

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: P232062

Luminaire Tested: **FVS4WM-3-LD4-40-2HI-P125-UNV-EDC1**

Issue Date: 3/3/2020



**Test Information**

Test Method: LM-79-08  
Report Number: P232062  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1706-121-28)  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: FAIL-SAFE  
Catalog Number: FVS4WM-3-LD4-40-2HI-P125-UNV-EDC1  
Description: FAILSAFE FVS LED FIXTURE  
3FT LENGTH, 2-MODULE LED WITH P125 LENS  
Light Source: (168) 4000K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

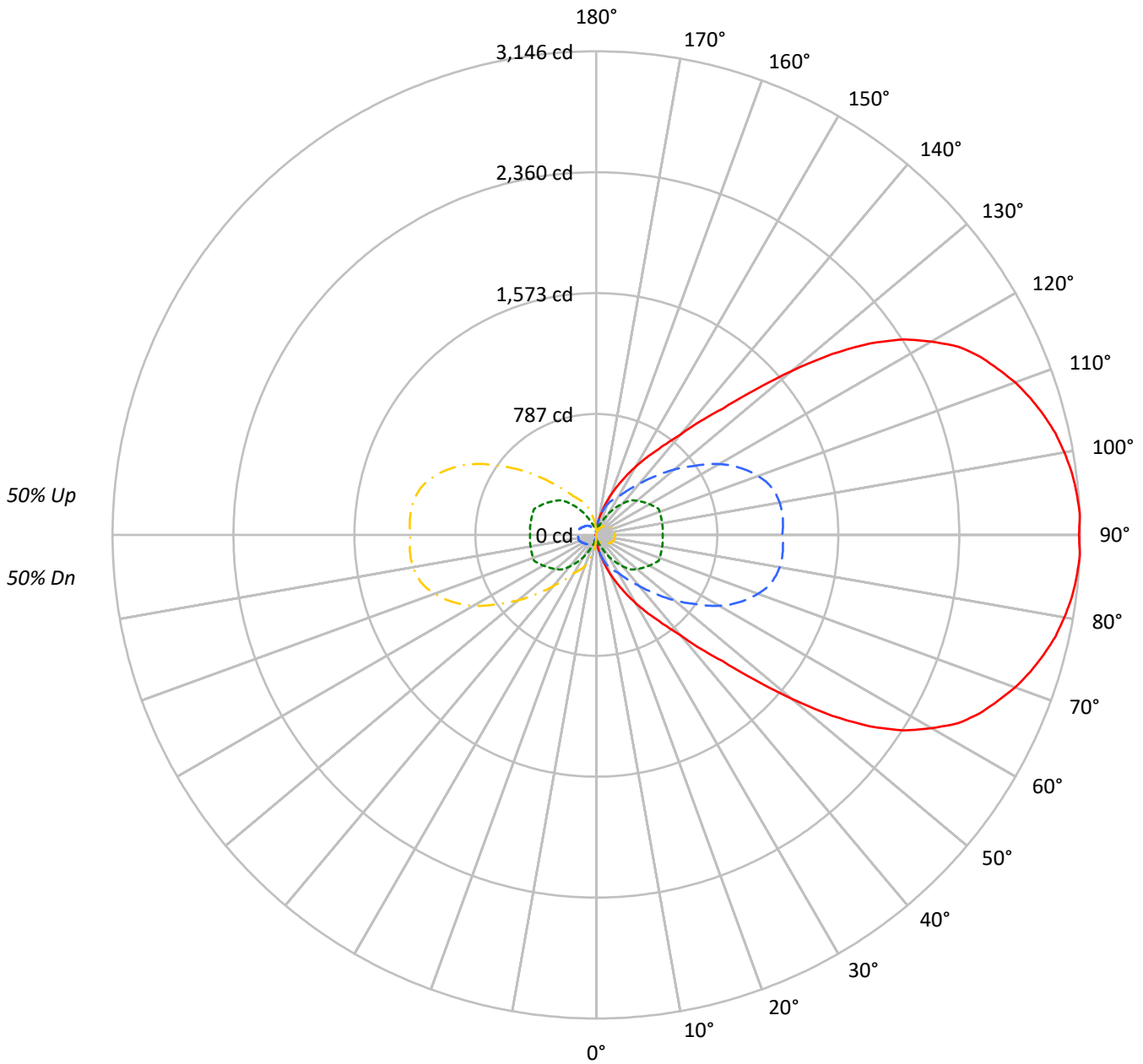
Lumens per Lamp: N/A  
Luminaire Lumens: 7414.8 lumens  
Efficiency: N/A  
Efficacy: 103.4 lumens/watt  
Spacing Criteria (0/90/45): 23.09 / 14.99 / 15.62  
Luminous Opening: Rectangular w/ Sides (W: 2.92' x L: 0.19' x H: 0.31')  
CIE Type: General Diffuse

Input Watts (W): 71.7  
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: P232062

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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  | 84  | 77  | 71  | 83 | 76 | 71 | 65 | 63 | 58 | 54 | 50 | 47 | 44 | 39 | 36 | 34 | 28 |
| 2   | 80  | 69  | 60  | 53  | 73 | 63 | 55 | 48 | 51 | 45 | 40 | 40 | 36 | 31 | 30 | 27 | 23 | 18 |
| 3   | 72  | 59  | 49  | 41  | 65 | 53 | 45 | 37 | 43 | 36 | 30 | 34 | 28 | 24 | 25 | 21 | 17 | 13 |
| 4   | 65  | 51  | 41  | 33  | 58 | 46 | 37 | 30 | 37 | 30 | 24 | 29 | 23 | 19 | 21 | 17 | 13 | 9  |
| 5   | 59  | 44  | 34  | 27  | 53 | 40 | 31 | 25 | 32 | 25 | 20 | 25 | 19 | 15 | 18 | 14 | 10 | 7  |
| 6   | 54  | 39  | 29  | 23  | 48 | 36 | 27 | 20 | 29 | 22 | 16 | 22 | 17 | 12 | 16 | 12 | 8  | 5  |
| 7   | 49  | 35  | 26  | 19  | 44 | 32 | 23 | 17 | 26 | 19 | 14 | 20 | 14 | 10 | 14 | 10 | 7  | 4  |
| 8   | 45  | 31  | 22  | 16  | 41 | 29 | 20 | 15 | 23 | 16 | 12 | 18 | 13 | 9  | 13 | 9  | 6  | 3  |
| 9   | 42  | 28  | 20  | 14  | 38 | 26 | 18 | 13 | 21 | 15 | 10 | 16 | 11 | 8  | 12 | 8  | 5  | 3  |
| 10  | 39  | 26  | 18  | 12  | 36 | 24 | 16 | 11 | 19 | 13 | 9  | 15 | 10 | 7  | 11 | 7  | 4  | 2  |

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

|     | 0°    | 90°   | 180° | 270°  |
|-----|-------|-------|------|-------|
| 0°  | 39    | 39    | 39   | 39    |
| 5°  | 1069  | 411   | 17   | 411   |
| 10° | 1761  | 765   | 15   | 765   |
| 15° | 2606  | 1149  | 14   | 1149  |
| 20° | 3611  | 1552  | 13   | 1552  |
| 25° | 4693  | 2317  | 12   | 2317  |
| 30° | 5942  | 3510  | 23   | 3510  |
| 35° | 7296  | 4806  | 22   | 4806  |
| 40° | 9170  | 6294  | 21   | 6294  |
| 45° | 12119 | 8020  | 21   | 8020  |
| 50° | 17011 | 9395  | 21   | 9395  |
| 55° | 22040 | 11071 | 20   | 11071 |
| 60° | 25472 | 13248 | 30   | 13248 |
| 65° | 27990 | 16133 | 31   | 16133 |
| 70° | 29903 | 19474 | 31   | 19474 |
| 75° | 31714 | 23686 | 32   | 23686 |
| 80° | 33509 | 30670 | 0    | 30670 |
| 85° | 35311 | 43955 | 0    | 43955 |



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 3.9    | 0.1       |
| 10°-20°   | 26.6   | 0.4       |
| 20°-30°   | 73.7   | 1.0       |
| 30°-40°   | 159.5  | 2.2       |
| 40°-50°   | 306.9  | 4.1       |
| 50°-60°   | 527.8  | 7.1       |
| 60°-70°   | 745.8  | 10.1      |
| 70°-80°   | 895.3  | 12.1      |
| 80°-90°   | 968.1  | 13.1      |
| 90°-100°  | 968.1  | 13.1      |
| 100°-110° | 895.3  | 12.1      |
| 110°-120° | 745.8  | 10.1      |
| 120°-130° | 527.8  | 7.1       |
| 130°-140° | 306.9  | 4.1       |
| 140°-150° | 159.5  | 2.2       |
| 150°-160° | 73.7   | 1.0       |
| 160°-170° | 26.6   | 0.4       |
| 170°-180° | 3.9    | 0.1       |
| 0°-30°    | 104.1  | 1.4       |
| 0°-40°    | 263.6  | 3.6       |
| 0°-60°    | 1098.3 | 14.8      |
| 0°-90°    | 3707.4 | 50.0      |
| 90°-120°  | 2609.1 | 35.2      |
| 90°-150°  | 3603.3 | 48.6      |
| 90°-180°  | 3707.0 | 50.0      |
| 0°-180°   | 7414.8 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90° | 180° | 270° | 360° | Flux |
|------|------|-----|------|------|------|------|
| 0°   | 2    | 2   | 2    | 2    | 2    |      |
| 5°   | 62   | 21  | 1    | 21   | 62   | 7    |
| 15°  | 185  | 58  | 1    | 58   | 185  | 56   |
| 25°  | 384  | 112 | 1    | 112  | 384  | 183  |
| 35°  | 658  | 215 | 2    | 215  | 658  | 424  |
| 45°  | 1161 | 319 | 2    | 319  | 1161 | 940  |
| 55°  | 2171 | 372 | 2    | 372  | 2171 | 1927 |
| 65°  | 2749 | 426 | 3    | 426  | 2749 | 2715 |
| 75°  | 3011 | 436 | 3    | 436  | 3011 | 3180 |
| 85°  | 3135 | 433 | 0    | 433  | 3135 | 2552 |
| 90°  | 3138 | 431 | 0    | 431  | 3138 | 1722 |
| 95°  | 3135 | 433 | 0    | 433  | 3135 | 2552 |
| 105° | 3011 | 436 | 3    | 436  | 3011 | 3180 |
| 115° | 2749 | 426 | 3    | 426  | 2749 | 2715 |
| 125° | 2171 | 372 | 2    | 372  | 2171 | 1927 |
| 135° | 1161 | 319 | 2    | 319  | 1161 | 940  |
| 145° | 658  | 215 | 2    | 215  | 658  | 424  |
| 155° | 384  | 112 | 1    | 112  | 384  | 183  |
| 165° | 185  | 58  | 1    | 58   | 185  | 56   |
| 175° | 62   | 21  | 1    | 21   | 62   | 7    |
| 180° | 2    | 2   | 2    | 2    | 2    |      |



TEST NUMBER: P232062

CATALOG NUMBER: FVS4WM-3-LD4-40-2HI-P125-UNV-EDC1

**CANDELA DISTRIBUTION (FULL):**

|        | 0°   | 2.5° | 5°   | 7.5° | 10°  | 12.5° | 15°  | 17.5° | 20°  | 22.5° | 25°  |
|--------|------|------|------|------|------|-------|------|-------|------|-------|------|
| 0°     | 2    | 2    | 2    | 2    | 2    | 2     | 2    | 2     | 2    | 2     | 2    |
| 2.5°   | 29   | 29   | 30   | 30   | 31   | 31    | 31   | 30    | 30   | 30    | 30   |
| 5°     | 62   | 63   | 64   | 64   | 65   | 64    | 64   | 64    | 64   | 64    | 63   |
| 7.5°   | 90   | 91   | 93   | 94   | 94   | 94    | 95   | 95    | 95   | 95    | 94   |
| 10°    | 114  | 116  | 118  | 120  | 120  | 121   | 122  | 122   | 122  | 122   | 122  |
| 12.5°  | 141  | 143  | 145  | 147  | 148  | 149   | 150  | 150   | 150  | 150   | 150  |
| 15°    | 185  | 187  | 188  | 188  | 188  | 188   | 187  | 186   | 185  | 184   | 182  |
| 17.5°  | 230  | 231  | 232  | 230  | 229  | 228   | 226  | 224   | 221  | 219   | 216  |
| 20°    | 277  | 277  | 277  | 274  | 272  | 269   | 265  | 262   | 257  | 253   | 248  |
| 22.5°  | 328  | 327  | 326  | 321  | 317  | 313   | 307  | 302   | 296  | 289   | 282  |
| 25°    | 384  | 382  | 377  | 373  | 367  | 360   | 353  | 345   | 336  | 327   | 317  |
| 27.5°  | 448  | 444  | 438  | 431  | 423  | 414   | 404  | 393   | 381  | 368   | 356  |
| 30°    | 513  | 510  | 503  | 495  | 486  | 475   | 462  | 448   | 432  | 415   | 399  |
| 32.5°  | 585  | 583  | 576  | 568  | 559  | 546   | 531  | 514   | 494  | 474   | 453  |
| 35°    | 658  | 658  | 653  | 646  | 637  | 624   | 609  | 591   | 569  | 546   | 520  |
| 37.5°  | 747  | 749  | 745  | 740  | 730  | 716   | 698  | 676   | 651  | 625   | 596  |
| 40°    | 856  | 861  | 857  | 851  | 840  | 825   | 805  | 780   | 752  | 720   | 683  |
| 42.5°  | 1005 | 1010 | 1004 | 994  | 979  | 957   | 930  | 897   | 865  | 828   | 787  |
| 45°    | 1161 | 1169 | 1163 | 1153 | 1136 | 1111  | 1078 | 1044  | 997  | 950   | 900  |
| 47.5°  | 1390 | 1396 | 1381 | 1362 | 1332 | 1294  | 1247 | 1197  | 1147 | 1088  | 1026 |
| 50°    | 1659 | 1657 | 1629 | 1597 | 1555 | 1506  | 1449 | 1388  | 1319 | 1234  | 1159 |
| 52.5°  | 1932 | 1921 | 1881 | 1837 | 1782 | 1719  | 1650 | 1577  | 1492 | 1396  | 1298 |
| 55°    | 2171 | 2149 | 2100 | 2048 | 1987 | 1920  | 1846 | 1756  | 1651 | 1544  | 1437 |
| 57.5°  | 2367 | 2336 | 2281 | 2223 | 2156 | 2084  | 2004 | 1913  | 1821 | 1692  | 1565 |
| 60°    | 2515 | 2481 | 2425 | 2365 | 2296 | 2219  | 2134 | 2044  | 1945 | 1833  | 1704 |
| 62.5°  | 2653 | 2606 | 2549 | 2484 | 2413 | 2337  | 2247 | 2154  | 2054 | 1950  | 1825 |
| 65°    | 2749 | 2706 | 2653 | 2588 | 2512 | 2428  | 2341 | 2245  | 2143 | 2037  | 1925 |
| 67.5°  | 2824 | 2784 | 2735 | 2676 | 2606 | 2520  | 2424 | 2324  | 2215 | 2106  | 1997 |
| 70°    | 2899 | 2866 | 2821 | 2761 | 2683 | 2596  | 2498 | 2393  | 2283 | 2169  | 2068 |
| 72.5°  | 2959 | 2932 | 2894 | 2843 | 2768 | 2668  | 2566 | 2450  | 2343 | 2239  | 2131 |
| 75°    | 3011 | 2996 | 2966 | 2904 | 2816 | 2726  | 2623 | 2513  | 2397 | 2292  | 2184 |
| 77.5°  | 3057 | 3046 | 3024 | 2959 | 2866 | 2760  | 2669 | 2561  | 2443 | 2329  | 2222 |
| 80°    | 3090 | 3077 | 3053 | 3002 | 2909 | 2805  | 2702 | 2601  | 2473 | 2355  | 2247 |
| 82.5°  | 3118 | 3100 | 3079 | 3033 | 2947 | 2834  | 2726 | 2615  | 2495 | 2378  | 2271 |
| 85°    | 3135 | 3114 | 3106 | 3049 | 2959 | 2847  | 2738 | 2631  | 2515 | 2396  | 2284 |
| 87.5°  | 3146 | 3129 | 3103 | 3059 | 2969 | 2857  | 2742 | 2634  | 2519 | 2402  | 2287 |
| 90°    | 3138 | 3112 | 3095 | 3045 | 2961 | 2846  | 2731 | 2621  | 2507 | 2397  | 2280 |
| 92.5°  | 3146 | 3129 | 3103 | 3059 | 2969 | 2857  | 2742 | 2634  | 2519 | 2402  | 2287 |
| 95°    | 3135 | 3114 | 3106 | 3049 | 2959 | 2847  | 2738 | 2631  | 2515 | 2396  | 2284 |
| 97.5°  | 3118 | 3100 | 3079 | 3033 | 2947 | 2834  | 2726 | 2615  | 2495 | 2378  | 2271 |
| 100°   | 3090 | 3077 | 3053 | 3002 | 2909 | 2805  | 2702 | 2601  | 2473 | 2355  | 2247 |
| 102.5° | 3057 | 3046 | 3024 | 2959 | 2866 | 2760  | 2669 | 2561  | 2443 | 2329  | 2222 |
| 105°   | 3011 | 2996 | 2966 | 2904 | 2816 | 2726  | 2623 | 2513  | 2397 | 2292  | 2184 |
| 107.5° | 2959 | 2932 | 2894 | 2843 | 2768 | 2668  | 2566 | 2450  | 2343 | 2239  | 2131 |
| 110°   | 2899 | 2866 | 2821 | 2761 | 2683 | 2596  | 2498 | 2393  | 2283 | 2169  | 2068 |



TEST NUMBER: P232062

CATALOG NUMBER: FVS4WM-3-LD4-40-2HI-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

|        | 0°   | 2.5° | 5°   | 7.5° | 10°  | 12.5° | 15°  | 17.5° | 20°  | 22.5° | 25°  |
|--------|------|------|------|------|------|-------|------|-------|------|-------|------|
| 112.5° | 2824 | 2784 | 2735 | 2676 | 2606 | 2520  | 2424 | 2324  | 2215 | 2106  | 1997 |
| 115°   | 2749 | 2706 | 2653 | 2588 | 2512 | 2428  | 2341 | 2245  | 2143 | 2037  | 1925 |
| 117.5° | 2653 | 2606 | 2549 | 2484 | 2413 | 2337  | 2247 | 2154  | 2054 | 1950  | 1825 |
| 120°   | 2515 | 2481 | 2425 | 2365 | 2296 | 2219  | 2134 | 2044  | 1945 | 1833  | 1704 |
| 122.5° | 2367 | 2336 | 2281 | 2223 | 2156 | 2084  | 2004 | 1913  | 1821 | 1692  | 1565 |
| 125°   | 2171 | 2149 | 2100 | 2048 | 1987 | 1920  | 1846 | 1756  | 1651 | 1544  | 1437 |
| 127.5° | 1932 | 1921 | 1881 | 1837 | 1782 | 1719  | 1650 | 1577  | 1492 | 1396  | 1298 |
| 130°   | 1659 | 1657 | 1629 | 1597 | 1555 | 1506  | 1449 | 1388  | 1319 | 1234  | 1159 |
| 132.5° | 1390 | 1396 | 1381 | 1362 | 1332 | 1294  | 1247 | 1197  | 1147 | 1088  | 1026 |
| 135°   | 1161 | 1169 | 1163 | 1153 | 1136 | 1111  | 1078 | 1044  | 997  | 950   | 900  |
| 137.5° | 1005 | 1010 | 1004 | 994  | 979  | 957   | 930  | 897   | 865  | 828   | 787  |
| 140°   | 856  | 861  | 857  | 851  | 840  | 825   | 805  | 780   | 752  | 720   | 683  |
| 142.5° | 747  | 749  | 745  | 740  | 730  | 716   | 698  | 676   | 651  | 625   | 596  |
| 145°   | 658  | 658  | 653  | 646  | 637  | 624   | 609  | 591   | 569  | 546   | 520  |
| 147.5° | 585  | 583  | 576  | 568  | 559  | 546   | 531  | 514   | 494  | 474   | 453  |
| 150°   | 513  | 510  | 503  | 495  | 486  | 475   | 462  | 448   | 432  | 415   | 399  |
| 152.5° | 448  | 444  | 438  | 431  | 423  | 414   | 404  | 393   | 381  | 368   | 356  |
| 155°   | 384  | 382  | 377  | 373  | 367  | 360   | 353  | 345   | 336  | 327   | 317  |
| 157.5° | 328  | 327  | 326  | 321  | 317  | 313   | 307  | 302   | 296  | 289   | 282  |
| 160°   | 277  | 277  | 277  | 274  | 272  | 269   | 265  | 262   | 257  | 253   | 248  |
| 162.5° | 230  | 231  | 232  | 230  | 229  | 228   | 226  | 224   | 221  | 219   | 216  |
| 165°   | 185  | 187  | 188  | 188  | 188  | 188   | 187  | 186   | 185  | 184   | 182  |
| 167.5° | 141  | 143  | 145  | 147  | 148  | 149   | 150  | 150   | 150  | 150   | 150  |
| 170°   | 114  | 116  | 118  | 120  | 120  | 121   | 122  | 122   | 122  | 122   | 122  |
| 172.5° | 90   | 91   | 93   | 94   | 94   | 94    | 95   | 95    | 95   | 95    | 94   |
| 175°   | 62   | 63   | 64   | 64   | 65   | 64    | 64   | 64    | 64   | 64    | 63   |
| 177.5° | 29   | 29   | 30   | 30   | 31   | 31    | 31   | 30    | 30   | 30    | 30   |
| 180°   | 2    | 2    | 2    | 2    | 2    | 2     | 2    | 2     | 2    | 2     | 2    |



TEST NUMBER: P232062

CATALOG NUMBER: FVS4WM-3-LD4-40-2HI-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

|        | 27.5° | 30°  | 32.5° | 35°  | 37.5° | 40°  | 42.5° | 45°  | 47.5° | 50°  | 52.5° |
|--------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|
| 0°     | 2     | 2    | 2     | 2    | 2     | 2    | 2     | 2    | 2     | 2    | 2     |
| 2.5°   | 30    | 30   | 30    | 29   | 29    | 29   | 28    | 28   | 27    | 26   | 26    |
| 5°     | 63    | 62   | 61    | 60   | 59    | 58   | 57    | 55   | 54    | 52   | 51    |
| 7.5°   | 94    | 93   | 92    | 91   | 90    | 88   | 86    | 85   | 83    | 80   | 78    |
| 10°    | 122   | 121  | 120   | 119  | 118   | 117  | 115   | 112  | 109   | 107  | 104   |
| 12.5°  | 150   | 149  | 148   | 146  | 145   | 143  | 141   | 138  | 136   | 133  | 129   |
| 15°    | 180   | 178  | 176   | 174  | 172   | 170  | 167   | 164  | 161   | 158  | 154   |
| 17.5°  | 213   | 209  | 206   | 203  | 200   | 196  | 193   | 190  | 186   | 182  | 178   |
| 20°    | 243   | 238  | 234   | 229  | 225   | 221  | 217   | 213  | 209   | 206  | 201   |
| 22.5°  | 275   | 268  | 262   | 255  | 248   | 242  | 238   | 233  | 229   | 225  | 221   |
| 25°    | 309   | 299  | 290   | 281  | 272   | 264  | 257   | 249  | 245   | 241  | 237   |
| 27.5°  | 344   | 332  | 320   | 308  | 297   | 286  | 277   | 268  | 260   | 253  | 249   |
| 30°    | 383   | 367  | 351   | 336  | 322   | 308  | 297   | 285  | 279   | 277  | 275   |
| 32.5°  | 431   | 407  | 386   | 367  | 348   | 332  | 323   | 317  | 312   | 307  | 304   |
| 35°    | 491   | 461  | 433   | 404  | 383   | 372  | 360   | 353  | 345   | 339  | 333   |
| 37.5°  | 563   | 529  | 492   | 467  | 443   | 420  | 404   | 391  | 379   | 370  | 363   |
| 40°    | 644   | 607  | 575   | 543  | 511   | 482  | 456   | 433  | 417   | 403  | 393   |
| 42.5°  | 744   | 702  | 661   | 624  | 589   | 550  | 514   | 485  | 457   | 439  | 425   |
| 45°    | 853   | 805  | 757   | 708  | 664   | 620  | 579   | 540  | 507   | 478  | 458   |
| 47.5°  | 967   | 908  | 853   | 798  | 745   | 693  | 645   | 601  | 559   | 523  | 495   |
| 50°    | 1084  | 1015 | 949   | 887  | 829   | 769  | 713   | 660  | 614   | 571  | 533   |
| 52.5°  | 1204  | 1122 | 1045  | 974  | 908   | 846  | 781   | 723  | 670   | 621  | 589   |
| 55°    | 1331  | 1228 | 1140  | 1058 | 985   | 916  | 848   | 785  | 733   | 689  | 658   |
| 57.5°  | 1449  | 1336 | 1230  | 1139 | 1057  | 984  | 918   | 857  | 800   | 753  | 720   |
| 60°    | 1561  | 1435 | 1319  | 1213 | 1129  | 1053 | 985   | 922  | 864   | 815  | 778   |
| 62.5°  | 1686  | 1528 | 1403  | 1296 | 1199  | 1116 | 1045  | 981  | 922   | 870  | 830   |
| 65°    | 1790  | 1641 | 1487  | 1371 | 1268  | 1177 | 1098  | 1032 | 975   | 922  | 882   |
| 67.5°  | 1882  | 1735 | 1578  | 1439 | 1328  | 1232 | 1147  | 1079 | 1021  | 971  | 928   |
| 70°    | 1953  | 1814 | 1659  | 1499 | 1382  | 1283 | 1194  | 1119 | 1062  | 1014 | 970   |
| 72.5°  | 2020  | 1880 | 1718  | 1558 | 1426  | 1324 | 1235  | 1156 | 1096  | 1052 | 1010  |
| 75°    | 2071  | 1939 | 1773  | 1599 | 1458  | 1358 | 1267  | 1182 | 1120  | 1076 | 1041  |
| 77.5°  | 2116  | 1990 | 1820  | 1641 | 1495  | 1382 | 1284  | 1199 | 1135  | 1095 | 1068  |
| 80°    | 2145  | 2027 | 1865  | 1682 | 1526  | 1403 | 1298  | 1210 | 1146  | 1110 | 1091  |
| 82.5°  | 2170  | 2058 | 1904  | 1710 | 1547  | 1419 | 1308  | 1216 | 1153  | 1121 | 1111  |
| 85°    | 2186  | 2080 | 1933  | 1726 | 1560  | 1431 | 1314  | 1217 | 1157  | 1129 | 1129  |
| 87.5°  | 2192  | 2097 | 1958  | 1734 | 1569  | 1440 | 1318  | 1215 | 1159  | 1135 | 1146  |
| 90°    | 2190  | 2094 | 1954  | 1721 | 1562  | 1437 | 1312  | 1208 | 1159  | 1142 | 1162  |
| 92.5°  | 2192  | 2097 | 1958  | 1734 | 1569  | 1440 | 1318  | 1215 | 1159  | 1135 | 1146  |
| 95°    | 2186  | 2080 | 1933  | 1726 | 1560  | 1431 | 1314  | 1217 | 1157  | 1129 | 1129  |
| 97.5°  | 2170  | 2058 | 1904  | 1710 | 1547  | 1419 | 1308  | 1216 | 1153  | 1121 | 1111  |
| 100°   | 2145  | 2027 | 1865  | 1682 | 1526  | 1403 | 1298  | 1210 | 1146  | 1110 | 1091  |
| 102.5° | 2116  | 1990 | 1820  | 1641 | 1495  | 1382 | 1284  | 1199 | 1135  | 1095 | 1068  |
| 105°   | 2071  | 1939 | 1773  | 1599 | 1458  | 1358 | 1267  | 1182 | 1120  | 1076 | 1041  |
| 107.5° | 2020  | 1880 | 1718  | 1558 | 1426  | 1324 | 1235  | 1156 | 1096  | 1052 | 1010  |
| 110°   | 1953  | 1814 | 1659  | 1499 | 1382  | 1283 | 1194  | 1119 | 1062  | 1014 | 970   |





TEST NUMBER: P232062

CATALOG NUMBER: FVS4WM-3-LD4-40-2HI-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° | 1882  | 1735 | 1578  | 1439 | 1328  | 1232 | 1147  | 1079 | 1021  | 971 | 928   |
| 115°   | 1790  | 1641 | 1487  | 1371 | 1268  | 1177 | 1098  | 1032 | 975   | 922 | 882   |
| 117.5° | 1686  | 1528 | 1403  | 1296 | 1199  | 1116 | 1045  | 981  | 922   | 870 | 830   |
| 120°   | 1561  | 1435 | 1319  | 1213 | 1129  | 1053 | 985   | 922  | 864   | 815 | 778   |
| 122.5° | 1449  | 1336 | 1230  | 1139 | 1057  | 984  | 918   | 857  | 800   | 753 | 720   |
| 125°   | 1331  | 1228 | 1140  | 1058 | 985   | 916  | 848   | 785  | 733   | 689 | 658   |
| 127.5° | 1204  | 1122 | 1045  | 974  | 908   | 846  | 781   | 723  | 670   | 621 | 589   |
| 130°   | 1084  | 1015 | 949   | 887  | 829   | 769  | 713   | 660  | 614   | 571 | 533   |
| 132.5° | 967   | 908  | 853   | 798  | 745   | 693  | 645   | 601  | 559   | 523 | 495   |
| 135°   | 853   | 805  | 757   | 708  | 664   | 620  | 579   | 540  | 507   | 478 | 458   |
| 137.5° | 744   | 702  | 661   | 624  | 589   | 550  | 514   | 485  | 457   | 439 | 425   |
| 140°   | 644   | 607  | 575   | 543  | 511   | 482  | 456   | 433  | 417   | 403 | 393   |
| 142.5° | 563   | 529  | 492   | 467  | 443   | 420  | 404   | 391  | 379   | 370 | 363   |
| 145°   | 491   | 461  | 433   | 404  | 383   | 372  | 360   | 353  | 345   | 339 | 333   |
| 147.5° | 431   | 407  | 386   | 367  | 348   | 332  | 323   | 317  | 312   | 307 | 304   |
| 150°   | 383   | 367  | 351   | 336  | 322   | 308  | 297   | 285  | 279   | 277 | 275   |
| 152.5° | 344   | 332  | 320   | 308  | 297   | 286  | 277   | 268  | 260   | 253 | 249   |
| 155°   | 309   | 299  | 290   | 281  | 272   | 264  | 257   | 249  | 245   | 241 | 237   |
| 157.5° | 275   | 268  | 262   | 255  | 248   | 242  | 238   | 233  | 229   | 225 | 221   |
| 160°   | 243   | 238  | 234   | 229  | 225   | 221  | 217   | 213  | 209   | 206 | 201   |
| 162.5° | 213   | 209  | 206   | 203  | 200   | 196  | 193   | 190  | 186   | 182 | 178   |
| 165°   | 180   | 178  | 176   | 174  | 172   | 170  | 167   | 164  | 161   | 158 | 154   |
| 167.5° | 150   | 149  | 148   | 146  | 145   | 143  | 141   | 138  | 136   | 133 | 129   |
| 170°   | 122   | 121  | 120   | 119  | 118   | 117  | 115   | 112  | 109   | 107 | 104   |
| 172.5° | 94    | 93   | 92    | 91   | 90    | 88   | 86    | 85   | 83    | 80  | 78    |
| 175°   | 63    | 62   | 61    | 60   | 59    | 58   | 57    | 55   | 54    | 52  | 51    |
| 177.5° | 30    | 30   | 30    | 29   | 29    | 29   | 28    | 28   | 27    | 26  | 26    |
| 180°   | 2     | 2    | 2     | 2    | 2     | 2    | 2     | 2    | 2     | 2   | 2     |



TEST NUMBER: P232062

CATALOG NUMBER: FVS4WM-3-LD4-40-2HI-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

|        | 55°  | 57.5° | 60°  | 62.5° | 65°  | 67.5° | 70°  | 72.5° | 75° | 77.5° | 80° |
|--------|------|-------|------|-------|------|-------|------|-------|-----|-------|-----|
| 0°     | 2    | 2     | 2    | 2     | 2    | 2     | 2    | 2     | 2   | 2     | 2   |
| 2.5°   | 25   | 24    | 23   | 23    | 22   | 21    | 20   | 19    | 18  | 17    | 16  |
| 5°     | 49   | 47    | 45   | 43    | 41   | 40    | 38   | 36    | 34  | 32    | 30  |
| 7.5°   | 75   | 72    | 69   | 66    | 62   | 59    | 55   | 52    | 49  | 46    | 43  |
| 10°    | 100  | 97    | 93   | 89    | 84   | 80    | 75   | 70    | 65  | 61    | 57  |
| 12.5°  | 125  | 121   | 116  | 111   | 106  | 100   | 95   | 89    | 82  | 76    | 70  |
| 15°    | 149  | 145   | 141  | 134   | 127  | 121   | 114  | 107   | 99  | 92    | 84  |
| 17.5°  | 175  | 168   | 162  | 156   | 149  | 141   | 133  | 125   | 116 | 107   | 98  |
| 20°    | 196  | 191   | 185  | 178   | 170  | 162   | 153  | 143   | 133 | 123   | 112 |
| 22.5°  | 218  | 213   | 206  | 200   | 192  | 182   | 172  | 161   | 150 | 138   | 127 |
| 25°    | 234  | 231   | 227  | 220   | 214  | 207   | 198  | 189   | 178 | 167   | 156 |
| 27.5°  | 250  | 250   | 251  | 250   | 244  | 238   | 230  | 220   | 210 | 198   | 186 |
| 30°    | 275  | 275   | 275  | 275   | 273  | 267   | 260  | 251   | 242 | 229   | 217 |
| 32.5°  | 301  | 300   | 300  | 299   | 299  | 295   | 288  | 280   | 270 | 259   | 247 |
| 35°    | 329  | 326   | 325  | 324   | 323  | 321   | 315  | 309   | 299 | 289   | 276 |
| 37.5°  | 357  | 353   | 350  | 348   | 348  | 346   | 342  | 335   | 326 | 317   | 305 |
| 40°    | 386  | 379   | 376  | 373   | 371  | 370   | 367  | 361   | 353 | 344   | 333 |
| 42.5°  | 414  | 407   | 401  | 398   | 396  | 394   | 391  | 386   | 379 | 371   | 361 |
| 45°    | 444  | 433   | 427  | 423   | 420  | 418   | 415  | 411   | 404 | 397   | 388 |
| 47.5°  | 472  | 461   | 452  | 447   | 444  | 444   | 445  | 443   | 436 | 426   | 414 |
| 50°    | 507  | 490   | 491  | 497   | 500  | 499   | 494  | 486   | 473 | 457   | 441 |
| 52.5°  | 566  | 558   | 560  | 563   | 565  | 558   | 547  | 533   | 514 | 490   | 469 |
| 55°    | 633  | 625   | 625  | 631   | 633  | 621   | 603  | 582   | 556 | 525   | 498 |
| 57.5°  | 697  | 686   | 689  | 697   | 699  | 687   | 662  | 634   | 601 | 562   | 528 |
| 60°    | 755  | 745   | 750  | 761   | 767  | 756   | 723  | 688   | 647 | 601   | 558 |
| 62.5°  | 810  | 802   | 808  | 823   | 834  | 828   | 787  | 743   | 695 | 641   | 590 |
| 65°    | 860  | 854   | 862  | 883   | 902  | 897   | 853  | 801   | 744 | 682   | 622 |
| 67.5°  | 904  | 902   | 914  | 941   | 964  | 964   | 921  | 860   | 795 | 724   | 654 |
| 70°    | 946  | 947   | 965  | 994   | 1016 | 1010  | 961  | 887   | 812 | 736   | 662 |
| 72.5°  | 986  | 985   | 999  | 1022  | 1036 | 1022  | 972  | 894   | 816 | 740   | 665 |
| 75°    | 1020 | 1019  | 1031 | 1051  | 1061 | 1037  | 982  | 900   | 819 | 743   | 667 |
| 77.5°  | 1051 | 1053  | 1065 | 1081  | 1089 | 1053  | 992  | 906   | 822 | 745   | 669 |
| 80°    | 1080 | 1086  | 1099 | 1113  | 1120 | 1071  | 1001 | 911   | 823 | 746   | 670 |
| 82.5°  | 1106 | 1119  | 1134 | 1145  | 1152 | 1089  | 1009 | 915   | 823 | 746   | 673 |
| 85°    | 1132 | 1151  | 1169 | 1179  | 1186 | 1110  | 1019 | 920   | 824 | 747   | 672 |
| 87.5°  | 1156 | 1184  | 1205 | 1213  | 1219 | 1125  | 1022 | 920   | 821 | 745   | 671 |
| 90°    | 1182 | 1217  | 1241 | 1247  | 1250 | 1140  | 1025 | 920   | 818 | 742   | 670 |
| 92.5°  | 1156 | 1184  | 1205 | 1213  | 1219 | 1125  | 1022 | 920   | 821 | 745   | 671 |
| 95°    | 1132 | 1151  | 1169 | 1179  | 1186 | 1110  | 1019 | 920   | 824 | 747   | 672 |
| 97.5°  | 1106 | 1119  | 1134 | 1145  | 1152 | 1089  | 1009 | 915   | 823 | 746   | 673 |
| 100°   | 1080 | 1086  | 1099 | 1113  | 1120 | 1071  | 1001 | 911   | 823 | 746   | 670 |
| 102.5° | 1051 | 1053  | 1065 | 1081  | 1089 | 1053  | 992  | 906   | 822 | 745   | 669 |
| 105°   | 1020 | 1019  | 1031 | 1051  | 1061 | 1037  | 982  | 900   | 819 | 743   | 667 |
| 107.5° | 986  | 985   | 999  | 1022  | 1036 | 1022  | 972  | 894   | 816 | 740   | 665 |
| 110°   | 946  | 947   | 965  | 994   | 1016 | 1010  | 961  | 887   | 812 | 736   | 662 |



TEST NUMBER: P232062

CATALOG NUMBER: FVS4WM-3-LD4-40-2HI-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

|        | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° | 75° | 77.5° | 80° |
|--------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|
| 112.5° | 904 | 902   | 914 | 941   | 964 | 964   | 921 | 860   | 795 | 724   | 654 |
| 115°   | 860 | 854   | 862 | 883   | 902 | 897   | 853 | 801   | 744 | 682   | 622 |
| 117.5° | 810 | 802   | 808 | 823   | 834 | 828   | 787 | 743   | 695 | 641   | 590 |
| 120°   | 755 | 745   | 750 | 761   | 767 | 756   | 723 | 688   | 647 | 601   | 558 |
| 122.5° | 697 | 686   | 689 | 697   | 699 | 687   | 662 | 634   | 601 | 562   | 528 |
| 125°   | 633 | 625   | 625 | 631   | 633 | 621   | 603 | 582   | 556 | 525   | 498 |
| 127.5° | 566 | 558   | 560 | 563   | 565 | 558   | 547 | 533   | 514 | 490   | 469 |
| 130°   | 507 | 490   | 491 | 497   | 500 | 499   | 494 | 486   | 473 | 457   | 441 |
| 132.5° | 472 | 461   | 452 | 447   | 444 | 444   | 445 | 443   | 436 | 426   | 414 |
| 135°   | 444 | 433   | 427 | 423   | 420 | 418   | 415 | 411   | 404 | 397   | 388 |
| 137.5° | 414 | 407   | 401 | 398   | 396 | 394   | 391 | 386   | 379 | 371   | 361 |
| 140°   | 386 | 379   | 376 | 373   | 371 | 370   | 367 | 361   | 353 | 344   | 333 |
| 142.5° | 357 | 353   | 350 | 348   | 348 | 346   | 342 | 335   | 326 | 317   | 305 |
| 145°   | 329 | 326   | 325 | 324   | 323 | 321   | 315 | 309   | 299 | 289   | 276 |
| 147.5° | 301 | 300   | 300 | 299   | 299 | 295   | 288 | 280   | 270 | 259   | 247 |
| 150°   | 275 | 275   | 275 | 275   | 273 | 267   | 260 | 251   | 242 | 229   | 217 |
| 152.5° | 250 | 250   | 251 | 250   | 244 | 238   | 230 | 220   | 210 | 198   | 186 |
| 155°   | 234 | 231   | 227 | 220   | 214 | 207   | 198 | 189   | 178 | 167   | 156 |
| 157.5° | 218 | 213   | 206 | 200   | 192 | 182   | 172 | 161   | 150 | 138   | 127 |
| 160°   | 196 | 191   | 185 | 178   | 170 | 162   | 153 | 143   | 133 | 123   | 112 |
| 162.5° | 175 | 168   | 162 | 156   | 149 | 141   | 133 | 125   | 116 | 107   | 98  |
| 165°   | 149 | 145   | 141 | 134   | 127 | 121   | 114 | 107   | 99  | 92    | 84  |
| 167.5° | 125 | 121   | 116 | 111   | 106 | 100   | 95  | 89    | 82  | 76    | 70  |
| 170°   | 100 | 97    | 93  | 89    | 84  | 80    | 75  | 70    | 65  | 61    | 57  |
| 172.5° | 75  | 72    | 69  | 66    | 62  | 59    | 55  | 52    | 49  | 46    | 43  |
| 175°   | 49  | 47    | 45  | 43    | 41  | 40    | 38  | 36    | 34  | 32    | 30  |
| 177.5° | 25  | 24    | 23  | 23    | 22  | 21    | 20  | 19    | 18  | 17    | 16  |
| 180°   | 2   | 2     | 2   | 2     | 2   | 2     | 2   | 2     | 2   | 2     | 2   |



TEST NUMBER: P232062

CATALOG NUMBER: FVS4WM-3-LD4-40-2HI-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

|        | 82.5° | 85° | 87.5° | 90° | 92.5° | 95° | 97.5° | 100° | 102.5° | 105° | 107.5° |
|--------|-------|-----|-------|-----|-------|-----|-------|------|--------|------|--------|
| 0°     | 2     | 2   | 2     | 2   | 2     | 2   | 2     | 2    | 2      | 2    | 2      |
| 2.5°   | 15    | 14  | 12    | 11  | 11    | 11  | 11    | 11   | 11     | 11   | 11     |
| 5°     | 27    | 25  | 23    | 21  | 20    | 20  | 20    | 20   | 19     | 19   | 19     |
| 7.5°   | 40    | 37  | 33    | 30  | 30    | 29  | 29    | 28   | 28     | 27   | 26     |
| 10°    | 53    | 48  | 44    | 39  | 39    | 38  | 37    | 36   | 35     | 35   | 34     |
| 12.5°  | 65    | 60  | 54    | 49  | 48    | 47  | 45    | 44   | 43     | 42   | 41     |
| 15°    | 77    | 71  | 65    | 58  | 57    | 55  | 53    | 52   | 51     | 50   | 49     |
| 17.5°  | 90    | 82  | 75    | 67  | 65    | 63  | 61    | 60   | 59     | 57   | 56     |
| 20°    | 102   | 94  | 85    | 77  | 74    | 72  | 69    | 68   | 66     | 65   | 63     |
| 22.5°  | 115   | 105 | 95    | 86  | 83    | 80  | 77    | 75   | 74     | 72   | 71     |
| 25°    | 144   | 133 | 123   | 112 | 107   | 103 | 99    | 95   | 92     | 89   | 85     |
| 27.5°  | 174   | 161 | 150   | 138 | 132   | 126 | 121   | 117  | 112    | 108  | 103    |
| 30°    | 203   | 190 | 177   | 164 | 156   | 148 | 143   | 137  | 132    | 126  | 120    |
| 32.5°  | 233   | 218 | 204   | 190 | 180   | 171 | 165   | 158  | 150    | 143  | 137    |
| 35°    | 262   | 247 | 231   | 215 | 205   | 194 | 186   | 177  | 169    | 161  | 153    |
| 37.5°  | 291   | 275 | 259   | 241 | 228   | 217 | 207   | 197  | 186    | 177  | 168    |
| 40°    | 320   | 304 | 286   | 267 | 252   | 239 | 227   | 215  | 204    | 193  | 182    |
| 42.5°  | 349   | 332 | 313   | 293 | 276   | 261 | 248   | 233  | 221    | 209  | 195    |
| 45°    | 377   | 360 | 341   | 319 | 300   | 283 | 267   | 251  | 237    | 224  | 209    |
| 47.5°  | 398   | 379 | 356   | 332 | 311   | 292 | 275   | 257  | 244    | 230  | 216    |
| 50°    | 421   | 397 | 372   | 346 | 321   | 300 | 280   | 261  | 246    | 232  | 219    |
| 52.5°  | 443   | 416 | 387   | 359 | 332   | 308 | 286   | 265  | 249    | 235  | 221    |
| 55°    | 467   | 435 | 403   | 372 | 343   | 316 | 291   | 269  | 251    | 237  | 225    |
| 57.5°  | 491   | 454 | 418   | 386 | 353   | 324 | 296   | 272  | 254    | 241  | 229    |
| 60°    | 516   | 473 | 434   | 399 | 364   | 332 | 301   | 275  | 257    | 245  | 234    |
| 62.5°  | 542   | 493 | 449   | 412 | 374   | 339 | 306   | 279  | 261    | 249  | 238    |
| 65°    | 568   | 512 | 465   | 426 | 385   | 346 | 310   | 282  | 265    | 253  | 244    |
| 67.5°  | 594   | 532 | 480   | 439 | 395   | 354 | 315   | 285  | 269    | 258  | 250    |
| 70°    | 600   | 536 | 484   | 438 | 394   | 350 | 312   | 283  | 267    | 258  | 251    |
| 72.5°  | 604   | 540 | 488   | 437 | 392   | 347 | 308   | 280  | 264    | 254  | 248    |
| 75°    | 607   | 544 | 493   | 436 | 390   | 344 | 305   | 278  | 262    | 251  | 246    |
| 77.5°  | 610   | 548 | 496   | 435 | 388   | 341 | 302   | 276  | 259    | 248  | 243    |
| 80°    | 613   | 553 | 500   | 435 | 386   | 338 | 300   | 274  | 256    | 245  | 241    |
| 82.5°  | 617   | 555 | 503   | 434 | 384   | 335 | 297   | 272  | 253    | 242  | 239    |
| 85°    | 617   | 557 | 506   | 433 | 383   | 333 | 295   | 270  | 251    | 239  | 238    |
| 87.5°  | 618   | 560 | 509   | 432 | 381   | 330 | 293   | 269  | 248    | 236  | 236    |
| 90°    | 619   | 562 | 512   | 431 | 380   | 328 | 291   | 268  | 246    | 233  | 234    |
| 92.5°  | 618   | 560 | 509   | 432 | 381   | 330 | 293   | 269  | 248    | 236  | 236    |
| 95°    | 617   | 557 | 506   | 433 | 383   | 333 | 295   | 270  | 251    | 239  | 238    |
| 97.5°  | 617   | 555 | 503   | 434 | 384   | 335 | 297   | 272  | 253    | 242  | 239    |
| 100°   | 613   | 553 | 500   | 435 | 386   | 338 | 300   | 274  | 256    | 245  | 241    |
| 102.5° | 610   | 548 | 496   | 435 | 388   | 341 | 302   | 276  | 259    | 248  | 243    |
| 105°   | 607   | 544 | 493   | 436 | 390   | 344 | 305   | 278  | 262    | 251  | 246    |
| 107.5° | 604   | 540 | 488   | 437 | 392   | 347 | 308   | 280  | 264    | 254  | 248    |
| 110°   | 600   | 536 | 484   | 438 | 394   | 350 | 312   | 283  | 267    | 258  | 251    |



TEST NUMBER: P232062

CATALOG NUMBER: FVS4WM-3-LD4-40-2HI-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° | 594   | 532 | 480   | 439 | 395   | 354 | 315   | 285  | 269    | 258  | 250    |
| 115°   | 568   | 512 | 465   | 426 | 385   | 346 | 310   | 282  | 265    | 253  | 244    |
| 117.5° | 542   | 493 | 449   | 412 | 374   | 339 | 306   | 279  | 261    | 249  | 238    |
| 120°   | 516   | 473 | 434   | 399 | 364   | 332 | 301   | 275  | 257    | 245  | 234    |
| 122.5° | 491   | 454 | 418   | 386 | 353   | 324 | 296   | 272  | 254    | 241  | 229    |
| 125°   | 467   | 435 | 403   | 372 | 343   | 316 | 291   | 269  | 251    | 237  | 225    |
| 127.5° | 443   | 416 | 387   | 359 | 332   | 308 | 286   | 265  | 249    | 235  | 221    |
| 130°   | 421   | 397 | 372   | 346 | 321   | 300 | 280   | 261  | 246    | 232  | 219    |
| 132.5° | 398   | 379 | 356   | 332 | 311   | 292 | 275   | 257  | 244    | 230  | 216    |
| 135°   | 377   | 360 | 341   | 319 | 300   | 283 | 267   | 251  | 237    | 224  | 209    |
| 137.5° | 349   | 332 | 313   | 293 | 276   | 261 | 248   | 233  | 221    | 209  | 195    |
| 140°   | 320   | 304 | 286   | 267 | 252   | 239 | 227   | 215  | 204    | 193  | 182    |
| 142.5° | 291   | 275 | 259   | 241 | 228   | 217 | 207   | 197  | 186    | 177  | 168    |
| 145°   | 262   | 247 | 231   | 215 | 205   | 194 | 186   | 177  | 169    | 161  | 153    |
| 147.5° | 233   | 218 | 204   | 190 | 180   | 171 | 165   | 158  | 150    | 143  | 137    |
| 150°   | 203   | 190 | 177   | 164 | 156   | 148 | 143   | 137  | 132    | 126  | 120    |
| 152.5° | 174   | 161 | 150   | 138 | 132   | 126 | 121   | 117  | 112    | 108  | 103    |
| 155°   | 144   | 133 | 123   | 112 | 107   | 103 | 99    | 95   | 92     | 89   | 85     |
| 157.5° | 115   | 105 | 95    | 86  | 83    | 80  | 77    | 75   | 74     | 72   | 71     |
| 160°   | 102   | 94  | 85    | 77  | 74    | 72  | 69    | 68   | 66     | 65   | 63     |
| 162.5° | 90    | 82  | 75    | 67  | 65    | 63  | 61    | 60   | 59     | 57   | 56     |
| 165°   | 77    | 71  | 65    | 58  | 57    | 55  | 53    | 52   | 51     | 50   | 49     |
| 167.5° | 65    | 60  | 54    | 49  | 48    | 47  | 45    | 44   | 43     | 42   | 41     |
| 170°   | 53    | 48  | 44    | 39  | 39    | 38  | 37    | 36   | 35     | 35   | 34     |
| 172.5° | 40    | 37  | 33    | 30  | 30    | 29  | 29    | 28   | 28     | 27   | 26     |
| 175°   | 27    | 25  | 23    | 21  | 20    | 20  | 20    | 20   | 19     | 19   | 19     |
| 177.5° | 15    | 14  | 12    | 11  | 11    | 11  | 11    | 11   | 11     | 11   | 11     |
| 180°   | 2     | 2   | 2     | 2   | 2     | 2   | 2     | 2    | 2      | 2    | 2      |



TEST NUMBER: P232062

CATALOG NUMBER: FVS4WM-3-LD4-40-2HI-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

|        | 110° | 112.5° | 115° | 117.5° | 120° | 122.5° | 125° | 127.5° | 130° | 132.5° | 135° |
|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|
| 0°     | 2    | 2      | 2    | 2      | 2    | 2      | 2    | 2      | 2    | 2      | 2    |
| 2.5°   | 10   | 10     | 10   | 10     | 10   | 9      | 9    | 9      | 9    | 8      | 8    |
| 5°     | 18   | 18     | 18   | 17     | 17   | 16     | 16   | 15     | 15   | 14     | 13   |
| 7.5°   | 26   | 25     | 25   | 24     | 23   | 22     | 22   | 21     | 20   | 19     | 18   |
| 10°    | 33   | 32     | 31   | 31     | 30   | 29     | 28   | 27     | 26   | 25     | 24   |
| 12.5°  | 40   | 39     | 38   | 37     | 36   | 35     | 34   | 33     | 32   | 30     | 29   |
| 15°    | 47   | 46     | 45   | 44     | 43   | 41     | 40   | 38     | 37   | 35     | 33   |
| 17.5°  | 55   | 53     | 52   | 51     | 49   | 47     | 45   | 44     | 42   | 40     | 38   |
| 20°    | 62   | 60     | 59   | 57     | 55   | 53     | 50   | 48     | 46   | 44     | 42   |
| 22.5°  | 69   | 67     | 65   | 63     | 60   | 57     | 55   | 53     | 50   | 48     | 45   |
| 25°    | 81   | 77     | 73   | 68     | 65   | 62     | 60   | 57     | 54   | 51     | 47   |
| 27.5°  | 98   | 93     | 87   | 82     | 76   | 71     | 66   | 60     | 57   | 53     | 51   |
| 30°    | 114  | 108    | 101  | 95     | 89   | 82     | 75   | 69     | 63   | 58     | 53   |
| 32.5°  | 129  | 122    | 114  | 107    | 99   | 91     | 84   | 77     | 71   | 65     | 60   |
| 35°    | 144  | 135    | 126  | 117    | 108  | 100    | 92   | 85     | 78   | 72     | 66   |
| 37.5°  | 157  | 147    | 137  | 127    | 116  | 107    | 99   | 91     | 84   | 78     | 72   |
| 40°    | 170  | 159    | 147  | 135    | 124  | 114    | 106  | 97     | 90   | 83     | 77   |
| 42.5°  | 182  | 170    | 156  | 143    | 131  | 121    | 112  | 103    | 95   | 88     | 81   |
| 45°    | 194  | 179    | 164  | 150    | 138  | 127    | 117  | 108    | 100  | 92     | 85   |
| 47.5°  | 203  | 188    | 172  | 157    | 145  | 133    | 122  | 113    | 104  | 96     | 88   |
| 50°    | 205  | 190    | 176  | 162    | 150  | 138    | 127  | 117    | 107  | 99     | 91   |
| 52.5°  | 208  | 194    | 179  | 166    | 154  | 142    | 132  | 122    | 110  | 101    | 93   |
| 55°    | 212  | 198    | 184  | 170    | 158  | 148    | 138  | 127    | 116  | 105    | 95   |
| 57.5°  | 216  | 203    | 188  | 175    | 163  | 154    | 145  | 134    | 122  | 110    | 99   |
| 60°    | 222  | 208    | 194  | 181    | 170  | 162    | 153  | 140    | 127  | 114    | 102  |
| 62.5°  | 228  | 213    | 199  | 186    | 177  | 170    | 160  | 146    | 131  | 118    | 106  |
| 65°    | 233  | 219    | 205  | 193    | 185  | 178    | 167  | 152    | 136  | 122    | 109  |
| 67.5°  | 240  | 225    | 211  | 200    | 194  | 188    | 174  | 157    | 140  | 126    | 112  |
| 70°    | 242  | 229    | 216  | 208    | 203  | 197    | 181  | 162    | 145  | 130    | 116  |
| 72.5°  | 239  | 228    | 216  | 209    | 204  | 197    | 183  | 165    | 149  | 134    | 119  |
| 75°    | 237  | 227    | 217  | 209    | 204  | 195    | 181  | 165    | 148  | 133    | 120  |
| 77.5°  | 236  | 227    | 217  | 209    | 203  | 194    | 181  | 165    | 148  | 132    | 119  |
| 80°    | 235  | 228    | 218  | 210    | 202  | 193    | 181  | 165    | 147  | 131    | 118  |
| 82.5°  | 234  | 229    | 219  | 210    | 202  | 192    | 183  | 166    | 147  | 131    | 118  |
| 85°    | 234  | 230    | 221  | 210    | 201  | 193    | 185  | 167    | 147  | 131    | 119  |
| 87.5°  | 233  | 231    | 222  | 210    | 200  | 193    | 188  | 169    | 148  | 132    | 120  |
| 90°    | 233  | 233    | 224  | 211    | 200  | 194    | 191  | 172    | 150  | 133    | 122  |
| 92.5°  | 233  | 231    | 222  | 210    | 200  | 193    | 188  | 169    | 148  | 132    | 120  |
| 95°    | 234  | 230    | 221  | 210    | 201  | 193    | 185  | 167    | 147  | 131    | 119  |
| 97.5°  | 234  | 229    | 219  | 210    | 202  | 192    | 183  | 166    | 147  | 131    | 118  |
| 100°   | 235  | 228    | 218  | 210    | 202  | 193    | 181  | 165    | 147  | 131    | 118  |
| 102.5° | 236  | 227    | 217  | 209    | 203  | 194    | 181  | 165    | 148  | 132    | 119  |
| 105°   | 237  | 227    | 217  | 209    | 204  | 195    | 181  | 165    | 148  | 133    | 120  |
| 107.5° | 239  | 228    | 216  | 209    | 204  | 197    | 183  | 165    | 149  | 134    | 119  |
| 110°   | 242  | 229    | 216  | 208    | 203  | 197    | 181  | 162    | 145  | 130    | 116  |



TEST NUMBER: P232062

CATALOG NUMBER: FVS4WM-3-LD4-40-2HI-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

|        | 110° | 112.5° | 115° | 117.5° | 120° | 122.5° | 125° | 127.5° | 130° | 132.5° | 135° |
|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|
| 112.5° | 240  | 225    | 211  | 200    | 194  | 188    | 174  | 157    | 140  | 126    | 112  |
| 115°   | 233  | 219    | 205  | 193    | 185  | 178    | 167  | 152    | 136  | 122    | 109  |
| 117.5° | 228  | 213    | 199  | 186    | 177  | 170    | 160  | 146    | 131  | 118    | 106  |
| 120°   | 222  | 208    | 194  | 181    | 170  | 162    | 153  | 140    | 127  | 114    | 102  |
| 122.5° | 216  | 203    | 188  | 175    | 163  | 154    | 145  | 134    | 122  | 110    | 99   |
| 125°   | 212  | 198    | 184  | 170    | 158  | 148    | 138  | 127    | 116  | 105    | 95   |
| 127.5° | 208  | 194    | 179  | 166    | 154  | 142    | 132  | 122    | 110  | 101    | 93   |
| 130°   | 205  | 190    | 176  | 162    | 150  | 138    | 127  | 117    | 107  | 99     | 91   |
| 132.5° | 203  | 188    | 172  | 157    | 145  | 133    | 122  | 113    | 104  | 96     | 88   |
| 135°   | 194  | 179    | 164  | 150    | 138  | 127    | 117  | 108    | 100  | 92     | 85   |
| 137.5° | 182  | 170    | 156  | 143    | 131  | 121    | 112  | 103    | 95   | 88     | 81   |
| 140°   | 170  | 159    | 147  | 135    | 124  | 114    | 106  | 97     | 90   | 83     | 77   |
| 142.5° | 157  | 147    | 137  | 127    | 116  | 107    | 99   | 91     | 84   | 78     | 72   |
| 145°   | 144  | 135    | 126  | 117    | 108  | 100    | 92   | 85     | 78   | 72     | 66   |
| 147.5° | 129  | 122    | 114  | 107    | 99   | 91     | 84   | 77     | 71   | 65     | 60   |
| 150°   | 114  | 108    | 101  | 95     | 89   | 82     | 75   | 69     | 63   | 58     | 53   |
| 152.5° | 98   | 93     | 87   | 82     | 76   | 71     | 66   | 60     | 57   | 53     | 51   |
| 155°   | 81   | 77     | 73   | 68     | 65   | 62     | 60   | 57     | 54   | 51     | 47   |
| 157.5° | 69   | 67     | 65   | 63     | 60   | 57     | 55   | 53     | 50   | 48     | 45   |
| 160°   | 62   | 60     | 59   | 57     | 55   | 53     | 50   | 48     | 46   | 44     | 42   |
| 162.5° | 55   | 53     | 52   | 51     | 49   | 47     | 45   | 44     | 42   | 40     | 38   |
| 165°   | 47   | 46     | 45   | 44     | 43   | 41     | 40   | 38     | 37   | 35     | 33   |
| 167.5° | 40   | 39     | 38   | 37     | 36   | 35     | 34   | 33     | 32   | 30     | 29   |
| 170°   | 33   | 32     | 31   | 31     | 30   | 29     | 28   | 27     | 26   | 25     | 24   |
| 172.5° | 26   | 25     | 25   | 24     | 23   | 22     | 22   | 21     | 20   | 19     | 18   |
| 175°   | 18   | 18     | 18   | 17     | 17   | 16     | 16   | 15     | 15   | 14     | 13   |
| 177.5° | 10   | 10     | 10   | 10     | 10   | 9      | 9    | 9      | 9    | 8      | 8    |
| 180°   | 2    | 2      | 2    | 2      | 2    | 2      | 2    | 2      | 2    | 2      | 2    |



TEST NUMBER: P232062

CATALOG NUMBER: FVS4WM-3-LD4-40-2HI-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

|        | 137.5° | 140° | 142.5° | 145° | 147.5° | 150° | 152.5° | 155° | 157.5° | 160° | 162.5° |
|--------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|
| 0°     | 2      | 2    | 2      | 2    | 2      | 2    | 2      | 2    | 2      | 2    | 2      |
| 2.5°   | 8      | 8    | 7      | 7    | 7      | 6    | 6      | 6    | 5      | 5    | 5      |
| 5°     | 13     | 12   | 12     | 11   | 10     | 10   | 9      | 8    | 7      | 7    | 6      |
| 7.5°   | 18     | 17   | 16     | 15   | 14     | 13   | 12     | 11   | 10     | 9    | 8      |
| 10°    | 23     | 22   | 20     | 19   | 18     | 17   | 16     | 14   | 13     | 12   | 10     |
| 12.5°  | 27     | 26   | 25     | 23   | 22     | 20   | 18     | 17   | 15     | 14   | 12     |
| 15°    | 32     | 30   | 28     | 26   | 25     | 23   | 21     | 19   | 17     | 16   | 14     |
| 17.5°  | 36     | 34   | 32     | 30   | 28     | 26   | 23     | 21   | 19     | 17   | 15     |
| 20°    | 39     | 37   | 35     | 32   | 30     | 27   | 25     | 23   | 21     | 19   | 16     |
| 22.5°  | 42     | 39   | 37     | 34   | 32     | 29   | 27     | 25   | 22     | 20   | 18     |
| 25°    | 45     | 42   | 39     | 37   | 34     | 31   | 29     | 26   | 24     | 21   | 19     |
| 27.5°  | 48     | 45   | 42     | 39   | 36     | 34   | 31     | 28   | 25     | 23   | 20     |
| 30°    | 50     | 47   | 44     | 41   | 39     | 36   | 33     | 30   | 28     | 25   | 22     |
| 32.5°  | 55     | 50   | 47     | 44   | 41     | 39   | 36     | 33   | 30     | 27   | 24     |
| 35°    | 61     | 56   | 51     | 47   | 45     | 42   | 39     | 36   | 33     | 30   | 26     |
| 37.5°  | 66     | 61   | 56     | 52   | 48     | 45   | 42     | 38   | 35     | 31   | 28     |
| 40°    | 71     | 66   | 61     | 56   | 52     | 48   | 44     | 41   | 37     | 33   | 29     |
| 42.5°  | 75     | 70   | 65     | 60   | 55     | 51   | 46     | 42   | 39     | 35   | 31     |
| 45°    | 79     | 73   | 67     | 62   | 57     | 52   | 48     | 45   | 41     | 36   | 32     |
| 47.5°  | 82     | 75   | 69     | 63   | 58     | 54   | 50     | 46   | 42     | 37   | 33     |
| 50°    | 84     | 77   | 70     | 65   | 59     | 54   | 50     | 46   | 42     | 38   | 33     |
| 52.5°  | 85     | 78   | 71     | 65   | 60     | 55   | 50     | 46   | 42     | 38   | 34     |
| 55°    | 86     | 78   | 71     | 65   | 59     | 54   | 50     | 45   | 41     | 38   | 34     |
| 57.5°  | 89     | 79   | 72     | 65   | 59     | 54   | 49     | 45   | 41     | 37   | 33     |
| 60°    | 92     | 82   | 73     | 64   | 59     | 54   | 49     | 44   | 40     | 36   | 32     |
| 62.5°  | 95     | 84   | 75     | 67   | 60     | 54   | 48     | 44   | 39     | 35   | 31     |
| 65°    | 97     | 87   | 77     | 69   | 61     | 54   | 48     | 44   | 39     | 34   | 30     |
| 67.5°  | 100    | 89   | 79     | 70   | 62     | 55   | 49     | 44   | 39     | 34   | 29     |
| 70°    | 103    | 91   | 81     | 72   | 63     | 56   | 50     | 44   | 39     | 34   | 28     |
| 72.5°  | 106    | 93   | 83     | 73   | 65     | 57   | 51     | 44   | 38     | 33   | 27     |
| 75°    | 108    | 96   | 85     | 75   | 66     | 59   | 51     | 44   | 38     | 31   | 25     |
| 77.5°  | 107    | 96   | 86     | 76   | 68     | 60   | 52     | 44   | 36     | 29   | 23     |
| 80°    | 107    | 97   | 86     | 77   | 68     | 60   | 52     | 43   | 35     | 26   | 20     |
| 82.5°  | 108    | 98   | 87     | 78   | 69     | 60   | 51     | 42   | 33     | 24   | 16     |
| 85°    | 109    | 99   | 89     | 80   | 69     | 60   | 51     | 41   | 32     | 23   | 14     |
| 87.5°  | 111    | 101  | 91     | 82   | 70     | 61   | 51     | 41   | 32     | 22   | 13     |
| 90°    | 114    | 104  | 94     | 85   | 72     | 62   | 52     | 42   | 33     | 23   | 14     |
| 92.5°  | 111    | 101  | 91     | 82   | 70     | 61   | 51     | 41   | 32     | 22   | 13     |
| 95°    | 109    | 99   | 89     | 80   | 69     | 60   | 51     | 41   | 32     | 23   | 14     |
| 97.5°  | 108    | 98   | 87     | 78   | 69     | 60   | 51     | 42   | 33     | 24   | 16     |
| 100°   | 107    | 97   | 86     | 77   | 68     | 60   | 52     | 43   | 35     | 26   | 20     |
| 102.5° | 107    | 96   | 86     | 76   | 68     | 60   | 52     | 44   | 36     | 29   | 23     |
| 105°   | 108    | 96   | 85     | 75   | 66     | 59   | 51     | 44   | 38     | 31   | 25     |
| 107.5° | 106    | 93   | 83     | 73   | 65     | 57   | 51     | 44   | 38     | 33   | 27     |
| 110°   | 103    | 91   | 81     | 72   | 63     | 56   | 50     | 44   | 39     | 34   | 28     |





TEST NUMBER: P232062

CATALOG NUMBER: FVS4WM-3-LD4-40-2HI-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° | 100    | 89   | 79     | 70   | 62     | 55   | 49     | 44   | 39     | 34   | 29     |
| 115°   | 97     | 87   | 77     | 69   | 61     | 54   | 48     | 44   | 39     | 34   | 30     |
| 117.5° | 95     | 84   | 75     | 67   | 60     | 54   | 48     | 44   | 39     | 35   | 31     |
| 120°   | 92     | 82   | 73     | 64   | 59     | 54   | 49     | 44   | 40     | 36   | 32     |
| 122.5° | 89     | 79   | 72     | 65   | 59     | 54   | 49     | 45   | 41     | 37   | 33     |
| 125°   | 86     | 78   | 71     | 65   | 59     | 54   | 50     | 45   | 41     | 38   | 34     |
| 127.5° | 85     | 78   | 71     | 65   | 60     | 55   | 50     | 46   | 42     | 38   | 34     |
| 130°   | 84     | 77   | 70     | 65   | 59     | 54   | 50     | 46   | 42     | 38   | 33     |
| 132.5° | 82     | 75   | 69     | 63   | 58     | 54   | 50     | 46   | 42     | 37   | 33     |
| 135°   | 79     | 73   | 67     | 62   | 57     | 52   | 48     | 45   | 41     | 36   | 32     |
| 137.5° | 75     | 70   | 65     | 60   | 55     | 51   | 46     | 42   | 39     | 35   | 31     |
| 140°   | 71     | 66   | 61     | 56   | 52     | 48   | 44     | 41   | 37     | 33   | 29     |
| 142.5° | 66     | 61   | 56     | 52   | 48     | 45   | 42     | 38   | 35     | 31   | 28     |
| 145°   | 61     | 56   | 51     | 47   | 45     | 42   | 39     | 36   | 33     | 30   | 26     |
| 147.5° | 55     | 50   | 47     | 44   | 41     | 39   | 36     | 33   | 30     | 27   | 24     |
| 150°   | 50     | 47   | 44     | 41   | 39     | 36   | 33     | 30   | 28     | 25   | 22     |
| 152.5° | 48     | 45   | 42     | 39   | 36     | 34   | 31     | 28   | 25     | 23   | 20     |
| 155°   | 45     | 42   | 39     | 37   | 34     | 31   | 29     | 26   | 24     | 21   | 19     |
| 157.5° | 42     | 39   | 37     | 34   | 32     | 29   | 27     | 25   | 22     | 20   | 18     |
| 160°   | 39     | 37   | 35     | 32   | 30     | 27   | 25     | 23   | 21     | 19   | 16     |
| 162.5° | 36     | 34   | 32     | 30   | 28     | 26   | 23     | 21   | 19     | 17   | 15     |
| 165°   | 32     | 30   | 28     | 26   | 25     | 23   | 21     | 19   | 17     | 16   | 14     |
| 167.5° | 27     | 26   | 25     | 23   | 22     | 20   | 18     | 17   | 15     | 14   | 12     |
| 170°   | 23     | 22   | 20     | 19   | 18     | 17   | 16     | 14   | 13     | 12   | 10     |
| 172.5° | 18     | 17   | 16     | 15   | 14     | 13   | 12     | 11   | 10     | 9    | 8      |
| 175°   | 13     | 12   | 12     | 11   | 10     | 10   | 9      | 8    | 7      | 7    | 6      |
| 177.5° | 8      | 8    | 7      | 7    | 7      | 6    | 6      | 6    | 5      | 5    | 5      |
| 180°   | 2      | 2    | 2      | 2    | 2      | 2    | 2      | 2    | 2      | 2    | 2      |



TEST NUMBER: P232062

CATALOG NUMBER: FVS4WM-3-LD4-40-2HI-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

|        | 165° | 167.5° | 170° | 172.5° | 175° | 177.5° | 180° | 182.5° | 185° | 187.5° | 190° |
|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|
| 0°     | 2    | 2      | 2    | 2      | 2    | 2      | 2    | 2      | 2    | 2      | 2    |
| 2.5°   | 4    | 4      | 3    | 3      | 3    | 2      | 2    | 2      | 3    | 3      | 3    |
| 5°     | 5    | 5      | 4    | 3      | 2    | 2      | 1    | 2      | 2    | 3      | 4    |
| 7.5°   | 7    | 6      | 5    | 4      | 3    | 2      | 1    | 2      | 3    | 4      | 5    |
| 10°    | 9    | 8      | 6    | 5      | 4    | 2      | 1    | 2      | 4    | 5      | 6    |
| 12.5°  | 11   | 9      | 7    | 6      | 4    | 3      | 1    | 3      | 4    | 6      | 7    |
| 15°    | 12   | 10     | 8    | 7      | 5    | 3      | 1    | 3      | 5    | 7      | 8    |
| 17.5°  | 13   | 11     | 9    | 7      | 5    | 3      | 1    | 3      | 5    | 7      | 9    |
| 20°    | 14   | 12     | 10   | 8      | 5    | 3      | 1    | 3      | 5    | 8      | 10   |
| 22.5°  | 15   | 13     | 10   | 8      | 6    | 3      | 1    | 3      | 6    | 8      | 10   |
| 25°    | 16   | 14     | 11   | 9      | 6    | 4      | 1    | 4      | 6    | 9      | 11   |
| 27.5°  | 18   | 15     | 12   | 9      | 7    | 4      | 1    | 4      | 7    | 9      | 12   |
| 30°    | 19   | 16     | 14   | 11     | 8    | 5      | 2    | 5      | 8    | 11     | 14   |
| 32.5°  | 21   | 18     | 15   | 12     | 8    | 5      | 2    | 5      | 8    | 12     | 15   |
| 35°    | 23   | 19     | 16   | 12     | 9    | 6      | 2    | 6      | 9    | 12     | 16   |
| 37.5°  | 24   | 20     | 17   | 13     | 9    | 6      | 2    | 6      | 9    | 13     | 17   |
| 40°    | 25   | 21     | 18   | 14     | 10   | 6      | 2    | 6      | 10   | 14     | 18   |
| 42.5°  | 27   | 22     | 18   | 14     | 10   | 6      | 2    | 6      | 10   | 14     | 18   |
| 45°    | 27   | 23     | 19   | 15     | 10   | 6      | 2    | 6      | 10   | 15     | 19   |
| 47.5°  | 28   | 24     | 19   | 15     | 11   | 6      | 2    | 6      | 11   | 15     | 19   |
| 50°    | 29   | 24     | 20   | 15     | 11   | 6      | 2    | 6      | 11   | 15     | 20   |
| 52.5°  | 29   | 24     | 20   | 15     | 11   | 6      | 2    | 6      | 11   | 15     | 20   |
| 55°    | 29   | 24     | 20   | 15     | 11   | 6      | 2    | 6      | 11   | 15     | 20   |
| 57.5°  | 29   | 24     | 20   | 15     | 11   | 7      | 3    | 7      | 11   | 15     | 20   |
| 60°    | 28   | 24     | 19   | 15     | 10   | 7      | 3    | 7      | 10   | 15     | 19   |
| 62.5°  | 26   | 22     | 18   | 14     | 10   | 6      | 3    | 6      | 10   | 14     | 18   |
| 65°    | 25   | 21     | 17   | 13     | 9    | 6      | 3    | 6      | 9    | 13     | 17   |
| 67.5°  | 24   | 20     | 16   | 12     | 9    | 6      | 3    | 6      | 9    | 12     | 16   |
| 70°    | 23   | 18     | 14   | 11     | 8    | 5      | 3    | 5      | 8    | 11     | 14   |
| 72.5°  | 22   | 17     | 14   | 10     | 7    | 5      | 3    | 5      | 7    | 10     | 14   |
| 75°    | 21   | 17     | 12   | 8      | 5    | 4      | 3    | 4      | 5    | 8      | 12   |
| 77.5°  | 19   | 15     | 10   | 6      | 2    | 0      | 0    | 0      | 2    | 6      | 10   |
| 80°    | 14   | 11     | 6    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 6    |
| 82.5°  | 10   | 6      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    |
| 85°    | 7    | 2      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    |
| 87.5°  | 6    | 1      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    |
| 90°    | 6    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    |
| 92.5°  | 6    | 1      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    |
| 95°    | 7    | 2      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    |
| 97.5°  | 10   | 6      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    |
| 100°   | 14   | 11     | 6    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 6    |
| 102.5° | 19   | 15     | 10   | 6      | 2    | 0      | 0    | 0      | 2    | 6      | 10   |
| 105°   | 21   | 17     | 12   | 8      | 5    | 4      | 3    | 4      | 5    | 8      | 12   |
| 107.5° | 22   | 17     | 14   | 10     | 7    | 5      | 3    | 5      | 7    | 10     | 14   |
| 110°   | 23   | 18     | 14   | 11     | 8    | 5      | 3    | 5      | 8    | 11     | 14   |



TEST NUMBER: P232062

CATALOG NUMBER: FVS4WM-3-LD4-40-2HI-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

|        | 165° | 167.5° | 170° | 172.5° | 175° | 177.5° | 180° | 182.5° | 185° | 187.5° | 190° |
|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|
| 112.5° | 24   | 20     | 16   | 12     | 9    | 6      | 3    | 6      | 9    | 12     | 16   |
| 115°   | 25   | 21     | 17   | 13     | 9    | 6      | 3    | 6      | 9    | 13     | 17   |
| 117.5° | 26   | 22     | 18   | 14     | 10   | 6      | 3    | 6      | 10   | 14     | 18   |
| 120°   | 28   | 24     | 19   | 15     | 10   | 7      | 3    | 7      | 10   | 15     | 19   |
| 122.5° | 29   | 24     | 20   | 15     | 11   | 7      | 3    | 7      | 11   | 15     | 20   |
| 125°   | 29   | 24     | 20   | 15     | 11   | 6      | 2    | 6      | 11   | 15     | 20   |
| 127.5° | 29   | 24     | 20   | 15     | 11   | 6      | 2    | 6      | 11   | 15     | 20   |
| 130°   | 29   | 24     | 20   | 15     | 11   | 6      | 2    | 6      | 11   | 15     | 20   |
| 132.5° | 28   | 24     | 19   | 15     | 11   | 6      | 2    | 6      | 11   | 15     | 19   |
| 135°   | 27   | 23     | 19   | 15     | 10   | 6      | 2    | 6      | 10   | 15     | 19   |
| 137.5° | 27   | 22     | 18   | 14     | 10   | 6      | 2    | 6      | 10   | 14     | 18   |
| 140°   | 25   | 21     | 18   | 14     | 10   | 6      | 2    | 6      | 10   | 14     | 18   |
| 142.5° | 24   | 20     | 17   | 13     | 9    | 6      | 2    | 6      | 9    | 13     | 17   |
| 145°   | 23   | 19     | 16   | 12     | 9    | 6      | 2    | 6      | 9    | 12     | 16   |
| 147.5° | 21   | 18     | 15   | 12     | 8    | 5      | 2    | 5      | 8    | 12     | 15   |
| 150°   | 19   | 16     | 14   | 11     | 8    | 5      | 2    | 5      | 8    | 11     | 14   |
| 152.5° | 18   | 15     | 12   | 9      | 7    | 4      | 1    | 4      | 7    | 9      | 12   |
| 155°   | 16   | 14     | 11   | 9      | 6    | 4      | 1    | 4      | 6    | 9      | 11   |
| 157.5° | 15   | 13     | 10   | 8      | 6    | 3      | 1    | 3      | 6    | 8      | 10   |
| 160°   | 14   | 12     | 10   | 8      | 5    | 3      | 1    | 3      | 5    | 8      | 10   |
| 162.5° | 13   | 11     | 9    | 7      | 5    | 3      | 1    | 3      | 5    | 7      | 9    |
| 165°   | 12   | 10     | 8    | 7      | 5    | 3      | 1    | 3      | 5    | 7      | 8    |
| 167.5° | 11   | 9      | 7    | 6      | 4    | 3      | 1    | 3      | 4    | 6      | 7    |
| 170°   | 9    | 8      | 6    | 5      | 4    | 2      | 1    | 2      | 4    | 5      | 6    |
| 172.5° | 7    | 6      | 5    | 4      | 3    | 2      | 1    | 2      | 3    | 4      | 5    |
| 175°   | 5    | 5      | 4    | 3      | 2    | 2      | 1    | 2      | 2    | 3      | 4    |
| 177.5° | 4    | 4      | 3    | 3      | 3    | 2      | 2    | 2      | 3    | 3      | 3    |
| 180°   | 2    | 2      | 2    | 2      | 2    | 2      | 2    | 2      | 2    | 2      | 2    |



TEST NUMBER: P232062

CATALOG NUMBER: FVS4WM-3-LD4-40-2HI-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

|        | 192.5° | 195° | 197.5° | 200° | 202.5° | 205° | 207.5° | 210° | 212.5° | 215° | 217.5° |
|--------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|
| 0°     | 2      | 2    | 2      | 2    | 2      | 2    | 2      | 2    | 2      | 2    | 2      |
| 2.5°   | 4      | 4    | 5      | 5    | 5      | 6    | 6      | 6    | 7      | 7    | 7      |
| 5°     | 5      | 5    | 6      | 7    | 7      | 8    | 9      | 10   | 10     | 11   | 12     |
| 7.5°   | 6      | 7    | 8      | 9    | 10     | 11   | 12     | 13   | 14     | 15   | 16     |
| 10°    | 8      | 9    | 10     | 12   | 13     | 14   | 16     | 17   | 18     | 19   | 20     |
| 12.5°  | 9      | 11   | 12     | 14   | 15     | 17   | 18     | 20   | 22     | 23   | 25     |
| 15°    | 10     | 12   | 14     | 16   | 17     | 19   | 21     | 23   | 25     | 26   | 28     |
| 17.5°  | 11     | 13   | 15     | 17   | 19     | 21   | 23     | 26   | 28     | 30   | 32     |
| 20°    | 12     | 14   | 16     | 19   | 21     | 23   | 25     | 27   | 30     | 32   | 35     |
| 22.5°  | 13     | 15   | 18     | 20   | 22     | 25   | 27     | 29   | 32     | 34   | 37     |
| 25°    | 14     | 16   | 19     | 21   | 24     | 26   | 29     | 31   | 34     | 37   | 39     |
| 27.5°  | 15     | 18   | 20     | 23   | 25     | 28   | 31     | 34   | 36     | 39   | 42     |
| 30°    | 16     | 19   | 22     | 25   | 28     | 30   | 33     | 36   | 39     | 41   | 44     |
| 32.5°  | 18     | 21   | 24     | 27   | 30     | 33   | 36     | 39   | 41     | 44   | 47     |
| 35°    | 19     | 23   | 26     | 30   | 33     | 36   | 39     | 42   | 45     | 47   | 51     |
| 37.5°  | 20     | 24   | 28     | 31   | 35     | 38   | 42     | 45   | 48     | 52   | 56     |
| 40°    | 21     | 25   | 29     | 33   | 37     | 41   | 44     | 48   | 52     | 56   | 61     |
| 42.5°  | 22     | 27   | 31     | 35   | 39     | 42   | 46     | 51   | 55     | 60   | 65     |
| 45°    | 23     | 27   | 32     | 36   | 41     | 45   | 48     | 52   | 57     | 62   | 67     |
| 47.5°  | 24     | 28   | 33     | 37   | 42     | 46   | 50     | 54   | 58     | 63   | 69     |
| 50°    | 24     | 29   | 33     | 38   | 42     | 46   | 50     | 54   | 59     | 65   | 70     |
| 52.5°  | 24     | 29   | 34     | 38   | 42     | 46   | 50     | 55   | 60     | 65   | 71     |
| 55°    | 24     | 29   | 34     | 38   | 41     | 45   | 50     | 54   | 59     | 65   | 71     |
| 57.5°  | 24     | 29   | 33     | 37   | 41     | 45   | 49     | 54   | 59     | 65   | 72     |
| 60°    | 24     | 28   | 32     | 36   | 40     | 44   | 49     | 54   | 59     | 64   | 73     |
| 62.5°  | 22     | 26   | 31     | 35   | 39     | 44   | 48     | 54   | 60     | 67   | 75     |
| 65°    | 21     | 25   | 30     | 34   | 39     | 44   | 48     | 54   | 61     | 69   | 77     |
| 67.5°  | 20     | 24   | 29     | 34   | 39     | 44   | 49     | 55   | 62     | 70   | 79     |
| 70°    | 18     | 23   | 28     | 34   | 39     | 44   | 50     | 56   | 63     | 72   | 81     |
| 72.5°  | 17     | 22   | 27     | 33   | 38     | 44   | 51     | 57   | 65     | 73   | 83     |
| 75°    | 17     | 21   | 25     | 31   | 38     | 44   | 51     | 59   | 66     | 75   | 85     |
| 77.5°  | 15     | 19   | 23     | 29   | 36     | 44   | 52     | 60   | 68     | 76   | 86     |
| 80°    | 11     | 14   | 20     | 26   | 35     | 43   | 52     | 60   | 68     | 77   | 86     |
| 82.5°  | 6      | 10   | 16     | 24   | 33     | 42   | 51     | 60   | 69     | 78   | 87     |
| 85°    | 2      | 7    | 14     | 23   | 32     | 41   | 51     | 60   | 69     | 80   | 89     |
| 87.5°  | 1      | 6    | 13     | 22   | 32     | 41   | 51     | 61   | 70     | 82   | 91     |
| 90°    | 0      | 6    | 14     | 23   | 33     | 42   | 52     | 62   | 72     | 85   | 94     |
| 92.5°  | 1      | 6    | 13     | 22   | 32     | 41   | 51     | 61   | 70     | 82   | 91     |
| 95°    | 2      | 7    | 14     | 23   | 32     | 41   | 51     | 60   | 69     | 80   | 89     |
| 97.5°  | 6      | 10   | 16     | 24   | 33     | 42   | 51     | 60   | 69     | 78   | 87     |
| 100°   | 11     | 14   | 20     | 26   | 35     | 43   | 52     | 60   | 68     | 77   | 86     |
| 102.5° | 15     | 19   | 23     | 29   | 36     | 44   | 52     | 60   | 68     | 76   | 86     |
| 105°   | 17     | 21   | 25     | 31   | 38     | 44   | 51     | 59   | 66     | 75   | 85     |
| 107.5° | 17     | 22   | 27     | 33   | 38     | 44   | 51     | 57   | 65     | 73   | 83     |
| 110°   | 18     | 23   | 28     | 34   | 39     | 44   | 50     | 56   | 63     | 72   | 81     |



TEST NUMBER: P232062

CATALOG NUMBER: FVS4WM-3-LD4-40-2HI-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° | 20     | 24   | 29     | 34   | 39     | 44   | 49     | 55   | 62     | 70   | 79     |
| 115°   | 21     | 25   | 30     | 34   | 39     | 44   | 48     | 54   | 61     | 69   | 77     |
| 117.5° | 22     | 26   | 31     | 35   | 39     | 44   | 48     | 54   | 60     | 67   | 75     |
| 120°   | 24     | 28   | 32     | 36   | 40     | 44   | 49     | 54   | 59     | 64   | 73     |
| 122.5° | 24     | 29   | 33     | 37   | 41     | 45   | 49     | 54   | 59     | 65   | 72     |
| 125°   | 24     | 29   | 34     | 38   | 41     | 45   | 50     | 54   | 59     | 65   | 71     |
| 127.5° | 24     | 29   | 34     | 38   | 42     | 46   | 50     | 55   | 60     | 65   | 71     |
| 130°   | 24     | 29   | 33     | 38   | 42     | 46   | 50     | 54   | 59     | 65   | 70     |
| 132.5° | 24     | 28   | 33     | 37   | 42     | 46   | 50     | 54   | 58     | 63   | 69     |
| 135°   | 23     | 27   | 32     | 36   | 41     | 45   | 48     | 52   | 57     | 62   | 67     |
| 137.5° | 22     | 27   | 31     | 35   | 39     | 42   | 46     | 51   | 55     | 60   | 65     |
| 140°   | 21     | 25   | 29     | 33   | 37     | 41   | 44     | 48   | 52     | 56   | 61     |
| 142.5° | 20     | 24   | 28     | 31   | 35     | 38   | 42     | 45   | 48     | 52   | 56     |
| 145°   | 19     | 23   | 26     | 30   | 33     | 36   | 39     | 42   | 45     | 47   | 51     |
| 147.5° | 18     | 21   | 24     | 27   | 30     | 33   | 36     | 39   | 41     | 44   | 47     |
| 150°   | 16     | 19   | 22     | 25   | 28     | 30   | 33     | 36   | 39     | 41   | 44     |
| 152.5° | 15     | 18   | 20     | 23   | 25     | 28   | 31     | 34   | 36     | 39   | 42     |
| 155°   | 14     | 16   | 19     | 21   | 24     | 26   | 29     | 31   | 34     | 37   | 39     |
| 157.5° | 13     | 15   | 18     | 20   | 22     | 25   | 27     | 29   | 32     | 34   | 37     |
| 160°   | 12     | 14   | 16     | 19   | 21     | 23   | 25     | 27   | 30     | 32   | 35     |
| 162.5° | 11     | 13   | 15     | 17   | 19     | 21   | 23     | 26   | 28     | 30   | 32     |
| 165°   | 10     | 12   | 14     | 16   | 17     | 19   | 21     | 23   | 25     | 26   | 28     |
| 167.5° | 9      | 11   | 12     | 14   | 15     | 17   | 18     | 20   | 22     | 23   | 25     |
| 170°   | 8      | 9    | 10     | 12   | 13     | 14   | 16     | 17   | 18     | 19   | 20     |
| 172.5° | 6      | 7    | 8      | 9    | 10     | 11   | 12     | 13   | 14     | 15   | 16     |
| 175°   | 5      | 5    | 6      | 7    | 7      | 8    | 9      | 10   | 10     | 11   | 12     |
| 177.5° | 4      | 4    | 5      | 5    | 5      | 6    | 6      | 6    | 7      | 7    | 7      |
| 180°   | 2      | 2    | 2      | 2    | 2      | 2    | 2      | 2    | 2      | 2    | 2      |



TEST NUMBER: P232062

CATALOG NUMBER: FVS4WM-3-LD4-40-2HI-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

|        | 220° | 222.5° | 225° | 227.5° | 230° | 232.5° | 235° | 237.5° | 240° | 242.5° | 245° |
|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|
| 0°     | 2    | 2      | 2    | 2      | 2    | 2      | 2    | 2      | 2    | 2      | 2    |
| 2.5°   | 8    | 8      | 8    | 8      | 9    | 9      | 9    | 9      | 10   | 10     | 10   |
| 5°     | 12   | 13     | 13   | 14     | 15   | 15     | 16   | 16     | 17   | 17     | 18   |
| 7.5°   | 17   | 18     | 18   | 19     | 20   | 21     | 22   | 22     | 23   | 24     | 25   |
| 10°    | 22   | 23     | 24   | 25     | 26   | 27     | 28   | 29     | 30   | 31     | 31   |
| 12.5°  | 26   | 27     | 29   | 30     | 32   | 33     | 34   | 35     | 36   | 37     | 38   |
| 15°    | 30   | 32     | 33   | 35     | 37   | 38     | 40   | 41     | 43   | 44     | 45   |
| 17.5°  | 34   | 36     | 38   | 40     | 42   | 44     | 45   | 47     | 49   | 51     | 52   |
| 20°    | 37   | 39     | 42   | 44     | 46   | 48     | 50   | 53     | 55   | 57     | 59   |
| 22.5°  | 39   | 42     | 45   | 48     | 50   | 53     | 55   | 57     | 60   | 63     | 65   |
| 25°    | 42   | 45     | 47   | 51     | 54   | 57     | 60   | 62     | 65   | 68     | 73   |
| 27.5°  | 45   | 48     | 51   | 53     | 57   | 60     | 66   | 71     | 76   | 82     | 87   |
| 30°    | 47   | 50     | 53   | 58     | 63   | 69     | 75   | 82     | 89   | 95     | 101  |
| 32.5°  | 50   | 55     | 60   | 65     | 71   | 77     | 84   | 91     | 99   | 107    | 114  |
| 35°    | 56   | 61     | 66   | 72     | 78   | 85     | 92   | 100    | 108  | 117    | 126  |
| 37.5°  | 61   | 66     | 72   | 78     | 84   | 91     | 99   | 107    | 116  | 127    | 137  |
| 40°    | 66   | 71     | 77   | 83     | 90   | 97     | 106  | 114    | 124  | 135    | 147  |
| 42.5°  | 70   | 75     | 81   | 88     | 95   | 103    | 112  | 121    | 131  | 143    | 156  |
| 45°    | 73   | 79     | 85   | 92     | 100  | 108    | 117  | 127    | 138  | 150    | 164  |
| 47.5°  | 75   | 82     | 88   | 96     | 104  | 113    | 122  | 133    | 145  | 157    | 172  |
| 50°    | 77   | 84     | 91   | 99     | 107  | 117    | 127  | 138    | 150  | 162    | 176  |
| 52.5°  | 78   | 85     | 93   | 101    | 110  | 122    | 132  | 142    | 154  | 166    | 179  |
| 55°    | 78   | 86     | 95   | 105    | 116  | 127    | 138  | 148    | 158  | 170    | 184  |
| 57.5°  | 79   | 89     | 99   | 110    | 122  | 134    | 145  | 154    | 163  | 175    | 188  |
| 60°    | 82   | 92     | 102  | 114    | 127  | 140    | 153  | 162    | 170  | 181    | 194  |
| 62.5°  | 84   | 95     | 106  | 118    | 131  | 146    | 160  | 170    | 177  | 186    | 199  |
| 65°    | 87   | 97     | 109  | 122    | 136  | 152    | 167  | 178    | 185  | 193    | 205  |
| 67.5°  | 89   | 100    | 112  | 126    | 140  | 157    | 174  | 188    | 194  | 200    | 211  |
| 70°    | 91   | 103    | 116  | 130    | 145  | 162    | 181  | 197    | 203  | 208    | 216  |
| 72.5°  | 93   | 106    | 119  | 134    | 149  | 165    | 183  | 197    | 204  | 209    | 216  |
| 75°    | 96   | 108    | 120  | 133    | 148  | 165    | 181  | 195    | 204  | 209    | 217  |
| 77.5°  | 96   | 107    | 119  | 132    | 148  | 165    | 181  | 194    | 203  | 209    | 217  |
| 80°    | 97   | 107    | 118  | 131    | 147  | 165    | 181  | 193    | 202  | 210    | 218  |
| 82.5°  | 98   | 108    | 118  | 131    | 147  | 166    | 183  | 192    | 202  | 210    | 219  |
| 85°    | 99   | 109    | 119  | 131    | 147  | 167    | 185  | 193    | 201  | 210    | 221  |
| 87.5°  | 101  | 111    | 120  | 132    | 148  | 169    | 188  | 193    | 200  | 210    | 222  |
| 90°    | 104  | 114    | 122  | 133    | 150  | 172    | 191  | 194    | 200  | 211    | 224  |
| 92.5°  | 101  | 111    | 120  | 132    | 148  | 169    | 188  | 193    | 200  | 210    | 222  |
| 95°    | 99   | 109    | 119  | 131    | 147  | 167    | 185  | 193    | 201  | 210    | 221  |
| 97.5°  | 98   | 108    | 118  | 131    | 147  | 166    | 183  | 192    | 202  | 210    | 219  |
| 100°   | 97   | 107    | 118  | 131    | 147  | 165    | 181  | 193    | 202  | 210    | 218  |
| 102.5° | 96   | 107    | 119  | 132    | 148  | 165    | 181  | 194    | 203  | 209    | 217  |
| 105°   | 96   | 108    | 120  | 133    | 148  | 165    | 181  | 195    | 204  | 209    | 217  |
| 107.5° | 93   | 106    | 119  | 134    | 149  | 165    | 183  | 197    | 204  | 209    | 216  |
| 110°   | 91   | 103    | 116  | 130    | 145  | 162    | 181  | 197    | 203  | 208    | 216  |



TEST NUMBER: P232062

CATALOG NUMBER: FVS4WM-3-LD4-40-2HI-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

|        | 220° | 222.5° | 225° | 227.5° | 230° | 232.5° | 235° | 237.5° | 240° | 242.5° | 245° |
|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|
| 112.5° | 89   | 100    | 112  | 126    | 140  | 157    | 174  | 188    | 194  | 200    | 211  |
| 115°   | 87   | 97     | 109  | 122    | 136  | 152    | 167  | 178    | 185  | 193    | 205  |
| 117.5° | 84   | 95     | 106  | 118    | 131  | 146    | 160  | 170    | 177  | 186    | 199  |
| 120°   | 82   | 92     | 102  | 114    | 127  | 140    | 153  | 162    | 170  | 181    | 194  |
| 122.5° | 79   | 89     | 99   | 110    | 122  | 134    | 145  | 154    | 163  | 175    | 188  |
| 125°   | 78   | 86     | 95   | 105    | 116  | 127    | 138  | 148    | 158  | 170    | 184  |
| 127.5° | 78   | 85     | 93   | 101    | 110  | 122    | 132  | 142    | 154  | 166    | 179  |
| 130°   | 77   | 84     | 91   | 99     | 107  | 117    | 127  | 138    | 150  | 162    | 176  |
| 132.5° | 75   | 82     | 88   | 96     | 104  | 113    | 122  | 133    | 145  | 157    | 172  |
| 135°   | 73   | 79     | 85   | 92     | 100  | 108    | 117  | 127    | 138  | 150    | 164  |
| 137.5° | 70   | 75     | 81   | 88     | 95   | 103    | 112  | 121    | 131  | 143    | 156  |
| 140°   | 66   | 71     | 77   | 83     | 90   | 97     | 106  | 114    | 124  | 135    | 147  |
| 142.5° | 61   | 66     | 72   | 78     | 84   | 91     | 99   | 107    | 116  | 127    | 137  |
| 145°   | 56   | 61     | 66   | 72     | 78   | 85     | 92   | 100    | 108  | 117    | 126  |
| 147.5° | 50   | 55     | 60   | 65     | 71   | 77     | 84   | 91     | 99   | 107    | 114  |
| 150°   | 47   | 50     | 53   | 58     | 63   | 69     | 75   | 82     | 89   | 95     | 101  |
| 152.5° | 45   | 48     | 51   | 53     | 57   | 60     | 66   | 71     | 76   | 82     | 87   |
| 155°   | 42   | 45     | 47   | 51     | 54   | 57     | 60   | 62     | 65   | 68     | 73   |
| 157.5° | 39   | 42     | 45   | 48     | 50   | 53     | 55   | 57     | 60   | 63     | 65   |
| 160°   | 37   | 39     | 42   | 44     | 46   | 48     | 50   | 53     | 55   | 57     | 59   |
| 162.5° | 34   | 36     | 38   | 40     | 42   | 44     | 45   | 47     | 49   | 51     | 52   |
| 165°   | 30   | 32     | 33   | 35     | 37   | 38     | 40   | 41     | 43   | 44     | 45   |
| 167.5° | 26   | 27     | 29   | 30     | 32   | 33     | 34   | 35     | 36   | 37     | 38   |
| 170°   | 22   | 23     | 24   | 25     | 26   | 27     | 28   | 29     | 30   | 31     | 31   |
| 172.5° | 17   | 18     | 18   | 19     | 20   | 21     | 22   | 22     | 23   | 24     | 25   |
| 175°   | 12   | 13     | 13   | 14     | 15   | 15     | 16   | 16     | 17   | 17     | 18   |
| 177.5° | 8    | 8      | 8    | 8      | 9    | 9      | 9    | 9      | 10   | 10     | 10   |
| 180°   | 2    | 2      | 2    | 2      | 2    | 2      | 2    | 2      | 2    | 2      | 2    |



TEST NUMBER: P232062

CATALOG NUMBER: FVS4WM-3-LD4-40-2HI-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250° | 252.5° | 255° | 257.5° | 260° | 262.5° | 265° | 267.5° | 270° | 272.5° |
|--------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|
| 0°     | 2      | 2    | 2      | 2    | 2      | 2    | 2      | 2    | 2      | 2    | 2      |
| 2.5°   | 10     | 10   | 11     | 11   | 11     | 11   | 11     | 11   | 11     | 11   | 12     |
| 5°     | 18     | 18   | 19     | 19   | 19     | 20   | 20     | 20   | 20     | 21   | 23     |
| 7.5°   | 25     | 26   | 26     | 27   | 28     | 28   | 29     | 29   | 30     | 30   | 33     |
| 10°    | 32     | 33   | 34     | 35   | 35     | 36   | 37     | 38   | 39     | 39   | 44     |
| 12.5°  | 39     | 40   | 41     | 42   | 43     | 44   | 45     | 47   | 48     | 49   | 54     |
| 15°    | 46     | 47   | 49     | 50   | 51     | 52   | 53     | 55   | 57     | 58   | 65     |
| 17.5°  | 53     | 55   | 56     | 57   | 59     | 60   | 61     | 63   | 65     | 67   | 75     |
| 20°    | 60     | 62   | 63     | 65   | 66     | 68   | 69     | 72   | 74     | 77   | 85     |
| 22.5°  | 67     | 69   | 71     | 72   | 74     | 75   | 77     | 80   | 83     | 86   | 95     |
| 25°    | 77     | 81   | 85     | 89   | 92     | 95   | 99     | 103  | 107    | 112  | 123    |
| 27.5°  | 93     | 98   | 103    | 108  | 112    | 117  | 121    | 126  | 132    | 138  | 150    |
| 30°    | 108    | 114  | 120    | 126  | 132    | 137  | 143    | 148  | 156    | 164  | 177    |
| 32.5°  | 122    | 129  | 137    | 143  | 150    | 158  | 165    | 171  | 180    | 190  | 204    |
| 35°    | 135    | 144  | 153    | 161  | 169    | 177  | 186    | 194  | 205    | 215  | 231    |
| 37.5°  | 147    | 157  | 168    | 177  | 186    | 197  | 207    | 217  | 228    | 241  | 259    |
| 40°    | 159    | 170  | 182    | 193  | 204    | 215  | 227    | 239  | 252    | 267  | 286    |
| 42.5°  | 170    | 182  | 195    | 209  | 221    | 233  | 248    | 261  | 276    | 293  | 313    |
| 45°    | 179    | 194  | 209    | 224  | 237    | 251  | 267    | 283  | 300    | 319  | 341    |
| 47.5°  | 188    | 203  | 216    | 230  | 244    | 257  | 275    | 292  | 311    | 332  | 356    |
| 50°    | 190    | 205  | 219    | 232  | 246    | 261  | 280    | 300  | 321    | 346  | 372    |
| 52.5°  | 194    | 208  | 221    | 235  | 249    | 265  | 286    | 308  | 332    | 359  | 387    |
| 55°    | 198    | 212  | 225    | 237  | 251    | 269  | 291    | 316  | 343    | 372  | 403    |
| 57.5°  | 203    | 216  | 229    | 241  | 254    | 272  | 296    | 324  | 353    | 386  | 418    |
| 60°    | 208    | 222  | 234    | 245  | 257    | 275  | 301    | 332  | 364    | 399  | 434    |
| 62.5°  | 213    | 228  | 238    | 249  | 261    | 279  | 306    | 339  | 374    | 412  | 449    |
| 65°    | 219    | 233  | 244    | 253  | 265    | 282  | 310    | 346  | 385    | 426  | 465    |
| 67.5°  | 225    | 240  | 250    | 258  | 269    | 285  | 315    | 354  | 395    | 439  | 480    |
| 70°    | 229    | 242  | 251    | 258  | 267    | 283  | 312    | 350  | 394    | 438  | 484    |
| 72.5°  | 228    | 239  | 248    | 254  | 264    | 280  | 308    | 347  | 392    | 437  | 488    |
| 75°    | 227    | 237  | 246    | 251  | 262    | 278  | 305    | 344  | 390    | 436  | 493    |
| 77.5°  | 227    | 236  | 243    | 248  | 259    | 276  | 302    | 341  | 388    | 435  | 496    |
| 80°    | 228    | 235  | 241    | 245  | 256    | 274  | 300    | 338  | 386    | 435  | 500    |
| 82.5°  | 229    | 234  | 239    | 242  | 253    | 272  | 297    | 335  | 384    | 434  | 503    |
| 85°    | 230    | 234  | 238    | 239  | 251    | 270  | 295    | 333  | 383    | 433  | 506    |
| 87.5°  | 231    | 233  | 236    | 236  | 248    | 269  | 293    | 330  | 381    | 432  | 509    |
| 90°    | 233    | 233  | 234    | 233  | 246    | 268  | 291    | 328  | 380    | 431  | 512    |
| 92.5°  | 231    | 233  | 236    | 236  | 248    | 269  | 293    | 330  | 381    | 432  | 509    |
| 95°    | 230    | 234  | 238    | 239  | 251    | 270  | 295    | 333  | 383    | 433  | 506    |
| 97.5°  | 229    | 234  | 239    | 242  | 253    | 272  | 297    | 335  | 384    | 434  | 503    |
| 100°   | 228    | 235  | 241    | 245  | 256    | 274  | 300    | 338  | 386    | 435  | 500    |
| 102.5° | 227    | 236  | 243    | 248  | 259    | 276  | 302    | 341  | 388    | 435  | 496    |
| 105°   | 227    | 237  | 246    | 251  | 262    | 278  | 305    | 344  | 390    | 436  | 493    |
| 107.5° | 228    | 239  | 248    | 254  | 264    | 280  | 308    | 347  | 392    | 437  | 488    |
| 110°   | 229    | 242  | 251    | 258  | 267    | 283  | 312    | 350  | 394    | 438  | 484    |





TEST NUMBER: P232062

CATALOG NUMBER: FVS4WM-3-LD4-40-2HI-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° | 225    | 240  | 250    | 258  | 269    | 285  | 315    | 354  | 395    | 439  | 480    |
| 115°   | 219    | 233  | 244    | 253  | 265    | 282  | 310    | 346  | 385    | 426  | 465    |
| 117.5° | 213    | 228  | 238    | 249  | 261    | 279  | 306    | 339  | 374    | 412  | 449    |
| 120°   | 208    | 222  | 234    | 245  | 257    | 275  | 301    | 332  | 364    | 399  | 434    |
| 122.5° | 203    | 216  | 229    | 241  | 254    | 272  | 296    | 324  | 353    | 386  | 418    |
| 125°   | 198    | 212  | 225    | 237  | 251    | 269  | 291    | 316  | 343    | 372  | 403    |
| 127.5° | 194    | 208  | 221    | 235  | 249    | 265  | 286    | 308  | 332    | 359  | 387    |
| 130°   | 190    | 205  | 219    | 232  | 246    | 261  | 280    | 300  | 321    | 346  | 372    |
| 132.5° | 188    | 203  | 216    | 230  | 244    | 257  | 275    | 292  | 311    | 332  | 356    |
| 135°   | 179    | 194  | 209    | 224  | 237    | 251  | 267    | 283  | 300    | 319  | 341    |
| 137.5° | 170    | 182  | 195    | 209  | 221    | 233  | 248    | 261  | 276    | 293  | 313    |
| 140°   | 159    | 170  | 182    | 193  | 204    | 215  | 227    | 239  | 252    | 267  | 286    |
| 142.5° | 147    | 157  | 168    | 177  | 186    | 197  | 207    | 217  | 228    | 241  | 259    |
| 145°   | 135    | 144  | 153    | 161  | 169    | 177  | 186    | 194  | 205    | 215  | 231    |
| 147.5° | 122    | 129  | 137    | 143  | 150    | 158  | 165    | 171  | 180    | 190  | 204    |
| 150°   | 108    | 114  | 120    | 126  | 132    | 137  | 143    | 148  | 156    | 164  | 177    |
| 152.5° | 93     | 98   | 103    | 108  | 112    | 117  | 121    | 126  | 132    | 138  | 150    |
| 155°   | 77     | 81   | 85     | 89   | 92     | 95   | 99     | 103  | 107    | 112  | 123    |
| 157.5° | 67     | 69   | 71     | 72   | 74     | 75   | 77     | 80   | 83     | 86   | 95     |
| 160°   | 60     | 62   | 63     | 65   | 66     | 68   | 69     | 72   | 74     | 77   | 85     |
| 162.5° | 53     | 55   | 56     | 57   | 59     | 60   | 61     | 63   | 65     | 67   | 75     |
| 165°   | 46     | 47   | 49     | 50   | 51     | 52   | 53     | 55   | 57     | 58   | 65     |
| 167.5° | 39     | 40   | 41     | 42   | 43     | 44   | 45     | 47   | 48     | 49   | 54     |
| 170°   | 32     | 33   | 34     | 35   | 35     | 36   | 37     | 38   | 39     | 39   | 44     |
| 172.5° | 25     | 26   | 26     | 27   | 28     | 28   | 29     | 29   | 30     | 30   | 33     |
| 175°   | 18     | 18   | 19     | 19   | 19     | 20   | 20     | 20   | 20     | 21   | 23     |
| 177.5° | 10     | 10   | 11     | 11   | 11     | 11   | 11     | 11   | 11     | 11   | 12     |
| 180°   | 2      | 2    | 2      | 2    | 2      | 2    | 2      | 2    | 2      | 2    | 2      |



TEST NUMBER: P232062

CATALOG NUMBER: FVS4WM-3-LD4-40-2HI-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

|        | 275° | 277.5° | 280° | 282.5° | 285° | 287.5° | 290° | 292.5° | 295° | 297.5° | 300° |
|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|
| 0°     | 2    | 2      | 2    | 2      | 2    | 2      | 2    | 2      | 2    | 2      | 2    |
| 2.5°   | 14   | 15     | 16   | 17     | 18   | 19     | 20   | 21     | 22   | 23     | 23   |
| 5°     | 25   | 27     | 30   | 32     | 34   | 36     | 38   | 40     | 41   | 43     | 45   |
| 7.5°   | 37   | 40     | 43   | 46     | 49   | 52     | 55   | 59     | 62   | 66     | 69   |
| 10°    | 48   | 53     | 57   | 61     | 65   | 70     | 75   | 80     | 84   | 89     | 93   |
| 12.5°  | 60   | 65     | 70   | 76     | 82   | 89     | 95   | 100    | 106  | 111    | 116  |
| 15°    | 71   | 77     | 84   | 92     | 99   | 107    | 114  | 121    | 127  | 134    | 141  |
| 17.5°  | 82   | 90     | 98   | 107    | 116  | 125    | 133  | 141    | 149  | 156    | 162  |
| 20°    | 94   | 102    | 112  | 123    | 133  | 143    | 153  | 162    | 170  | 178    | 185  |
| 22.5°  | 105  | 115    | 127  | 138    | 150  | 161    | 172  | 182    | 192  | 200    | 206  |
| 25°    | 133  | 144    | 156  | 167    | 178  | 189    | 198  | 207    | 214  | 220    | 227  |
| 27.5°  | 161  | 174    | 186  | 198    | 210  | 220    | 230  | 238    | 244  | 250    | 251  |
| 30°    | 190  | 203    | 217  | 229    | 242  | 251    | 260  | 267    | 273  | 275    | 275  |
| 32.5°  | 218  | 233    | 247  | 259    | 270  | 280    | 288  | 295    | 299  | 299    | 300  |
| 35°    | 247  | 262    | 276  | 289    | 299  | 309    | 315  | 321    | 323  | 324    | 325  |
| 37.5°  | 275  | 291    | 305  | 317    | 326  | 335    | 342  | 346    | 348  | 348    | 350  |
| 40°    | 304  | 320    | 333  | 344    | 353  | 361    | 367  | 370    | 371  | 373    | 376  |
| 42.5°  | 332  | 349    | 361  | 371    | 379  | 386    | 391  | 394    | 396  | 398    | 401  |
| 45°    | 360  | 377    | 388  | 397    | 404  | 411    | 415  | 418    | 420  | 423    | 427  |
| 47.5°  | 379  | 398    | 414  | 426    | 436  | 443    | 445  | 444    | 444  | 447    | 452  |
| 50°    | 397  | 421    | 441  | 457    | 473  | 486    | 494  | 499    | 500  | 497    | 491  |
| 52.5°  | 416  | 443    | 469  | 490    | 514  | 533    | 547  | 558    | 565  | 563    | 560  |
| 55°    | 435  | 467    | 498  | 525    | 556  | 582    | 603  | 621    | 633  | 631    | 625  |
| 57.5°  | 454  | 491    | 528  | 562    | 601  | 634    | 662  | 687    | 699  | 697    | 689  |
| 60°    | 473  | 516    | 558  | 601    | 647  | 688    | 723  | 756    | 767  | 761    | 750  |
| 62.5°  | 493  | 542    | 590  | 641    | 695  | 743    | 787  | 828    | 834  | 823    | 808  |
| 65°    | 512  | 568    | 622  | 682    | 744  | 801    | 853  | 897    | 902  | 883    | 862  |
| 67.5°  | 532  | 594    | 654  | 724    | 795  | 860    | 921  | 964    | 964  | 941    | 914  |
| 70°    | 536  | 600    | 662  | 736    | 812  | 887    | 961  | 1010   | 1016 | 994    | 965  |
| 72.5°  | 540  | 604    | 665  | 740    | 816  | 894    | 972  | 1022   | 1036 | 1022   | 999  |
| 75°    | 544  | 607    | 667  | 743    | 819  | 900    | 982  | 1037   | 1061 | 1051   | 1031 |
| 77.5°  | 548  | 610    | 669  | 745    | 822  | 906    | 992  | 1053   | 1089 | 1081   | 1065 |
| 80°    | 553  | 613    | 670  | 746    | 823  | 911    | 1001 | 1071   | 1120 | 1113   | 1099 |
| 82.5°  | 555  | 617    | 673  | 746    | 823  | 915    | 1009 | 1089   | 1152 | 1145   | 1134 |
| 85°    | 557  | 617    | 672  | 747    | 824  | 920    | 1019 | 1110   | 1186 | 1179   | 1169 |
| 87.5°  | 560  | 618    | 671  | 745    | 821  | 920    | 1022 | 1125   | 1219 | 1213   | 1205 |
| 90°    | 562  | 619    | 670  | 742    | 818  | 920    | 1025 | 1140   | 1250 | 1247   | 1241 |
| 92.5°  | 560  | 618    | 671  | 745    | 821  | 920    | 1022 | 1125   | 1219 | 1213   | 1205 |
| 95°    | 557  | 617    | 672  | 747    | 824  | 920    | 1019 | 1110   | 1186 | 1179   | 1169 |
| 97.5°  | 555  | 617    | 673  | 746    | 823  | 915    | 1009 | 1089   | 1152 | 1145   | 1134 |
| 100°   | 553  | 613    | 670  | 746    | 823  | 911    | 1001 | 1071   | 1120 | 1113   | 1099 |
| 102.5° | 548  | 610    | 669  | 745    | 822  | 906    | 992  | 1053   | 1089 | 1081   | 1065 |
| 105°   | 544  | 607    | 667  | 743    | 819  | 900    | 982  | 1037   | 1061 | 1051   | 1031 |
| 107.5° | 540  | 604    | 665  | 740    | 816  | 894    | 972  | 1022   | 1036 | 1022   | 999  |
| 110°   | 536  | 600    | 662  | 736    | 812  | 887    | 961  | 1010   | 1016 | 994    | 965  |



TEST NUMBER: P232062

CATALOG NUMBER: FVS4WM-3-LD4-40-2HI-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

|        | 275° | 277.5° | 280° | 282.5° | 285° | 287.5° | 290° | 292.5° | 295° | 297.5° | 300° |
|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|
| 112.5° | 532  | 594    | 654  | 724    | 795  | 860    | 921  | 964    | 964  | 941    | 914  |
| 115°   | 512  | 568    | 622  | 682    | 744  | 801    | 853  | 897    | 902  | 883    | 862  |
| 117.5° | 493  | 542    | 590  | 641    | 695  | 743    | 787  | 828    | 834  | 823    | 808  |
| 120°   | 473  | 516    | 558  | 601    | 647  | 688    | 723  | 756    | 767  | 761    | 750  |
| 122.5° | 454  | 491    | 528  | 562    | 601  | 634    | 662  | 687    | 699  | 697    | 689  |
| 125°   | 435  | 467    | 498  | 525    | 556  | 582    | 603  | 621    | 633  | 631    | 625  |
| 127.5° | 416  | 443    | 469  | 490    | 514  | 533    | 547  | 558    | 565  | 563    | 560  |
| 130°   | 397  | 421    | 441  | 457    | 473  | 486    | 494  | 499    | 500  | 497    | 491  |
| 132.5° | 379  | 398    | 414  | 426    | 436  | 443    | 445  | 444    | 444  | 447    | 452  |
| 135°   | 360  | 377    | 388  | 397    | 404  | 411    | 415  | 418    | 420  | 423    | 427  |
| 137.5° | 332  | 349    | 361  | 371    | 379  | 386    | 391  | 394    | 396  | 398    | 401  |
| 140°   | 304  | 320    | 333  | 344    | 353  | 361    | 367  | 370    | 371  | 373    | 376  |
| 142.5° | 275  | 291    | 305  | 317    | 326  | 335    | 342  | 346    | 348  | 348    | 350  |
| 145°   | 247  | 262    | 276  | 289    | 299  | 309    | 315  | 321    | 323  | 324    | 325  |
| 147.5° | 218  | 233    | 247  | 259    | 270  | 280    | 288  | 295    | 299  | 299    | 300  |
| 150°   | 190  | 203    | 217  | 229    | 242  | 251    | 260  | 267    | 273  | 275    | 275  |
| 152.5° | 161  | 174    | 186  | 198    | 210  | 220    | 230  | 238    | 244  | 250    | 251  |
| 155°   | 133  | 144    | 156  | 167    | 178  | 189    | 198  | 207    | 214  | 220    | 227  |
| 157.5° | 105  | 115    | 127  | 138    | 150  | 161    | 172  | 182    | 192  | 200    | 206  |
| 160°   | 94   | 102    | 112  | 123    | 133  | 143    | 153  | 162    | 170  | 178    | 185  |
| 162.5° | 82   | 90     | 98   | 107    | 116  | 125    | 133  | 141    | 149  | 156    | 162  |
| 165°   | 71   | 77     | 84   | 92     | 99   | 107    | 114  | 121    | 127  | 134    | 141  |
| 167.5° | 60   | 65     | 70   | 76     | 82   | 89     | 95   | 100    | 106  | 111    | 116  |
| 170°   | 48   | 53     | 57   | 61     | 65   | 70     | 75   | 80     | 84   | 89     | 93   |
| 172.5° | 37   | 40     | 43   | 46     | 49   | 52     | 55   | 59     | 62   | 66     | 69   |
| 175°   | 25   | 27     | 30   | 32     | 34   | 36     | 38   | 40     | 41   | 43     | 45   |
| 177.5° | 14   | 15     | 16   | 17     | 18   | 19     | 20   | 21     | 22   | 23     | 23   |
| 180°   | 2    | 2      | 2    | 2      | 2    | 2      | 2    | 2      | 2    | 2      | 2    |



TEST NUMBER: P232062

CATALOG NUMBER: FVS4WM-3-LD4-40-2HI-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

|        | 302.5° | 305° | 307.5° | 310° | 312.5° | 315° | 317.5° | 320° | 322.5° | 325° | 327.5° |
|--------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|
| 0°     | 2      | 2    | 2      | 2    | 2      | 2    | 2      | 2    | 2      | 2    | 2      |
| 2.5°   | 24     | 25   | 26     | 26   | 27     | 28   | 28     | 29   | 29     | 29   | 30     |
| 5°     | 47     | 49   | 51     | 52   | 54     | 55   | 57     | 58   | 59     | 60   | 61     |
| 7.5°   | 72     | 75   | 78     | 80   | 83     | 85   | 86     | 88   | 90     | 91   | 92     |
| 10°    | 97     | 100  | 104    | 107  | 109    | 112  | 115    | 117  | 118    | 119  | 120    |
| 12.5°  | 121    | 125  | 129    | 133  | 136    | 138  | 141    | 143  | 145    | 146  | 148    |
| 15°    | 145    | 149  | 154    | 158  | 161    | 164  | 167    | 170  | 172    | 174  | 176    |
| 17.5°  | 168    | 175  | 178    | 182  | 186    | 190  | 193    | 196  | 200    | 203  | 206    |
| 20°    | 191    | 196  | 201    | 206  | 209    | 213  | 217    | 221  | 225    | 229  | 234    |
| 22.5°  | 213    | 218  | 221    | 225  | 229    | 233  | 238    | 242  | 248    | 255  | 262    |
| 25°    | 231    | 234  | 237    | 241  | 245    | 249  | 257    | 264  | 272    | 281  | 290    |
| 27.5°  | 250    | 250  | 249    | 253  | 260    | 268  | 277    | 286  | 297    | 308  | 320    |
| 30°    | 275    | 275  | 275    | 277  | 279    | 285  | 297    | 308  | 322    | 336  | 351    |
| 32.5°  | 300    | 301  | 304    | 307  | 312    | 317  | 323    | 332  | 348    | 367  | 386    |
| 35°    | 326    | 329  | 333    | 339  | 345    | 353  | 360    | 372  | 383    | 404  | 433    |
| 37.5°  | 353    | 357  | 363    | 370  | 379    | 391  | 404    | 420  | 443    | 467  | 492    |
| 40°    | 379    | 386  | 393    | 403  | 417    | 433  | 456    | 482  | 511    | 543  | 575    |
| 42.5°  | 407    | 414  | 425    | 439  | 457    | 485  | 514    | 550  | 589    | 624  | 661    |
| 45°    | 433    | 444  | 458    | 478  | 507    | 540  | 579    | 620  | 664    | 708  | 757    |
| 47.5°  | 461    | 472  | 495    | 523  | 559    | 601  | 645    | 693  | 745    | 798  | 853    |
| 50°    | 490    | 507  | 533    | 571  | 614    | 660  | 713    | 769  | 829    | 887  | 949    |
| 52.5°  | 558    | 566  | 589    | 621  | 670    | 723  | 781    | 846  | 908    | 974  | 1045   |
| 55°    | 625    | 633  | 658    | 689  | 733    | 785  | 848    | 916  | 985    | 1058 | 1140   |
| 57.5°  | 686    | 697  | 720    | 753  | 800    | 857  | 918    | 984  | 1057   | 1139 | 1230   |
| 60°    | 745    | 755  | 778    | 815  | 864    | 922  | 985    | 1053 | 1129   | 1213 | 1319   |
| 62.5°  | 802    | 810  | 830    | 870  | 922    | 981  | 1045   | 1116 | 1199   | 1296 | 1403   |
| 65°    | 854    | 860  | 882    | 922  | 975    | 1032 | 1098   | 1177 | 1268   | 1371 | 1487   |
| 67.5°  | 902    | 904  | 928    | 971  | 1021   | 1079 | 1147   | 1232 | 1328   | 1439 | 1578   |
| 70°    | 947    | 946  | 970    | 1014 | 1062   | 1119 | 1194   | 1283 | 1382   | 1499 | 1659   |
| 72.5°  | 985    | 986  | 1010   | 1052 | 1096   | 1156 | 1235   | 1324 | 1426   | 1558 | 1718   |
| 75°    | 1019   | 1020 | 1041   | 1076 | 1120   | 1182 | 1267   | 1358 | 1458   | 1599 | 1773   |
| 77.5°  | 1053   | 1051 | 1068   | 1095 | 1135   | 1199 | 1285   | 1382 | 1495   | 1641 | 1820   |
| 80°    | 1086   | 1080 | 1091   | 1110 | 1146   | 1210 | 1298   | 1403 | 1526   | 1682 | 1865   |
| 82.5°  | 1119   | 1106 | 1111   | 1121 | 1153   | 1216 | 1308   | 1419 | 1547   | 1710 | 1904   |
| 85°    | 1151   | 1132 | 1129   | 1129 | 1157   | 1217 | 1314   | 1431 | 1560   | 1726 | 1933   |
| 87.5°  | 1184   | 1156 | 1146   | 1135 | 1159   | 1215 | 1318   | 1440 | 1569   | 1734 | 1958   |
| 90°    | 1217   | 1182 | 1162   | 1142 | 1159   | 1208 | 1312   | 1437 | 1562   | 1721 | 1954   |
| 92.5°  | 1184   | 1156 | 1146   | 1135 | 1159   | 1215 | 1318   | 1440 | 1569   | 1734 | 1958   |
| 95°    | 1151   | 1132 | 1129   | 1129 | 1157   | 1217 | 1314   | 1431 | 1560   | 1726 | 1933   |
| 97.5°  | 1119   | 1106 | 1111   | 1121 | 1153   | 1216 | 1308   | 1419 | 1547   | 1710 | 1904   |
| 100°   | 1086   | 1080 | 1091   | 1110 | 1146   | 1210 | 1298   | 1403 | 1526   | 1682 | 1865   |
| 102.5° | 1053   | 1051 | 1068   | 1095 | 1135   | 1199 | 1285   | 1382 | 1495   | 1641 | 1820   |
| 105°   | 1019   | 1020 | 1041   | 1076 | 1120   | 1182 | 1267   | 1358 | 1458   | 1599 | 1773   |
| 107.5° | 985    | 986  | 1010   | 1052 | 1096   | 1156 | 1235   | 1324 | 1426   | 1558 | 1718   |
| 110°   | 947    | 946  | 970    | 1014 | 1062   | 1119 | 1194   | 1283 | 1382   | 1499 | 1659   |



TEST NUMBER: P232062

CATALOG NUMBER: FVS4WM-3-LD4-40-2HI-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° | 902    | 904  | 928    | 971  | 1021   | 1079 | 1147   | 1232 | 1328   | 1439 | 1578   |
| 115°   | 854    | 860  | 882    | 922  | 975    | 1032 | 1098   | 1177 | 1268   | 1371 | 1487   |
| 117.5° | 802    | 810  | 830    | 870  | 922    | 981  | 1045   | 1116 | 1199   | 1296 | 1403   |
| 120°   | 745    | 755  | 778    | 815  | 864    | 922  | 985    | 1053 | 1129   | 1213 | 1319   |
| 122.5° | 686    | 697  | 720    | 753  | 800    | 857  | 918    | 984  | 1057   | 1139 | 1230   |
| 125°   | 625    | 633  | 658    | 689  | 733    | 785  | 848    | 916  | 985    | 1058 | 1140   |
| 127.5° | 558    | 566  | 589    | 621  | 670    | 723  | 781    | 846  | 908    | 974  | 1045   |
| 130°   | 490    | 507  | 533    | 571  | 614    | 660  | 713    | 769  | 829    | 887  | 949    |
| 132.5° | 461    | 472  | 495    | 523  | 559    | 601  | 645    | 693  | 745    | 798  | 853    |
| 135°   | 433    | 444  | 458    | 478  | 507    | 540  | 579    | 620  | 664    | 708  | 757    |
| 137.5° | 407    | 414  | 425    | 439  | 457    | 485  | 514    | 550  | 589    | 624  | 661    |
| 140°   | 379    | 386  | 393    | 403  | 417    | 433  | 456    | 482  | 511    | 543  | 575    |
| 142.5° | 353    | 357  | 363    | 370  | 379    | 391  | 404    | 420  | 443    | 467  | 492    |
| 145°   | 326    | 329  | 333    | 339  | 345    | 353  | 360    | 372  | 383    | 404  | 433    |
| 147.5° | 300    | 301  | 304    | 307  | 312    | 317  | 323    | 332  | 348    | 367  | 386    |
| 150°   | 275    | 275  | 275    | 277  | 279    | 285  | 297    | 308  | 322    | 336  | 351    |
| 152.5° | 250    | 250  | 249    | 253  | 260    | 268  | 277    | 286  | 297    | 308  | 320    |
| 155°   | 231    | 234  | 237    | 241  | 245    | 249  | 257    | 264  | 272    | 281  | 290    |
| 157.5° | 213    | 218  | 221    | 225  | 229    | 233  | 238    | 242  | 248    | 255  | 262    |
| 160°   | 191    | 196  | 201    | 206  | 209    | 213  | 217    | 221  | 225    | 229  | 234    |
| 162.5° | 168    | 175  | 178    | 182  | 186    | 190  | 193    | 196  | 200    | 203  | 206    |
| 165°   | 145    | 149  | 154    | 158  | 161    | 164  | 167    | 170  | 172    | 174  | 176    |
| 167.5° | 121    | 125  | 129    | 133  | 136    | 138  | 141    | 143  | 145    | 146  | 148    |
| 170°   | 97     | 100  | 104    | 107  | 109    | 112  | 115    | 117  | 118    | 119  | 120    |
| 172.5° | 72     | 75   | 78     | 80   | 83     | 85   | 86     | 88   | 90     | 91   | 92     |
| 175°   | 47     | 49   | 51     | 52   | 54     | 55   | 57     | 58   | 59     | 60   | 61     |
| 177.5° | 24     | 25   | 26     | 26   | 27     | 28   | 28     | 29   | 29     | 29   | 30     |
| 180°   | 2      | 2    | 2      | 2    | 2      | 2    | 2      | 2    | 2      | 2    | 2      |



TEST NUMBER: P232062

CATALOG NUMBER: FVS4WM-3-LD4-40-2HI-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

|        | 330° | 332.5° | 335° | 337.5° | 340° | 342.5° | 345° | 347.5° | 350° | 352.5° | 355° |
|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|
| 0°     | 2    | 2      | 2    | 2      | 2    | 2      | 2    | 2      | 2    | 2      | 2    |
| 2.5°   | 30   | 30     | 30   | 30     | 30   | 30     | 31   | 31     | 31   | 30     | 30   |
| 5°     | 62   | 63     | 63   | 64     | 64   | 64     | 64   | 64     | 65   | 64     | 64   |
| 7.5°   | 93   | 94     | 94   | 95     | 95   | 95     | 95   | 94     | 94   | 94     | 93   |
| 10°    | 121  | 122    | 122  | 122    | 122  | 122    | 122  | 121    | 120  | 120    | 118  |
| 12.5°  | 149  | 150    | 150  | 150    | 150  | 150    | 150  | 149    | 148  | 147    | 145  |
| 15°    | 178  | 180    | 182  | 184    | 185  | 186    | 187  | 188    | 188  | 188    | 188  |
| 17.5°  | 209  | 213    | 216  | 219    | 221  | 224    | 226  | 228    | 229  | 230    | 232  |
| 20°    | 238  | 243    | 248  | 253    | 257  | 262    | 265  | 269    | 272  | 274    | 277  |
| 22.5°  | 268  | 275    | 282  | 289    | 296  | 302    | 307  | 313    | 317  | 321    | 326  |
| 25°    | 299  | 309    | 317  | 327    | 336  | 345    | 353  | 360    | 367  | 373    | 377  |
| 27.5°  | 332  | 344    | 356  | 368    | 381  | 393    | 404  | 414    | 423  | 431    | 438  |
| 30°    | 367  | 383    | 399  | 415    | 432  | 448    | 462  | 475    | 486  | 495    | 503  |
| 32.5°  | 407  | 431    | 453  | 474    | 494  | 514    | 531  | 546    | 559  | 568    | 576  |
| 35°    | 461  | 491    | 520  | 546    | 569  | 591    | 609  | 624    | 637  | 646    | 653  |
| 37.5°  | 529  | 563    | 596  | 625    | 651  | 676    | 698  | 716    | 730  | 740    | 745  |
| 40°    | 607  | 644    | 683  | 720    | 752  | 780    | 805  | 825    | 840  | 851    | 857  |
| 42.5°  | 702  | 744    | 787  | 828    | 865  | 897    | 930  | 957    | 979  | 994    | 1004 |
| 45°    | 805  | 853    | 900  | 950    | 997  | 1044   | 1078 | 1111   | 1136 | 1153   | 1163 |
| 47.5°  | 908  | 967    | 1026 | 1088   | 1147 | 1197   | 1247 | 1294   | 1332 | 1362   | 1381 |
| 50°    | 1015 | 1084   | 1159 | 1234   | 1319 | 1388   | 1449 | 1506   | 1555 | 1597   | 1629 |
| 52.5°  | 1122 | 1204   | 1298 | 1396   | 1492 | 1577   | 1650 | 1719   | 1782 | 1837   | 1881 |
| 55°    | 1228 | 1331   | 1437 | 1544   | 1651 | 1756   | 1846 | 1920   | 1987 | 2048   | 2100 |
| 57.5°  | 1336 | 1449   | 1565 | 1692   | 1821 | 1913   | 2004 | 2084   | 2156 | 2223   | 2281 |
| 60°    | 1435 | 1561   | 1704 | 1833   | 1945 | 2044   | 2134 | 2219   | 2296 | 2365   | 2425 |
| 62.5°  | 1528 | 1686   | 1825 | 1950   | 2054 | 2154   | 2247 | 2337   | 2413 | 2484   | 2549 |
| 65°    | 1641 | 1790   | 1925 | 2037   | 2143 | 2245   | 2341 | 2428   | 2512 | 2588   | 2653 |
| 67.5°  | 1735 | 1882   | 1997 | 2106   | 2215 | 2324   | 2424 | 2520   | 2606 | 2676   | 2735 |
| 70°    | 1814 | 1953   | 2068 | 2169   | 2283 | 2393   | 2498 | 2596   | 2683 | 2761   | 2821 |
| 72.5°  | 1880 | 2020   | 2131 | 2239   | 2343 | 2450   | 2566 | 2668   | 2768 | 2843   | 2894 |
| 75°    | 1939 | 2071   | 2184 | 2292   | 2397 | 2513   | 2623 | 2726   | 2816 | 2904   | 2966 |
| 77.5°  | 1990 | 2116   | 2222 | 2329   | 2443 | 2561   | 2669 | 2760   | 2866 | 2959   | 3024 |
| 80°    | 2027 | 2145   | 2247 | 2355   | 2473 | 2601   | 2702 | 2805   | 2909 | 3002   | 3053 |
| 82.5°  | 2058 | 2170   | 2271 | 2378   | 2495 | 2615   | 2726 | 2834   | 2947 | 3033   | 3079 |
| 85°    | 2080 | 2186   | 2284 | 2396   | 2515 | 2631   | 2738 | 2847   | 2959 | 3049   | 3106 |
| 87.5°  | 2097 | 2192   | 2287 | 2402   | 2519 | 2634   | 2742 | 2857   | 2969 | 3059   | 3103 |
| 90°    | 2094 | 2190   | 2280 | 2397   | 2507 | 2621   | 2731 | 2846   | 2961 | 3045   | 3095 |
| 92.5°  | 2097 | 2192   | 2287 | 2402   | 2519 | 2634   | 2742 | 2857   | 2969 | 3059   | 3103 |
| 95°    | 2080 | 2186   | 2284 | 2396   | 2515 | 2631   | 2738 | 2847   | 2959 | 3049   | 3106 |
| 97.5°  | 2058 | 2170   | 2271 | 2378   | 2495 | 2615   | 2726 | 2834   | 2947 | 3033   | 3079 |
| 100°   | 2027 | 2145   | 2247 | 2355   | 2473 | 2601   | 2702 | 2805   | 2909 | 3002   | 3053 |
| 102.5° | 1990 | 2116   | 2222 | 2329   | 2443 | 2561   | 2669 | 2760   | 2866 | 2959   | 3024 |
| 105°   | 1939 | 2071   | 2184 | 2292   | 2397 | 2513   | 2623 | 2726   | 2816 | 2904   | 2966 |
| 107.5° | 1880 | 2020   | 2131 | 2239   | 2343 | 2450   | 2566 | 2668   | 2768 | 2843   | 2894 |
| 110°   | 1814 | 1953   | 2068 | 2169   | 2283 | 2393   | 2498 | 2596   | 2683 | 2761   | 2821 |



TEST NUMBER: P232062

CATALOG NUMBER: FVS4WM-3-LD4-40-2HI-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

|        | 330° | 332.5° | 335° | 337.5° | 340° | 342.5° | 345° | 347.5° | 350° | 352.5° | 355° |
|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|
| 112.5° | 1735 | 1882   | 1997 | 2106   | 2215 | 2324   | 2424 | 2520   | 2606 | 2676   | 2735 |
| 115°   | 1641 | 1790   | 1925 | 2037   | 2143 | 2245   | 2341 | 2428   | 2512 | 2588   | 2653 |
| 117.5° | 1528 | 1686   | 1825 | 1950   | 2054 | 2154   | 2247 | 2337   | 2413 | 2484   | 2549 |
| 120°   | 1435 | 1561   | 1704 | 1833   | 1945 | 2044   | 2134 | 2219   | 2296 | 2365   | 2425 |
| 122.5° | 1336 | 1449   | 1565 | 1692   | 1821 | 1913   | 2004 | 2084   | 2156 | 2223   | 2281 |
| 125°   | 1228 | 1331   | 1437 | 1544   | 1651 | 1756   | 1846 | 1920   | 1987 | 2048   | 2100 |
| 127.5° | 1122 | 1204   | 1298 | 1396   | 1492 | 1577   | 1650 | 1719   | 1782 | 1837   | 1881 |
| 130°   | 1015 | 1084   | 1159 | 1234   | 1319 | 1388   | 1449 | 1506   | 1555 | 1597   | 1629 |
| 132.5° | 908  | 967    | 1026 | 1088   | 1147 | 1197   | 1247 | 1294   | 1332 | 1362   | 1381 |
| 135°   | 805  | 853    | 900  | 950    | 997  | 1044   | 1078 | 1111   | 1136 | 1153   | 1163 |
| 137.5° | 702  | 744    | 787  | 828    | 865  | 897    | 930  | 957    | 979  | 994    | 1004 |
| 140°   | 607  | 644    | 683  | 720    | 752  | 780    | 805  | 825    | 840  | 851    | 857  |
| 142.5° | 529  | 563    | 596  | 625    | 651  | 676    | 698  | 716    | 730  | 740    | 745  |
| 145°   | 461  | 491    | 520  | 546    | 569  | 591    | 609  | 624    | 637  | 646    | 653  |
| 147.5° | 407  | 431    | 453  | 474    | 494  | 514    | 531  | 546    | 559  | 568    | 576  |
| 150°   | 367  | 383    | 399  | 415    | 432  | 448    | 462  | 475    | 486  | 495    | 503  |
| 152.5° | 332  | 344    | 356  | 368    | 381  | 393    | 404  | 414    | 423  | 431    | 438  |
| 155°   | 299  | 309    | 317  | 327    | 336  | 345    | 353  | 360    | 367  | 373    | 377  |
| 157.5° | 268  | 275    | 282  | 289    | 296  | 302    | 307  | 313    | 317  | 321    | 326  |
| 160°   | 238  | 243    | 248  | 253    | 257  | 262    | 265  | 269    | 272  | 274    | 277  |
| 162.5° | 209  | 213    | 216  | 219    | 221  | 224    | 226  | 228    | 229  | 230    | 232  |
| 165°   | 178  | 180    | 182  | 184    | 185  | 186    | 187  | 188    | 188  | 188    | 188  |
| 167.5° | 149  | 150    | 150  | 150    | 150  | 150    | 150  | 149    | 148  | 147    | 145  |
| 170°   | 121  | 122    | 122  | 122    | 122  | 122    | 122  | 121    | 120  | 120    | 118  |
| 172.5° | 93   | 94     | 94   | 95     | 95   | 95     | 95   | 94     | 94   | 94     | 93   |
| 175°   | 62   | 63     | 63   | 64     | 64   | 64     | 64   | 64     | 65   | 64     | 64   |
| 177.5° | 30   | 30     | 30   | 30     | 30   | 30     | 31   | 31     | 31   | 30     | 30   |
| 180°   | 2    | 2      | 2    | 2      | 2    | 2      | 2    | 2      | 2    | 2      | 2    |



TEST NUMBER: P232062

CATALOG NUMBER: FVS4WM-3-LD4-40-2HI-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

|        | 357.5° | 360° |
|--------|--------|------|
| 0°     | 2      | 2    |
| 2.5°   | 29     | 29   |
| 5°     | 63     | 62   |
| 7.5°   | 91     | 90   |
| 10°    | 116    | 114  |
| 12.5°  | 143    | 141  |
| 15°    | 187    | 185  |
| 17.5°  | 231    | 230  |
| 20°    | 277    | 277  |
| 22.5°  | 327    | 328  |
| 25°    | 382    | 384  |
| 27.5°  | 444    | 448  |
| 30°    | 510    | 513  |
| 32.5°  | 583    | 585  |
| 35°    | 658    | 658  |
| 37.5°  | 749    | 747  |
| 40°    | 861    | 856  |
| 42.5°  | 1010   | 1005 |
| 45°    | 1169   | 1161 |
| 47.5°  | 1396   | 1390 |
| 50°    | 1657   | 1659 |
| 52.5°  | 1921   | 1932 |
| 55°    | 2149   | 2171 |
| 57.5°  | 2336   | 2367 |
| 60°    | 2481   | 2515 |
| 62.5°  | 2606   | 2653 |
| 65°    | 2706   | 2749 |
| 67.5°  | 2784   | 2824 |
| 70°    | 2866   | 2899 |
| 72.5°  | 2932   | 2959 |
| 75°    | 2996   | 3011 |
| 77.5°  | 3046   | 3057 |
| 80°    | 3077   | 3090 |
| 82.5°  | 3100   | 3118 |
| 85°    | 3114   | 3135 |
| 87.5°  | 3129   | 3146 |
| 90°    | 3112   | 3138 |
| 92.5°  | 3129   | 3146 |
| 95°    | 3114   | 3135 |
| 97.5°  | 3100   | 3118 |
| 100°   | 3077   | 3090 |
| 102.5° | 3046   | 3057 |
| 105°   | 2996   | 3011 |
| 107.5° | 2932   | 2959 |
| 110°   | 2866   | 2899 |





TEST NUMBER: P232062

CATALOG NUMBER: FVS4WM-3-LD4-40-2HI-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

|        | 357.5° | 360° |
|--------|--------|------|
| 112.5° | 2784   | 2824 |
| 115°   | 2706   | 2749 |
| 117.5° | 2606   | 2653 |
| 120°   | 2481   | 2515 |
| 122.5° | 2336   | 2367 |
| 125°   | 2149   | 2171 |
| 127.5° | 1921   | 1932 |
| 130°   | 1657   | 1659 |
| 132.5° | 1396   | 1390 |
| 135°   | 1169   | 1161 |
| 137.5° | 1010   | 1005 |
| 140°   | 861    | 856  |
| 142.5° | 749    | 747  |
| 145°   | 658    | 658  |
| 147.5° | 583    | 585  |
| 150°   | 510    | 513  |
| 152.5° | 444    | 448  |
| 155°   | 382    | 384  |
| 157.5° | 327    | 328  |
| 160°   | 277    | 277  |
| 162.5° | 231    | 230  |
| 165°   | 187    | 185  |
| 167.5° | 143    | 141  |
| 170°   | 116    | 114  |
| 172.5° | 91     | 90   |
| 175°   | 63     | 62   |
| 177.5° | 29     | 29   |
| 180°   | 2      | 2    |

(END OF REPORT)