19.9 | 22.5   |



TEST NUMBER: P231879

CATALOG NUMBER: FVS4WM-2-LD4-50-1STD-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

|        | 192.5° | 195° | 197.5° | 200° | 202.5° | 205° | 207.5° | 210° | 212.5° | 215° | 217.5° |
|--------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|
| 112.5° | 5.3    | 6.4  | 7.7    | 8.8  | 9.9    | 11.0 | 12.6   | 14.4 | 16.5   | 18.8 | 21.3   |
| 115°   | 5.8    | 6.8  | 7.9    | 8.9  | 10.0   | 11.0 | 12.0   | 13.6 | 15.6   | 17.6 | 20.1   |
| 117.5° | 6.2    | 7.2  | 8.2    | 9.2  | 10.1   | 11.1 | 12.1   | 13.0 | 14.3   | 16.3 | 18.7   |
| 120°   | 6.4    | 7.6  | 8.5    | 9.4  | 10.3   | 11.3 | 12.2   | 13.0 | 13.9   | 14.9 | 17.4   |
| 122.5° | 6.5    | 8.0  | 8.9    | 9.7  | 10.6   | 11.5 | 12.2   | 13.0 | 13.9   | 15.3 | 16.8   |
| 125°   | 6.6    | 8.0  | 9.3    | 10.1 | 10.8   | 11.3 | 12.2   | 13.1 | 14.3   | 15.7 | 17.0   |
| 127.5° | 6.6    | 8.0  | 9.2    | 10.0 | 10.6   | 11.5 | 12.4   | 13.5 | 14.6   | 15.8 | 17.1   |
| 130°   | 6.2    | 7.4  | 8.7    | 10.1 | 11.0   | 11.9 | 12.8   | 13.7 | 14.6   | 15.8 | 17.2   |
| 132.5° | 6.0    | 7.3  | 8.7    | 10.0 | 11.4   | 12.1 | 12.7   | 13.6 | 14.7   | 15.9 | 17.2   |
| 135°   | 6.0    | 7.3  | 8.6    | 9.7  | 10.7   | 11.7 | 12.7   | 13.7 | 14.7   | 15.7 | 16.9   |
| 137.5° | 5.7    | 6.8  | 7.9    | 9.1  | 10.3   | 11.6 | 12.6   | 13.3 | 14.2   | 15.2 | 16.3   |
| 140°   | 5.4    | 6.6  | 7.7    | 8.8  | 9.8    | 10.8 | 11.7   | 12.5 | 13.4   | 14.4 | 15.3   |
| 142.5° | 5.2    | 6.2  | 7.2    | 8.1  | 9.0    | 9.9  | 10.8   | 11.6 | 12.3   | 13.2 | 14.2   |
| 145°   | 4.7    | 5.7  | 6.6    | 7.4  | 8.3    | 9.1  | 9.9    | 10.6 | 11.4   | 12.1 | 12.9   |
| 147.5° | 4.3    | 5.2  | 6.0    | 6.8  | 7.6    | 8.3  | 9.0    | 9.7  | 10.4   | 11.1 | 11.7   |
| 150°   | 3.9    | 4.7  | 5.4    | 6.2  | 6.9    | 7.6  | 8.2    | 8.9  | 9.5    | 10.3 | 11.2   |
| 152.5° | 3.5    | 4.2  | 4.9    | 5.6  | 6.2    | 6.9  | 7.6    | 8.4  | 9.1    | 9.8  | 10.4   |
| 155°   | 3.2    | 3.9  | 4.6    | 5.2  | 5.9    | 6.6  | 7.2    | 7.8  | 8.3    | 8.9  | 9.5    |
| 157.5° | 3.0    | 3.6  | 4.2    | 4.8  | 5.3    | 5.9  | 6.4    | 7.0  | 7.6    | 8.2  | 8.8    |
| 160°   | 2.7    | 3.2  | 3.8    | 4.3  | 4.9    | 5.4  | 6.0    | 6.5  | 6.9    | 7.4  | 7.8    |
| 162.5° | 2.4    | 2.9  | 3.4    | 3.9  | 4.3    | 4.8  | 5.2    | 5.6  | 6.1    | 6.5  | 7.0    |
| 165°   | 2.1    | 2.5  | 2.9    | 3.4  | 3.8    | 4.2  | 4.6    | 5.0  | 5.4    | 5.8  | 6.2    |
| 167.5° | 1.8    | 2.2  | 2.5    | 2.9  | 3.2    | 3.6  | 3.9    | 4.2  | 4.5    | 4.8  | 5.1    |
| 170°   | 1.5    | 1.7  | 2.0    | 2.3  | 2.6    | 2.8  | 3.1    | 3.4  | 3.6    | 3.9  | 4.1    |
| 172.5° | 1.1    | 1.3  | 1.5    | 1.7  | 1.9    | 2.2  | 2.4    | 2.6  | 2.8    | 3.0  | 3.2    |
| 175°   | 0.8    | 0.9  | 1.1    | 1.2  | 1.4    | 1.5  | 1.7    | 1.8  | 1.9    | 2.1  | 2.2    |
| 177.5° | 0.4    | 0.5  | 0.6    | 0.6  | 0.7    | 0.8  | 0.9    | 0.9  | 1.0    | 1.1  | 1.2    |
| 180°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |



TEST NUMBER: P231879

CATALOG NUMBER: FVS4WM-2-LD4-50-1STD-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

|        | 220° | 222.5° | 225° | 227.5° | 230° | 232.5° | 235° | 237.5° | 240° | 242.5° | 245° |
|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|
| 0°     | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 2.5°   | 1.2  | 1.3    | 1.4  | 1.4    | 1.5  | 1.5    | 1.6  | 1.7    | 1.7  | 1.8    | 1.8  |
| 5°     | 2.3  | 2.5    | 2.6  | 2.7    | 2.8  | 2.9    | 3.0  | 3.1    | 3.2  | 3.3    | 3.4  |
| 7.5°   | 3.4  | 3.5    | 3.7  | 3.9    | 4.1  | 4.3    | 4.4  | 4.6    | 4.7  | 4.9    | 5.0  |
| 10°    | 4.3  | 4.5    | 4.8  | 5.0    | 5.3  | 5.5    | 5.7  | 5.9    | 6.1  | 6.3    | 6.5  |
| 12.5°  | 5.4  | 5.7    | 5.9  | 6.2    | 6.4  | 6.7    | 6.9  | 7.2    | 7.5  | 7.7    | 8.0  |
| 15°    | 6.5  | 6.8    | 7.2  | 7.5    | 7.7  | 8.0    | 8.3  | 8.5    | 8.7  | 9.0    | 9.4  |
| 17.5°  | 7.5  | 8.0    | 8.4  | 8.7    | 9.1  | 9.4    | 9.7  | 9.9    | 10.2 | 10.4   | 10.7 |
| 20°    | 8.3  | 8.7    | 9.3  | 9.8    | 10.3 | 10.7   | 11.1 | 11.4   | 11.7 | 11.9   | 12.2 |
| 22.5°  | 9.3  | 9.8    | 10.2 | 10.6   | 11.2 | 11.8   | 12.4 | 12.8   | 13.2 | 13.4   | 13.7 |
| 25°    | 10.1 | 10.8   | 11.4 | 11.9   | 12.3 | 12.8   | 13.4 | 14.1   | 14.7 | 15.0   | 15.9 |
| 27.5°  | 10.9 | 11.5   | 12.2 | 13.0   | 13.6 | 14.1   | 15.0 | 16.3   | 17.8 | 19.3   | 20.5 |
| 30°    | 12.0 | 12.6   | 13.1 | 14.1   | 15.4 | 16.9   | 18.2 | 19.5   | 21.0 | 22.8   | 24.6 |
| 32.5°  | 12.5 | 13.8   | 15.1 | 16.2   | 17.4 | 19.0   | 20.7 | 22.4   | 24.1 | 26.0   | 28.2 |
| 35°    | 13.9 | 14.9   | 16.4 | 18.0   | 19.4 | 20.8   | 22.7 | 24.8   | 26.8 | 28.9   | 31.3 |
| 37.5°  | 15.3 | 16.4   | 17.7 | 19.2   | 21.0 | 22.7   | 24.4 | 26.6   | 29.1 | 31.6   | 34.1 |
| 40°    | 16.4 | 17.7   | 19.0 | 20.4   | 22.1 | 24.2   | 26.2 | 28.2   | 31.0 | 33.9   | 36.8 |
| 42.5°  | 17.4 | 18.6   | 20.1 | 21.6   | 23.3 | 25.3   | 27.6 | 30.0   | 32.5 | 35.9   | 39.3 |
| 45°    | 18.3 | 19.6   | 20.9 | 22.6   | 24.4 | 26.4   | 28.8 | 31.5   | 34.1 | 37.5   | 41.4 |
| 47.5°  | 18.7 | 20.3   | 21.8 | 23.4   | 25.4 | 27.5   | 29.8 | 32.7   | 35.7 | 38.9   | 43.3 |
| 50°    | 18.8 | 20.6   | 22.5 | 24.2   | 26.1 | 28.5   | 31.0 | 33.9   | 37.7 | 41.0   | 44.6 |
| 52.5°  | 18.6 | 20.6   | 22.7 | 25.0   | 26.9 | 30.1   | 33.7 | 37.2   | 40.7 | 43.8   | 46.5 |
| 55°    | 18.6 | 20.3   | 22.9 | 26.5   | 30.0 | 33.2   | 36.9 | 40.7   | 44.2 | 47.2   | 49.1 |
| 57.5°  | 18.7 | 21.5   | 24.9 | 28.7   | 32.8 | 36.4   | 40.2 | 44.1   | 48.0 | 50.8   | 52.4 |
| 60°    | 20.3 | 23.5   | 26.8 | 30.8   | 35.2 | 39.5   | 43.5 | 47.6   | 51.7 | 54.7   | 56.2 |
| 62.5°  | 21.7 | 25.1   | 28.8 | 32.9   | 37.4 | 42.3   | 46.7 | 51.1   | 55.4 | 58.9   | 60.3 |
| 65°    | 23.1 | 26.5   | 30.6 | 34.9   | 39.6 | 44.8   | 49.9 | 54.6   | 59.1 | 63.3   | 64.8 |
| 67.5°  | 24.6 | 27.9   | 32.2 | 36.9   | 41.8 | 47.2   | 52.9 | 58.1   | 62.8 | 67.5   | 69.0 |
| 70°    | 25.8 | 29.5   | 33.7 | 38.8   | 44.0 | 49.6   | 55.9 | 61.6   | 66.6 | 71.1   | 72.3 |
| 72.5°  | 26.9 | 31.1   | 35.1 | 40.6   | 46.2 | 51.6   | 57.6 | 63.0   | 67.2 | 70.6   | 71.8 |
| 75°    | 28.0 | 32.3   | 36.2 | 41.2   | 46.7 | 52.3   | 58.3 | 63.8   | 67.7 | 70.4   | 71.4 |
| 77.5°  | 28.6 | 32.7   | 36.9 | 41.6   | 47.4 | 53.2   | 59.2 | 64.9   | 68.5 | 70.6   | 71.0 |
| 80°    | 29.2 | 33.2   | 37.7 | 42.3   | 48.1 | 54.2   | 60.2 | 66.2   | 69.6 | 71.1   | 70.8 |
| 82.5°  | 29.9 | 33.8   | 38.6 | 43.1   | 49.1 | 55.4   | 61.5 | 67.8   | 70.8 | 71.8   | 70.6 |
| 85°    | 30.6 | 34.7   | 39.7 | 44.1   | 50.2 | 56.8   | 62.9 | 69.5   | 72.2 | 72.5   | 70.3 |
| 87.5°  | 31.6 | 35.8   | 41.0 | 45.3   | 51.5 | 58.3   | 64.5 | 71.4   | 73.6 | 73.4   | 70.1 |
| 90°    | 32.7 | 37.1   | 42.4 | 46.8   | 53.0 | 60.1   | 66.3 | 73.3   | 75.1 | 74.2   | 69.8 |
| 92.5°  | 31.6 | 35.8   | 41.0 | 45.3   | 51.5 | 58.3   | 64.5 | 71.4   | 73.6 | 73.4   | 70.1 |
| 95°    | 30.6 | 34.7   | 39.7 | 44.1   | 50.2 | 56.8   | 62.9 | 69.5   | 72.2 | 72.5   | 70.3 |
| 97.5°  | 29.9 | 33.8   | 38.6 | 43.1   | 49.1 | 55.4   | 61.5 | 67.8   | 70.8 | 71.8   | 70.6 |
| 100°   | 29.2 | 33.2   | 37.7 | 42.3   | 48.1 | 54.2   | 60.2 | 66.2   | 69.6 | 71.1   | 70.8 |
| 102.5° | 28.6 | 32.7   | 36.9 | 41.6   | 47.4 | 53.2   | 59.2 | 64.9   | 68.5 | 70.6   | 71.0 |
| 105°   | 28.0 | 32.3   | 36.2 | 41.2   | 46.7 | 52.3   | 58.3 | 63.8   | 67.7 | 70.4   | 71.4 |
| 107.5° | 26.9 | 31.1   | 35.1 | 40.6   | 46.2 | 51.6   | 57.6 | 63.0   | 67.2 | 70.6   | 71.8 |
| 110°   | 25.8 | 29.5   | 33.7 | 38.8   | 44.0 | 49.6   | 55.9 | 61.6   | 66.6 | 71.1   | 72.3 |



TEST NUMBER: P231879

CATALOG NUMBER: FVS4WM-2-LD4-50-1STD-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

|        | 220° | 222.5° | 225° | 227.5° | 230° | 232.5° | 235° | 237.5° | 240° | 242.5° | 245° |
|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|
| 112.5° | 24.6 | 27.9   | 32.2 | 36.9   | 41.8 | 47.2   | 52.9 | 58.1   | 62.8 | 67.5   | 69.0 |
| 115°   | 23.1 | 26.5   | 30.6 | 34.9   | 39.6 | 44.8   | 49.9 | 54.6   | 59.1 | 63.3   | 64.8 |
| 117.5° | 21.7 | 25.1   | 28.8 | 32.9   | 37.4 | 42.3   | 46.7 | 51.1   | 55.4 | 58.9   | 60.3 |
| 120°   | 20.3 | 23.5   | 26.8 | 30.8   | 35.2 | 39.5   | 43.5 | 47.6   | 51.7 | 54.7   | 56.2 |
| 122.5° | 18.7 | 21.5   | 24.9 | 28.7   | 32.8 | 36.4   | 40.2 | 44.1   | 48.0 | 50.8   | 52.4 |
| 125°   | 18.6 | 20.3   | 22.9 | 26.5   | 30.0 | 33.2   | 36.9 | 40.7   | 44.2 | 47.2   | 49.1 |
| 127.5° | 18.6 | 20.6   | 22.7 | 25.0   | 26.9 | 30.1   | 33.7 | 37.2   | 40.7 | 43.8   | 46.5 |
| 130°   | 18.8 | 20.6   | 22.5 | 24.2   | 26.1 | 28.5   | 31.0 | 33.9   | 37.7 | 41.0   | 44.6 |
| 132.5° | 18.7 | 20.3   | 21.8 | 23.4   | 25.4 | 27.5   | 29.8 | 32.7   | 35.7 | 38.9   | 43.3 |
| 135°   | 18.3 | 19.6   | 20.9 | 22.6   | 24.4 | 26.4   | 28.8 | 31.5   | 34.1 | 37.5   | 41.4 |
| 137.5° | 17.4 | 18.6   | 20.1 | 21.6   | 23.3 | 25.3   | 27.6 | 30.0   | 32.5 | 35.9   | 39.3 |
| 140°   | 16.4 | 17.7   | 19.0 | 20.4   | 22.1 | 24.2   | 26.2 | 28.2   | 31.0 | 33.9   | 36.8 |
| 142.5° | 15.3 | 16.4   | 17.7 | 19.2   | 21.0 | 22.7   | 24.4 | 26.6   | 29.1 | 31.6   | 34.1 |
| 145°   | 13.9 | 14.9   | 16.4 | 18.0   | 19.4 | 20.8   | 22.7 | 24.8   | 26.8 | 28.9   | 31.3 |
| 147.5° | 12.5 | 13.8   | 15.1 | 16.2   | 17.4 | 19.0   | 20.7 | 22.4   | 24.1 | 26.0   | 28.2 |
| 150°   | 12.0 | 12.6   | 13.1 | 14.1   | 15.4 | 16.9   | 18.2 | 19.5   | 21.0 | 22.8   | 24.6 |
| 152.5° | 10.9 | 11.5   | 12.2 | 13.0   | 13.6 | 14.1   | 15.0 | 16.3   | 17.8 | 19.3   | 20.5 |
| 155°   | 10.1 | 10.8   | 11.4 | 11.9   | 12.3 | 12.8   | 13.4 | 14.1   | 14.7 | 15.0   | 15.9 |
| 157.5° | 9.3  | 9.8    | 10.2 | 10.6   | 11.2 | 11.8   | 12.4 | 12.8   | 13.2 | 13.4   | 13.7 |
| 160°   | 8.3  | 8.7    | 9.3  | 9.8    | 10.3 | 10.7   | 11.1 | 11.4   | 11.7 | 11.9   | 12.2 |
| 162.5° | 7.5  | 8.0    | 8.4  | 8.7    | 9.1  | 9.4    | 9.7  | 9.9    | 10.2 | 10.4   | 10.7 |
| 165°   | 6.5  | 6.8    | 7.2  | 7.5    | 7.7  | 8.0    | 8.3  | 8.5    | 8.7  | 9.0    | 9.4  |
| 167.5° | 5.4  | 5.7    | 5.9  | 6.2    | 6.4  | 6.7    | 6.9  | 7.2    | 7.5  | 7.7    | 8.0  |
| 170°   | 4.3  | 4.5    | 4.8  | 5.0    | 5.3  | 5.5    | 5.7  | 5.9    | 6.1  | 6.3    | 6.5  |
| 172.5° | 3.4  | 3.5    | 3.7  | 3.9    | 4.1  | 4.3    | 4.4  | 4.6    | 4.7  | 4.9    | 5.0  |
| 175°   | 2.3  | 2.5    | 2.6  | 2.7    | 2.8  | 2.9    | 3.0  | 3.1    | 3.2  | 3.3    | 3.4  |
| 177.5° | 1.2  | 1.3    | 1.4  | 1.4    | 1.5  | 1.5    | 1.6  | 1.7    | 1.7  | 1.8    | 1.8  |
| 180°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |



TEST NUMBER: P231879

CATALOG NUMBER: FVS4WM-2-LD4-50-1STD-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250° | 252.5° | 255° | 257.5° | 260° | 262.5° | 265° | 267.5° | 270°  | 272.5° |
|--------|--------|------|--------|------|--------|------|--------|------|--------|-------|--------|
| 0°     | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0   | 0.0    |
| 2.5°   | 1.8    | 1.9  | 1.9    | 1.9  | 2.0    | 2.0  | 2.0    | 2.0  | 2.1    | 2.1   | 2.4    |
| 5°     | 3.5    | 3.6  | 3.7    | 3.8  | 3.9    | 3.9  | 4.0    | 4.0  | 4.1    | 4.1   | 4.7    |
| 7.5°   | 5.1    | 5.3  | 5.4    | 5.5  | 5.7    | 5.8  | 5.9    | 6.0  | 6.1    | 6.2   | 7.0    |
| 10°    | 6.7    | 6.9  | 7.1    | 7.2  | 7.4    | 7.6  | 7.8    | 8.0  | 8.1    | 8.3   | 9.4    |
| 12.5°  | 8.2    | 8.5  | 8.7    | 8.9  | 9.1    | 9.3  | 9.6    | 9.9  | 10.1   | 10.3  | 11.6   |
| 15°    | 9.7    | 10.0 | 10.3   | 10.5 | 10.8   | 11.0 | 11.4   | 11.7 | 12.1   | 12.4  | 13.9   |
| 17.5°  | 11.1   | 11.4 | 11.8   | 12.1 | 12.4   | 12.7 | 13.1   | 13.6 | 14.0   | 14.5  | 16.2   |
| 20°    | 12.4   | 12.8 | 13.3   | 13.7 | 14.1   | 14.4 | 14.8   | 15.4 | 16.0   | 16.5  | 18.4   |
| 22.5°  | 14.0   | 14.2 | 14.7   | 15.2 | 15.6   | 16.1 | 16.5   | 17.2 | 17.9   | 18.6  | 20.6   |
| 25°    | 16.8   | 17.6 | 18.5   | 19.5 | 20.4   | 21.1 | 21.7   | 22.4 | 23.1   | 23.8  | 25.9   |
| 27.5°  | 21.7   | 22.9 | 24.0   | 25.1 | 26.0   | 26.7 | 27.2   | 27.7 | 28.4   | 29.0  | 31.2   |
| 30°    | 26.2   | 27.8 | 29.2   | 30.7 | 31.6   | 32.4 | 32.8   | 33.1 | 33.7   | 34.2  | 36.5   |
| 32.5°  | 30.3   | 32.3 | 34.2   | 36.0 | 37.3   | 38.1 | 38.5   | 38.6 | 39.0   | 39.4  | 41.8   |
| 35°    | 33.9   | 36.4 | 38.9   | 41.1 | 43.0   | 43.8 | 44.2   | 44.2 | 44.4   | 44.6  | 47.0   |
| 37.5°  | 37.2   | 40.2 | 43.2   | 46.0 | 48.8   | 49.5 | 49.9   | 49.7 | 49.7   | 49.8  | 52.2   |
| 40°    | 40.1   | 43.7 | 47.2   | 50.7 | 53.8   | 55.3 | 55.8   | 55.4 | 55.1   | 55.0  | 57.5   |
| 42.5°  | 42.8   | 46.9 | 51.0   | 55.3 | 58.8   | 61.1 | 61.6   | 61.1 | 60.5   | 60.2  | 62.6   |
| 45°    | 45.4   | 49.8 | 54.5   | 59.3 | 63.7   | 67.0 | 67.4   | 66.8 | 66.0   | 65.4  | 67.8   |
| 47.5°  | 47.6   | 51.8 | 56.4   | 61.0 | 65.3   | 69.2 | 69.9   | 70.1 | 70.5   | 71.4  | 75.6   |
| 50°    | 48.4   | 52.2 | 56.8   | 61.3 | 65.8   | 70.2 | 71.9   | 73.2 | 74.9   | 77.4  | 83.6   |
| 52.5°  | 49.6   | 53.1 | 57.2   | 61.8 | 66.2   | 70.9 | 73.8   | 76.2 | 79.1   | 83.4  | 91.7   |
| 55°    | 51.5   | 54.2 | 57.8   | 62.4 | 66.7   | 71.6 | 75.5   | 79.0 | 83.3   | 89.4  | 99.9   |
| 57.5°  | 53.8   | 55.7 | 58.6   | 63.1 | 67.3   | 72.4 | 77.0   | 81.6 | 87.3   | 95.3  | 108.1  |
| 60°    | 56.7   | 57.5 | 59.6   | 63.9 | 68.0   | 73.1 | 78.5   | 84.1 | 91.3   | 101.3 | 116.5  |
| 62.5°  | 59.9   | 59.6 | 61.0   | 64.9 | 68.9   | 73.8 | 79.8   | 86.5 | 95.3   | 107.3 | 125.0  |
| 65°    | 63.6   | 62.3 | 62.8   | 65.9 | 69.8   | 74.6 | 81.1   | 88.8 | 99.1   | 113.3 | 133.5  |
| 67.5°  | 67.6   | 65.3 | 64.6   | 67.0 | 70.9   | 75.3 | 82.3   | 91.0 | 102.9  | 119.3 | 142.1  |
| 70°    | 70.2   | 67.0 | 65.4   | 66.9 | 70.7   | 74.9 | 81.6   | 90.3 | 102.2  | 118.9 | 141.8  |
| 72.5°  | 70.0   | 67.0 | 65.3   | 66.5 | 70.2   | 74.3 | 80.7   | 89.6 | 101.5  | 118.5 | 141.5  |
| 75°    | 69.7   | 66.9 | 65.2   | 66.1 | 69.6   | 73.8 | 79.9   | 88.9 | 100.7  | 118.1 | 141.9  |
| 77.5°  | 69.3   | 66.7 | 65.1   | 65.9 | 69.1   | 73.4 | 79.1   | 88.2 | 100.1  | 117.7 | 141.2  |
| 80°    | 68.9   | 66.4 | 65.0   | 65.7 | 68.7   | 73.1 | 78.4   | 87.6 | 99.4   | 117.3 | 140.6  |
| 82.5°  | 68.3   | 66.0 | 64.9   | 65.5 | 68.2   | 72.9 | 77.7   | 87.1 | 98.8   | 116.9 | 139.9  |
| 85°    | 67.7   | 65.5 | 64.7   | 65.5 | 67.8   | 72.7 | 77.1   | 86.6 | 98.2   | 116.5 | 139.2  |
| 87.5°  | 67.0   | 65.0 | 64.6   | 65.4 | 67.4   | 72.5 | 76.5   | 86.1 | 97.7   | 116.1 | 138.5  |
| 90°    | 66.3   | 64.5 | 64.5   | 65.4 | 67.1   | 72.4 | 76.0   | 85.7 | 97.2   | 115.7 | 137.8  |
| 92.5°  | 67.0   | 65.0 | 64.6   | 65.4 | 67.4   | 72.5 | 76.5   | 86.1 | 97.7   | 116.1 | 138.5  |
| 95°    | 67.7   | 65.5 | 64.7   | 65.5 | 67.8   | 72.7 | 77.1   | 86.6 | 98.2   | 116.5 | 139.2  |
| 97.5°  | 68.3   | 66.0 | 64.9   | 65.5 | 68.2   | 72.9 | 77.7   | 87.1 | 98.8   | 116.9 | 139.9  |
| 100°   | 68.9   | 66.4 | 65.0   | 65.7 | 68.7   | 73.1 | 78.4   | 87.6 | 99.4   | 117.3 | 140.6  |
| 102.5° | 69.3   | 66.7 | 65.1   | 65.9 | 69.1   | 73.4 | 79.1   | 88.2 | 100.1  | 117.7 | 141.2  |
| 105°   | 69.7   | 66.9 | 65.2   | 66.1 | 69.6   | 73.8 | 79.9   | 88.9 | 100.7  | 118.1 | 141.9  |
| 107.5° | 70.0   | 67.0 | 65.3   | 66.5 | 70.2   | 74.3 | 80.7   | 89.6 | 101.5  | 118.5 | 141.5  |
| 110°   | 70.2   | 67.0 | 65.4   | 66.9 | 70.7   | 74.9 | 81.6   | 90.3 | 102.2  | 118.9 | 141.8  |





TEST NUMBER: P231879

CATALOG NUMBER: FVS4WM-2-LD4-50-1STD-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250° | 252.5° | 255° | 257.5° | 260° | 262.5° | 265° | 267.5° | 270°  | 272.5° |
|--------|--------|------|--------|------|--------|------|--------|------|--------|-------|--------|
| 112.5° | 67.6   | 65.3 | 64.6   | 67.0 | 70.9   | 75.3 | 82.3   | 91.0 | 102.9  | 119.3 | 142.1  |
| 115°   | 63.6   | 62.3 | 62.8   | 65.9 | 69.8   | 74.6 | 81.1   | 88.8 | 99.1   | 113.3 | 133.5  |
| 117.5° | 59.9   | 59.6 | 61.0   | 64.9 | 68.9   | 73.8 | 79.8   | 86.5 | 95.3   | 107.3 | 125.0  |
| 120°   | 56.7   | 57.5 | 59.6   | 63.9 | 68.0   | 73.1 | 78.5   | 84.1 | 91.3   | 101.3 | 116.5  |
| 122.5° | 53.8   | 55.7 | 58.6   | 63.1 | 67.3   | 72.4 | 77.0   | 81.6 | 87.3   | 95.3  | 108.1  |
| 125°   | 51.5   | 54.2 | 57.8   | 62.4 | 66.7   | 71.6 | 75.5   | 79.0 | 83.3   | 89.4  | 99.9   |
| 127.5° | 49.6   | 53.1 | 57.2   | 61.8 | 66.2   | 70.9 | 73.8   | 76.2 | 79.1   | 83.4  | 91.7   |
| 130°   | 48.4   | 52.2 | 56.8   | 61.3 | 65.8   | 70.2 | 71.9   | 73.2 | 74.9   | 77.4  | 83.6   |
| 132.5° | 47.6   | 51.8 | 56.4   | 61.0 | 65.3   | 69.2 | 69.9   | 70.1 | 70.5   | 71.4  | 75.6   |
| 135°   | 45.4   | 49.8 | 54.5   | 59.3 | 63.7   | 67.0 | 67.4   | 66.8 | 66.0   | 65.4  | 67.8   |
| 137.5° | 42.8   | 46.9 | 51.0   | 55.3 | 58.8   | 61.1 | 61.6   | 61.1 | 60.5   | 60.2  | 62.6   |
| 140°   | 40.1   | 43.7 | 47.2   | 50.7 | 53.8   | 55.3 | 55.8   | 55.4 | 55.1   | 55.0  | 57.5   |
| 142.5° | 37.2   | 40.2 | 43.2   | 46.0 | 48.8   | 49.5 | 49.9   | 49.7 | 49.7   | 49.8  | 52.2   |
| 145°   | 33.9   | 36.4 | 38.9   | 41.1 | 43.0   | 43.8 | 44.2   | 44.2 | 44.4   | 44.6  | 47.0   |
| 147.5° | 30.3   | 32.3 | 34.2   | 36.0 | 37.3   | 38.1 | 38.5   | 38.6 | 39.0   | 39.4  | 41.8   |
| 150°   | 26.2   | 27.8 | 29.2   | 30.7 | 31.6   | 32.4 | 32.8   | 33.1 | 33.7   | 34.2  | 36.5   |
| 152.5° | 21.7   | 22.9 | 24.0   | 25.1 | 26.0   | 26.7 | 27.2   | 27.7 | 28.4   | 29.0  | 31.2   |
| 155°   | 16.8   | 17.6 | 18.5   | 19.5 | 20.4   | 21.1 | 21.7   | 22.4 | 23.1   | 23.8  | 25.9   |
| 157.5° | 14.0   | 14.2 | 14.7   | 15.2 | 15.6   | 16.1 | 16.5   | 17.2 | 17.9   | 18.6  | 20.6   |
| 160°   | 12.4   | 12.8 | 13.3   | 13.7 | 14.1   | 14.4 | 14.8   | 15.4 | 16.0   | 16.5  | 18.4   |
| 162.5° | 11.1   | 11.4 | 11.8   | 12.1 | 12.4   | 12.7 | 13.1   | 13.6 | 14.0   | 14.5  | 16.2   |
| 165°   | 9.7    | 10.0 | 10.3   | 10.5 | 10.8   | 11.0 | 11.4   | 11.7 | 12.1   | 12.4  | 13.9   |
| 167.5° | 8.2    | 8.5  | 8.7    | 8.9  | 9.1    | 9.3  | 9.6    | 9.9  | 10.1   | 10.3  | 11.6   |
| 170°   | 6.7    | 6.9  | 7.1    | 7.2  | 7.4    | 7.6  | 7.8    | 8.0  | 8.1    | 8.3   | 9.4    |
| 172.5° | 5.1    | 5.3  | 5.4    | 5.5  | 5.7    | 5.8  | 5.9    | 6.0  | 6.1    | 6.2   | 7.0    |
| 175°   | 3.5    | 3.6  | 3.7    | 3.8  | 3.9    | 3.9  | 4.0    | 4.0  | 4.1    | 4.1   | 4.7    |
| 177.5° | 1.8    | 1.9  | 1.9    | 1.9  | 2.0    | 2.0  | 2.0    | 2.0  | 2.1    | 2.1   | 2.4    |
| 180°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0   | 0.0    |



TEST NUMBER: P231879

CATALOG NUMBER: FVS4WM-2-LD4-50-1STD-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

|        | 275°  | 277.5° | 280°  | 282.5° | 285°  | 287.5° | 290°  | 292.5° | 295°  | 297.5° | 300°  |
|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|
| 0°     | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   |
| 2.5°   | 2.7   | 2.9    | 3.2   | 3.5    | 3.8   | 4.0    | 4.3   | 4.6    | 4.8   | 5.0    | 5.3   |
| 5°     | 5.3   | 5.8    | 6.4   | 6.9    | 7.5   | 8.0    | 8.5   | 9.0    | 9.4   | 9.9    | 10.3  |
| 7.5°   | 7.9   | 8.7    | 9.5   | 10.3   | 11.0  | 11.8   | 12.6  | 13.6   | 14.5  | 15.5   | 16.4  |
| 10°    | 10.4  | 11.5   | 12.5  | 13.5   | 14.6  | 15.9   | 17.2  | 18.5   | 19.8  | 21.0   | 22.2  |
| 12.5°  | 12.9  | 14.2   | 15.4  | 16.8   | 18.5  | 20.1   | 21.7  | 23.2   | 24.6  | 25.7   | 26.8  |
| 15°    | 15.4  | 16.9   | 18.4  | 20.3   | 22.2  | 24.1   | 25.9  | 27.4   | 28.9  | 30.3   | 31.9  |
| 17.5°  | 17.8  | 19.5   | 21.5  | 23.6   | 25.8  | 27.8   | 29.8  | 31.6   | 33.4  | 35.4   | 37.3  |
| 20°    | 20.2  | 22.1   | 24.5  | 26.8   | 29.2  | 31.5   | 33.8  | 36.0   | 38.5  | 40.8   | 43.1  |
| 22.5°  | 22.6  | 24.8   | 27.4  | 29.9   | 32.6  | 35.4   | 38.1  | 40.9   | 43.7  | 46.3   | 48.6  |
| 25°    | 27.9  | 30.3   | 32.8  | 35.4   | 38.3  | 41.0   | 43.9  | 46.7   | 49.3  | 51.7   | 54.3  |
| 27.5°  | 33.3  | 36.0   | 38.6  | 41.6   | 44.6  | 47.7   | 50.8  | 53.8   | 56.4  | 59.0   | 61.6  |
| 30°    | 38.7  | 41.5   | 44.3  | 47.7   | 51.2  | 54.3   | 57.5  | 60.5   | 63.4  | 66.2   | 68.9  |
| 32.5°  | 44.1  | 47.0   | 50.1  | 53.7   | 57.2  | 60.7   | 64.0  | 67.2   | 70.2  | 73.0   | 75.1  |
| 35°    | 49.5  | 52.4   | 55.8  | 59.7   | 63.3  | 67.1   | 70.4  | 73.7   | 76.6  | 79.1   | 80.4  |
| 37.5°  | 54.8  | 57.8   | 61.5  | 65.5   | 69.3  | 73.0   | 76.7  | 79.8   | 82.9  | 84.1   | 85.2  |
| 40°    | 60.1  | 63.0   | 67.2  | 71.3   | 75.1  | 79.0   | 82.8  | 85.6   | 87.6  | 88.9   | 89.0  |
| 42.5°  | 65.3  | 68.3   | 72.8  | 76.9   | 80.8  | 84.9   | 88.3  | 91.0   | 92.3  | 92.9   | 92.6  |
| 45°    | 70.5  | 73.7   | 78.3  | 82.4   | 86.4  | 90.8   | 93.5  | 95.5   | 96.7  | 96.3   | 96.6  |
| 47.5°  | 80.0  | 84.8   | 90.5  | 94.3   | 97.5  | 100.2  | 101.0 | 100.7  | 100.3 | 99.6   | 100.6 |
| 50°    | 89.9  | 96.9   | 104.3 | 108.8  | 112.1 | 113.8  | 114.0 | 113.0  | 110.5 | 108.2  | 107.1 |
| 52.5°  | 100.1 | 109.3  | 118.2 | 123.5  | 126.4 | 127.1  | 126.5 | 124.9  | 121.6 | 119.5  | 118.7 |
| 55°    | 110.5 | 122.0  | 132.2 | 138.1  | 140.5 | 140.1  | 138.7 | 136.2  | 132.6 | 130.2  | 130.2 |
| 57.5°  | 121.0 | 135.0  | 146.3 | 152.3  | 154.3 | 152.8  | 150.7 | 147.2  | 143.6 | 141.3  | 141.8 |
| 60°    | 131.8 | 148.2  | 160.5 | 166.4  | 167.4 | 165.3  | 162.5 | 158.2  | 154.2 | 152.7  | 153.6 |
| 62.5°  | 142.6 | 161.6  | 174.9 | 180.3  | 180.3 | 177.4  | 174.1 | 168.9  | 164.5 | 164.0  | 165.3 |
| 65°    | 153.6 | 175.2  | 189.2 | 194.2  | 193.1 | 189.5  | 185.2 | 179.7  | 174.6 | 175.3  | 176.8 |
| 67.5°  | 164.7 | 189.0  | 203.6 | 207.9  | 205.7 | 201.4  | 196.3 | 190.3  | 185.8 | 186.6  | 188.2 |
| 70°    | 165.0 | 190.3  | 206.6 | 212.9  | 212.3 | 209.0  | 204.5 | 199.1  | 196.1 | 197.6  | 200.6 |
| 72.5°  | 164.8 | 190.6  | 208.1 | 216.2  | 217.0 | 214.0  | 210.0 | 205.6  | 203.7 | 205.2  | 209.7 |
| 75°    | 164.5 | 190.7  | 209.7 | 219.7  | 222.0 | 219.1  | 215.9 | 212.4  | 211.0 | 212.8  | 218.1 |
| 77.5°  | 164.1 | 190.7  | 211.3 | 223.5  | 227.1 | 224.3  | 222.0 | 219.4  | 218.2 | 220.4  | 226.1 |
| 80°    | 164.4 | 190.5  | 212.9 | 227.4  | 232.5 | 229.5  | 228.3 | 226.7  | 225.2 | 228.1  | 233.9 |
| 82.5°  | 163.5 | 190.9  | 215.2 | 231.4  | 238.0 | 234.8  | 234.7 | 234.2  | 232.1 | 235.6  | 241.3 |
| 85°    | 162.6 | 190.0  | 216.2 | 235.8  | 243.7 | 240.0  | 241.3 | 241.8  | 238.9 | 243.2  | 248.5 |
| 87.5°  | 161.7 | 189.1  | 217.2 | 239.4  | 249.1 | 245.4  | 247.9 | 249.5  | 245.8 | 250.7  | 255.6 |
| 90°    | 160.8 | 188.2  | 218.2 | 243.0  | 254.5 | 250.9  | 254.5 | 257.1  | 252.7 | 258.0  | 262.4 |
| 92.5°  | 161.7 | 189.1  | 217.2 | 239.4  | 249.1 | 245.4  | 247.9 | 249.5  | 245.8 | 250.7  | 255.6 |
| 95°    | 162.6 | 190.0  | 216.2 | 235.8  | 243.7 | 240.0  | 241.3 | 241.8  | 238.9 | 243.2  | 248.5 |
| 97.5°  | 163.5 | 190.9  | 215.2 | 231.4  | 238.0 | 234.8  | 234.7 | 234.2  | 232.1 | 235.6  | 241.3 |
| 100°   | 164.4 | 190.5  | 212.9 | 227.4  | 232.5 | 229.5  | 228.3 | 226.7  | 225.2 | 228.1  | 233.9 |
| 102.5° | 164.1 | 190.7  | 211.3 | 223.5  | 227.1 | 224.3  | 222.0 | 219.4  | 218.2 | 220.4  | 226.1 |
| 105°   | 164.5 | 190.7  | 209.7 | 219.7  | 222.0 | 219.1  | 215.9 | 212.4  | 211.0 | 212.8  | 218.1 |
| 107.5° | 164.8 | 190.6  | 208.1 | 216.2  | 217.0 | 214.0  | 210.0 | 205.6  | 203.7 | 205.2  | 209.7 |
| 110°   | 165.0 | 190.3  | 206.6 | 212.9  | 212.3 | 209.0  | 204.5 | 199.1  | 196.1 | 197.6  | 200.6 |



TEST NUMBER: P231879

CATALOG NUMBER: FVS4WM-2-LD4-50-1STD-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

|        | 275°  | 277.5° | 280°  | 282.5° | 285°  | 287.5° | 290°  | 292.5° | 295°  | 297.5° | 300°  |
|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|
| 112.5° | 164.7 | 189.0  | 203.6 | 207.9  | 205.7 | 201.4  | 196.3 | 190.3  | 185.8 | 186.6  | 188.2 |
| 115°   | 153.6 | 175.2  | 189.2 | 194.2  | 193.1 | 189.5  | 185.2 | 179.7  | 174.6 | 175.3  | 176.8 |
| 117.5° | 142.6 | 161.6  | 174.9 | 180.3  | 180.3 | 177.4  | 174.1 | 168.9  | 164.5 | 164.0  | 165.3 |
| 120°   | 131.8 | 148.2  | 160.5 | 166.4  | 167.4 | 165.3  | 162.5 | 158.2  | 154.2 | 152.7  | 153.6 |
| 122.5° | 121.0 | 135.0  | 146.3 | 152.3  | 154.3 | 152.8  | 150.7 | 147.2  | 143.6 | 141.3  | 141.8 |
| 125°   | 110.5 | 122.0  | 132.2 | 138.1  | 140.5 | 140.1  | 138.7 | 136.2  | 132.6 | 130.2  | 130.2 |
| 127.5° | 100.1 | 109.3  | 118.2 | 123.5  | 126.4 | 127.1  | 126.5 | 124.9  | 121.6 | 119.5  | 118.7 |
| 130°   | 89.9  | 96.9   | 104.3 | 108.8  | 112.1 | 113.8  | 114.0 | 113.0  | 110.5 | 108.2  | 107.1 |
| 132.5° | 80.0  | 84.8   | 90.5  | 94.3   | 97.5  | 100.2  | 101.0 | 100.7  | 100.3 | 99.6   | 100.6 |
| 135°   | 70.5  | 73.7   | 78.3  | 82.4   | 86.4  | 90.8   | 93.5  | 95.5   | 96.7  | 96.3   | 96.6  |
| 137.5° | 65.3  | 68.3   | 72.8  | 76.9   | 80.8  | 84.9   | 88.3  | 91.0   | 92.3  | 92.9   | 92.6  |
| 140°   | 60.1  | 63.0   | 67.2  | 71.3   | 75.1  | 79.0   | 82.8  | 85.6   | 87.6  | 88.9   | 89.0  |
| 142.5° | 54.8  | 57.8   | 61.5  | 65.5   | 69.3  | 73.0   | 76.7  | 79.8   | 82.9  | 84.1   | 85.2  |
| 145°   | 49.5  | 52.4   | 55.8  | 59.7   | 63.3  | 67.1   | 70.4  | 73.7   | 76.6  | 79.1   | 80.4  |
| 147.5° | 44.1  | 47.0   | 50.1  | 53.7   | 57.2  | 60.7   | 64.0  | 67.2   | 70.2  | 73.0   | 75.1  |
| 150°   | 38.7  | 41.5   | 44.3  | 47.7   | 51.2  | 54.3   | 57.5  | 60.5   | 63.4  | 66.2   | 68.9  |
| 152.5° | 33.3  | 36.0   | 38.6  | 41.6   | 44.6  | 47.7   | 50.8  | 53.8   | 56.4  | 59.0   | 61.6  |
| 155°   | 27.9  | 30.3   | 32.8  | 35.4   | 38.3  | 41.0   | 43.9  | 46.7   | 49.3  | 51.7   | 54.3  |
| 157.5° | 22.6  | 24.8   | 27.4  | 29.9   | 32.6  | 35.4   | 38.1  | 40.9   | 43.7  | 46.3   | 48.6  |
| 160°   | 20.2  | 22.1   | 24.5  | 26.8   | 29.2  | 31.5   | 33.8  | 36.0   | 38.5  | 40.8   | 43.1  |
| 162.5° | 17.8  | 19.5   | 21.5  | 23.6   | 25.8  | 27.8   | 29.8  | 31.6   | 33.4  | 35.4   | 37.3  |
| 165°   | 15.4  | 16.9   | 18.4  | 20.3   | 22.2  | 24.1   | 25.9  | 27.4   | 28.9  | 30.3   | 31.9  |
| 167.5° | 12.9  | 14.2   | 15.4  | 16.8   | 18.5  | 20.1   | 21.7  | 23.2   | 24.6  | 25.7   | 26.8  |
| 170°   | 10.4  | 11.5   | 12.5  | 13.5   | 14.6  | 15.9   | 17.2  | 18.5   | 19.8  | 21.0   | 22.2  |
| 172.5° | 7.9   | 8.7    | 9.5   | 10.3   | 11.0  | 11.8   | 12.6  | 13.6   | 14.5  | 15.5   | 16.4  |
| 175°   | 5.3   | 5.8    | 6.4   | 6.9    | 7.5   | 8.0    | 8.5   | 9.0    | 9.4   | 9.9    | 10.3  |
| 177.5° | 2.7   | 2.9    | 3.2   | 3.5    | 3.8   | 4.0    | 4.3   | 4.6    | 4.8   | 5.0    | 5.3   |
| 180°   | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   |



TEST NUMBER: P231879

CATALOG NUMBER: FVS4WM-2-LD4-50-1STD-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

|        | 302.5° | 305°  | 307.5° | 310°  | 312.5° | 315°  | 317.5° | 320°  | 322.5° | 325°  | 327.5° |
|--------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|
| 0°     | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    |
| 2.5°   | 5.5    | 5.7   | 5.9    | 6.0   | 6.2    | 6.4   | 6.5    | 6.7   | 6.8    | 6.9   | 7.0    |
| 5°     | 10.9   | 11.5  | 12.1   | 12.6  | 13.1   | 13.6  | 14.0   | 14.5  | 14.8   | 15.2  | 15.5   |
| 7.5°   | 17.3   | 18.1  | 18.9   | 19.7  | 20.4   | 20.8  | 21.2   | 21.6  | 21.9   | 22.2  | 22.4   |
| 10°    | 23.0   | 23.8  | 24.5   | 25.1  | 25.7   | 26.3  | 26.8   | 27.4  | 27.9   | 28.5  | 28.9   |
| 12.5°  | 27.8   | 28.8  | 29.8   | 30.9  | 31.9   | 32.8  | 33.7   | 34.5  | 35.2   | 35.7  | 36.1   |
| 15°    | 33.2   | 34.7  | 36.1   | 37.4  | 38.6   | 39.5  | 40.3   | 41.0  | 41.6   | 42.1  | 42.5   |
| 17.5°  | 39.1   | 41.1  | 42.3   | 43.5  | 44.7   | 45.7  | 46.7   | 47.6  | 48.4   | 49.0  | 49.5   |
| 20°    | 45.0   | 46.7  | 48.3   | 49.8  | 51.3   | 52.6  | 53.8   | 54.7  | 55.4   | 56.1  | 56.6   |
| 22.5°  | 50.7   | 52.7  | 54.8   | 56.7  | 58.4   | 59.4  | 60.3   | 61.2  | 62.1   | 63.1  | 64.2   |
| 25°    | 56.9   | 59.4  | 62.1   | 63.1  | 64.3   | 65.4  | 66.4   | 67.4  | 68.6   | 69.9  | 71.1   |
| 27.5°  | 64.1   | 66.1  | 67.2   | 68.5  | 69.4   | 70.4  | 71.6   | 72.7  | 74.1   | 75.5  | 77.1   |
| 30°    | 70.8   | 72.0  | 73.0   | 73.3  | 73.6   | 74.4  | 75.8   | 77.3  | 79.0   | 80.9  | 82.9   |
| 32.5°  | 76.4   | 77.2  | 77.5   | 77.9  | 78.7   | 79.5  | 80.5   | 81.6  | 84.0   | 87.5  | 91.1   |
| 35°    | 81.3   | 81.5  | 82.0   | 82.9  | 83.9   | 85.1  | 86.3   | 89.0  | 91.7   | 95.9  | 101.4  |
| 37.5°  | 85.3   | 85.7  | 86.7   | 87.9  | 89.3   | 91.5  | 94.6   | 98.1  | 103.0  | 108.1 | 114.2  |
| 40°    | 89.2   | 90.2  | 91.5   | 93.2  | 95.8   | 99.2  | 104.1  | 109.6 | 116.5  | 124.2 | 132.2  |
| 42.5°  | 93.5   | 94.7  | 96.6   | 99.3  | 103.0  | 108.7 | 114.9  | 123.8 | 133.2  | 143.3 | 153.9  |
| 45°    | 97.7   | 99.6  | 102.1  | 106.0 | 112.1  | 118.9 | 129.1  | 139.4 | 151.7  | 164.2 | 177.7  |
| 47.5°  | 102.2  | 104.3 | 108.3  | 114.1 | 121.6  | 132.4 | 144.0  | 157.4 | 171.9  | 186.9 | 203.1  |
| 50°    | 107.2  | 110.1 | 114.9  | 123.0 | 133.7  | 146.0 | 160.5  | 176.4 | 193.7  | 211.4 | 230.0  |
| 52.5°  | 119.0  | 120.8 | 125.7  | 133.2 | 146.5  | 161.1 | 177.7  | 196.3 | 215.9  | 236.8 | 259.2  |
| 55°    | 131.4  | 134.4 | 141.0  | 150.3 | 162.3  | 176.6 | 195.1  | 216.5 | 239.1  | 263.1 | 289.4  |
| 57.5°  | 143.5  | 148.7 | 156.5  | 166.8 | 180.1  | 196.6 | 215.8  | 237.4 | 262.5  | 290.4 | 318.8  |
| 60°    | 155.9  | 162.6 | 171.5  | 183.1 | 197.8  | 215.6 | 237.0  | 260.9 | 287.4  | 316.6 | 344.9  |
| 62.5°  | 169.4  | 176.6 | 185.7  | 198.1 | 214.6  | 234.6 | 257.4  | 282.6 | 311.4  | 339.4 | 370.1  |
| 65°    | 182.5  | 190.0 | 199.7  | 213.0 | 230.4  | 251.7 | 276.1  | 303.0 | 331.0  | 360.2 | 394.1  |
| 67.5°  | 195.2  | 202.4 | 212.6  | 227.2 | 245.9  | 268.1 | 293.0  | 320.1 | 347.3  | 379.9 | 419.7  |
| 70°    | 207.5  | 214.2 | 224.4  | 240.1 | 259.8  | 282.8 | 307.7  | 333.8 | 362.5  | 397.5 | 442.7  |
| 72.5°  | 217.1  | 225.0 | 236.1  | 252.2 | 272.2  | 296.7 | 319.6  | 344.8 | 375.5  | 414.3 | 462.8  |
| 75°    | 225.5  | 234.4 | 246.1  | 261.6 | 281.3  | 304.6 | 328.3  | 353.9 | 385.6  | 426.7 | 480.9  |
| 77.5°  | 233.9  | 243.5 | 254.9  | 269.1 | 288.0  | 310.1 | 333.2  | 360.5 | 395.6  | 440.2 | 494.9  |
| 80°    | 242.1  | 252.2 | 262.6  | 275.1 | 293.1  | 314.0 | 336.4  | 365.3 | 403.9  | 454.0 | 510.0  |
| 82.5°  | 250.2  | 260.5 | 269.4  | 279.7 | 296.7  | 316.5 | 338.0  | 368.5 | 410.4  | 464.6 | 521.7  |
| 85°    | 258.0  | 268.6 | 275.4  | 283.4 | 299.2  | 317.8 | 338.2  | 369.9 | 414.7  | 471.8 | 529.8  |
| 87.5°  | 265.8  | 276.4 | 281.1  | 286.5 | 300.9  | 318.3 | 337.5  | 370.4 | 418.0  | 477.2 | 536.2  |
| 90°    | 273.0  | 283.6 | 286.3  | 288.9 | 301.3  | 317.2 | 334.9  | 367.5 | 416.1  | 475.3 | 534.5  |
| 92.5°  | 265.8  | 276.4 | 281.1  | 286.5 | 300.9  | 318.3 | 337.5  | 370.4 | 418.0  | 477.2 | 536.2  |
| 95°    | 258.0  | 268.6 | 275.4  | 283.4 | 299.2  | 317.8 | 338.2  | 369.9 | 414.7  | 471.8 | 529.8  |
| 97.5°  | 250.2  | 260.5 | 269.4  | 279.7 | 296.7  | 316.5 | 338.0  | 368.5 | 410.4  | 464.6 | 521.7  |
| 100°   | 242.1  | 252.2 | 262.6  | 275.1 | 293.1  | 314.0 | 336.4  | 365.3 | 403.9  | 454.0 | 510.0  |
| 102.5° | 233.9  | 243.5 | 254.9  | 269.1 | 288.0  | 310.1 | 333.2  | 360.5 | 395.6  | 440.2 | 494.9  |
| 105°   | 225.5  | 234.4 | 246.1  | 261.6 | 281.3  | 304.6 | 328.3  | 353.9 | 385.6  | 426.7 | 480.9  |
| 107.5° | 217.1  | 225.0 | 236.1  | 252.2 | 272.2  | 296.7 | 319.6  | 344.8 | 375.5  | 414.3 | 462.8  |
| 110°   | 207.5  | 214.2 | 224.4  | 240.1 | 259.8  | 282.8 | 307.7  | 333.8 | 362.5  | 397.5 | 442.7  |



TEST NUMBER: P231879

CATALOG NUMBER: FVS4WM-2-LD4-50-1STD-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

|        | 302.5° | 305°  | 307.5° | 310°  | 312.5° | 315°  | 317.5° | 320°  | 322.5° | 325°  | 327.5° |
|--------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|
| 112.5° | 195.2  | 202.4 | 212.6  | 227.2 | 245.9  | 268.1 | 293.0  | 320.1 | 347.3  | 379.9 | 419.7  |
| 115°   | 182.5  | 190.0 | 199.7  | 213.0 | 230.4  | 251.7 | 276.1  | 303.0 | 331.0  | 360.2 | 394.1  |
| 117.5° | 169.4  | 176.6 | 185.7  | 198.1 | 214.6  | 234.6 | 257.4  | 282.6 | 311.4  | 339.4 | 370.1  |
| 120°   | 155.9  | 162.6 | 171.5  | 183.1 | 197.8  | 215.6 | 237.0  | 260.9 | 287.4  | 316.6 | 344.9  |
| 122.5° | 143.5  | 148.7 | 156.5  | 166.8 | 180.1  | 196.6 | 215.8  | 237.4 | 262.5  | 290.4 | 318.8  |
| 125°   | 131.4  | 134.4 | 141.0  | 150.3 | 162.3  | 176.6 | 195.1  | 216.5 | 239.1  | 263.1 | 289.4  |
| 127.5° | 119.0  | 120.8 | 125.7  | 133.2 | 146.5  | 161.1 | 177.7  | 196.3 | 215.9  | 236.8 | 259.2  |
| 130°   | 107.2  | 110.1 | 114.9  | 123.0 | 133.7  | 146.0 | 160.5  | 176.4 | 193.7  | 211.4 | 230.0  |
| 132.5° | 102.2  | 104.3 | 108.3  | 114.1 | 121.6  | 132.4 | 144.0  | 157.4 | 171.9  | 186.9 | 203.1  |
| 135°   | 97.7   | 99.6  | 102.1  | 106.0 | 112.1  | 118.9 | 129.1  | 139.4 | 151.7  | 164.2 | 177.7  |
| 137.5° | 93.5   | 94.7  | 96.6   | 99.3  | 103.0  | 108.7 | 114.9  | 123.8 | 133.2  | 143.3 | 153.9  |
| 140°   | 89.2   | 90.2  | 91.5   | 93.2  | 95.8   | 99.2  | 104.1  | 109.6 | 116.5  | 124.2 | 132.2  |
| 142.5° | 85.3   | 85.7  | 86.7   | 87.9  | 89.3   | 91.5  | 94.6   | 98.1  | 103.0  | 108.1 | 114.2  |
| 145°   | 81.3   | 81.5  | 82.0   | 82.9  | 83.9   | 85.1  | 86.3   | 89.0  | 91.7   | 95.9  | 101.4  |
| 147.5° | 76.4   | 77.2  | 77.5   | 77.9  | 78.7   | 79.5  | 80.5   | 81.6  | 84.0   | 87.5  | 91.1   |
| 150°   | 70.8   | 72.0  | 73.0   | 73.3  | 73.6   | 74.4  | 75.8   | 77.3  | 79.0   | 80.9  | 82.9   |
| 152.5° | 64.1   | 66.1  | 67.2   | 68.5  | 69.4   | 70.4  | 71.6   | 72.7  | 74.1   | 75.5  | 77.1   |
| 155°   | 56.9   | 59.4  | 62.1   | 63.1  | 64.3   | 65.4  | 66.4   | 67.4  | 68.6   | 69.9  | 71.1   |
| 157.5° | 50.7   | 52.7  | 54.8   | 56.7  | 58.4   | 59.4  | 60.3   | 61.2  | 62.1   | 63.1  | 64.2   |
| 160°   | 45.0   | 46.7  | 48.3   | 49.8  | 51.3   | 52.6  | 53.8   | 54.7  | 55.4   | 56.1  | 56.6   |
| 162.5° | 39.1   | 41.1  | 42.3   | 43.5  | 44.7   | 45.7  | 46.7   | 47.6  | 48.4   | 49.0  | 49.5   |
| 165°   | 33.2   | 34.7  | 36.1   | 37.4  | 38.6   | 39.5  | 40.3   | 41.0  | 41.6   | 42.1  | 42.5   |
| 167.5° | 27.8   | 28.8  | 29.8   | 30.9  | 31.9   | 32.8  | 33.7   | 34.5  | 35.2   | 35.7  | 36.1   |
| 170°   | 23.0   | 23.8  | 24.5   | 25.1  | 25.7   | 26.3  | 26.8   | 27.4  | 27.9   | 28.5  | 28.9   |
| 172.5° | 17.3   | 18.1  | 18.9   | 19.7  | 20.4   | 20.8  | 21.2   | 21.6  | 21.9   | 22.2  | 22.4   |
| 175°   | 10.9   | 11.5  | 12.1   | 12.6  | 13.1   | 13.6  | 14.0   | 14.5  | 14.8   | 15.2  | 15.5   |
| 177.5° | 5.5    | 5.7   | 5.9    | 6.0   | 6.2    | 6.4   | 6.5    | 6.7   | 6.8    | 6.9   | 7.0    |
| 180°   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    |



TEST NUMBER: P231879

CATALOG NUMBER: FVS4WM-2-LD4-50-1STD-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

|        | 330°  | 332.5° | 335°  | 337.5° | 340°  | 342.5° | 345°  | 347.5° | 350°  | 352.5° | 355°  |
|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|
| 0°     | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   |
| 2.5°   | 7.1   | 7.2    | 7.2   | 7.3    | 7.3   | 7.3    | 7.6   | 7.5    | 7.4   | 7.3    | 7.3   |
| 5°     | 15.8  | 16.1   | 16.4  | 16.6   | 16.7  | 16.9   | 17.0  | 17.0   | 17.3  | 17.2   | 17.1  |
| 7.5°   | 22.6  | 22.8   | 22.9  | 23.0   | 23.0  | 23.0   | 23.0  | 22.9   | 22.8  | 22.8   | 22.6  |
| 10°    | 29.3  | 29.6   | 29.9  | 30.1   | 30.2  | 30.3   | 30.3  | 30.3   | 30.2  | 30.3   | 29.9  |
| 12.5°  | 36.3  | 36.6   | 36.7  | 36.8   | 36.8  | 36.7   | 36.6  | 36.4   | 36.1  | 35.8   | 35.5  |
| 15°    | 42.9  | 43.1   | 43.3  | 43.3   | 43.3  | 43.1   | 42.9  | 42.6   | 42.2  | 41.7   | 41.3  |
| 17.5°  | 49.9  | 50.2   | 50.4  | 50.6   | 50.6  | 50.6   | 50.5  | 50.3   | 50.0  | 49.5   | 49.2  |
| 20°    | 57.1  | 57.7   | 58.4  | 59.1   | 59.8  | 60.3   | 60.8  | 61.2   | 61.5  | 61.6   | 62.0  |
| 22.5°  | 65.3  | 66.4   | 67.4  | 68.2   | 69.0  | 69.8   | 70.4  | 70.9   | 71.4  | 71.7   | 72.2  |
| 25°    | 72.3  | 73.5   | 74.7  | 76.0   | 77.1  | 78.2   | 79.2  | 80.1   | 80.8  | 81.4   | 81.9  |
| 27.5°  | 78.7  | 80.3   | 81.9  | 83.8   | 86.1  | 88.1   | 90.0  | 91.7   | 93.1  | 94.3   | 95.3  |
| 30°    | 85.7  | 88.7   | 91.6  | 94.4   | 98.0  | 101.3  | 104.3 | 107.0  | 109.4 | 111.4  | 113.0 |
| 32.5°  | 94.9  | 99.7   | 104.2 | 108.5  | 113.3 | 118.2  | 122.6 | 126.5  | 129.9 | 132.8  | 135.1 |
| 35°    | 106.8 | 113.4  | 120.1 | 126.5  | 132.8 | 140.2  | 147.1 | 153.3  | 158.8 | 163.5  | 167.4 |
| 37.5°  | 122.3 | 130.6  | 140.4 | 149.9  | 158.9 | 167.6  | 175.4 | 182.3  | 188.3 | 193.3  | 197.3 |
| 40°    | 141.5 | 152.2  | 164.0 | 175.2  | 185.6 | 195.6  | 205.3 | 213.9  | 221.3 | 227.5  | 232.5 |
| 42.5°  | 165.3 | 176.5  | 189.4 | 203.1  | 215.8 | 227.8  | 239.8 | 250.1  | 258.9 | 265.9  | 271.4 |
| 45°    | 191.1 | 205.1  | 218.2 | 234.9  | 250.9 | 266.9  | 278.6 | 289.9  | 299.3 | 306.6  | 312.0 |
| 47.5°  | 219.2 | 236.7  | 254.3 | 271.5  | 289.6 | 305.7  | 321.0 | 335.2  | 347.1 | 356.6  | 363.6 |
| 50°    | 250.5 | 270.9  | 291.8 | 311.5  | 332.7 | 352.6  | 371.2 | 389.2  | 404.4 | 416.7  | 426.0 |
| 52.5°  | 282.9 | 306.5  | 330.6 | 354.6  | 380.6 | 406.2  | 428.9 | 454.0  | 474.7 | 491.0  | 502.7 |
| 55°    | 315.6 | 342.0  | 369.8 | 400.2  | 432.9 | 471.0  | 503.5 | 526.5  | 543.3 | 555.2  | 562.4 |
| 57.5°  | 346.4 | 377.2  | 410.0 | 451.4  | 496.5 | 532.7  | 567.6 | 586.3  | 598.4 | 607.5  | 613.3 |
| 60°    | 376.7 | 412.1  | 456.6 | 501.4  | 544.6 | 581.9  | 612.2 | 631.7  | 640.6 | 648.2  | 654.0 |
| 62.5°  | 405.3 | 450.4  | 497.7 | 545.0  | 586.0 | 620.9  | 645.1 | 662.6  | 673.3 | 681.3  | 686.4 |
| 65°    | 437.0 | 483.9  | 534.5 | 582.7  | 623.3 | 654.9  | 677.0 | 693.3  | 701.7 | 707.4  | 711.5 |
| 67.5°  | 466.3 | 517.2  | 570.1 | 619.9  | 660.6 | 688.8  | 706.8 | 716.6  | 723.4 | 730.6  | 734.8 |
| 70°    | 493.8 | 548.0  | 602.7 | 655.7  | 694.6 | 716.0  | 729.5 | 738.7  | 747.0 | 752.6  | 758.0 |
| 72.5°  | 517.6 | 573.5  | 630.1 | 681.3  | 717.2 | 737.5  | 748.0 | 757.5  | 765.9 | 770.5  | 775.8 |
| 75°    | 536.7 | 594.1  | 652.5 | 702.7  | 735.6 | 751.3  | 763.7 | 773.1  | 780.2 | 785.5  | 789.7 |
| 77.5°  | 550.8 | 609.8  | 674.0 | 721.6  | 747.7 | 763.2  | 775.5 | 784.8  | 791.3 | 797.1  | 802.2 |
| 80°    | 565.8 | 626.5  | 690.2 | 737.1  | 759.3 | 772.8  | 784.8 | 793.5  | 801.3 | 808.7  | 812.8 |
| 82.5°  | 578.7 | 642.7  | 704.3 | 745.4  | 765.7 | 779.7  | 792.3 | 800.8  | 809.1 | 814.7  | 820.5 |
| 85°    | 587.0 | 652.7  | 714.4 | 751.9  | 769.7 | 784.4  | 796.9 | 805.4  | 814.3 | 820.8  | 827.6 |
| 87.5°  | 593.0 | 656.6  | 719.5 | 756.5  | 772.2 | 786.2  | 799.4 | 806.9  | 817.0 | 822.8  | 831.3 |
| 90°    | 590.2 | 654.7  | 719.2 | 758.1  | 773.1 | 785.5  | 800.5 | 806.7  | 815.5 | 823.5  | 828.8 |
| 92.5°  | 593.0 | 656.6  | 719.5 | 756.5  | 772.2 | 786.2  | 799.4 | 806.9  | 817.0 | 822.8  | 831.3 |
| 95°    | 587.0 | 652.7  | 714.4 | 751.9  | 769.7 | 784.4  | 796.9 | 805.4  | 814.3 | 820.8  | 827.6 |
| 97.5°  | 578.7 | 642.7  | 704.3 | 745.4  | 765.7 | 779.7  | 792.3 | 800.8  | 809.1 | 814.7  | 820.5 |
| 100°   | 565.8 | 626.5  | 690.2 | 737.1  | 759.3 | 772.8  | 784.8 | 793.5  | 801.3 | 808.7  | 812.8 |
| 102.5° | 550.8 | 609.8  | 674.0 | 721.6  | 747.7 | 763.2  | 775.5 | 784.8  | 791.3 | 797.1  | 802.2 |
| 105°   | 536.7 | 594.1  | 652.5 | 702.7  | 735.6 | 751.3  | 763.7 | 773.1  | 780.2 | 785.5  | 789.7 |
| 107.5° | 517.6 | 573.5  | 630.1 | 681.3  | 717.2 | 737.5  | 748.0 | 757.5  | 765.9 | 770.5  | 775.8 |
| 110°   | 493.8 | 548.0  | 602.7 | 655.7  | 694.6 | 716.0  | 729.5 | 738.7  | 747.0 | 752.6  | 758.0 |



TEST NUMBER: P231879

CATALOG NUMBER: FVS4WM-2-LD4-50-1STD-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

|        | 330°  | 332.5° | 335°  | 337.5° | 340°  | 342.5° | 345°  | 347.5° | 350°  | 352.5° | 355°  |
|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|
| 112.5° | 466.3 | 517.2  | 570.1 | 619.9  | 660.6 | 688.8  | 706.8 | 716.6  | 723.4 | 730.6  | 734.8 |
| 115°   | 437.0 | 483.9  | 534.5 | 582.7  | 623.3 | 654.9  | 677.0 | 693.3  | 701.7 | 707.4  | 711.5 |
| 117.5° | 405.3 | 450.4  | 497.7 | 545.0  | 586.0 | 620.9  | 645.1 | 662.6  | 673.3 | 681.3  | 686.4 |
| 120°   | 376.7 | 412.1  | 456.6 | 501.4  | 544.6 | 581.9  | 612.2 | 631.7  | 640.6 | 648.2  | 654.0 |
| 122.5° | 346.4 | 377.2  | 410.0 | 451.4  | 496.5 | 532.7  | 567.6 | 586.3  | 598.4 | 607.5  | 613.3 |
| 125°   | 315.6 | 342.0  | 369.8 | 400.2  | 432.9 | 471.0  | 503.5 | 526.5  | 543.3 | 555.2  | 562.4 |
| 127.5° | 282.9 | 306.5  | 330.6 | 354.6  | 380.6 | 406.2  | 428.9 | 454.0  | 474.7 | 491.0  | 502.7 |
| 130°   | 250.5 | 270.9  | 291.8 | 311.5  | 332.7 | 352.6  | 371.2 | 389.2  | 404.4 | 416.7  | 426.0 |
| 132.5° | 219.2 | 236.7  | 254.3 | 271.5  | 289.6 | 305.7  | 321.0 | 335.2  | 347.1 | 356.6  | 363.6 |
| 135°   | 191.1 | 205.1  | 218.2 | 234.9  | 250.9 | 266.9  | 278.6 | 289.9  | 299.3 | 306.6  | 312.0 |
| 137.5° | 165.3 | 176.5  | 189.4 | 203.1  | 215.8 | 227.8  | 239.8 | 250.1  | 258.9 | 265.9  | 271.4 |
| 140°   | 141.5 | 152.2  | 164.0 | 175.2  | 185.6 | 195.6  | 205.3 | 213.9  | 221.3 | 227.5  | 232.5 |
| 142.5° | 122.3 | 130.6  | 140.4 | 149.9  | 158.9 | 167.6  | 175.4 | 182.3  | 188.3 | 193.3  | 197.3 |
| 145°   | 106.8 | 113.4  | 120.1 | 126.5  | 132.8 | 140.2  | 147.1 | 153.3  | 158.8 | 163.5  | 167.4 |
| 147.5° | 94.9  | 99.7   | 104.2 | 108.5  | 113.3 | 118.2  | 122.6 | 126.5  | 129.9 | 132.8  | 135.1 |
| 150°   | 85.7  | 88.7   | 91.6  | 94.4   | 98.0  | 101.3  | 104.3 | 107.0  | 109.4 | 111.4  | 113.0 |
| 152.5° | 78.7  | 80.3   | 81.9  | 83.8   | 86.1  | 88.1   | 90.0  | 91.7   | 93.1  | 94.3   | 95.3  |
| 155°   | 72.3  | 73.5   | 74.7  | 76.0   | 77.1  | 78.2   | 79.2  | 80.1   | 80.8  | 81.4   | 81.9  |
| 157.5° | 65.3  | 66.4   | 67.4  | 68.2   | 69.0  | 69.8   | 70.4  | 70.9   | 71.4  | 71.7   | 72.2  |
| 160°   | 57.1  | 57.7   | 58.4  | 59.1   | 59.8  | 60.3   | 60.8  | 61.2   | 61.5  | 61.6   | 62.0  |
| 162.5° | 49.9  | 50.2   | 50.4  | 50.6   | 50.6  | 50.6   | 50.5  | 50.3   | 50.0  | 49.5   | 49.2  |
| 165°   | 42.9  | 43.1   | 43.3  | 43.3   | 43.3  | 43.1   | 42.9  | 42.6   | 42.2  | 41.7   | 41.3  |
| 167.5° | 36.3  | 36.6   | 36.7  | 36.8   | 36.8  | 36.7   | 36.6  | 36.4   | 36.1  | 35.8   | 35.5  |
| 170°   | 29.3  | 29.6   | 29.9  | 30.1   | 30.2  | 30.3   | 30.3  | 30.3   | 30.2  | 30.3   | 29.9  |
| 172.5° | 22.6  | 22.8   | 22.9  | 23.0   | 23.0  | 23.0   | 23.0  | 22.9   | 22.8  | 22.8   | 22.6  |
| 175°   | 15.8  | 16.1   | 16.4  | 16.6   | 16.7  | 16.9   | 17.0  | 17.0   | 17.3  | 17.2   | 17.1  |
| 177.5° | 7.1   | 7.2    | 7.2   | 7.3    | 7.3   | 7.3    | 7.6   | 7.5    | 7.4   | 7.3    | 7.3   |
| 180°   | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   |



TEST NUMBER: P231879

CATALOG NUMBER: FVS4WM-2-LD4-50-1STD-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

|        | 357.5° | 360°  |
|--------|--------|-------|
| 0°     | 0.0    | 0.0   |
| 2.5°   | 7.2    | 7.1   |
| 5°     | 16.9   | 16.8  |
| 7.5°   | 22.3   | 22.1  |
| 10°    | 29.6   | 29.2  |
| 12.5°  | 35.0   | 34.5  |
| 15°    | 40.5   | 39.8  |
| 17.5°  | 48.5   | 47.7  |
| 20°    | 61.5   | 61.0  |
| 22.5°  | 71.9   | 71.6  |
| 25°    | 82.2   | 82.2  |
| 27.5°  | 96.1   | 96.3  |
| 30°    | 114.4  | 114.9 |
| 32.5°  | 137.1  | 137.8 |
| 35°    | 170.9  | 172.3 |
| 37.5°  | 200.8  | 202.3 |
| 40°    | 236.9  | 238.6 |
| 42.5°  | 276.0  | 277.4 |
| 45°    | 316.4  | 317.2 |
| 47.5°  | 369.4  | 370.2 |
| 50°    | 433.6  | 434.7 |
| 52.5°  | 512.0  | 512.4 |
| 55°    | 567.1  | 564.6 |
| 57.5°  | 617.5  | 614.9 |
| 60°    | 659.0  | 658.2 |
| 62.5°  | 688.7  | 688.3 |
| 65°    | 713.8  | 713.9 |
| 67.5°  | 736.3  | 735.1 |
| 70°    | 761.9  | 763.4 |
| 72.5°  | 778.8  | 779.3 |
| 75°    | 793.8  | 796.1 |
| 77.5°  | 806.3  | 807.5 |
| 80°    | 816.1  | 817.3 |
| 82.5°  | 825.1  | 828.8 |
| 85°    | 830.6  | 831.4 |
| 87.5°  | 836.5  | 832.3 |
| 90°    | 831.4  | 839.4 |
| 92.5°  | 836.5  | 832.3 |
| 95°    | 830.6  | 831.4 |
| 97.5°  | 825.1  | 828.8 |
| 100°   | 816.1  | 817.3 |
| 102.5° | 806.3  | 807.5 |
| 105°   | 793.8  | 796.1 |
| 107.5° | 778.8  | 779.3 |
| 110°   | 761.9  | 763.4 |





TEST NUMBER: P231879

CATALOG NUMBER: FVS4WM-2-LD4-50-1STD-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

|        | 357.5° | 360°  |
|--------|--------|-------|
| 112.5° | 736.3  | 735.1 |
| 115°   | 713.8  | 713.9 |
| 117.5° | 688.7  | 688.3 |
| 120°   | 659.0  | 658.2 |
| 122.5° | 617.5  | 614.9 |
| 125°   | 567.1  | 564.6 |
| 127.5° | 512.0  | 512.4 |
| 130°   | 433.6  | 434.7 |
| 132.5° | 369.4  | 370.2 |
| 135°   | 316.4  | 317.2 |
| 137.5° | 276.0  | 277.4 |
| 140°   | 236.9  | 238.6 |
| 142.5° | 200.8  | 202.3 |
| 145°   | 170.9  | 172.3 |
| 147.5° | 137.1  | 137.8 |
| 150°   | 114.4  | 114.9 |
| 152.5° | 96.1   | 96.3  |
| 155°   | 82.2   | 82.2  |
| 157.5° | 71.9   | 71.6  |
| 160°   | 61.5   | 61.0  |
| 162.5° | 48.5   | 47.7  |
| 165°   | 40.5   | 39.8  |
| 167.5° | 35.0   | 34.5  |
| 170°   | 29.6   | 29.2  |
| 172.5° | 22.3   | 22.1  |
| 175°   | 16.9   | 16.8  |
| 177.5° | 7.2    | 7.1   |
| 180°   | 0.0    | 0.0   |

(END OF REPORT)