

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: P232067

Luminaire Tested: **FVS4WM-3-LD4-50-2LO-PFS125-UNV-EDC1**

Issue Date: 3/3/2020



**Test Information**

Test Method: LM-79-08  
Report Number: P232067  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1706-121-29)  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: FAIL-SAFE  
Catalog Number: FVS4WM-3-LD4-50-2LO-PFS125-UNV-EDC1  
Description: FAILSAFE FVS LED FIXTURE  
3FT LENGTH, 2-MODULE LED WITH PFS125 LENS  
Light Source: (168) 5000K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

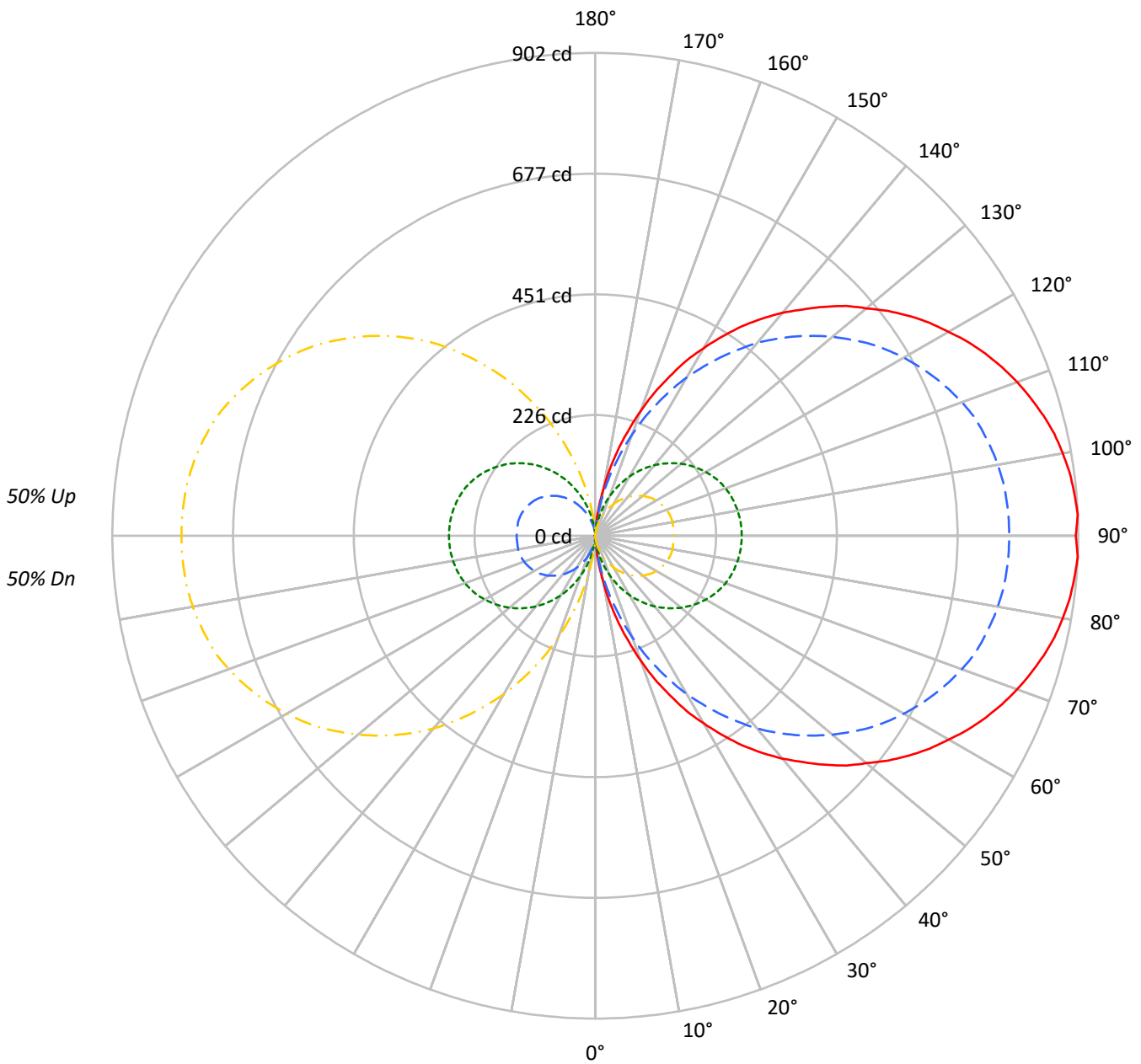
Lumens per Lamp: N/A  
Luminaire Lumens: 4040.7 lumens  
Efficiency: N/A  
Efficacy: 71.1 lumens/watt  
Spacing Criteria (0/90/45): 19.84 / 16.78 / 17.99  
Luminous Opening: Rectangular w/ Sides (W: 2.92' x L: 0.19' x H: 0.31')  
CIE Type: General Diffuse

Input Watts (W): 56.8  
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: P232067

CATALOG NUMBER: FVS4WM-3-LD4-50-2LO-PFS125-UNV-EDC1

### Luminous Intensity Polar Plot



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



TEST NUMBER: P232067

CATALOG NUMBER: FVS4WM-3-LD4-50-2LO-PFS125-UNV-EDC1

**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	92	85	79	74	84	78	73	68	64	60	56	52	49	46	40	38	36	30
2	81	71	63	55	74	65	57	51	53	47	42	42	38	34	32	29	26	21
3	73	61	51	44	66	55	47	40	45	38	33	35	30	26	27	23	19	15
4	66	52	43	35	59	48	39	32	39	32	26	31	25	21	23	19	15	11
5	60	46	36	29	54	42	33	26	34	27	22	27	21	17	20	16	12	9
6	55	41	31	24	49	37	28	22	30	23	18	24	18	14	18	13	10	7
7	50	36	27	21	45	33	25	19	27	20	15	21	16	12	16	12	8	6
8	46	32	24	18	42	30	22	16	24	18	13	19	14	10	14	10	7	5
9	43	29	21	15	39	27	19	14	22	16	11	17	12	9	13	9	6	4
10	40	27	19	13	36	24	17	12	20	14	10	16	11	8	12	8	5	3

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

	0°	90°	180°	270°
0°	18	18	18	18
5°	545	194	16	194
10°	1437	585	14	585
15°	2378	1056	13	1056
20°	3236	1583	12	1583
25°	4005	2147	11	2147
30°	4684	2744	10	2744
35°	5295	3368	10	3368
40°	5821	4064	10	4064
45°	6313	4812	9	4812
50°	6776	5686	9	5686
55°	7267	6690	9	6690
60°	7717	7912	9	7912
65°	8189	9468	9	9468
70°	8650	11520	9	11520
75°	9128	14418	9	14418
80°	9613	19029	0	19029
85°	10117	27673	0	27673



TEST NUMBER: P232067

CATALOG NUMBER: FVS4WM-3-LD4-50-2LO-PFS125-UNV-EDC1

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	2.3	0.1
10°-20°	22.6	0.6
20°-30°	70.6	1.7
30°-40°	140.3	3.5
40°-50°	221.8	5.5
50°-60°	303.9	7.5
60°-70°	376.0	9.3
70°-80°	428.6	10.6
80°-90°	454.3	11.2
90°-100°	454.3	11.2
100°-110°	428.6	10.6
110°-120°	376.0	9.3
120°-130°	303.9	7.5
130°-140°	221.8	5.5
140°-150°	140.3	3.5
150°-160°	70.6	1.7
160°-170°	22.6	0.6
170°-180°	2.3	0.1
0°-30°	95.4	2.4
0°-40°	235.7	5.8
0°-60°	761.4	18.8
0°-90°	2020.3	50.0
90°-120°	1258.9	31.2
90°-150°	1924.9	47.6
90°-180°	2020.0	50.0
0°-180°	4040.7	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	1	1	1	1	1	
5°	32	10	1	10	32	5
15°	169	53	1	53	169	50
25°	328	104	1	104	328	154
35°	478	151	1	151	478	301
45°	605	191	1	191	605	469
55°	716	225	1	225	716	642
65°	804	250	1	250	804	797
75°	867	265	1	265	867	915
85°	898	273	0	273	898	731
90°	897	274	0	274	897	493
95°	898	273	0	273	898	731
105°	867	265	1	265	867	915
115°	804	250	1	250	804	797
125°	716	225	1	225	716	642
135°	605	191	1	191	605	469
145°	478	151	1	151	478	301
155°	328	104	1	104	328	154
165°	169	53	1	53	169	50
175°	32	10	1	10	32	5
180°	0	0	0	0	0	



TEST NUMBER: P232067

CATALOG NUMBER: FVS4WM-3-LD4-50-2LO-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (FULL):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
2.5°	10.8	11.0	11.2	11.4	11.6	11.8	12.0	11.7	11.8	11.8	11.8
5°	31.6	32.0	32.3	32.7	33.0	32.4	32.3	32.1	31.9	31.6	31.2
7.5°	57.8	58.5	59.2	59.9	59.4	59.4	59.2	58.9	58.4	57.7	56.8
10°	93.0	93.8	94.6	95.4	94.0	93.6	93.0	92.1	90.9	89.6	87.9
12.5°	130.0	131.2	132.4	131.9	131.8	131.4	130.5	129.2	127.6	125.5	123.7
15°	168.8	170.0	171.2	170.4	170.1	169.3	168.1	166.6	165.0	163.7	161.9
17.5°	206.7	208.5	210.4	209.8	209.7	209.0	207.7	206.5	205.2	203.5	201.2
20°	248.2	250.3	252.5	251.7	251.5	250.6	249.4	247.9	246.0	243.7	241.0
22.5°	289.8	291.3	292.8	291.1	290.3	289.1	289.0	288.0	285.9	282.7	278.4
25°	327.7	329.8	330.3	330.4	329.6	329.4	329.1	328.2	326.6	324.4	321.3
27.5°	369.2	370.8	370.7	370.1	369.0	369.1	368.4	367.0	364.5	362.6	359.5
30°	404.4	406.7	407.2	407.2	407.3	407.5	406.7	404.9	403.2	400.8	397.4
32.5°	441.4	444.0	444.5	444.5	444.6	444.2	443.1	442.1	440.9	438.4	434.4
35°	477.5	479.1	478.6	478.2	479.5	479.5	478.4	477.7	476.0	473.5	470.2
37.5°	510.9	512.6	512.1	512.5	514.0	514.4	514.4	513.7	512.0	509.3	505.5
40°	543.4	545.7	545.5	546.4	547.4	547.8	548.6	548.0	546.4	544.0	540.5
42.5°	573.2	575.7	575.8	577.8	579.2	580.3	581.3	581.3	579.3	576.6	573.2
45°	604.8	607.0	606.6	608.4	609.2	611.0	612.0	613.5	610.7	607.6	603.7
47.5°	635.5	636.5	635.5	637.5	638.9	640.6	641.1	641.2	640.4	638.0	633.7
50°	660.8	663.5	663.9	665.3	667.8	670.4	671.8	671.5	670.0	667.7	663.2
52.5°	689.6	691.4	691.7	693.1	695.7	698.1	699.5	699.1	698.1	695.8	691.9
55°	715.8	717.1	717.2	718.8	721.7	724.1	725.6	724.9	722.8	720.2	716.3
57.5°	740.2	740.9	741.0	743.1	746.4	749.6	750.9	750.4	748.9	744.4	738.9
60°	761.9	763.5	763.6	766.8	770.5	773.9	774.8	774.3	772.3	768.1	762.1
62.5°	784.4	783.5	785.0	788.7	792.8	795.9	796.6	795.5	794.1	790.0	783.7
65°	804.3	804.4	805.2	808.5	813.2	815.8	816.7	816.3	813.9	808.7	802.9
67.5°	822.3	821.8	822.9	827.2	831.9	834.4	835.2	834.3	831.3	826.1	820.0
70°	838.6	837.1	838.9	844.6	849.3	851.1	851.8	851.0	847.1	842.0	835.4
72.5°	853.0	852.0	853.7	859.5	864.0	865.8	866.0	864.2	860.5	855.5	850.0
75°	866.6	864.0	866.9	872.8	876.3	877.9	877.0	875.4	872.5	867.5	861.1
77.5°	878.3	874.2	878.3	884.3	886.6	887.4	886.4	884.7	881.6	876.8	870.2
80°	886.4	883.4	888.1	892.7	893.9	894.5	894.1	892.6	889.7	885.2	878.1
82.5°	893.7	891.0	896.0	897.1	898.8	899.7	899.6	897.9	895.3	890.6	883.7
85°	898.2	898.0	898.4	900.3	901.8	902.9	902.6	901.0	898.0	893.3	887.1
87.5°	901.8	899.1	898.2	900.1	901.9	903.0	902.5	901.3	898.3	893.7	888.0
90°	897.3	889.1	891.8	895.5	899.1	900.9	900.9	900.0	897.3	893.7	887.3
92.5°	901.8	899.1	898.2	900.1	901.9	903.0	902.5	901.3	898.3	893.7	888.0
95°	898.2	898.0	898.4	900.3	901.8	902.9	902.6	901.0	898.0	893.3	887.1
97.5°	893.7	891.0	896.0	897.1	898.8	899.7	899.6	897.9	895.3	890.6	883.7
100°	886.4	883.4	888.1	892.7	893.9	894.5	894.1	892.6	889.7	885.2	878.1
102.5°	878.3	874.2	878.3	884.3	886.6	887.4	886.4	884.7	881.6	876.8	870.2
105°	866.6	864.0	866.9	872.8	876.3	877.9	877.0	875.4	872.5	867.5	861.1
107.5°	853.0	852.0	853.7	859.5	864.0	865.8	866.0	864.2	860.5	855.5	850.0
110°	838.6	837.1	838.9	844.6	849.3	851.1	851.8	851.0	847.1	842.0	835.4



TEST NUMBER: P232067

CATALOG NUMBER: FVS4WM-3-LD4-50-2LO-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
112.5°	822.3	821.8	822.9	827.2	831.9	834.4	835.2	834.3	831.3	826.1	820.0
115°	804.3	804.4	805.2	808.5	813.2	815.8	816.7	816.3	813.9	808.7	802.9
117.5°	784.4	783.5	785.0	788.7	792.8	795.9	796.6	795.5	794.1	790.0	783.7
120°	761.9	763.5	763.6	766.8	770.5	773.9	774.8	774.3	772.3	768.1	762.1
122.5°	740.2	740.9	741.0	743.1	746.4	749.6	750.9	750.4	748.9	744.4	738.9
125°	715.8	717.1	717.2	718.8	721.7	724.1	725.6	724.9	722.8	720.2	716.3
127.5°	689.6	691.4	691.7	693.1	695.7	698.1	699.5	699.1	698.1	695.8	691.9
130°	660.8	663.5	663.9	665.3	667.8	670.4	671.8	671.5	670.0	667.7	663.2
132.5°	635.5	636.5	635.5	637.5	638.9	640.6	641.1	641.2	640.4	638.0	633.7
135°	604.8	607.0	606.6	608.4	609.2	611.0	612.0	613.5	610.7	607.6	603.7
137.5°	573.2	575.7	575.8	577.8	579.2	580.3	581.3	581.3	579.3	576.6	573.2
140°	543.4	545.7	545.5	546.4	547.4	547.8	548.6	548.0	546.4	544.0	540.5
142.5°	510.9	512.6	512.1	512.5	514.0	514.4	514.4	513.7	512.0	509.3	505.5
145°	477.5	479.1	478.6	478.2	479.5	479.5	478.4	477.7	476.0	473.5	470.2
147.5°	441.4	444.0	444.5	444.5	444.6	444.2	443.1	442.1	440.9	438.4	434.4
150°	404.4	406.7	407.2	407.2	407.3	407.5	406.7	404.9	403.2	400.8	397.4
152.5°	369.2	370.8	370.7	370.1	369.0	369.1	368.4	367.0	364.5	362.6	359.5
155°	327.7	329.8	330.3	330.4	329.6	329.4	329.1	328.2	326.6	324.4	321.3
157.5°	289.8	291.3	292.8	291.1	290.3	289.1	289.0	288.0	285.9	282.7	278.4
160°	248.2	250.3	252.5	251.7	251.5	250.6	249.4	247.9	246.0	243.7	241.0
162.5°	206.7	208.5	210.4	209.8	209.7	209.0	207.7	206.5	205.2	203.5	201.2
165°	168.8	170.0	171.2	170.4	170.1	169.3	168.1	166.6	165.0	163.7	161.9
167.5°	130.0	131.2	132.4	131.9	131.8	131.4	130.5	129.2	127.6	125.5	123.7
170°	93.0	93.8	94.6	95.4	94.0	93.6	93.0	92.1	90.9	89.6	87.9
172.5°	57.8	58.5	59.2	59.9	59.4	59.4	59.2	58.9	58.4	57.7	56.8
175°	31.6	32.0	32.3	32.7	33.0	32.4	32.3	32.1	31.9	31.6	31.2
177.5°	10.8	11.0	11.2	11.4	11.6	11.8	12.0	11.7	11.8	11.8	11.8
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232067

CATALOG NUMBER: FVS4WM-3-LD4-50-2LO-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
2.5°	11.8	11.7	11.7	11.6	11.5	11.4	11.3	11.1	10.9	10.7	10.5
5°	30.7	30.2	29.6	28.9	28.2	27.4	26.5	25.5	24.5	23.5	22.4
7.5°	55.8	54.5	53.1	51.6	49.8	47.9	45.7	44.4	42.6	41.4	40.1
10°	86.1	84.0	82.5	80.6	78.5	76.1	73.8	71.6	69.2	66.6	63.9
12.5°	121.8	119.5	117.0	114.1	111.2	108.2	104.9	101.2	97.3	93.0	88.5
15°	159.6	156.8	153.5	149.8	146.0	141.8	137.5	133.0	128.0	123.2	118.4
17.5°	198.4	195.1	191.3	187.1	182.6	177.6	172.0	166.3	160.5	154.2	147.4
20°	238.0	234.4	230.3	225.6	220.5	214.9	208.7	201.7	194.2	186.6	179.0
22.5°	275.4	272.4	268.4	263.4	257.4	250.9	244.4	237.5	230.3	221.3	212.1
25°	316.8	312.1	307.3	302.3	295.9	288.3	280.2	271.8	263.5	254.8	246.8
27.5°	355.2	350.0	344.2	338.2	331.8	324.5	317.8	306.9	297.1	286.9	276.2
30°	393.1	388.0	383.0	375.2	367.6	359.4	350.5	341.3	331.4	320.1	308.3
32.5°	430.2	425.0	418.7	411.0	403.1	394.0	384.1	373.5	363.2	351.9	338.7
35°	465.8	460.1	453.7	446.6	438.0	428.2	417.7	406.3	394.9	382.5	368.3
37.5°	500.6	494.7	488.1	482.0	471.6	462.0	450.8	438.0	425.4	413.1	398.1
40°	535.8	529.2	521.5	513.2	504.2	494.0	483.1	470.2	455.0	440.3	425.5
42.5°	568.2	562.4	554.8	545.2	536.4	524.3	512.0	498.6	483.9	467.8	451.7
45°	598.8	592.4	584.6	575.6	565.3	553.5	540.4	526.3	511.1	495.2	477.6
47.5°	628.3	622.2	613.8	604.5	594.3	582.4	567.9	552.7	536.9	521.1	502.9
50°	656.3	649.3	641.6	631.9	622.0	607.9	593.3	578.0	561.4	544.4	526.0
52.5°	685.8	676.3	668.0	657.2	645.5	633.6	617.7	601.7	585.2	567.2	547.8
55°	709.7	700.4	691.6	681.3	669.2	656.1	641.8	625.4	606.7	587.6	568.7
57.5°	733.1	725.1	715.0	703.7	691.3	678.2	662.9	646.1	628.3	608.4	587.1
60°	754.7	746.8	737.1	725.3	712.0	698.0	682.4	665.3	647.0	627.0	605.8
62.5°	775.8	766.3	756.5	744.3	731.1	716.9	700.5	683.0	664.6	644.2	622.3
65°	794.6	785.2	774.8	761.9	748.6	733.9	717.3	699.5	680.4	659.5	637.5
67.5°	812.3	802.8	791.0	778.3	764.6	749.2	732.8	714.7	695.0	673.6	650.9
70°	827.2	817.0	805.9	792.5	778.5	762.6	746.2	728.4	708.4	686.9	662.9
72.5°	841.1	830.6	819.5	806.1	791.6	775.5	759.1	741.2	719.5	697.8	673.7
75°	852.7	842.4	830.5	817.4	803.3	786.4	768.4	749.6	728.4	706.6	682.7
77.5°	862.4	852.2	840.2	826.3	810.7	794.8	776.6	757.1	736.5	713.9	689.6
80°	870.2	859.8	847.6	833.6	817.9	801.1	783.0	763.4	742.7	719.7	695.1
82.5°	875.2	865.4	853.0	838.6	823.1	806.2	787.4	768.3	747.5	723.6	699.6
85°	878.3	868.3	855.7	842.0	825.6	809.1	790.3	770.8	749.5	726.5	702.8
87.5°	879.7	870.2	857.4	843.9	827.1	811.0	792.8	772.7	751.6	728.8	705.3
90°	879.2	870.2	856.6	843.1	827.8	812.4	793.5	772.7	752.8	729.4	705.9
92.5°	879.7	870.2	857.4	843.9	827.1	811.0	792.8	772.7	751.6	728.8	705.3
95°	878.3	868.3	855.7	842.0	825.6	809.1	790.3	770.8	749.5	726.5	702.8
97.5°	875.2	865.4	853.0	838.6	823.1	806.2	787.4	768.3	747.5	723.6	699.6
100°	870.2	859.8	847.6	833.6	817.9	801.1	783.0	763.4	742.7	719.7	695.1
102.5°	862.4	852.2	840.2	826.3	810.7	794.8	776.6	757.1	736.5	713.9	689.6
105°	852.7	842.4	830.5	817.4	803.3	786.4	768.4	749.6	728.4	706.6	682.7
107.5°	841.1	830.6	819.5	806.1	791.6	775.5	759.1	741.2	719.5	697.8	673.7
110°	827.2	817.0	805.9	792.5	778.5	762.6	746.2	728.4	708.4	686.9	662.9





TEST NUMBER: P232067

CATALOG NUMBER: FVS4WM-3-LD4-50-2LO-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
112.5°	812.3	802.8	791.0	778.3	764.6	749.2	732.8	714.7	695.0	673.6	650.9
115°	794.6	785.2	774.8	761.9	748.6	733.9	717.3	699.5	680.4	659.5	637.5
117.5°	775.8	766.3	756.5	744.3	731.1	716.9	700.5	683.0	664.6	644.2	622.3
120°	754.7	746.8	737.1	725.3	712.0	698.0	682.3	665.3	647.0	627.0	605.8
122.5°	733.1	725.1	715.0	703.7	691.3	678.2	662.9	646.1	628.3	608.4	587.1
125°	709.7	700.4	691.6	681.3	669.2	656.1	641.8	625.4	606.7	587.6	568.7
127.5°	685.8	676.3	668.0	657.2	645.5	633.6	617.7	601.7	585.2	567.2	547.8
130°	656.3	649.3	641.6	631.9	622.0	607.9	593.3	578.0	561.4	544.4	526.0
132.5°	628.3	622.2	613.8	604.5	594.3	582.4	567.9	552.7	536.9	521.1	502.9
135°	598.8	592.4	584.6	575.6	565.3	553.5	540.4	526.3	511.1	495.2	477.6
137.5°	568.2	562.4	554.8	545.2	536.4	524.3	512.0	498.6	483.9	467.8	451.7
140°	535.8	529.2	521.5	513.2	504.2	494.0	483.1	470.2	455.0	440.3	425.5
142.5°	500.6	494.7	488.1	482.0	471.6	462.0	450.8	438.0	425.4	413.1	398.1
145°	465.8	460.1	453.7	446.6	438.0	428.2	417.7	406.3	394.9	382.5	368.3
147.5°	430.2	425.0	418.7	411.0	403.1	394.0	384.1	373.5	363.2	351.9	338.7
150°	393.1	388.0	383.0	375.2	367.6	359.4	350.5	341.3	331.4	320.1	308.3
152.5°	355.2	350.0	344.2	338.2	331.8	324.5	317.8	306.9	297.1	286.9	276.2
155°	316.8	312.1	307.3	302.3	295.9	288.3	280.2	271.8	263.5	254.8	246.8
157.5°	275.4	272.4	268.4	263.4	257.4	250.9	244.4	237.5	230.3	221.3	212.1
160°	238.0	234.4	230.3	225.6	220.5	214.9	208.7	201.7	194.2	186.6	179.0
162.5°	198.4	195.1	191.3	187.1	182.6	177.6	172.0	166.3	160.5	154.2	147.4
165°	159.6	156.8	153.5	149.8	146.0	141.8	137.5	133.0	128.0	123.2	118.4
167.5°	121.8	119.5	117.0	114.1	111.2	108.2	104.9	101.2	97.3	93.0	88.5
170°	86.1	84.0	82.5	80.6	78.5	76.1	73.8	71.6	69.2	66.6	63.9
172.5°	55.8	54.5	53.1	51.6	49.8	47.9	45.7	44.4	42.6	41.4	40.1
175°	30.7	30.2	29.6	28.9	28.2	27.4	26.5	25.5	24.5	23.5	22.4
177.5°	11.8	11.7	11.7	11.6	11.5	11.4	11.3	11.1	10.9	10.7	10.5
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232067

CATALOG NUMBER: FVS4WM-3-LD4-50-2LO-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
2.5°	10.3	10.0	9.8	9.5	9.2	8.9	8.5	8.2	7.8	7.4	7.1
5°	21.2	19.9	18.7	18.1	17.5	16.9	16.2	15.5	14.8	14.0	13.2
7.5°	38.8	37.3	35.7	34.0	32.1	30.2	28.1	27.1	26.2	25.3	24.3
10°	61.0	58.0	55.0	52.5	49.9	47.2	44.3	41.3	38.2	36.7	35.4
12.5°	85.1	81.6	77.9	73.8	69.4	65.5	62.1	58.6	54.9	51.1	48.8
15°	113.4	108.2	103.6	97.7	92.1	86.3	80.0	75.7	71.5	67.2	62.7
17.5°	141.3	134.6	128.8	122.5	115.9	109.0	101.8	94.4	88.9	84.0	78.9
20°	171.2	163.0	154.7	147.4	139.6	131.5	123.5	115.3	106.8	100.9	95.1
22.5°	202.3	192.8	183.2	173.2	163.9	154.6	145.0	135.7	126.1	117.0	110.3
25°	234.4	223.3	212.2	200.7	188.7	177.8	167.3	156.5	145.5	134.1	125.4
27.5°	264.4	252.5	240.8	228.9	215.2	201.0	188.8	176.7	164.5	152.4	141.5
30°	295.0	280.8	267.1	254.1	240.3	225.2	210.0	196.4	183.0	170.1	157.8
32.5°	324.7	309.7	293.9	278.7	264.1	248.4	231.9	216.0	200.5	186.3	172.8
35°	353.2	337.6	321.0	303.8	287.2	270.1	252.8	236.2	218.7	202.4	187.6
37.5°	381.5	364.6	346.9	329.0	312.3	292.0	273.0	254.3	236.1	218.3	202.6
40°	408.9	391.3	372.2	352.6	333.5	313.7	293.2	272.8	252.7	234.3	217.4
42.5°	434.7	416.0	396.4	375.7	355.2	335.0	313.0	290.7	268.5	248.9	230.4
45°	459.3	440.3	419.5	397.9	375.9	354.6	331.6	307.2	284.5	263.0	242.8
47.5°	483.0	462.8	441.4	420.2	396.3	373.6	349.9	324.0	299.8	276.6	254.7
50°	505.8	484.7	462.4	438.7	414.7	390.3	365.9	340.5	315.1	289.8	266.6
52.5°	527.2	505.2	481.6	457.4	432.9	406.9	381.2	355.4	328.9	302.1	277.6
55°	547.2	524.7	500.6	475.0	449.0	422.8	396.6	369.6	341.4	314.1	288.3
57.5°	565.1	541.5	519.7	492.3	464.7	437.7	410.8	382.9	352.6	324.9	298.3
60°	584.0	557.3	534.0	508.1	480.4	451.9	423.2	394.8	363.3	334.9	307.8
62.5°	599.6	574.1	548.4	522.2	495.3	465.4	435.1	405.5	374.3	344.4	316.6
65°	614.0	588.3	561.8	535.0	506.7	476.0	446.0	415.5	384.7	353.9	325.0
67.5°	627.4	600.2	573.3	547.2	517.3	486.3	455.8	424.6	393.3	362.1	331.9
70°	639.5	611.8	585.1	556.6	526.8	496.3	465.0	432.8	400.9	369.6	338.6
72.5°	648.4	622.3	596.2	566.0	535.3	504.9	472.7	440.1	407.7	375.1	343.4
75°	656.7	630.3	603.2	573.6	543.4	512.2	478.9	446.7	414.2	380.0	347.7
77.5°	664.1	637.1	609.7	579.6	549.5	518.3	484.4	451.5	418.5	384.6	351.7
80°	669.8	642.5	614.9	584.6	553.4	522.8	489.6	455.4	421.9	388.9	355.5
82.5°	674.1	646.8	618.7	588.3	556.8	525.5	493.2	457.8	424.6	391.2	359.2
85°	676.3	649.8	621.2	590.7	559.9	528.1	497.2	460.4	427.8	393.6	361.0
87.5°	678.6	651.3	622.9	593.4	561.1	528.9	497.0	461.3	428.8	393.6	360.2
90°	679.7	650.8	622.9	594.9	560.6	529.9	496.5	462.2	429.7	393.6	359.3
92.5°	678.6	651.3	622.9	593.4	561.1	528.9	497.0	461.3	428.8	393.6	360.2
95°	676.3	649.8	621.2	590.7	559.9	528.1	497.2	460.4	427.8	393.6	361.0
97.5°	674.1	646.8	618.7	588.3	556.8	525.5	493.2	457.8	424.6	391.2	359.2
100°	669.8	642.5	614.9	584.6	553.4	522.8	489.6	455.4	421.9	388.9	355.5
102.5°	664.1	637.1	609.7	579.6	549.5	518.3	484.4	451.5	418.5	384.6	351.7
105°	656.7	630.3	603.2	573.6	543.4	512.2	478.9	446.7	414.2	380.0	347.7
107.5°	648.4	622.3	596.2	566.0	535.3	504.9	472.7	440.1	407.7	375.1	343.4
110°	639.5	611.8	585.1	556.6	526.8	496.3	465.0	432.8	400.9	369.6	338.6



TEST NUMBER: P232067

CATALOG NUMBER: FVS4WM-3-LD4-50-2LO-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	627.4	600.2	573.3	547.2	517.3	486.3	455.8	424.6	393.3	362.1	331.9
115°	614.0	588.3	561.8	535.0	506.7	476.0	446.0	415.5	384.7	353.9	325.0
117.5°	599.6	574.1	548.4	522.2	495.3	465.4	435.1	405.5	374.3	344.4	316.6
120°	584.0	557.3	534.0	508.1	480.4	451.9	423.2	394.8	363.3	334.9	307.8
122.5°	565.1	541.5	519.7	492.3	464.7	437.7	410.8	382.9	352.6	324.9	298.3
125°	547.2	524.7	500.6	475.0	449.0	422.8	396.6	369.6	341.4	314.1	288.3
127.5°	527.2	505.2	481.6	457.4	432.9	406.9	381.2	355.4	328.9	302.1	277.6
130°	505.8	484.7	462.4	438.7	414.7	390.3	365.9	340.5	315.1	289.8	266.6
132.5°	483.0	462.8	441.4	420.2	396.3	373.6	349.9	324.0	299.8	276.6	254.7
135°	459.3	440.3	419.5	397.9	375.9	354.6	331.6	307.2	284.5	263.0	242.8
137.5°	434.7	416.0	396.4	375.7	355.2	335.0	313.0	290.7	268.5	248.9	230.4
140°	408.9	391.3	372.2	352.6	333.5	313.7	293.2	272.8	252.7	234.3	217.4
142.5°	381.5	364.6	346.9	329.0	312.3	292.0	273.0	254.3	236.1	218.3	202.6
145°	353.2	337.6	321.0	303.8	287.2	270.1	252.8	236.2	218.7	202.4	187.6
147.5°	324.7	309.7	293.9	278.7	264.1	248.4	231.9	216.0	200.5	186.3	172.8
150°	295.0	280.8	267.1	254.1	240.3	225.2	210.0	196.4	183.0	170.1	157.8
152.5°	264.4	252.5	240.8	228.9	215.2	201.0	188.8	176.7	164.5	152.4	141.5
155°	234.4	223.3	212.2	200.7	188.7	177.8	167.3	156.5	145.5	134.1	125.4
157.5°	202.3	192.8	183.2	173.2	163.9	154.6	145.0	135.7	126.1	117.0	110.3
160°	171.2	163.0	154.7	147.4	139.6	131.5	123.5	115.3	106.8	100.9	95.1
162.5°	141.3	134.6	128.8	122.5	115.9	109.0	101.8	94.4	88.9	84.0	78.9
165°	113.4	108.2	103.6	97.7	92.1	86.3	80.0	75.7	71.5	67.2	62.7
167.5°	85.1	81.6	77.9	73.8	69.4	65.5	62.1	58.6	54.9	51.1	48.8
170°	61.0	58.0	55.0	52.5	49.9	47.2	44.3	41.3	38.2	36.7	35.4
172.5°	38.8	37.3	35.7	34.0	32.1	30.2	28.1	27.1	26.2	25.3	24.3
175°	21.2	19.9	18.7	18.1	17.5	16.9	16.2	15.5	14.8	14.0	13.2
177.5°	10.3	10.0	9.8	9.5	9.2	8.9	8.5	8.2	7.8	7.4	7.1
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232067

CATALOG NUMBER: FVS4WM-3-LD4-50-2LO-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
2.5°	6.7	6.2	5.8	5.4	5.4	5.3	5.3	5.3	5.2	5.1	5.1
5°	12.4	11.6	10.8	9.9	9.8	9.7	9.6	9.5	9.3	9.1	9.0
7.5°	23.3	22.2	21.1	19.9	19.6	19.3	18.9	18.5	18.0	17.5	17.0
10°	34.2	32.8	31.3	29.8	29.3	28.7	28.1	27.4	26.6	25.9	25.3
12.5°	47.2	45.4	43.5	41.6	40.9	40.2	39.3	38.4	37.4	36.5	35.6
15°	60.4	58.2	55.8	53.3	52.5	51.6	50.6	49.6	48.5	47.3	46.1
17.5°	74.5	71.8	68.9	65.9	65.0	64.0	62.8	61.6	60.3	58.9	57.4
20°	89.0	85.6	82.1	78.5	77.5	76.3	75.0	73.7	72.3	70.8	68.8
22.5°	103.2	98.4	94.9	91.2	89.8	88.4	86.9	85.6	84.0	82.1	79.9
25°	117.4	111.0	107.5	103.8	102.2	100.4	98.8	97.3	95.6	93.3	90.9
27.5°	132.8	124.7	120.5	116.0	114.2	112.2	110.6	108.8	106.7	104.4	101.8
30°	148.2	138.5	133.5	128.2	126.3	124.1	122.2	120.1	117.8	115.3	112.5
32.5°	161.7	151.3	145.2	139.5	137.4	135.2	133.2	131.0	128.5	125.8	122.8
35°	174.8	164.0	156.8	150.7	148.5	146.2	144.1	141.8	139.2	136.1	132.7
37.5°	188.0	176.0	167.8	161.6	159.0	156.5	154.3	151.9	149.3	145.9	142.2
40°	201.3	188.0	178.6	172.4	169.4	166.7	164.4	161.9	159.0	155.5	151.4
42.5°	213.2	199.3	188.8	181.9	179.1	176.3	173.7	171.1	167.9	164.3	160.1
45°	225.2	210.4	198.9	191.4	188.7	185.8	182.9	180.2	176.5	172.5	168.5
47.5°	236.8	220.9	208.3	200.4	197.3	194.2	191.3	188.7	184.8	180.8	176.7
50°	248.2	231.4	217.7	209.4	205.9	202.6	199.7	196.9	193.2	189.0	184.2
52.5°	257.4	239.8	225.6	217.1	213.4	210.4	207.5	204.3	200.5	196.1	191.2
55°	266.3	248.0	233.6	224.8	221.0	218.2	215.1	211.4	207.2	202.7	197.8
57.5°	275.0	255.7	240.6	231.6	227.7	224.6	221.6	218.0	213.6	209.0	204.2
60°	283.5	263.4	247.6	238.3	234.3	230.9	228.0	224.4	219.9	215.1	210.0
62.5°	291.5	269.8	253.7	244.2	239.7	236.6	233.5	229.7	225.2	220.4	214.9
65°	299.4	276.1	259.8	250.0	245.1	242.2	238.9	234.8	230.3	225.3	219.6
67.5°	305.2	281.3	264.5	254.6	249.5	246.7	243.3	239.1	234.7	229.5	223.6
70°	310.7	286.5	269.2	259.1	254.0	251.1	247.7	243.4	238.9	233.2	227.4
72.5°	315.2	290.6	272.5	262.3	257.5	254.3	250.8	246.5	242.0	236.2	230.6
75°	319.4	294.7	276.2	265.4	261.0	257.5	253.9	249.5	244.9	239.0	233.4
77.5°	323.0	297.8	278.4	267.7	263.2	259.7	256.5	251.7	247.1	241.1	235.3
80°	326.4	301.5	280.7	269.9	265.5	261.9	259.1	253.9	249.2	243.1	236.8
82.5°	328.6	302.4	281.6	271.3	266.3	263.2	260.1	255.2	250.2	244.3	238.0
85°	329.5	303.3	282.5	272.6	267.2	264.5	260.9	256.4	251.0	245.5	239.2
87.5°	329.1	303.7	283.4	273.1	267.7	265.0	261.4	256.4	251.4	245.5	239.7
90°	328.6	304.2	284.3	273.5	268.1	265.4	261.8	256.4	251.8	245.5	240.1
92.5°	329.1	303.7	283.4	273.1	267.7	265.0	261.4	256.4	251.4	245.5	239.7
95°	329.5	303.3	282.5	272.6	267.2	264.5	260.9	256.4	251.0	245.5	239.2
97.5°	328.6	302.4	281.6	271.3	266.3	263.2	260.1	255.2	250.2	244.3	238.0
100°	326.4	301.5	280.7	269.9	265.5	261.9	259.1	253.9	249.2	243.1	236.8
102.5°	323.0	297.8	278.4	267.7	263.2	259.7	256.5	251.7	247.1	241.1	235.3
105°	319.4	294.7	276.2	265.4	261.0	257.5	253.9	249.5	244.9	239.0	233.4
107.5°	315.2	290.6	272.5	262.3	257.5	254.3	250.8	246.5	242.0	236.2	230.6
110°	310.7	286.5	269.2	259.1	254.0	251.1	247.7	243.4	238.9	233.2	227.4



TEST NUMBER: P232067

CATALOG NUMBER: FVS4WM-3-LD4-50-2LO-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
112.5°	305.2	281.3	264.5	254.6	249.5	246.7	243.3	239.1	234.7	229.5	223.6
115°	299.4	276.1	259.8	250.0	245.1	242.2	238.9	234.8	230.3	225.3	219.6
117.5°	291.5	269.8	253.7	244.2	239.7	236.6	233.5	229.7	225.2	220.4	214.9
120°	283.5	263.4	247.6	238.3	234.3	230.9	228.0	224.4	219.9	215.1	210.0
122.5°	275.0	255.7	240.6	231.5	227.7	224.6	221.6	218.0	213.6	209.0	204.2
125°	266.3	248.0	233.6	224.8	221.0	218.2	215.1	211.4	207.2	202.7	197.8
127.5°	257.4	239.8	225.6	217.1	213.4	210.4	207.5	204.3	200.5	196.1	191.2
130°	248.2	231.4	217.7	209.4	205.9	202.6	199.7	196.9	193.2	189.0	184.2
132.5°	236.8	220.9	208.3	200.4	197.3	194.2	191.3	188.7	184.8	180.8	176.7
135°	225.2	210.4	198.9	191.4	188.7	185.8	182.9	180.2	176.5	172.5	168.5
137.5°	213.2	199.3	188.8	181.9	179.1	176.3	173.7	171.1	167.9	164.3	160.1
140°	201.3	188.0	178.6	172.4	169.4	166.7	164.4	161.9	159.0	155.5	151.4
142.5°	188.0	176.0	167.8	161.6	159.0	156.5	154.3	151.9	149.3	145.9	142.2
145°	174.8	164.0	156.8	150.7	148.5	146.2	144.1	141.8	139.2	136.1	132.7
147.5°	161.7	151.3	145.2	139.5	137.4	135.2	133.2	131.0	128.5	125.8	122.8
150°	148.2	138.5	133.5	128.2	126.3	124.1	122.2	120.1	117.8	115.3	112.5
152.5°	132.8	124.7	120.5	116.0	114.2	112.2	110.6	108.8	106.7	104.4	101.8
155°	117.4	111.0	107.5	103.8	102.2	100.4	98.8	97.3	95.6	93.3	90.9
157.5°	103.2	98.4	94.9	91.2	89.8	88.4	86.9	85.6	84.0	82.1	79.9
160°	89.0	85.6	82.1	78.5	77.5	76.3	75.0	73.7	72.3	70.8	68.8
162.5°	74.5	71.8	68.9	65.9	65.0	64.0	62.8	61.6	60.3	58.9	57.4
165°	60.4	58.2	55.8	53.3	52.5	51.6	50.6	49.6	48.5	47.3	46.1
167.5°	47.2	45.4	43.5	41.6	40.9	40.2	39.3	38.4	37.4	36.5	35.6
170°	34.2	32.8	31.3	29.8	29.3	28.7	28.1	27.4	26.6	25.9	25.3
172.5°	23.3	22.2	21.1	19.8	19.6	19.3	18.9	18.5	18.0	17.5	17.0
175°	12.4	11.6	10.8	9.9	9.8	9.7	9.6	9.5	9.3	9.1	9.0
177.5°	6.7	6.2	5.8	5.4	5.4	5.3	5.3	5.3	5.2	5.1	5.1
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232067

CATALOG NUMBER: FVS4WM-3-LD4-50-2LO-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
2.5°	5.0	4.9	4.8	4.7	4.6	4.5	4.4	4.3	4.1	4.0	3.9
5°	8.8	8.6	8.4	8.2	7.9	7.7	7.4	7.2	6.9	6.6	6.4
7.5°	16.4	15.9	15.3	14.7	14.0	13.3	12.5	11.7	10.9	10.1	9.2
10°	24.6	23.9	23.2	22.3	21.4	20.5	19.6	18.6	17.6	16.5	15.4
12.5°	34.5	33.4	32.2	31.0	29.7	28.3	26.8	25.2	23.7	22.2	20.7
15°	44.8	43.5	42.2	40.7	39.1	37.2	35.1	33.0	30.8	28.6	26.5
17.5°	55.8	54.1	52.4	50.2	47.9	45.4	42.9	40.8	38.5	36.2	33.8
20°	66.8	64.7	62.4	60.0	57.4	54.8	52.1	49.5	46.7	43.6	40.7
22.5°	77.5	75.2	72.7	70.1	67.1	64.1	61.0	57.9	54.7	51.4	47.8
25°	88.4	85.7	82.9	79.8	76.5	73.2	69.9	66.4	62.6	58.8	54.8
27.5°	99.0	96.0	92.8	89.5	86.0	82.4	78.6	74.6	70.4	66.0	61.5
30°	109.5	106.1	102.5	98.8	95.0	91.1	87.1	82.8	78.0	73.2	68.4
32.5°	119.5	115.8	111.9	107.8	103.8	99.7	95.3	90.4	85.3	80.5	75.4
35°	129.0	125.1	121.0	116.8	112.6	108.2	103.3	98.1	92.6	87.2	81.8
37.5°	138.4	134.4	130.2	125.8	121.1	116.0	110.7	105.2	99.5	93.8	88.0
40°	147.2	143.0	138.6	133.9	128.9	123.6	118.4	112.5	106.2	100.2	94.3
42.5°	155.8	151.6	146.7	141.6	136.2	130.9	125.4	118.9	112.4	106.3	99.9
45°	164.0	159.3	154.3	148.9	143.5	138.0	131.7	125.2	118.9	112.2	105.6
47.5°	171.9	167.1	161.8	155.9	150.4	144.4	137.9	131.6	124.9	117.4	110.5
50°	178.9	174.0	168.4	162.7	157.2	150.9	144.0	136.9	129.6	122.7	116.0
52.5°	186.0	181.0	175.2	169.2	162.9	156.2	149.1	141.9	134.7	127.8	120.0
55°	192.6	187.1	181.2	175.0	168.3	161.4	154.2	146.8	139.5	132.0	124.3
57.5°	198.8	193.1	187.0	180.3	173.4	166.4	159.0	151.5	144.0	135.9	128.1
60°	204.2	198.1	191.7	185.1	178.3	171.3	163.6	155.7	147.6	139.6	131.7
62.5°	209.2	203.0	196.5	189.8	182.9	175.4	167.3	159.4	151.3	143.2	134.4
65°	213.5	207.5	201.0	193.9	186.9	179.0	171.1	163.2	154.7	145.7	136.9
67.5°	217.6	211.7	205.0	197.8	190.4	182.5	174.7	166.5	157.5	148.2	139.4
70°	221.4	214.8	207.7	200.4	193.1	185.5	177.8	169.5	160.3	150.7	141.4
72.5°	224.6	217.7	210.4	203.1	195.8	188.0	179.5	170.7	162.0	152.6	143.3
75°	227.2	220.2	212.9	205.2	197.7	189.8	181.1	172.3	163.6	154.4	144.8
77.5°	229.1	222.3	214.9	207.1	199.5	191.7	182.9	173.7	164.6	155.5	145.8
80°	230.5	224.1	216.3	208.7	200.9	192.3	183.7	174.8	165.4	156.3	146.5
82.5°	231.7	225.1	217.4	209.8	201.8	193.1	184.7	175.8	166.0	156.8	146.3
85°	232.9	225.8	218.4	210.4	202.3	194.1	185.1	176.1	166.3	156.6	146.4
87.5°	233.0	225.8	218.5	210.8	202.3	194.6	185.5	176.2	166.6	156.7	146.7
90°	232.9	225.7	218.4	211.2	202.2	195.0	186.0	176.0	167.0	157.1	147.1
92.5°	233.0	225.8	218.5	210.8	202.3	194.6	185.5	176.2	166.6	156.7	146.7
95°	232.9	225.8	218.4	210.4	202.3	194.1	185.1	176.1	166.3	156.6	146.4
97.5°	231.7	225.1	217.4	209.8	201.8	193.1	184.7	175.8	166.0	156.8	146.3
100°	230.5	224.1	216.3	208.7	200.9	192.3	183.7	174.8	165.4	156.3	146.5
102.5°	229.1	222.3	214.9	207.1	199.5	191.7	182.9	173.7	164.6	155.5	145.8
105°	227.2	220.2	212.9	205.2	197.7	189.8	181.1	172.3	163.6	154.4	144.8
107.5°	224.6	217.7	210.4	203.1	195.8	188.0	179.5	170.7	162.0	152.6	143.3
110°	221.4	214.8	207.7	200.4	193.1	185.5	177.8	169.5	160.3	150.7	141.4



TEST NUMBER: P232067

CATALOG NUMBER: FVS4WM-3-LD4-50-2LO-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	217.6	211.7	205.0	197.8	190.4	182.5	174.7	166.5	157.5	148.2	139.4
115°	213.5	207.5	201.0	193.9	186.9	179.0	171.1	163.2	154.7	145.7	136.9
117.5°	209.2	203.0	196.5	189.8	182.9	175.4	167.3	159.4	151.3	143.2	134.4
120°	204.2	198.1	191.7	185.1	178.3	171.3	163.6	155.7	147.6	139.6	131.7
122.5°	198.8	193.1	187.0	180.3	173.4	166.4	159.0	151.5	144.0	135.9	128.1
125°	192.6	187.1	181.2	175.0	168.3	161.4	154.2	146.8	139.5	132.0	124.3
127.5°	186.0	181.0	175.2	169.2	162.9	156.2	149.1	141.9	134.7	127.8	120.0
130°	178.9	174.0	168.4	162.7	157.2	150.9	144.0	136.9	129.6	122.7	116.0
132.5°	171.9	167.1	161.8	155.9	150.4	144.4	137.9	131.6	124.9	117.4	110.5
135°	164.0	159.3	154.3	148.9	143.5	138.0	131.7	125.2	118.9	112.2	105.6
137.5°	155.8	151.6	146.7	141.6	136.2	130.9	125.4	118.9	112.4	106.3	99.9
140°	147.2	143.0	138.6	133.9	128.9	123.6	118.4	112.5	106.2	100.2	94.3
142.5°	138.4	134.4	130.2	125.8	121.1	116.0	110.7	105.2	99.5	93.8	88.0
145°	129.0	125.1	121.0	116.8	112.6	108.2	103.3	98.1	92.6	87.2	81.8
147.5°	119.5	115.8	111.9	107.8	103.8	99.7	95.3	90.4	85.3	80.5	75.4
150°	109.5	106.1	102.5	98.8	95.0	91.1	87.1	82.8	78.0	73.2	68.4
152.5°	99.0	96.0	92.8	89.5	86.0	82.4	78.6	74.6	70.4	66.0	61.5
155°	88.4	85.7	82.9	79.8	76.5	73.2	69.9	66.4	62.6	58.8	54.8
157.5°	77.5	75.2	72.7	70.1	67.1	64.1	61.0	57.9	54.7	51.4	47.8
160°	66.8	64.7	62.4	60.0	57.4	54.8	52.1	49.5	46.7	43.6	40.7
162.5°	55.8	54.1	52.4	50.2	47.9	45.4	42.9	40.8	38.5	36.2	33.8
165°	44.8	43.5	42.2	40.7	39.1	37.2	35.1	33.0	30.8	28.6	26.5
167.5°	34.5	33.4	32.2	31.0	29.7	28.3	26.8	25.2	23.7	22.2	20.7
170°	24.6	23.9	23.2	22.3	21.4	20.5	19.6	18.6	17.6	16.5	15.4
172.5°	16.4	15.9	15.3	14.7	14.0	13.3	12.5	11.7	10.9	10.1	9.2
175°	8.8	8.6	8.4	8.2	7.9	7.7	7.4	7.2	6.9	6.6	6.4
177.5°	5.0	4.9	4.8	4.7	4.6	4.5	4.4	4.3	4.1	4.0	3.9
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232067

CATALOG NUMBER: FVS4WM-3-LD4-50-2LO-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
2.5°	3.7	3.6	3.4	3.3	3.1	3.0	2.8	2.6	2.5	2.3	2.1
5°	6.1	5.8	5.5	5.2	4.9	4.6	4.3	4.0	3.7	3.4	3.1
7.5°	8.1	7.9	7.5	7.1	6.7	6.3	5.9	5.5	5.1	4.6	4.2
10°	14.3	13.1	11.8	10.5	9.2	7.7	7.1	6.6	6.0	5.4	4.8
12.5°	19.2	17.6	16.0	14.4	12.9	11.2	9.6	7.9	6.5	5.8	5.2
15°	24.3	22.2	20.4	18.6	16.7	14.8	12.9	10.9	9.0	7.0	5.9
17.5°	31.2	28.5	25.8	23.0	20.6	18.5	16.2	14.0	11.7	9.3	7.0
20°	37.7	34.7	31.6	28.5	25.3	22.1	19.3	16.8	14.2	11.7	9.1
22.5°	44.2	40.6	37.1	33.7	30.2	26.6	23.1	19.5	16.6	13.7	10.8
25°	50.8	46.7	42.6	38.5	34.6	30.7	26.6	22.4	18.4	15.3	12.3
27.5°	57.1	52.7	48.2	43.7	39.2	34.7	30.4	26.0	21.6	16.9	14.0
30°	63.5	58.5	53.7	49.0	44.1	39.1	34.0	29.3	24.7	19.8	15.1
32.5°	70.1	64.8	59.6	53.9	48.8	43.2	37.5	31.6	26.7	21.7	16.8
35°	76.2	70.4	64.6	58.7	52.6	46.5	40.8	35.1	29.3	24.1	19.0
37.5°	82.1	75.8	69.3	63.1	56.9	50.9	44.9	38.5	32.2	26.3	20.8
40°	88.0	81.2	74.5	67.7	61.1	54.5	47.7	41.1	34.6	28.1	21.9
42.5°	93.3	86.3	79.2	72.1	65.1	58.0	51.0	44.1	37.3	30.5	23.7
45°	98.3	91.0	83.8	76.3	68.9	61.6	54.3	47.0	39.7	32.2	25.0
47.5°	103.2	95.9	88.3	80.4	72.6	64.9	57.3	49.7	41.8	33.7	26.5
50°	108.0	100.1	92.3	84.4	76.2	68.1	60.1	51.8	43.7	35.3	27.2
52.5°	112.0	103.8	96.0	87.8	79.6	70.9	62.1	53.5	45.1	36.5	28.1
55°	116.2	107.7	99.6	91.1	82.3	73.2	64.4	55.2	45.8	37.0	28.8
57.5°	119.7	111.0	102.7	93.8	85.1	75.6	66.3	56.4	46.8	37.8	29.4
60°	122.6	113.9	105.1	95.7	87.0	77.4	67.6	57.8	48.1	38.0	29.5
62.5°	125.4	116.5	107.1	98.2	89.1	79.0	68.6	58.2	48.4	38.7	30.1
65°	128.0	118.8	109.3	100.2	90.7	80.5	69.8	58.7	48.5	38.7	29.8
67.5°	130.3	120.9	110.9	101.5	91.9	81.9	70.6	59.9	48.9	39.2	30.0
70°	131.9	122.4	112.5	102.8	92.8	82.4	71.2	60.1	48.7	38.9	29.6
72.5°	133.0	123.9	113.9	103.8	94.0	83.5	72.7	60.3	49.5	38.7	28.9
75°	134.6	125.3	114.8	104.5	94.3	83.9	72.9	60.8	48.8	38.1	28.6
77.5°	135.7	125.8	115.2	104.9	94.5	84.0	73.3	62.3	49.5	37.9	27.9
80°	136.0	125.7	115.2	104.8	94.6	84.2	73.2	62.2	50.1	37.6	27.2
82.5°	136.1	125.6	115.1	104.7	94.0	83.1	72.3	61.4	50.6	38.6	26.7
85°	136.0	125.6	115.5	104.5	93.7	82.8	71.3	60.4	50.0	39.0	27.1
87.5°	135.9	125.8	115.6	104.3	93.3	82.5	70.8	59.9	48.4	37.6	26.9
90°	136.3	125.5	114.6	104.7	92.1	81.2	70.4	60.5	47.8	37.0	26.2
92.5°	135.9	125.8	115.6	104.3	93.3	82.5	70.8	59.9	48.4	37.6	26.9
95°	136.0	125.6	115.5	104.5	93.7	82.8	71.3	60.4	50.0	39.0	27.1
97.5°	136.1	125.6	115.1	104.7	94.0	83.1	72.3	61.4	50.6	38.6	26.7
100°	136.0	125.7	115.2	104.8	94.6	84.2	73.2	62.2	50.1	37.6	27.2
102.5°	135.7	125.8	115.2	104.9	94.5	84.0	73.3	62.3	49.5	37.9	27.9
105°	134.6	125.3	114.8	104.5	94.3	83.9	72.9	60.8	48.8	38.1	28.6
107.5°	133.0	123.9	113.9	103.8	94.0	83.5	72.7	60.3	49.5	38.7	28.9
110°	131.9	122.4	112.5	102.8	92.8	82.4	71.2	60.1	48.7	38.9	29.6





TEST NUMBER: P232067

CATALOG NUMBER: FVS4WM-3-LD4-50-2LO-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
112.5°	130.3	120.9	110.9	101.5	91.9	81.9	70.6	59.9	48.9	39.2	30.0
115°	128.0	118.8	109.3	100.2	90.7	80.5	69.8	58.7	48.5	38.7	29.8
117.5°	125.4	116.5	107.1	98.2	89.1	79.0	68.6	58.2	48.4	38.7	30.1
120°	122.6	113.9	105.1	95.7	87.0	77.4	67.6	57.8	48.1	38.0	29.5
122.5°	119.7	111.0	102.7	93.8	85.1	75.6	66.3	56.4	46.8	37.8	29.4
125°	116.2	107.7	99.6	91.1	82.3	73.2	64.4	55.2	45.8	37.0	28.8
127.5°	112.0	103.8	96.0	87.8	79.6	70.9	62.1	53.5	45.1	36.5	28.1
130°	108.0	100.1	92.3	84.4	76.2	68.1	60.1	51.8	43.7	35.3	27.2
132.5°	103.2	95.9	88.3	80.4	72.6	64.9	57.3	49.7	41.8	33.7	26.5
135°	98.3	91.0	83.8	76.3	68.9	61.6	54.3	47.0	39.7	32.2	25.0
137.5°	93.3	86.3	79.2	72.1	65.1	58.0	51.0	44.1	37.3	30.5	23.7
140°	88.0	81.2	74.5	67.7	61.1	54.5	47.7	41.1	34.6	28.1	21.9
142.5°	82.1	75.8	69.3	63.1	56.9	50.9	44.9	38.5	32.2	26.3	20.8
145°	76.2	70.4	64.6	58.7	52.6	46.5	40.8	35.1	29.3	24.1	19.0
147.5°	70.1	64.8	59.6	53.9	48.8	43.2	37.5	31.6	26.7	21.7	16.8
150°	63.5	58.5	53.7	49.0	44.1	39.1	34.0	29.3	24.7	19.8	15.1
152.5°	57.1	52.7	48.2	43.7	39.2	34.7	30.4	26.0	21.6	16.9	14.0
155°	50.8	46.7	42.6	38.5	34.6	30.7	26.6	22.4	18.4	15.3	12.3
157.5°	44.2	40.6	37.1	33.7	30.2	26.6	23.1	19.5	16.6	13.7	10.8
160°	37.7	34.7	31.6	28.5	25.3	22.1	19.3	16.8	14.2	11.7	9.1
162.5°	31.2	28.5	25.8	23.0	20.6	18.5	16.2	14.0	11.7	9.3	7.0
165°	24.3	22.2	20.4	18.6	16.7	14.8	12.9	10.9	9.0	7.0	5.9
167.5°	19.2	17.6	16.0	14.4	12.9	11.2	9.6	7.9	6.5	5.8	5.2
170°	14.3	13.1	11.8	10.5	9.2	7.7	7.1	6.6	6.0	5.4	4.8
172.5°	8.1	7.9	7.5	7.1	6.7	6.3	5.9	5.5	5.1	4.6	4.2
175°	6.1	5.8	5.5	5.2	4.9	4.6	4.3	4.0	3.7	3.4	3.1
177.5°	3.7	3.6	3.4	3.3	3.1	3.0	2.8	2.6	2.5	2.3	2.1
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232067

CATALOG NUMBER: FVS4WM-3-LD4-50-2LO-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
2.5°	2.0	1.8	1.6	1.4	1.3	1.1	0.9	1.1	1.3	1.4	1.6
5°	2.8	2.5	2.2	1.8	1.5	1.2	0.9	1.2	1.5	1.8	2.2
7.5°	3.7	3.3	2.8	2.3	1.8	1.4	0.9	1.4	1.8	2.3	2.8
10°	4.3	3.7	3.1	2.6	2.0	1.5	0.9	1.5	2.0	2.6	3.1
12.5°	4.5	3.9	3.3	2.7	2.1	1.5	0.9	1.5	2.1	2.7	3.3
15°	5.2	4.5	3.8	3.1	2.3	1.6	0.9	1.6	2.3	3.1	3.8
17.5°	5.3	4.5	3.8	3.0	2.3	1.6	0.9	1.6	2.3	3.0	3.8
20°	6.5	5.0	4.2	3.3	2.5	1.7	0.9	1.7	2.5	3.3	4.2
22.5°	7.9	5.0	4.0	3.2	2.4	1.6	0.9	1.6	2.4	3.2	4.0
25°	9.4	6.5	4.2	3.4	2.6	1.7	0.9	1.7	2.6	3.4	4.2
27.5°	10.7	7.5	4.2	3.1	2.3	1.6	0.9	1.6	2.3	3.1	4.2
30°	11.7	8.4	5.2	3.2	2.5	1.7	0.9	1.7	2.5	3.2	5.2
32.5°	12.6	9.2	5.7	2.7	2.1	1.5	0.9	1.5	2.1	2.7	5.7
35°	13.9	10.1	6.6	3.1	2.2	1.5	0.9	1.5	2.2	3.1	6.6
37.5°	15.4	10.5	6.8	3.2	1.6	1.3	0.9	1.3	1.6	3.2	6.8
40°	16.5	11.1	7.3	3.9	1.7	1.3	0.9	1.3	1.7	3.9	7.3
42.5°	17.7	12.0	7.4	4.2	1.7	1.3	0.9	1.3	1.7	4.2	7.4
45°	18.3	12.7	7.3	4.5	1.8	1.3	0.9	1.3	1.8	4.5	7.3
47.5°	19.6	13.5	8.1	4.4	1.5	0.9	0.9	0.9	1.5	4.4	8.1
50°	20.1	13.4	8.1	4.0	1.6	0.9	0.9	0.9	1.6	4.0	8.1
52.5°	20.5	13.6	8.2	3.6	1.7	0.9	0.9	0.9	1.7	3.6	8.2
55°	20.8	14.2	8.4	3.7	1.7	0.9	0.9	0.9	1.7	3.7	8.4
57.5°	21.6	14.7	8.5	4.3	1.9	0.9	0.9	0.9	1.9	4.3	8.5
60°	21.7	14.9	8.7	4.2	1.6	0.9	0.9	0.9	1.6	4.2	8.7
62.5°	21.9	14.6	8.3	3.8	1.7	0.9	0.9	0.9	1.7	3.8	8.3
65°	22.0	14.7	8.1	3.6	1.3	0.9	0.9	0.9	1.3	3.6	8.1
67.5°	22.0	14.6	8.2	3.8	1.3	0.9	0.9	0.9	1.3	3.8	8.2
70°	21.7	14.1	7.5	3.5	1.5	0.9	0.9	0.9	1.5	3.5	7.5
72.5°	21.1	13.8	7.6	3.3	1.2	0.9	0.9	0.9	1.2	3.3	7.6
75°	20.2	13.4	7.6	2.8	1.1	0.9	0.9	0.9	1.1	2.8	7.6
77.5°	19.0	11.7	6.4	2.3	0.4	0.1	0.0	0.1	0.4	2.3	6.4
80°	18.0	10.7	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5
82.5°	16.7	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	15.9	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	16.3	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	15.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	16.3	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	15.9	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	16.7	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	18.0	10.7	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5
102.5°	19.0	11.7	6.4	2.3	0.4	0.1	0.0	0.1	0.4	2.3	6.4
105°	20.2	13.4	7.6	2.8	1.1	0.9	0.9	0.9	1.1	2.8	7.6
107.5°	21.1	13.8	7.6	3.3	1.2	0.9	0.9	0.9	1.2	3.3	7.6
110°	21.7	14.1	7.5	3.5	1.5	0.9	0.9	0.9	1.5	3.5	7.5



TEST NUMBER: P232067

CATALOG NUMBER: FVS4WM-3-LD4-50-2LO-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	22.0	14.6	8.2	3.8	1.3	0.9	0.9	0.9	1.3	3.8	8.2
115°	22.0	14.7	8.1	3.6	1.3	0.9	0.9	0.9	1.3	3.6	8.1
117.5°	21.9	14.6	8.3	3.8	1.7	0.9	0.9	0.9	1.7	3.8	8.3
120°	21.7	14.9	8.7	4.2	1.6	0.9	0.9	0.9	1.6	4.2	8.7
122.5°	21.6	14.7	8.5	4.3	1.9	0.9	0.9	0.9	1.9	4.3	8.5
125°	20.8	14.2	8.4	3.7	1.7	0.9	0.9	0.9	1.7	3.7	8.4
127.5°	20.5	13.6	8.2	3.6	1.7	0.9	0.9	0.9	1.7	3.6	8.2
130°	20.1	13.4	8.1	4.0	1.6	0.9	0.9	0.9	1.6	4.0	8.1
132.5°	19.6	13.5	8.1	4.4	1.5	0.9	0.9	0.9	1.5	4.4	8.1
135°	18.3	12.7	7.3	4.5	1.8	1.3	0.9	1.3	1.8	4.5	7.3
137.5°	17.7	12.0	7.4	4.2	1.7	1.3	0.9	1.3	1.7	4.2	7.4
140°	16.5	11.1	7.3	3.9	1.7	1.3	0.9	1.3	1.7	3.9	7.3
142.5°	15.4	10.5	6.8	3.2	1.6	1.3	0.9	1.3	1.6	3.2	6.8
145°	13.9	10.1	6.6	3.1	2.2	1.5	0.9	1.5	2.2	3.1	6.6
147.5°	12.6	9.2	5.7	2.7	2.1	1.5	0.9	1.5	2.1	2.7	5.7
150°	11.7	8.4	5.2	3.2	2.5	1.7	0.9	1.7	2.5	3.2	5.2
152.5°	10.7	7.5	4.2	3.1	2.3	1.6	0.9	1.6	2.3	3.1	4.2
155°	9.4	6.5	4.2	3.4	2.6	1.7	0.9	1.7	2.6	3.4	4.2
157.5°	7.9	5.0	4.0	3.2	2.4	1.6	0.9	1.6	2.4	3.2	4.0
160°	6.5	5.0	4.2	3.3	2.5	1.7	0.9	1.7	2.5	3.3	4.2
162.5°	5.3	4.5	3.8	3.0	2.3	1.6	0.9	1.6	2.3	3.0	3.8
165°	5.2	4.5	3.8	3.1	2.3	1.6	0.9	1.6	2.3	3.1	3.8
167.5°	4.5	3.9	3.3	2.7	2.1	1.5	0.9	1.5	2.1	2.7	3.3
170°	4.3	3.7	3.1	2.6	2.0	1.5	0.9	1.5	2.0	2.6	3.1
172.5°	3.7	3.3	2.8	2.3	1.8	1.4	0.9	1.4	1.8	2.3	2.8
175°	2.8	2.5	2.2	1.8	1.5	1.2	0.9	1.2	1.5	1.8	2.2
177.5°	2.0	1.8	1.6	1.4	1.3	1.1	0.9	1.1	1.3	1.4	1.6
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232067

CATALOG NUMBER: FVS4WM-3-LD4-50-2LO-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
2.5°	1.8	2.0	2.1	2.3	2.5	2.6	2.8	3.0	3.1	3.3	3.4
5°	2.5	2.8	3.1	3.4	3.7	4.0	4.3	4.6	4.9	5.2	5.5
7.5°	3.3	3.7	4.2	4.6	5.1	5.5	5.9	6.3	6.7	7.1	7.5
10°	3.7	4.3	4.8	5.4	6.0	6.6	7.1	7.7	9.2	10.5	11.8
12.5°	3.9	4.5	5.2	5.8	6.5	7.9	9.6	11.2	12.9	14.4	16.0
15°	4.5	5.2	5.9	7.0	9.0	10.9	12.9	14.8	16.7	18.6	20.4
17.5°	4.5	5.3	7.0	9.3	11.7	14.0	16.2	18.5	20.6	23.0	25.8
20°	5.0	6.5	9.1	11.7	14.2	16.8	19.3	22.1	25.3	28.5	31.6
22.5°	5.0	7.9	10.8	13.7	16.6	19.5	23.1	26.6	30.2	33.7	37.1
25°	6.5	9.4	12.3	15.3	18.4	22.4	26.6	30.7	34.6	38.5	42.6
27.5°	7.5	10.7	14.0	16.9	21.6	26.0	30.4	34.7	39.2	43.7	48.2
30°	8.4	11.7	15.1	19.8	24.7	29.3	34.0	39.1	44.1	49.0	53.7
32.5°	9.2	12.6	16.8	21.7	26.7	31.6	37.5	43.2	48.8	53.9	59.6
35°	10.1	13.9	19.0	24.1	29.3	35.1	40.8	46.5	52.6	58.7	64.6
37.5°	10.5	15.4	20.8	26.3	32.2	38.5	44.9	50.9	56.9	63.1	69.3
40°	11.1	16.5	21.9	28.1	34.6	41.1	47.7	54.5	61.1	67.7	74.5
42.5°	12.0	17.7	23.7	30.5	37.3	44.1	51.0	58.0	65.1	72.1	79.2
45°	12.7	18.3	25.0	32.2	39.7	47.0	54.3	61.6	68.9	76.3	83.8
47.5°	13.5	19.6	26.5	33.7	41.8	49.7	57.3	64.9	72.6	80.4	88.3
50°	13.4	20.1	27.2	35.3	43.7	51.8	60.1	68.1	76.2	84.4	92.3
52.5°	13.6	20.5	28.1	36.5	45.1	53.5	62.1	70.9	79.6	87.8	96.0
55°	14.2	20.8	28.8	37.0	45.8	55.2	64.4	73.2	82.3	91.1	99.6
57.5°	14.7	21.6	29.4	37.8	46.8	56.4	66.3	75.6	85.1	93.8	102.7
60°	14.9	21.7	29.5	38.0	48.1	57.8	67.6	77.4	87.0	95.7	105.1
62.5°	14.6	21.9	30.1	38.7	48.4	58.2	68.6	79.0	89.1	98.2	107.1
65°	14.7	22.0	29.8	38.7	48.5	58.7	69.8	80.5	90.7	100.2	109.3
67.5°	14.6	22.0	30.0	39.2	48.9	59.9	70.6	81.9	91.9	101.5	110.9
70°	14.1	21.7	29.6	38.9	48.7	60.1	71.2	82.4	92.8	102.8	112.5
72.5°	13.8	21.1	28.9	38.7	49.5	60.3	72.7	83.5	94.0	103.8	113.9
75°	13.4	20.2	28.6	38.1	48.8	60.8	72.9	83.9	94.3	104.5	114.8
77.5°	11.7	19.0	27.9	37.9	49.5	62.3	73.3	84.0	94.5	104.9	115.2
80°	10.7	18.0	27.2	37.6	50.1	62.2	73.2	84.2	94.6	104.8	115.2
82.5°	7.9	16.7	26.7	38.6	50.6	61.4	72.3	83.1	94.0	104.7	115.1
85°	4.6	15.9	27.1	39.0	50.0	60.4	71.3	82.8	93.7	104.5	115.5
87.5°	1.4	16.3	26.9	37.6	48.4	59.9	70.8	82.5	93.3	104.3	115.6
90°	0.0	15.3	26.2	37.0	47.8	60.5	70.4	81.2	92.1	104.7	114.6
92.5°	1.4	16.3	26.9	37.6	48.4	59.9	70.8	82.5	93.3	104.3	115.6
95°	4.6	15.9	27.1	39.0	50.0	60.4	71.3	82.8	93.7	104.5	115.5
97.5°	7.9	16.7	26.7	38.6	50.6	61.4	72.3	83.1	94.0	104.7	115.1
100°	10.7	18.0	27.2	37.6	50.1	62.2	73.2	84.2	94.6	104.8	115.2
102.5°	11.7	19.0	27.9	37.9	49.5	62.3	73.3	84.0	94.5	104.9	115.2
105°	13.4	20.2	28.6	38.1	48.8	60.8	72.9	83.9	94.3	104.5	114.8
107.5°	13.8	21.1	28.9	38.7	49.5	60.3	72.7	83.5	94.0	103.8	113.9
110°	14.1	21.7	29.6	38.9	48.7	60.1	71.2	82.4	92.8	102.8	112.5



TEST NUMBER: P232067

CATALOG NUMBER: FVS4WM-3-LD4-50-2LO-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
112.5°	14.6	22.0	30.0	39.2	48.9	59.9	70.6	81.9	91.9	101.5	110.9
115°	14.7	22.0	29.8	38.7	48.5	58.7	69.8	80.5	90.7	100.2	109.3
117.5°	14.6	21.9	30.1	38.7	48.4	58.2	68.6	79.0	89.1	98.2	107.1
120°	14.9	21.7	29.5	38.0	48.1	57.8	67.6	77.4	87.0	95.7	105.1
122.5°	14.7	21.6	29.4	37.8	46.8	56.4	66.3	75.6	85.1	93.8	102.7
125°	14.2	20.8	28.8	37.0	45.8	55.2	64.4	73.2	82.3	91.1	99.6
127.5°	13.6	20.5	28.1	36.5	45.1	53.5	62.1	70.9	79.6	87.8	96.0
130°	13.4	20.1	27.2	35.3	43.7	51.8	60.1	68.1	76.2	84.4	92.3
132.5°	13.5	19.6	26.5	33.7	41.8	49.7	57.3	64.9	72.6	80.4	88.3
135°	12.7	18.3	25.0	32.2	39.7	47.0	54.3	61.6	68.9	76.3	83.8
137.5°	12.0	17.7	23.7	30.5	37.3	44.1	51.0	58.0	65.1	72.1	79.2
140°	11.1	16.5	21.9	28.1	34.6	41.1	47.7	54.5	61.1	67.7	74.5
142.5°	10.5	15.4	20.8	26.3	32.2	38.5	44.9	50.9	56.9	63.1	69.3
145°	10.1	13.9	19.0	24.1	29.3	35.1	40.8	46.5	52.6	58.7	64.6
147.5°	9.2	12.6	16.8	21.7	26.7	31.6	37.5	43.2	48.8	53.9	59.6
150°	8.4	11.7	15.1	19.8	24.7	29.3	34.0	39.1	44.1	49.0	53.7
152.5°	7.5	10.7	14.0	16.9	21.6	26.0	30.4	34.7	39.2	43.7	48.2
155°	6.5	9.4	12.3	15.3	18.4	22.4	26.6	30.7	34.6	38.5	42.6
157.5°	5.0	7.9	10.8	13.7	16.6	19.5	23.1	26.6	30.2	33.7	37.1
160°	5.0	6.5	9.1	11.7	14.2	16.8	19.3	22.1	25.3	28.5	31.6
162.5°	4.5	5.3	7.0	9.3	11.7	14.0	16.2	18.5	20.6	23.0	25.8
165°	4.5	5.2	5.9	7.0	9.0	10.9	12.9	14.8	16.7	18.6	20.4
167.5°	3.9	4.5	5.2	5.8	6.5	7.9	9.6	11.2	12.9	14.4	16.0
170°	3.7	4.3	4.8	5.4	6.0	6.6	7.1	7.7	9.2	10.5	11.8
172.5°	3.3	3.7	4.2	4.6	5.1	5.5	5.9	6.3	6.7	7.1	7.5
175°	2.5	2.8	3.1	3.4	3.7	4.0	4.3	4.6	4.9	5.2	5.5
177.5°	1.8	2.0	2.1	2.3	2.5	2.6	2.8	3.0	3.1	3.3	3.4
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232067

CATALOG NUMBER: FVS4WM-3-LD4-50-2LO-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
2.5°	3.6	3.7	3.9	4.0	4.1	4.3	4.4	4.5	4.6	4.7	4.8
5°	5.8	6.1	6.4	6.6	6.9	7.2	7.4	7.7	7.9	8.2	8.4
7.5°	7.9	8.1	9.2	10.1	10.9	11.7	12.5	13.3	14.0	14.7	15.3
10°	13.1	14.3	15.4	16.5	17.6	18.6	19.6	20.5	21.4	22.3	23.2
12.5°	17.6	19.2	20.7	22.2	23.7	25.2	26.8	28.3	29.7	31.0	32.2
15°	22.2	24.3	26.5	28.6	30.8	33.0	35.1	37.2	39.1	40.7	42.2
17.5°	28.5	31.2	33.8	36.2	38.5	40.8	42.9	45.4	47.9	50.2	52.4
20°	34.7	37.7	40.7	43.6	46.7	49.5	52.1	54.8	57.4	60.0	62.4
22.5°	40.6	44.2	47.8	51.4	54.7	57.9	61.0	64.1	67.1	70.1	72.7
25°	46.7	50.8	54.8	58.8	62.6	66.4	69.9	73.2	76.5	79.8	82.9
27.5°	52.7	57.1	61.5	66.0	70.4	74.6	78.6	82.4	86.0	89.5	92.8
30°	58.5	63.5	68.4	73.2	78.0	82.8	87.1	91.1	95.0	98.8	102.5
32.5°	64.8	70.1	75.4	80.5	85.3	90.4	95.3	99.7	103.8	107.8	111.9
35°	70.4	76.2	81.8	87.2	92.6	98.1	103.3	108.2	112.6	116.8	121.0
37.5°	75.8	82.1	88.0	93.8	99.5	105.2	110.7	116.0	121.1	125.8	130.2
40°	81.2	88.0	94.3	100.2	106.2	112.5	118.4	123.6	128.9	133.9	138.6
42.5°	86.3	93.3	99.9	106.3	112.4	118.9	125.4	130.9	136.2	141.6	146.7
45°	91.0	98.3	105.6	112.2	118.9	125.2	131.7	138.0	143.5	148.9	154.3
47.5°	95.9	103.2	110.5	117.4	124.9	131.6	137.9	144.4	150.4	155.9	161.8
50°	100.1	108.0	116.0	122.7	129.6	136.9	144.0	150.9	157.2	162.7	168.4
52.5°	103.8	112.0	120.0	127.8	134.7	141.9	149.1	156.2	162.9	169.2	175.2
55°	107.7	116.2	124.3	132.0	139.5	146.8	154.2	161.4	168.3	175.0	181.2
57.5°	111.0	119.7	128.1	135.9	144.0	151.5	159.0	166.4	173.4	180.3	187.0
60°	113.9	122.6	131.7	139.6	147.6	155.7	163.6	171.3	178.3	185.1	191.7
62.5°	116.5	125.4	134.4	143.2	151.3	159.4	167.3	175.4	182.9	189.8	196.5
65°	118.8	128.0	136.9	145.7	154.7	163.2	171.1	179.0	186.9	193.9	201.0
67.5°	120.9	130.3	139.4	148.2	157.5	166.5	174.7	182.5	190.4	197.8	205.0
70°	122.4	131.9	141.4	150.7	160.3	169.5	177.8	185.5	193.1	200.4	207.7
72.5°	123.9	133.0	143.3	152.6	162.0	170.7	179.5	188.0	195.8	203.1	210.4
75°	125.3	134.6	144.8	154.4	163.6	172.3	181.1	189.8	197.7	205.2	212.9
77.5°	125.8	135.7	145.8	155.5	164.6	173.7	182.9	191.7	199.5	207.1	214.9
80°	125.7	136.0	146.5	156.3	165.4	174.8	183.7	192.3	200.9	208.7	216.3
82.5°	125.6	136.1	146.3	156.8	166.0	175.8	184.7	193.1	201.8	209.8	217.4
85°	125.6	136.0	146.4	156.6	166.3	176.1	185.1	194.1	202.3	210.4	218.4
87.5°	125.8	135.9	146.7	156.7	166.6	176.2	185.5	194.6	202.3	210.8	218.5
90°	125.5	136.3	147.1	157.1	167.0	176.0	186.0	195.0	202.2	211.2	218.4
92.5°	125.8	135.9	146.7	156.7	166.6	176.2	185.5	194.6	202.3	210.8	218.5
95°	125.6	136.0	146.4	156.6	166.3	176.1	185.1	194.1	202.3	210.4	218.4
97.5°	125.6	136.1	146.3	156.8	166.0	175.8	184.7	193.1	201.8	209.8	217.4
100°	125.7	136.0	146.5	156.3	165.4	174.8	183.7	192.3	200.9	208.7	216.3
102.5°	125.8	135.7	145.8	155.5	164.6	173.7	182.9	191.7	199.5	207.1	214.9
105°	125.3	134.6	144.8	154.4	163.6	172.3	181.1	189.8	197.7	205.2	212.9
107.5°	123.9	133.0	143.3	152.6	162.0	170.7	179.5	188.0	195.8	203.1	210.4
110°	122.4	131.9	141.4	150.7	160.3	169.5	177.8	185.5	193.1	200.4	207.7



TEST NUMBER: P232067

CATALOG NUMBER: FVS4WM-3-LD4-50-2LO-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	120.9	130.3	139.4	148.2	157.5	166.5	174.7	182.5	190.4	197.8	205.0
115°	118.8	128.0	136.9	145.7	154.7	163.2	171.1	179.0	186.9	193.9	201.0
117.5°	116.5	125.4	134.4	143.2	151.3	159.4	167.3	175.4	182.9	189.8	196.5
120°	113.9	122.6	131.7	139.6	147.6	155.7	163.6	171.3	178.3	185.1	191.7
122.5°	111.0	119.7	128.1	135.9	144.0	151.5	159.0	166.4	173.4	180.3	187.0
125°	107.7	116.2	124.3	132.0	139.5	146.8	154.2	161.4	168.3	175.0	181.2
127.5°	103.8	112.0	120.0	127.8	134.7	141.9	149.1	156.2	162.9	169.2	175.2
130°	100.1	108.0	116.0	122.7	129.6	136.9	144.0	150.9	157.2	162.7	168.4
132.5°	95.9	103.2	110.5	117.4	124.9	131.6	137.9	144.4	150.4	155.9	161.8
135°	91.0	98.3	105.6	112.2	118.9	125.2	131.7	138.0	143.5	148.9	154.3
137.5°	86.3	93.3	99.9	106.3	112.4	118.9	125.4	130.9	136.2	141.6	146.7
140°	81.2	88.0	94.3	100.2	106.2	112.5	118.4	123.6	128.9	133.9	138.6
142.5°	75.8	82.1	88.0	93.8	99.5	105.2	110.7	116.0	121.1	125.8	130.2
145°	70.4	76.2	81.8	87.2	92.6	98.1	103.3	108.2	112.6	116.8	121.0
147.5°	64.8	70.1	75.4	80.5	85.3	90.4	95.3	99.7	103.8	107.8	111.9
150°	58.5	63.5	68.4	73.2	78.0	82.8	87.1	91.1	95.0	98.8	102.5
152.5°	52.7	57.1	61.5	66.0	70.4	74.6	78.6	82.4	86.0	89.5	92.8
155°	46.7	50.8	54.8	58.8	62.6	66.4	69.9	73.2	76.5	79.8	82.9
157.5°	40.6	44.2	47.8	51.4	54.7	57.9	61.0	64.1	67.1	70.1	72.7
160°	34.7	37.7	40.7	43.6	46.7	49.5	52.1	54.8	57.4	60.0	62.4
162.5°	28.5	31.2	33.8	36.2	38.5	40.8	42.9	45.4	47.9	50.2	52.4
165°	22.2	24.3	26.5	28.6	30.8	33.0	35.1	37.2	39.1	40.7	42.2
167.5°	17.6	19.2	20.7	22.2	23.7	25.2	26.8	28.3	29.7	31.0	32.2
170°	13.1	14.3	15.4	16.5	17.6	18.6	19.6	20.5	21.4	22.3	23.2
172.5°	7.9	8.1	9.2	10.1	10.9	11.7	12.5	13.3	14.0	14.7	15.3
175°	5.8	6.1	6.4	6.6	6.9	7.2	7.4	7.7	7.9	8.2	8.4
177.5°	3.6	3.7	3.9	4.0	4.1	4.3	4.4	4.5	4.6	4.7	4.8
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232067

CATALOG NUMBER: FVS4WM-3-LD4-50-2LO-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
2.5°	4.9	5.0	5.1	5.1	5.2	5.3	5.3	5.3	5.4	5.4	5.8
5°	8.6	8.8	9.0	9.1	9.3	9.5	9.6	9.7	9.8	9.9	10.8
7.5°	15.9	16.4	17.0	17.5	18.0	18.5	18.9	19.3	19.6	19.9	21.1
10°	23.9	24.6	25.3	25.9	26.6	27.4	28.1	28.7	29.3	29.8	31.3
12.5°	33.4	34.5	35.6	36.5	37.4	38.4	39.3	40.2	40.9	41.6	43.5
15°	43.5	44.8	46.1	47.3	48.5	49.6	50.6	51.6	52.5	53.3	55.8
17.5°	54.1	55.8	57.4	58.9	60.3	61.6	62.8	64.0	65.0	65.9	68.9
20°	64.7	66.8	68.8	70.8	72.3	73.7	75.0	76.3	77.5	78.5	82.1
22.5°	75.2	77.5	79.9	82.1	84.0	85.6	86.9	88.4	89.8	91.2	94.9
25°	85.7	88.4	90.9	93.3	95.6	97.3	98.8	100.4	102.2	103.8	107.5
27.5°	96.0	99.0	101.8	104.4	106.7	108.8	110.6	112.2	114.2	116.0	120.5
30°	106.1	109.5	112.5	115.3	117.8	120.1	122.2	124.1	126.3	128.2	133.5
32.5°	115.8	119.5	122.8	125.8	128.5	131.0	133.2	135.2	137.4	139.5	145.2
35°	125.1	129.0	132.7	136.1	139.2	141.8	144.1	146.2	148.5	150.7	156.8
37.5°	134.4	138.4	142.2	145.9	149.3	151.9	154.3	156.5	159.0	161.6	167.8
40°	143.0	147.2	151.4	155.5	159.0	161.9	164.4	166.7	169.4	172.4	178.6
42.5°	151.6	155.8	160.1	164.3	167.9	171.1	173.7	176.3	179.1	181.9	188.8
45°	159.3	164.0	168.5	172.5	176.5	180.2	182.9	185.8	188.7	191.4	198.9
47.5°	167.1	171.9	176.7	180.8	184.8	188.7	191.3	194.2	197.3	200.4	208.3
50°	174.0	178.9	184.2	189.0	193.2	196.9	199.7	202.6	205.9	209.4	217.7
52.5°	181.0	186.0	191.2	196.1	200.5	204.3	207.5	210.4	213.4	217.1	225.6
55°	187.1	192.6	197.8	202.7	207.2	211.4	215.1	218.2	221.0	224.8	233.6
57.5°	193.1	198.8	204.2	209.0	213.6	218.0	221.6	224.6	227.7	231.6	240.6
60°	198.1	204.2	210.0	215.1	219.9	224.4	228.0	230.9	234.3	238.3	247.6
62.5°	203.0	209.2	214.9	220.4	225.2	229.7	233.5	236.6	239.7	244.2	253.7
65°	207.5	213.5	219.6	225.3	230.3	234.8	238.9	242.2	245.1	250.0	259.8
67.5°	211.7	217.6	223.6	229.5	234.7	239.1	243.3	246.7	249.5	254.6	264.5
70°	214.8	221.4	227.4	233.2	238.9	243.4	247.7	251.1	254.0	259.1	269.2
72.5°	217.7	224.6	230.6	236.2	242.0	246.5	250.8	254.3	257.5	262.3	272.5
75°	220.2	227.2	233.4	239.0	244.9	249.5	253.9	257.5	261.0	265.4	276.2
77.5°	222.3	229.1	235.3	241.1	247.1	251.7	256.5	259.7	263.2	267.7	278.4
80°	224.1	230.5	236.8	243.1	249.2	253.9	259.1	261.9	265.5	269.9	280.7
82.5°	225.1	231.7	238.0	244.3	250.2	255.2	260.1	263.2	266.3	271.3	281.6
85°	225.8	232.9	239.2	245.5	251.0	256.4	260.9	264.5	267.2	272.6	282.5
87.5°	225.8	233.0	239.7	245.5	251.4	256.4	261.4	265.0	267.7	273.1	283.4
90°	225.7	232.9	240.1	245.5	251.8	256.4	261.8	265.4	268.1	273.5	284.3
92.5°	225.8	233.0	239.7	245.5	251.4	256.4	261.4	265.0	267.7	273.1	283.4
95°	225.8	232.9	239.2	245.5	251.0	256.4	260.9	264.5	267.2	272.6	282.5
97.5°	225.1	231.7	238.0	244.3	250.2	255.2	260.1	263.2	266.3	271.3	281.6
100°	224.1	230.5	236.8	243.1	249.2	253.9	259.1	261.9	265.5	269.9	280.7
102.5°	222.3	229.1	235.3	241.1	247.1	251.7	256.5	259.7	263.2	267.7	278.4
105°	220.2	227.2	233.4	239.0	244.9	249.5	253.9	257.5	261.0	265.4	276.2
107.5°	217.7	224.6	230.6	236.2	242.0	246.5	250.8	254.3	257.5	262.3	272.5
110°	214.8	221.4	227.4	233.2	238.9	243.4	247.7	251.1	254.0	259.1	269.2





TEST NUMBER: P232067

CATALOG NUMBER: FVS4WM-3-LD4-50-2LO-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
112.5°	211.7	217.6	223.6	229.5	234.7	239.1	243.3	246.7	249.5	254.6	264.5
115°	207.5	213.5	219.6	225.3	230.3	234.8	238.9	242.2	245.1	250.0	259.8
117.5°	203.0	209.2	214.9	220.4	225.2	229.7	233.5	236.6	239.7	244.2	253.7
120°	198.1	204.2	210.0	215.1	219.9	224.4	228.0	230.9	234.3	238.3	247.6
122.5°	193.1	198.8	204.2	209.0	213.6	218.0	221.6	224.6	227.7	231.6	240.6
125°	187.1	192.6	197.8	202.7	207.2	211.4	215.1	218.2	221.0	224.8	233.6
127.5°	181.0	186.0	191.2	196.1	200.5	204.3	207.5	210.4	213.4	217.1	225.6
130°	174.0	178.9	184.2	189.0	193.2	196.9	199.7	202.6	205.9	209.4	217.7
132.5°	167.1	171.9	176.7	180.8	184.8	188.7	191.3	194.2	197.3	200.4	208.3
135°	159.3	164.0	168.5	172.5	176.5	180.2	182.9	185.8	188.7	191.4	198.9
137.5°	151.6	155.8	160.1	164.3	167.9	171.1	173.7	176.3	179.1	181.9	188.8
140°	143.0	147.2	151.4	155.5	159.0	161.9	164.4	166.7	169.4	172.4	178.6
142.5°	134.4	138.4	142.2	145.9	149.3	151.9	154.3	156.5	159.0	161.6	167.8
145°	125.1	129.0	132.7	136.1	139.2	141.8	144.1	146.2	148.5	150.7	156.8
147.5°	115.8	119.5	122.8	125.8	128.5	131.0	133.2	135.2	137.4	139.5	145.2
150°	106.1	109.5	112.5	115.3	117.8	120.1	122.2	124.1	126.3	128.2	133.5
152.5°	96.0	99.0	101.8	104.4	106.7	108.8	110.6	112.2	114.2	116.0	120.5
155°	85.7	88.4	90.9	93.3	95.6	97.3	98.8	100.4	102.2	103.8	107.5
157.5°	75.2	77.5	79.9	82.1	84.0	85.6	86.9	88.4	89.8	91.2	94.9
160°	64.7	66.8	68.8	70.8	72.3	73.7	75.0	76.3	77.5	78.5	82.1
162.5°	54.1	55.8	57.4	58.9	60.3	61.6	62.8	64.0	65.0	65.9	68.9
165°	43.5	44.8	46.1	47.3	48.5	49.6	50.6	51.6	52.5	53.3	55.8
167.5°	33.4	34.5	35.6	36.5	37.4	38.4	39.3	40.2	40.9	41.6	43.5
170°	23.9	24.6	25.3	25.9	26.6	27.4	28.1	28.7	29.3	29.8	31.3
172.5°	15.9	16.4	17.0	17.5	18.0	18.5	18.9	19.3	19.6	19.9	21.1
175°	8.6	8.8	9.0	9.1	9.3	9.5	9.6	9.7	9.8	9.9	10.8
177.5°	4.9	5.0	5.1	5.1	5.2	5.3	5.3	5.3	5.4	5.4	5.8
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232067

CATALOG NUMBER: FVS4WM-3-LD4-50-2LO-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
2.5°	6.2	6.7	7.1	7.4	7.8	8.2	8.5	8.9	9.2	9.5	9.8
5°	11.6	12.4	13.2	14.0	14.8	15.5	16.2	16.9	17.5	18.1	18.7
7.5°	22.2	23.3	24.3	25.3	26.2	27.1	28.1	30.2	32.1	34.0	35.7
10°	32.8	34.2	35.4	36.7	38.2	41.3	44.3	47.2	49.9	52.5	55.0
12.5°	45.4	47.2	48.8	51.1	54.9	58.6	62.1	65.5	69.4	73.8	77.9
15°	58.2	60.4	62.7	67.2	71.5	75.7	80.0	86.3	92.1	97.7	103.6
17.5°	71.8	74.5	78.9	84.0	88.9	94.4	101.8	109.0	115.9	122.5	128.8
20°	85.6	89.0	95.1	100.9	106.8	115.3	123.5	131.5	139.6	147.4	154.7
22.5°	98.4	103.2	110.3	117.0	126.1	135.7	145.0	154.6	163.9	173.2	183.2
25°	111.0	117.4	125.4	134.1	145.5	156.5	167.3	177.8	188.7	200.7	212.2
27.5°	124.7	132.8	141.5	152.4	164.5	176.7	188.8	201.0	215.2	228.9	240.8
30°	138.5	148.2	157.8	170.1	183.0	196.4	210.0	225.2	240.3	254.1	267.1
32.5°	151.3	161.7	172.8	186.3	200.5	216.0	231.9	248.4	264.1	278.7	293.9
35°	164.0	174.8	187.6	202.4	218.7	236.2	252.8	270.1	287.2	303.8	321.0
37.5°	176.0	188.0	202.6	218.3	236.1	254.3	273.0	292.0	312.3	329.0	346.9
40°	188.0	201.3	217.4	234.3	252.7	272.8	293.2	313.7	333.5	352.6	372.2
42.5°	199.3	213.2	230.4	248.9	268.5	290.7	313.0	335.0	355.2	375.7	396.4
45°	210.4	225.2	242.8	263.0	284.5	307.3	331.6	354.6	375.9	397.9	419.5
47.5°	220.9	236.8	254.7	276.6	299.8	324.0	349.9	373.6	396.3	420.2	441.4
50°	231.4	248.2	266.6	289.8	315.1	340.5	365.9	390.3	414.7	438.7	462.4
52.5°	239.8	257.4	277.6	302.1	328.9	355.4	381.2	406.9	432.9	457.4	481.6
55°	248.0	266.3	288.3	314.1	341.4	369.6	396.6	422.8	449.0	475.0	500.6
57.5°	255.7	275.0	298.3	324.9	352.6	382.9	410.8	437.7	464.7	492.3	519.7
60°	263.4	283.5	307.8	334.9	363.3	394.8	423.2	451.9	480.4	508.1	534.0
62.5°	269.8	291.5	316.6	344.4	374.3	405.5	435.1	465.4	495.3	522.2	548.4
65°	276.1	299.4	325.0	353.9	384.7	415.5	446.0	476.0	506.7	535.0	561.8
67.5°	281.3	305.2	331.9	362.1	393.3	424.6	455.8	486.3	517.3	547.2	573.3
70°	286.5	310.7	338.6	369.6	400.9	432.8	465.0	496.3	526.8	556.6	585.1
72.5°	290.6	315.2	343.4	375.1	407.7	440.1	472.7	504.9	535.3	566.0	596.2
75°	294.7	319.4	347.7	380.0	414.2	446.7	478.9	512.2	543.4	573.6	603.2
77.5°	297.8	323.0	351.7	384.6	418.5	451.5	484.4	518.3	549.5	579.6	609.7
80°	301.5	326.4	355.5	388.9	421.9	455.4	489.6	522.8	553.4	584.6	614.9
82.5°	302.4	328.6	359.2	391.2	424.6	457.8	493.2	525.5	556.8	588.3	618.7
85°	303.3	329.5	361.0	393.6	427.8	460.4	497.2	528.1	559.9	590.7	621.2
87.5°	303.7	329.1	360.2	393.6	428.8	461.3	497.0	528.9	561.1	593.4	622.9
90°	304.2	328.6	359.3	393.6	429.7	462.2	496.5	529.9	560.6	594.9	622.9
92.5°	303.7	329.1	360.2	393.6	428.8	461.3	497.0	528.9	561.1	593.4	622.9
95°	303.3	329.5	361.0	393.6	427.8	460.4	497.2	528.1	559.9	590.7	621.2
97.5°	302.4	328.6	359.2	391.2	424.6	457.8	493.2	525.5	556.8	588.3	618.7
100°	301.5	326.4	355.5	388.9	421.9	455.4	489.6	522.8	553.4	584.6	614.9
102.5°	297.8	323.0	351.7	384.6	418.5	451.5	484.4	518.3	549.5	579.6	609.7
105°	294.7	319.4	347.7	380.0	414.2	446.7	478.9	512.2	543.4	573.6	603.2
107.5°	290.6	315.2	343.4	375.1	407.7	440.1	472.7	504.9	535.3	566.0	596.2
110°	286.5	310.7	338.6	369.6	400.9	432.8	465.0	496.3	526.8	556.6	585.1



TEST NUMBER: P232067

CATALOG NUMBER: FVS4WM-3-LD4-50-2LO-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	281.3	305.2	331.9	362.1	393.3	424.6	455.8	486.3	517.3	547.2	573.3
115°	276.1	299.4	325.0	353.9	384.7	415.5	446.0	476.0	506.7	535.0	561.8
117.5°	269.8	291.5	316.6	344.4	374.3	405.5	435.1	465.4	495.3	522.2	548.4
120°	263.4	283.5	307.8	334.9	363.3	394.8	423.2	451.9	480.4	508.1	534.0
122.5°	255.7	275.0	298.3	324.9	352.6	382.9	410.8	437.7	464.7	492.3	519.7
125°	248.0	266.3	288.3	314.1	341.4	369.6	396.6	422.8	449.0	475.0	500.6
127.5°	239.8	257.4	277.6	302.1	328.9	355.4	381.2	406.9	432.9	457.4	481.6
130°	231.4	248.2	266.6	289.8	315.1	340.5	365.9	390.3	414.7	438.7	462.4
132.5°	220.9	236.8	254.7	276.6	299.8	324.0	349.9	373.6	396.3	420.2	441.4
135°	210.4	225.2	242.8	263.0	284.5	307.3	331.6	354.6	375.9	397.9	419.5
137.5°	199.3	213.2	230.4	248.9	268.5	290.7	313.0	335.0	355.2	375.7	396.4
140°	188.0	201.3	217.4	234.3	252.7	272.8	293.2	313.7	333.5	352.6	372.2
142.5°	176.0	188.0	202.6	218.3	236.1	254.3	273.0	292.0	312.3	329.0	346.9
145°	164.0	174.8	187.6	202.4	218.7	236.2	252.8	270.1	287.2	303.8	321.0
147.5°	151.3	161.7	172.8	186.3	200.5	216.0	231.9	248.4	264.1	278.7	293.9
150°	138.5	148.2	157.8	170.1	183.0	196.4	210.0	225.2	240.3	254.1	267.1
152.5°	124.7	132.8	141.5	152.4	164.5	176.7	188.8	201.0	215.2	228.9	240.8
155°	111.0	117.4	125.4	134.1	145.5	156.5	167.3	177.8	188.7	200.7	212.2
157.5°	98.4	103.2	110.3	117.0	126.1	135.7	145.0	154.6	163.9	173.2	183.2
160°	85.6	89.0	95.1	100.9	106.8	115.3	123.5	131.5	139.6	147.4	154.7
162.5°	71.8	74.5	78.9	84.0	88.9	94.4	101.8	109.0	115.9	122.5	128.8
165°	58.2	60.4	62.7	67.2	71.5	75.7	80.0	86.3	92.1	97.7	103.6
167.5°	45.4	47.2	48.8	51.1	54.9	58.6	62.1	65.5	69.4	73.8	77.9
170°	32.8	34.2	35.4	36.7	38.2	41.3	44.3	47.2	49.9	52.5	55.0
172.5°	22.2	23.3	24.3	25.3	26.2	27.1	28.1	30.2	32.1	34.0	35.7
175°	11.6	12.4	13.2	14.0	14.8	15.5	16.2	16.9	17.5	18.1	18.7
177.5°	6.2	6.7	7.1	7.4	7.8	8.2	8.5	8.9	9.2	9.5	9.8
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232067

CATALOG NUMBER: FVS4WM-3-LD4-50-2LO-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
2.5°	10.0	10.3	10.5	10.7	10.9	11.1	11.3	11.4	11.5	11.6	11.7
5°	19.9	21.2	22.4	23.5	24.5	25.5	26.5	27.4	28.2	28.9	29.6
7.5°	37.3	38.8	40.1	41.4	42.6	44.4	45.7	47.9	49.8	51.6	53.1
10°	58.0	61.0	63.9	66.6	69.2	71.6	73.8	76.1	78.5	80.6	82.5
12.5°	81.6	85.1	88.5	93.0	97.3	101.2	104.9	108.2	111.2	114.1	117.0
15°	108.2	113.4	118.4	123.2	128.0	133.0	137.5	141.8	146.0	149.8	153.5
17.5°	134.6	141.3	147.4	154.2	160.5	166.3	172.0	177.6	182.6	187.1	191.3
20°	163.0	171.2	179.0	186.6	194.2	201.7	208.7	214.9	220.5	225.6	230.3
22.5°	192.8	202.3	212.1	221.3	230.3	237.5	244.4	250.9	257.4	263.4	268.4
25°	223.3	234.4	246.8	254.8	263.5	271.8	280.2	288.3	295.9	302.3	307.3
27.5°	252.5	264.4	276.2	286.9	297.1	306.9	317.8	324.5	331.8	338.2	344.2
30°	280.8	295.0	308.3	320.1	331.4	341.3	350.5	359.4	367.6	375.2	383.0
32.5°	309.7	324.7	338.7	351.9	363.2	373.5	384.1	394.0	403.1	411.0	418.7
35°	337.6	353.2	368.3	382.5	394.9	406.3	417.7	428.2	438.0	446.6	453.7
37.5°	364.6	381.5	398.1	413.1	425.4	438.0	450.8	462.0	471.6	482.0	488.1
40°	391.3	408.9	425.5	440.3	455.0	470.2	483.1	494.0	504.2	513.2	521.5
42.5°	416.0	434.7	451.7	467.8	483.9	498.6	512.0	524.3	536.4	545.2	554.8
45°	440.3	459.3	477.6	495.2	511.1	526.3	540.4	553.5	565.3	575.6	584.6
47.5°	462.8	483.0	502.9	521.1	536.9	552.7	567.9	582.4	594.3	604.5	613.8
50°	484.7	505.8	526.0	544.4	561.4	578.0	593.3	607.9	622.0	631.9	641.6
52.5°	505.2	527.2	547.8	567.2	585.2	601.7	617.7	633.6	645.5	657.2	668.0
55°	524.7	547.2	568.7	587.6	606.7	625.4	641.8	656.1	669.2	681.3	691.6
57.5°	541.5	565.1	587.1	608.4	628.3	646.1	662.9	678.2	691.3	703.7	715.0
60°	557.3	584.0	605.8	627.0	647.0	665.3	682.4	698.0	712.0	725.3	737.1
62.5°	574.1	599.6	622.3	644.2	664.6	683.0	700.5	716.9	731.1	744.3	756.5
65°	588.3	614.0	637.5	659.5	680.4	699.5	717.3	733.9	748.6	761.9	774.8
67.5°	600.2	627.4	650.9	673.6	695.0	714.7	732.8	749.2	764.6	778.3	791.0
70°	611.8	639.5	662.9	686.9	708.4	728.4	746.2	762.6	778.5	792.5	805.9
72.5°	622.3	648.4	673.7	697.8	719.5	741.2	759.1	775.5	791.6	806.1	819.5
75°	630.3	656.7	682.7	706.6	728.4	749.6	768.4	786.4	803.3	817.4	830.5
77.5°	637.1	664.1	689.6	713.9	736.5	757.1	776.6	794.8	810.7	826.3	840.2
80°	642.5	669.8	695.1	719.7	742.7	763.4	783.0	801.1	817.9	833.6	847.6
82.5°	646.8	674.1	699.6	723.6	747.5	768.3	787.4	806.2	823.1	838.6	853.0
85°	649.8	676.3	702.8	726.5	749.5	770.8	790.3	809.1	825.6	842.0	855.7
87.5°	651.3	678.6	705.3	728.8	751.6	772.7	792.8	811.0	827.1	843.9	857.4
90°	650.8	679.7	705.9	729.4	752.8	772.7	793.5	812.4	827.8	843.1	856.6
92.5°	651.3	678.6	705.3	728.8	751.6	772.7	792.8	811.0	827.1	843.9	857.4
95°	649.8	676.3	702.8	726.5	749.5	770.8	790.3	809.1	825.6	842.0	855.7
97.5°	646.8	674.1	699.6	723.6	747.5	768.3	787.4	806.2	823.1	838.6	853.0
100°	642.5	669.8	695.1	719.7	742.7	763.4	783.0	801.1	817.9	833.6	847.6
102.5°	637.1	664.1	689.6	713.9	736.5	757.1	776.6	794.8	810.7	826.3	840.2
105°	630.3	656.7	682.7	706.6	728.4	749.6	768.4	786.4	803.3	817.4	830.5
107.5°	622.3	648.4	673.7	697.8	719.5	741.2	759.1	775.5	791.6	806.1	819.5
110°	611.8	639.5	662.9	686.9	708.4	728.4	746.2	762.6	778.5	792.5	805.9



TEST NUMBER: P232067

CATALOG NUMBER: FVS4WM-3-LD4-50-2LO-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
112.5°	600.2	627.4	650.9	673.6	695.0	714.7	732.8	749.2	764.6	778.3	791.0
115°	588.3	614.0	637.5	659.5	680.4	699.5	717.3	733.9	748.6	761.9	774.8
117.5°	574.1	599.6	622.3	644.2	664.6	683.0	700.5	716.9	731.1	744.3	756.5
120°	557.3	584.0	605.8	627.0	647.0	665.3	682.4	698.0	712.0	725.3	737.1
122.5°	541.5	565.1	587.1	608.4	628.3	646.1	662.9	678.2	691.3	703.7	715.0
125°	524.7	547.2	568.7	587.6	606.7	625.4	641.8	656.1	669.2	681.3	691.6
127.5°	505.2	527.2	547.8	567.2	585.2	601.7	617.7	633.6	645.5	657.2	668.0
130°	484.7	505.8	526.0	544.4	561.4	578.0	593.3	607.9	622.0	631.9	641.6
132.5°	462.8	483.0	502.9	521.1	536.9	552.7	567.9	582.4	594.3	604.5	613.8
135°	440.3	459.3	477.6	495.2	511.1	526.3	540.4	553.5	565.3	575.6	584.6
137.5°	416.0	434.7	451.7	467.8	483.9	498.6	512.0	524.3	536.4	545.2	554.8
140°	391.3	408.9	425.5	440.3	455.0	470.2	483.1	494.0	504.2	513.2	521.5
142.5°	364.6	381.5	398.1	413.1	425.4	438.0	450.8	462.0	471.6	482.0	488.1
145°	337.6	353.2	368.3	382.5	394.9	406.3	417.7	428.2	438.0	446.6	453.7
147.5°	309.7	324.7	338.7	351.9	363.2	373.5	384.1	394.0	403.1	411.0	418.7
150°	280.8	295.0	308.3	320.1	331.4	341.3	350.5	359.4	367.6	375.2	383.0
152.5°	252.5	264.4	276.2	286.9	297.1	306.9	317.8	324.5	331.8	338.2	344.2
155°	223.3	234.4	246.8	254.8	263.5	271.8	280.2	288.3	295.9	302.3	307.3
157.5°	192.8	202.3	212.1	221.3	230.3	237.5	244.4	250.9	257.4	263.4	268.4
160°	163.0	171.2	179.0	186.6	194.2	201.7	208.7	214.9	220.5	225.6	230.3
162.5°	134.6	141.3	147.4	154.2	160.5	166.3	172.0	177.6	182.6	187.1	191.3
165°	108.2	113.4	118.4	123.2	128.0	133.0	137.5	141.8	146.0	149.8	153.5
167.5°	81.6	85.1	88.5	93.0	97.3	101.2	104.9	108.2	111.2	114.1	117.0
170°	58.0	61.0	63.9	66.6	69.2	71.6	73.8	76.1	78.5	80.6	82.5
172.5°	37.3	38.8	40.1	41.4	42.6	44.4	45.7	47.9	49.8	51.6	53.1
175°	19.9	21.2	22.4	23.5	24.5	25.5	26.5	27.4	28.2	28.9	29.6
177.5°	10.0	10.3	10.5	10.7	10.9	11.1	11.3	11.4	11.5	11.6	11.7
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232067

CATALOG NUMBER: FVS4WM-3-LD4-50-2LO-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
2.5°	11.7	11.8	11.8	11.8	11.8	11.7	12.0	11.8	11.6	11.4	11.2
5°	30.2	30.7	31.2	31.6	31.9	32.1	32.3	32.4	33.0	32.7	32.3
7.5°	54.5	55.8	56.8	57.7	58.4	58.9	59.2	59.4	59.4	59.9	59.2
10°	84.0	86.1	87.9	89.6	90.9	92.1	93.0	93.6	94.0	95.4	94.6
12.5°	119.5	121.8	123.7	125.5	127.6	129.2	130.5	131.4	131.8	131.9	132.4
15°	156.8	159.6	161.9	163.7	165.0	166.6	168.1	169.3	170.1	170.4	171.2
17.5°	195.1	198.4	201.2	203.5	205.2	206.5	207.7	209.0	209.7	209.8	210.4
20°	234.4	238.0	241.0	243.7	246.0	247.9	249.4	250.6	251.5	251.7	252.5
22.5°	272.4	275.4	278.4	282.7	285.9	288.0	289.0	289.1	290.3	291.1	292.8
25°	312.1	316.8	321.3	324.4	326.6	328.2	329.1	329.4	329.6	330.4	330.3
27.5°	350.0	355.2	359.5	362.6	364.5	367.0	368.4	369.1	369.0	370.1	370.7
30°	388.0	393.1	397.4	400.8	403.2	404.9	406.7	407.5	407.3	407.2	407.2
32.5°	425.0	430.2	434.4	438.4	440.9	442.1	443.1	444.2	444.6	444.5	444.5
35°	460.1	465.8	470.2	473.5	476.0	477.7	478.4	479.5	479.5	478.2	478.6
37.5°	494.7	500.6	505.5	509.3	512.0	513.7	514.4	514.4	514.0	512.5	512.1
40°	529.2	535.8	540.5	544.0	546.4	548.0	548.6	547.8	547.4	546.4	545.5
42.5°	562.4	568.2	573.2	576.6	579.3	581.3	581.3	580.3	579.2	577.8	575.8
45°	592.4	598.8	603.7	607.6	610.7	613.5	612.0	611.0	609.2	608.4	606.6
47.5°	622.2	628.3	633.7	638.0	640.4	641.2	641.1	640.6	638.9	637.5	635.5
50°	649.3	656.3	663.2	667.7	670.0	671.5	671.8	670.4	667.8	665.3	663.9
52.5°	676.3	685.8	691.9	695.8	698.1	699.1	699.5	698.1	695.7	693.1	691.7
55°	700.4	709.7	716.3	720.2	722.8	724.9	725.6	724.1	721.7	718.8	717.2
57.5°	725.1	733.1	738.9	744.4	748.9	750.4	750.9	749.6	746.4	743.1	741.0
60°	746.8	754.7	762.1	768.1	772.3	774.3	774.8	773.9	770.5	766.8	763.6
62.5°	766.3	775.8	783.7	790.0	794.1	795.5	796.6	795.9	792.8	788.7	785.0
65°	785.2	794.6	802.9	808.7	813.9	816.3	816.7	815.8	813.2	808.5	805.2
67.5°	802.8	812.3	820.0	826.1	831.3	834.3	835.2	834.4	831.9	827.2	822.9
70°	817.0	827.2	835.4	842.0	847.1	851.0	851.8	851.1	849.3	844.6	838.9
72.5°	830.6	841.1	850.0	855.5	860.5	864.2	866.0	865.8	864.0	859.5	853.7
75°	842.4	852.7	861.1	867.5	872.5	875.4	877.0	877.9	876.3	872.8	866.9
77.5°	852.2	862.4	870.2	876.8	881.6	884.7	886.4	887.4	886.6	884.3	878.3
80°	859.8	870.2	878.1	885.2	889.7	892.6	894.1	894.5	893.9	892.7	888.1
82.5°	865.4	875.2	883.7	890.6	895.3	897.9	899.6	899.7	898.8	897.1	896.0
85°	868.3	878.3	887.1	893.3	898.0	901.0	902.6	902.9	901.8	900.3	898.4
87.5°	870.2	879.7	888.0	893.7	898.3	901.3	902.5	903.0	901.9	900.1	898.2
90°	870.2	879.2	887.3	893.7	897.3	900.0	900.9	900.9	899.1	895.5	891.8
92.5°	870.2	879.7	888.0	893.7	898.3	901.3	902.5	903.0	901.9	900.1	898.2
95°	868.3	878.3	887.1	893.3	898.0	901.0	902.6	902.9	901.8	900.3	898.4
97.5°	865.4	875.2	883.7	890.6	895.3	897.9	899.6	899.7	898.8	897.1	896.0
100°	859.8	870.2	878.1	885.2	889.7	892.6	894.1	894.5	893.9	892.7	888.1
102.5°	852.2	862.4	870.2	876.8	881.6	884.7	886.4	887.4	886.6	884.4	878.3
105°	842.4	852.7	861.1	867.5	872.5	875.4	877.0	877.9	876.3	872.8	866.9
107.5°	830.6	841.1	850.0	855.5	860.5	864.2	866.0	865.8	864.0	859.5	853.7
110°	817.0	827.2	835.4	842.0	847.1	851.0	851.8	851.1	849.3	844.6	838.9



TEST NUMBER: P232067

CATALOG NUMBER: FVS4WM-3-LD4-50-2LO-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	802.8	812.3	820.0	826.1	831.3	834.3	835.2	834.4	831.9	827.2	822.9
115°	785.2	794.6	802.9	808.7	813.9	816.3	816.7	815.8	813.2	808.5	805.2
117.5°	766.3	775.8	783.7	790.0	794.1	795.5	796.6	795.9	792.8	788.7	785.0
120°	746.8	754.7	762.1	768.1	772.3	774.3	774.8	773.9	770.5	766.8	763.6
122.5°	725.1	733.1	738.9	744.4	748.9	750.4	750.9	749.6	746.4	743.1	741.0
125°	700.4	709.7	716.3	720.2	722.8	724.9	725.6	724.1	721.7	718.8	717.2
127.5°	676.3	685.8	691.9	695.8	698.1	699.1	699.5	698.1	695.7	693.1	691.7
130°	649.3	656.3	663.2	667.7	670.0	671.5	671.8	670.4	667.8	665.3	663.9
132.5°	622.2	628.3	633.7	638.0	640.4	641.2	641.1	640.6	638.9	637.5	635.5
135°	592.4	598.8	603.7	607.6	610.7	613.5	612.0	611.0	609.2	608.4	606.6
137.5°	562.4	568.2	573.2	576.6	579.3	581.3	581.3	580.3	579.2	577.8	575.8
140°	529.2	535.8	540.5	544.0	546.4	548.0	548.6	547.8	547.4	546.4	545.5
142.5°	494.7	500.6	505.5	509.3	512.0	513.7	514.4	514.4	514.0	512.5	512.1
145°	460.1	465.8	470.2	473.5	476.0	477.7	478.4	479.5	479.5	478.2	478.6
147.5°	425.0	430.2	434.4	438.4	440.9	442.1	443.1	444.2	444.6	444.5	444.5
150°	388.0	393.1	397.4	400.8	403.2	404.9	406.7	407.5	407.3	407.2	407.2
152.5°	350.0	355.2	359.5	362.6	364.5	367.0	368.4	369.1	369.0	370.1	370.7
155°	312.1	316.8	321.3	324.4	326.6	328.2	329.1	329.4	329.6	330.4	330.3
157.5°	272.4	275.4	278.4	282.7	285.9	288.0	289.0	289.1	290.3	291.1	292.8
160°	234.4	238.0	241.0	243.7	246.0	247.9	249.4	250.6	251.5	251.7	252.5
162.5°	195.1	198.4	201.2	203.5	205.2	206.5	207.7	209.0	209.7	209.8	210.4
165°	156.8	159.6	161.9	163.7	165.0	166.6	168.1	169.3	170.1	170.4	171.2
167.5°	119.5	121.8	123.7	125.5	127.6	129.2	130.5	131.4	131.8	131.9	132.4
170°	84.0	86.1	87.9	89.6	90.9	92.1	93.0	93.6	94.0	95.4	94.6
172.5°	54.5	55.8	56.8	57.7	58.4	58.9	59.2	59.4	59.4	59.9	59.2
175°	30.2	30.7	31.2	31.6	31.9	32.1	32.3	32.4	33.0	32.7	32.3
177.5°	11.7	11.8	11.8	11.8	11.8	11.7	12.0	11.8	11.6	11.4	11.2
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232067

CATALOG NUMBER: FVS4WM-3-LD4-50-2LO-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
0°	0.9	0.9
2.5°	11.0	10.8
5°	32.0	31.6
7.5°	58.5	57.8
10°	93.8	93.0
12.5°	131.2	130.0
15°	170.0	168.8
17.5°	208.5	206.7
20°	250.3	248.2
22.5°	291.3	289.8
25°	329.8	327.7
27.5°	370.8	369.2
30°	406.7	404.4
32.5°	444.0	441.4
35°	479.1	477.5
37.5°	512.6	510.9
40°	545.7	543.4
42.5°	575.7	573.2
45°	607.0	604.8
47.5°	636.5	635.5
50°	663.5	660.8
52.5°	691.4	689.6
55°	717.1	715.8
57.5°	740.9	740.2
60°	763.5	761.9
62.5°	783.5	784.4
65°	804.4	804.3
67.5°	821.8	822.3
70°	837.1	838.6
72.5°	852.0	853.0
75°	864.0	866.6
77.5°	874.2	878.3
80°	883.4	886.4
82.5°	891.0	893.7
85°	898.0	898.2
87.5°	899.1	901.8
90°	889.1	897.3
92.5°	899.1	901.8
95°	898.0	898.2
97.5°	891.0	893.7
100°	883.4	886.4
102.5°	874.2	878.3
105°	864.0	866.6
107.5°	852.0	853.0
110°	837.1	838.6





TEST NUMBER: P232067

CATALOG NUMBER: FVS4WM-3-LD4-50-2LO-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
112.5°	821.8	822.3
115°	804.4	804.3
117.5°	783.5	784.4
120°	763.5	761.9
122.5°	740.9	740.2
125°	717.1	715.8
127.5°	691.4	689.6
130°	663.5	660.8
132.5°	636.5	635.5
135°	607.0	604.8
137.5°	575.7	573.2
140°	545.7	543.4
142.5°	512.6	510.9
145°	479.1	477.5
147.5°	444.0	441.4
150°	406.7	404.4
152.5°	370.8	369.2
155°	329.8	327.7
157.5°	291.3	289.8
160°	250.3	248.2
162.5°	208.5	206.7
165°	170.0	168.8
167.5°	131.2	130.0
170°	93.8	93.0
172.5°	58.5	57.8
175°	32.0	31.6
177.5°	11.0	10.8
180°	0.0	0.0

(END OF REPORT)