

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: P231911

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

Issue Date: 3/3/2020



**Test Information**

Test Method: LM-79-08  
Report Number: P231911  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1706-121-8)  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: FAIL-SAFE  
Catalog Number: FVS4WM-2-LD4-50-2LO-P125-UNV-EDC1  
Description: FAILSAFE FVS LED FIXTURE  
2FT LENGTH, 2-MODULE LED WITH P125 LENS  
Light Source: (84) 5000K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

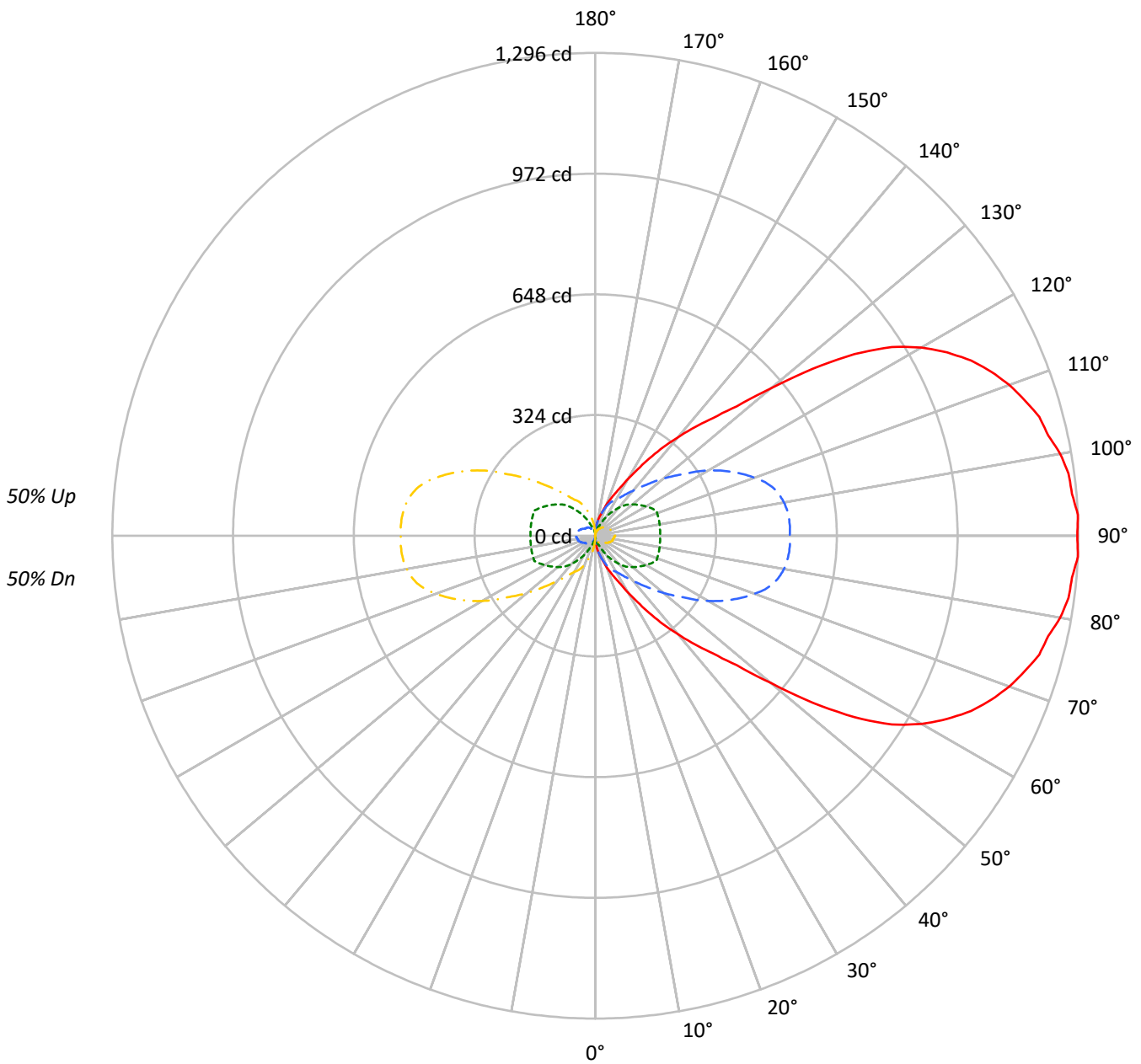
Lumens per Lamp: N/A  
Luminaire Lumens: 2960.7 lumens  
Efficiency: N/A  
Efficacy: 122.9 lumens/watt  
Spacing Criteria (0/90/45): - / - / -  
Luminous Opening: Rectangular w/ Sides (W: 1.92' x L: 0.19' x H: 0.31')  
CIE Type: General Diffuse

Input Watts (W): 24.1  
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

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### Luminous Intensity Polar Plot



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



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

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

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

	0°	90°	180°	270°
0°	0	0	0	0
5°	648	199	0	199
10°	1020	396	0	396
15°	1303	597	0	597
20°	1803	806	0	806
25°	2311	1222	0	1222
30°	3109	1874	0	1874
35°	4272	2583	0	2583
40°	5619	3377	0	3377
45°	7088	4283	0	4283
50°	9599	5103	0	5103
55°	13126	6099	0	6099
60°	15577	7343	11	7343
65°	17243	8948	11	8948
70°	18560	10681	11	10681
75°	19766	12655	11	12655
80°	20902	15701	0	15701
85°	22006	20930	0	20930



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	1.4	0.0
10°-20°	9.5	0.3
20°-30°	26.6	0.9
30°-40°	59.0	2.0
40°-50°	114.0	3.8
50°-60°	202.9	6.9
60°-70°	299.1	10.1
70°-80°	366.9	12.4
80°-90°	401.1	13.5
90°-100°	401.1	13.5
100°-110°	366.9	12.4
110°-120°	299.1	10.1
120°-130°	202.9	6.9
130°-140°	114.0	3.8
140°-150°	59.0	2.0
150°-160°	26.6	0.9
160°-170°	9.5	0.3
170°-180°	1.4	0.0
0°-30°	37.4	1.3
0°-40°	96.4	3.3
0°-60°	413.3	14.0
0°-90°	1480.4	50.0
90°-120°	1067.1	36.0
90°-150°	1442.9	48.7
90°-180°	1480.0	50.0
0°-180°	2960.7	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	0	0	0	0	0	
5°	25	7	0	7	25	3
15°	61	20	0	20	61	19
25°	124	40	0	40	124	60
35°	253	79	0	79	253	163
45°	446	118	0	118	446	358
55°	850	144	0	144	850	753
65°	1113	170	1	170	1113	1099
75°	1233	176	1	176	1233	1299
85°	1284	174	0	174	1284	1047
90°	1293	174	0	174	1293	710
95°	1284	174	0	174	1284	1047
105°	1233	176	1	176	1233	1299
115°	1113	170	1	170	1113	1099
125°	850	144	0	144	850	753
135°	446	118	0	118	446	358
145°	253	79	0	79	253	163
155°	124	40	0	40	124	60
165°	61	20	0	20	61	19
175°	25	7	0	7	25	3
180°	0	0	0	0	0	



TEST NUMBER: P231911

CATALOG NUMBER: FVS4WM-2-LD4-50-2LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (FULL):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	10.0	10.1	10.3	10.4	10.6	10.7	10.8	10.5	10.5	10.5	10.4
5°	24.7	24.9	25.2	25.4	25.7	25.2	25.1	25.0	24.8	24.6	24.3
7.5°	33.4	33.8	34.2	34.6	34.6	34.8	34.9	35.0	35.0	34.9	34.8
10°	43.4	44.0	44.6	45.2	45.2	45.4	45.5	45.6	45.6	45.5	45.2
12.5°	52.1	52.9	53.8	54.2	54.7	55.2	55.5	55.7	55.8	55.8	55.7
15°	60.8	61.9	63.0	63.7	64.4	65.0	65.5	65.8	66.0	66.1	66.0
17.5°	73.5	74.6	75.8	76.2	76.7	77.1	77.4	77.5	77.5	77.3	77.0
20°	90.9	91.7	92.5	92.1	92.1	91.9	91.5	91.0	90.4	89.7	88.9
22.5°	106.2	106.6	107.1	106.4	106.0	105.4	104.7	103.8	102.9	101.8	100.7
25°	124.3	124.3	123.6	122.8	121.7	120.3	118.8	117.0	115.1	113.1	111.0
27.5°	145.6	145.1	143.8	142.2	140.2	138.0	135.4	132.5	129.4	126.0	123.0
30°	176.4	175.2	172.6	169.7	166.1	162.0	157.5	152.4	147.0	141.3	137.1
32.5°	211.1	209.3	205.6	201.6	196.8	191.2	184.9	178.0	170.5	163.0	156.0
35°	253.2	250.8	245.9	240.5	233.9	226.3	217.6	208.1	197.7	188.2	178.7
37.5°	299.9	297.2	291.4	284.8	276.8	267.4	256.6	244.5	231.4	218.9	205.7
40°	344.7	342.8	337.4	331.1	322.8	312.6	300.4	286.2	270.9	255.0	238.0
42.5°	395.5	394.1	388.6	381.9	373.1	362.0	348.6	333.1	316.0	296.9	275.5
45°	446.2	447.3	443.6	438.1	429.5	417.6	402.1	385.5	364.7	343.6	321.4
47.5°	514.4	516.7	512.2	506.0	496.1	482.6	465.5	445.5	422.3	395.1	371.6
50°	615.2	616.4	607.3	596.1	580.5	560.7	537.1	513.7	488.1	458.4	428.3
52.5°	736.8	733.5	717.5	699.6	677.4	651.7	623.3	593.1	557.2	520.0	485.8
55°	849.7	841.9	821.2	798.7	771.9	741.9	708.9	672.1	629.5	585.8	542.1
57.5°	943.2	930.5	906.4	880.9	852.2	821.1	785.7	744.4	702.4	650.6	599.9
60°	1010.7	996.5	972.4	946.4	916.3	882.7	846.3	808.2	764.2	713.0	658.8
62.5°	1064.8	1047.2	1025.2	999.2	969.4	936.6	899.2	860.0	816.7	770.5	713.6
65°	1112.9	1094.9	1072.4	1045.4	1014.2	980.2	943.9	904.8	860.7	813.7	762.6
67.5°	1150.3	1133.4	1112.1	1086.1	1055.4	1020.5	981.7	940.4	897.4	850.0	800.3
70°	1182.4	1169.9	1151.7	1126.3	1091.9	1054.7	1015.5	971.8	926.1	881.6	835.8
72.5°	1208.4	1200.6	1187.1	1166.5	1131.3	1086.5	1042.5	998.5	954.0	909.9	865.1
75°	1233.2	1228.9	1218.7	1194.9	1157.2	1113.9	1066.7	1023.1	979.7	933.7	887.6
77.5°	1244.5	1244.1	1239.7	1215.3	1177.5	1134.7	1089.7	1045.1	999.8	952.6	905.4
80°	1266.6	1264.8	1255.5	1231.9	1194.1	1150.7	1106.3	1061.9	1015.4	966.5	918.2
82.5°	1280.6	1279.0	1271.1	1252.7	1212.6	1163.4	1115.3	1068.6	1024.8	978.8	931.3
85°	1283.9	1285.2	1281.0	1259.6	1221.0	1172.6	1123.5	1077.7	1032.8	987.6	939.5
87.5°	1296.0	1293.2	1283.0	1265.0	1226.2	1181.0	1131.9	1083.3	1035.7	990.8	942.9
90°	1293.3	1291.9	1284.6	1267.2	1224.5	1178.4	1133.0	1082.9	1033.4	988.7	941.9
92.5°	1296.0	1293.2	1283.0	1265.0	1226.2	1181.0	1131.9	1083.3	1035.7	990.8	942.9
95°	1283.9	1285.2	1281.0	1259.6	1221.0	1172.6	1123.5	1077.7	1032.8	987.6	939.5
97.5°	1280.6	1279.0	1271.1	1252.7	1212.6	1163.4	1115.3	1068.6	1024.8	978.8	931.3
100°	1266.6	1264.8	1255.5	1231.9	1194.1	1150.7	1106.3	1061.9	1015.4	966.5	918.2
102.5°	1244.5	1244.1	1239.7	1215.3	1177.5	1134.7	1089.7	1045.1	999.8	952.6	905.4
105°	1233.2	1228.9	1218.7	1194.9	1157.2	1113.9	1066.7	1023.1	979.7	933.7	887.6
107.5°	1208.4	1200.6	1187.1	1166.5	1131.3	1086.5	1042.5	998.5	954.0	909.9	865.1
110°	1182.4	1169.9	1151.7	1126.3	1091.9	1054.7	1015.5	971.8	926.1	881.6	835.8



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**CANDELA DISTRIBUTION (continued):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
112.5°	1150.3	1133.4	1112.1	1086.1	1055.4	1020.5	981.7	940.4	897.4	850.0	800.3
115°	1112.9	1094.9	1072.4	1045.4	1014.2	980.2	943.9	904.8	860.7	813.7	762.6
117.5°	1064.8	1047.2	1025.2	999.2	969.4	936.6	899.2	860.0	816.7	770.5	713.6
120°	1010.7	996.5	972.4	946.4	916.3	882.7	846.3	808.2	764.2	713.0	658.8
122.5°	943.2	930.5	906.4	880.9	852.2	821.1	785.7	744.4	702.4	650.6	599.9
125°	849.7	841.9	821.2	798.7	771.9	741.9	708.9	672.1	629.5	585.8	542.1
127.5°	736.8	733.5	717.5	699.6	677.4	651.7	623.3	593.1	557.2	520.0	485.8
130°	615.2	616.4	607.3	596.1	580.5	560.7	537.1	513.7	488.1	458.4	428.3
132.5°	514.4	516.7	512.2	506.0	496.1	482.6	465.5	445.5	422.3	395.1	371.6
135°	446.2	447.3	443.6	438.1	429.5	417.6	402.1	385.5	364.7	343.6	321.4
137.5°	395.5	394.1	388.6	381.9	373.1	362.0	348.6	333.1	316.0	296.9	275.5
140°	344.7	342.8	337.4	331.1	322.8	312.6	300.4	286.2	270.9	255.0	238.0
142.5°	299.9	297.2	291.4	284.8	276.8	267.4	256.6	244.5	231.4	218.9	205.7
145°	253.2	250.8	245.9	240.5	233.9	226.3	217.6	208.1	197.7	188.2	178.7
147.5°	211.1	209.3	205.6	201.6	196.8	191.2	184.9	178.0	170.5	163.0	156.0
150°	176.4	175.2	172.6	169.7	166.1	162.0	157.5	152.4	147.0	141.3	137.1
152.5°	145.6	145.1	143.8	142.2	140.2	138.0	135.4	132.5	129.4	126.0	123.0
155°	124.3	124.3	123.6	122.8	121.7	120.3	118.8	117.0	115.1	113.1	111.0
157.5°	106.2	106.6	107.1	106.4	106.0	105.4	104.7	103.8	102.9	101.8	100.7
160°	90.9	91.7	92.5	92.1	92.1	91.9	91.5	91.0	90.4	89.7	88.9
162.5°	73.5	74.6	75.8	76.2	76.7	77.1	77.4	77.5	77.5	77.3	77.0
165°	60.8	61.9	63.0	63.7	64.4	65.0	65.5	65.8	66.0	66.1	66.0
167.5°	52.1	52.9	53.8	54.2	54.7	55.2	55.5	55.7	55.8	55.8	55.7
170°	43.4	44.0	44.6	45.2	45.2	45.4	45.5	45.6	45.6	45.5	45.2
172.5°	33.4	33.8	34.2	34.6	34.6	34.8	34.9	35.0	35.0	34.9	34.8
175°	24.7	24.9	25.2	25.4	25.7	25.2	25.1	25.0	24.8	24.6	24.3
177.5°	10.0	10.1	10.3	10.4	10.6	10.7	10.8	10.5	10.5	10.5	10.4
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	10.4	10.3	10.2	10.0	9.9	9.7	9.6	9.4	9.1	8.9	8.7
5°	24.0	23.6	23.2	22.7	22.2	21.6	21.0	20.3	19.6	18.9	18.1
7.5°	34.6	34.4	34.1	33.7	33.3	32.8	32.3	31.7	31.0	30.0	28.8
10°	44.9	44.6	44.1	43.5	42.8	42.1	41.3	40.5	39.7	38.7	37.7
12.5°	55.5	55.1	54.7	54.1	53.4	52.5	51.4	50.3	49.0	47.6	46.2
15°	65.8	65.4	64.9	64.3	63.5	62.6	61.5	60.3	58.9	57.3	55.5
17.5°	76.6	76.1	75.5	74.8	73.9	72.9	71.6	70.2	68.6	66.9	64.9
20°	88.1	87.3	86.5	85.6	84.6	83.4	82.1	80.4	78.6	76.6	74.4
22.5°	99.5	98.2	97.0	95.8	94.7	93.4	92.0	90.5	89.0	86.6	84.1
25°	109.3	107.8	106.2	104.6	103.2	101.9	100.7	99.6	97.9	96.1	94.5
27.5°	120.2	117.4	114.7	112.3	110.5	108.8	107.5	106.2	105.3	104.3	102.3
30°	132.8	128.4	124.3	120.9	117.8	114.8	113.0	111.5	111.5	112.5	113.3
32.5°	148.8	141.4	135.7	130.6	125.6	121.9	120.8	120.4	121.1	121.6	122.3
35°	168.7	159.0	150.6	142.2	136.9	134.8	132.3	131.6	130.8	131.0	131.4
37.5°	191.8	179.8	168.2	161.8	156.1	150.5	146.9	143.8	141.8	140.8	140.6
40°	220.7	205.9	195.4	186.6	178.2	170.3	163.7	158.0	154.2	151.4	150.2
42.5°	256.5	242.3	228.1	215.9	204.3	193.3	182.8	175.2	168.0	163.5	160.5
45°	302.3	282.4	265.1	247.9	232.8	218.3	205.9	193.5	184.8	176.9	171.7
47.5°	349.6	326.9	304.6	283.0	264.0	246.2	230.2	216.0	202.3	192.5	184.7
50°	397.6	371.0	345.2	320.6	297.5	275.6	256.1	238.8	223.3	209.2	198.3
52.5°	451.2	417.4	385.7	357.5	330.7	306.2	283.0	262.7	245.3	227.7	219.5
55°	502.4	464.7	428.4	393.9	363.7	335.8	309.8	287.5	271.9	258.8	248.7
57.5°	553.0	509.1	469.4	431.6	396.3	365.2	341.2	320.1	302.0	288.0	277.5
60°	602.1	552.5	507.2	466.5	432.1	400.6	372.9	350.3	331.5	316.3	304.9
62.5°	654.3	592.9	545.2	505.8	469.6	434.0	404.0	379.1	359.0	342.6	330.5
65°	701.6	641.4	584.7	542.4	504.5	467.8	433.1	405.1	384.4	368.0	355.7
67.5°	747.0	685.0	625.7	575.4	535.6	499.1	461.3	431.1	408.6	391.8	379.3
70°	783.1	722.2	661.9	604.7	563.3	526.5	489.4	455.1	430.4	413.6	401.4
72.5°	816.1	753.6	689.5	632.1	586.3	550.5	515.1	477.9	450.4	434.0	422.2
75°	839.3	782.4	713.3	652.5	604.6	570.9	534.6	494.8	466.8	450.3	440.0
77.5°	858.3	806.4	733.8	670.8	620.7	580.9	543.4	506.2	478.9	464.6	456.4
80°	872.2	821.9	756.0	687.8	633.0	589.5	550.5	514.2	488.0	477.0	471.7
82.5°	885.5	835.3	772.7	701.0	642.3	597.0	555.8	519.2	494.7	488.1	486.0
85°	894.8	845.6	783.7	710.5	648.7	602.8	559.2	521.7	499.6	498.1	499.7
87.5°	900.0	854.6	791.8	717.9	653.7	608.0	561.7	522.8	503.4	507.5	513.0
90°	901.2	854.4	789.6	717.4	653.3	608.6	560.5	521.7	507.0	517.0	526.4
92.5°	900.0	854.6	791.8	717.9	653.7	608.0	561.7	522.8	503.4	507.5	513.0
95°	894.8	845.6	783.7	710.5	648.7	602.8	559.2	521.7	499.6	498.1	499.7
97.5°	885.5	835.3	772.7	701.0	642.3	597.0	555.8	519.2	494.7	488.1	486.0
100°	872.2	821.9	756.0	687.8	633.0	589.5	550.5	514.2	488.0	477.0	471.7
102.5°	858.3	806.4	733.8	670.8	620.7	580.9	543.4	506.2	478.9	464.6	456.4
105°	839.3	782.4	713.3	652.5	604.6	570.9	534.6	494.8	466.8	450.3	440.0
107.5°	816.1	753.6	689.5	632.1	586.3	550.5	515.1	477.9	450.4	434.0	422.2
110°	783.1	722.2	661.9	604.7	563.3	526.5	489.4	455.1	430.4	413.6	401.4





TEST NUMBER: P231911

CATALOG NUMBER: FVS4WM-2-LD4-50-2LO-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°	747.0	685.0	625.7	575.4	535.6	499.1	461.3	431.1	408.6	391.8	379.3
115°	701.6	641.4	584.7	542.4	504.5	467.8	433.1	405.1	384.4	368.0	355.7
117.5°	654.3	592.9	545.2	505.8	469.6	434.0	404.0	379.1	359.0	342.6	330.5
120°	602.1	552.5	507.2	466.5	432.1	400.6	372.9	350.3	331.5	316.3	304.9
122.5°	553.0	509.1	469.4	431.6	396.3	365.2	341.2	320.1	302.0	288.0	277.5
125°	502.4	464.7	428.4	393.9	363.7	335.8	309.8	287.5	271.9	258.8	248.7
127.5°	451.2	417.4	385.7	357.5	330.7	306.2	283.0	262.7	245.3	227.7	219.5
130°	397.6	371.0	345.2	320.6	297.5	275.6	256.1	238.8	223.3	209.2	198.3
132.5°	349.6	326.9	304.6	283.0	264.0	246.2	230.2	216.0	202.3	192.5	184.7
135°	302.3	282.4	265.1	247.9	232.8	218.3	205.9	193.5	184.8	176.9	171.7
137.5°	256.5	242.3	228.1	215.9	204.3	193.3	182.8	175.2	168.0	163.5	160.5
140°	220.7	205.9	195.4	186.6	178.2	170.3	163.7	158.0	154.2	151.4	150.2
142.5°	191.8	179.8	168.2	161.8	156.1	150.5	146.9	143.8	141.8	140.8	140.6
145°	168.7	159.0	150.6	142.2	136.9	134.8	132.3	131.6	130.8	131.0	131.4
147.5°	148.8	141.4	135.7	130.6	125.6	121.9	120.8	120.4	121.1	121.6	122.3
150°	132.8	128.4	124.3	120.9	117.8	114.8	113.0	111.5	111.5	112.5	113.3
152.5°	120.2	117.4	114.7	112.3	110.5	108.8	107.5	106.2	105.3	104.3	102.3
155°	109.3	107.8	106.2	104.6	103.2	101.9	100.7	99.6	97.9	96.1	94.5
157.5°	99.5	98.2	97.0	95.8	94.7	93.4	92.0	90.5	89.0	86.6	84.1
160°	88.1	87.3	86.5	85.6	84.6	83.4	82.1	80.4	78.6	76.6	74.4
162.5°	76.6	76.1	75.5	74.8	73.9	72.9	71.6	70.2	68.6	66.9	64.9
165°	65.8	65.4	64.9	64.3	63.5	62.6	61.5	60.3	58.9	57.3	55.5
167.5°	55.5	55.1	54.7	54.1	53.4	52.5	51.4	50.3	49.0	47.6	46.2
170°	44.9	44.6	44.1	43.5	42.8	42.1	41.3	40.5	39.7	38.7	37.7
172.5°	34.6	34.4	34.1	33.7	33.3	32.8	32.3	31.7	31.0	30.0	28.8
175°	24.0	23.6	23.2	22.7	22.2	21.6	21.0	20.3	19.6	18.9	18.1
177.5°	10.4	10.3	10.2	10.0	9.9	9.7	9.6	9.4	9.1	8.9	8.7
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: P231911

CATALOG NUMBER: FVS4WM-2-LD4-50-2LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	8.4	8.1	7.8	7.5	7.2	6.9	6.5	6.2	5.8	5.4	5.0
5°	17.3	16.4	15.5	14.9	14.3	13.6	12.9	12.2	11.5	10.7	10.0
7.5°	27.6	26.3	25.0	23.7	22.3	20.8	19.3	18.2	17.1	16.0	14.8
10°	36.6	35.4	34.2	32.4	30.5	28.6	26.7	24.7	22.7	21.2	19.7
12.5°	44.7	43.2	41.6	40.0	38.2	36.1	33.8	31.4	29.0	26.5	24.4
15°	53.6	51.6	49.7	47.4	45.2	42.9	40.6	37.8	35.0	32.1	29.2
17.5°	63.2	60.4	57.9	55.2	52.4	49.7	46.9	43.9	40.8	37.6	34.3
20°	71.9	69.3	66.5	63.4	60.1	56.7	53.4	49.9	46.3	42.8	39.2
22.5°	81.3	78.3	75.1	71.8	68.0	64.1	60.1	56.1	51.9	47.8	43.9
25°	91.0	87.6	84.0	80.1	77.0	73.6	69.9	66.1	62.3	58.3	54.5
27.5°	101.4	99.3	96.5	93.4	90.1	86.6	82.7	78.5	74.4	70.2	65.9
30°	112.7	111.7	109.7	106.5	103.0	99.2	95.2	90.8	86.6	81.8	77.3
32.5°	123.1	122.7	121.6	119.2	115.6	111.7	107.5	102.9	98.1	93.3	88.6
35°	132.0	132.7	132.1	131.0	127.9	124.0	119.5	115.1	109.8	104.7	99.7
37.5°	141.0	141.6	142.1	141.2	140.2	135.8	131.4	126.5	121.3	115.9	110.8
40°	150.0	150.4	150.9	151.2	150.1	147.4	143.1	138.0	132.7	127.0	121.7
42.5°	159.1	159.2	159.6	160.2	159.8	158.8	154.3	149.4	143.8	138.1	132.4
45°	169.1	167.8	168.3	168.8	169.2	168.3	165.3	160.6	154.9	149.0	143.1
47.5°	178.8	177.2	176.8	177.5	177.9	178.8	179.0	175.2	169.5	162.7	155.3
50°	191.2	187.8	192.5	197.7	200.7	201.3	200.2	194.8	187.2	178.1	168.4
52.5°	215.6	216.9	222.0	226.3	227.8	225.3	221.9	215.3	205.7	194.1	182.1
55°	244.0	245.6	250.7	256.3	256.5	251.3	244.8	236.6	225.1	210.7	196.2
57.5°	271.7	271.8	278.7	286.0	285.9	279.1	268.7	258.6	244.9	228.0	210.8
60°	297.5	296.9	305.5	314.4	316.5	308.5	293.7	281.1	265.1	245.7	225.6
62.5°	323.4	322.7	330.5	342.3	348.0	339.5	319.9	304.0	285.7	263.8	240.8
65°	348.3	346.9	353.8	369.8	380.2	370.1	347.8	327.5	306.6	282.3	256.1
67.5°	371.4	369.9	375.9	395.9	408.5	400.7	376.6	351.5	327.9	301.0	271.7
70°	393.4	392.8	399.9	419.1	431.1	421.8	393.6	362.4	335.2	306.3	275.2
72.5°	414.0	411.9	416.9	428.8	436.6	426.8	398.2	365.0	336.9	307.9	276.5
75°	432.4	429.2	433.1	441.0	443.9	432.1	402.3	367.3	338.3	309.2	277.6
77.5°	450.2	446.3	449.4	455.4	452.6	437.7	405.9	369.5	339.3	310.2	278.3
80°	467.6	463.3	465.8	471.4	462.4	443.2	409.0	371.3	340.0	310.8	278.7
82.5°	484.5	480.1	482.4	488.7	472.8	448.7	411.5	372.8	340.4	311.1	279.7
85°	501.1	496.9	499.1	506.6	483.5	455.2	414.7	374.8	341.1	311.7	279.1
87.5°	517.6	513.6	515.9	525.0	494.6	458.8	415.1	374.8	340.2	310.8	278.5
90°	533.7	530.4	533.1	542.4	504.4	462.3	415.5	374.8	339.4	310.0	277.9
92.5°	517.6	513.6	515.9	525.0	494.6	458.8	415.1	374.8	340.2	310.8	278.5
95°	501.1	496.9	499.1	506.6	483.5	455.2	414.7	374.8	341.1	311.7	279.1
97.5°	484.5	480.1	482.4	488.7	472.8	448.7	411.5	372.8	340.4	311.1	279.7
100°	467.6	463.3	465.8	471.4	462.4	443.2	409.0	371.3	340.0	310.8	278.7
102.5°	450.2	446.3	449.4	455.4	452.6	437.7	405.9	369.5	339.3	310.2	278.3
105°	432.4	429.2	433.1	441.0	443.9	432.1	402.3	367.3	338.3	309.2	277.6
107.5°	414.0	411.9	416.9	428.8	436.6	426.8	398.2	365.0	336.9	307.9	276.5
110°	393.4	392.8	399.9	419.1	431.1	421.8	393.6	362.4	335.2	306.3	275.2



TEST NUMBER: P231911

CATALOG NUMBER: FVS4WM-2-LD4-50-2LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	371.4	369.9	375.9	395.9	408.5	400.7	376.6	351.5	327.9	301.0	271.7
115°	348.3	346.9	353.8	369.8	380.2	370.1	347.8	327.5	306.6	282.3	256.1
117.5°	323.4	322.7	330.5	342.3	348.0	339.5	319.9	304.0	285.7	263.8	240.8
120°	297.5	296.9	305.5	314.4	316.5	308.5	293.7	281.1	265.1	245.7	225.6
122.5°	271.7	271.8	278.7	286.0	285.9	279.1	268.7	258.6	244.9	228.0	210.8
125°	244.0	245.6	250.7	256.3	256.5	251.3	244.8	236.6	225.1	210.7	196.2
127.5°	215.6	216.9	222.0	226.3	227.8	225.3	221.9	215.3	205.7	194.1	182.1
130°	191.2	187.8	192.5	197.7	200.7	201.3	200.2	194.8	187.2	178.1	168.4
132.5°	178.8	177.2	176.8	177.5	177.9	178.8	179.0	175.2	169.5	162.7	155.3
135°	169.1	167.8	168.3	168.8	169.2	168.3	165.3	160.6	154.9	149.0	143.1
137.5°	159.1	159.2	159.6	160.2	159.8	158.8	154.3	149.4	143.8	138.1	132.4
140°	150.0	150.4	150.9	151.2	150.1	147.4	143.1	138.0	132.7	127.0	121.7
142.5°	141.0	141.6	142.1	141.2	140.2	135.8	131.4	126.5	121.3	115.9	110.8
145°	132.0	132.7	132.1	131.0	127.9	124.0	119.5	115.1	109.8	104.7	99.7
147.5°	123.1	122.7	121.6	119.2	115.6	111.7	107.5	102.9	98.1	93.3	88.6
150°	112.7	111.7	109.7	106.5	103.0	99.2	95.2	90.8	86.6	81.8	77.3
152.5°	101.4	99.3	96.5	93.4	90.1	86.6	82.7	78.5	74.4	70.2	65.9
155°	91.0	87.6	84.0	80.1	77.0	73.6	69.9	66.1	62.3	58.3	54.5
157.5°	81.3	78.3	75.1	71.8	68.0	64.1	60.1	56.1	51.9	47.8	43.9
160°	71.9	69.3	66.5	63.4	60.1	56.7	53.4	49.9	46.3	42.8	39.2
162.5°	63.2	60.4	57.9	55.2	52.4	49.7	46.9	43.9	40.8	37.6	34.3
165°	53.6	51.6	49.7	47.4	45.2	42.9	40.6	37.8	35.0	32.1	29.2
167.5°	44.7	43.2	41.6	40.0	38.2	36.1	33.8	31.4	29.0	26.5	24.4
170°	36.6	35.4	34.2	32.4	30.5	28.6	26.7	24.7	22.7	21.2	19.7
172.5°	27.6	26.3	25.0	23.7	22.3	20.8	19.3	18.2	17.1	16.0	14.8
175°	17.3	16.4	15.5	14.9	14.3	13.6	12.9	12.2	11.5	10.7	10.0
177.5°	8.4	8.1	7.8	7.5	7.2	6.9	6.5	6.2	5.8	5.4	5.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231911

CATALOG NUMBER: FVS4WM-2-LD4-50-2LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	4.6	4.2	3.8	3.3	3.3	3.3	3.3	3.2	3.2	3.2	3.1
5°	9.2	8.4	7.5	6.7	6.6	6.6	6.5	6.4	6.3	6.2	6.0
7.5°	13.7	12.5	11.3	10.0	9.9	9.8	9.6	9.4	9.2	9.0	8.8
10°	18.1	16.6	15.0	13.4	13.2	12.9	12.6	12.4	12.1	11.8	11.6
12.5°	22.6	20.6	18.7	16.7	16.4	16.0	15.6	15.2	14.8	14.6	14.4
15°	26.9	24.7	22.4	20.1	19.6	19.1	18.5	18.0	17.7	17.4	17.1
17.5°	31.2	28.7	26.1	23.4	22.8	22.1	21.3	20.9	20.6	20.2	19.8
20°	35.6	32.6	29.7	26.8	25.9	25.0	24.2	23.8	23.4	23.0	22.5
22.5°	40.0	36.6	33.4	30.1	29.0	27.9	27.1	26.7	26.2	25.7	25.2
25°	50.7	46.9	43.5	39.8	38.3	36.6	35.4	34.3	33.2	32.0	30.7
27.5°	61.8	57.6	53.6	49.5	47.5	45.4	43.9	42.4	40.9	39.4	37.7
30°	72.8	68.2	63.8	59.3	56.7	54.0	52.3	50.4	48.5	46.5	44.3
32.5°	83.8	78.9	74.0	69.0	65.8	62.7	60.5	58.2	55.8	53.3	50.6
35°	94.7	89.5	84.2	78.7	74.9	71.3	68.6	65.8	62.9	59.8	56.5
37.5°	105.5	100.1	94.4	88.4	84.0	79.9	76.6	73.2	69.9	66.0	62.3
40°	116.3	110.7	104.6	98.2	93.0	88.3	84.5	80.5	76.4	72.0	68.0
42.5°	127.1	121.2	114.8	107.9	101.9	96.7	92.4	87.7	82.8	77.9	73.4
45°	137.7	131.7	125.1	117.6	110.9	105.1	99.9	94.7	89.0	83.5	78.6
47.5°	148.2	140.8	132.9	124.2	116.1	109.3	103.4	97.6	91.9	86.7	81.7
50°	159.1	150.0	140.7	130.8	121.2	113.2	106.2	99.6	93.4	88.4	83.0
52.5°	170.3	159.2	148.6	137.4	126.2	117.0	108.9	101.5	95.0	90.1	84.5
55°	181.9	168.6	156.6	144.0	131.1	120.7	111.6	103.5	96.8	92.0	86.4
57.5°	193.7	178.1	164.6	150.6	136.1	124.4	114.1	105.4	98.7	94.0	88.6
60°	205.9	187.7	172.6	157.2	140.9	127.9	116.5	107.4	100.8	96.1	91.3
62.5°	218.2	197.3	180.6	163.8	145.8	131.4	118.9	109.4	103.0	98.4	93.9
65°	230.7	207.0	188.7	170.4	150.6	134.8	121.2	111.4	105.2	100.9	97.0
67.5°	243.4	216.8	196.7	177.0	155.3	138.2	123.5	113.4	107.5	103.6	100.3
70°	246.4	219.1	197.6	176.6	154.4	137.3	122.7	113.0	107.2	103.6	101.0
72.5°	248.4	221.1	198.4	176.3	153.4	136.4	121.7	112.2	106.4	102.7	100.2
75°	250.3	223.1	200.0	175.9	152.4	135.5	120.9	111.5	105.5	101.8	99.5
77.5°	251.9	225.1	200.5	175.5	151.5	134.6	120.1	110.9	104.7	100.9	98.8
80°	253.3	227.8	201.0	175.2	150.6	133.9	119.4	110.4	103.8	100.0	98.2
82.5°	255.2	229.3	201.5	174.8	149.8	133.2	118.8	109.9	103.0	99.2	97.7
85°	255.9	230.8	202.1	174.4	149.0	132.6	118.3	109.5	102.2	98.4	97.2
87.5°	256.5	232.3	202.6	174.1	148.3	132.1	117.9	109.2	101.5	97.6	96.7
90°	257.2	233.8	203.1	173.7	147.6	131.6	117.6	108.9	100.9	96.9	96.2
92.5°	256.5	232.3	202.6	174.1	148.3	132.1	117.9	109.2	101.5	97.6	96.7
95°	255.9	230.8	202.1	174.4	149.0	132.6	118.3	109.5	102.2	98.4	97.2
97.5°	255.2	229.3	201.5	174.8	149.8	133.2	118.8	109.9	103.0	99.2	97.7
100°	253.3	227.8	201.0	175.2	150.6	133.9	119.4	110.4	103.8	100.0	98.2
102.5°	251.9	225.1	200.5	175.5	151.5	134.6	120.1	110.9	104.7	100.9	98.8
105°	250.3	223.1	200.0	175.9	152.4	135.5	120.9	111.5	105.5	101.8	99.5
107.5°	248.4	221.1	198.4	176.3	153.4	136.4	121.7	112.2	106.4	102.7	100.2
110°	246.4	219.1	197.6	176.6	154.4	137.3	122.7	113.0	107.2	103.6	101.0



TEST NUMBER: P231911

CATALOG NUMBER: FVS4WM-2-LD4-50-2LO-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°	243.4	216.8	196.7	177.0	155.3	138.2	123.5	113.4	107.5	103.6	100.3
115°	230.7	207.0	188.7	170.4	150.6	134.8	121.2	111.4	105.2	100.9	97.0
117.5°	218.2	197.3	180.6	163.8	145.8	131.4	118.9	109.4	103.0	98.4	93.9
120°	205.9	187.7	172.6	157.2	140.9	127.9	116.5	107.4	100.8	96.1	91.3
122.5°	193.7	178.1	164.6	150.6	136.1	124.4	114.1	105.4	98.7	94.0	88.6
125°	181.9	168.6	156.6	144.0	131.1	120.7	111.6	103.5	96.8	92.0	86.4
127.5°	170.3	159.2	148.6	137.4	126.2	117.0	108.9	101.5	95.0	90.1	84.5
130°	159.1	150.0	140.7	130.8	121.2	113.2	106.2	99.6	93.4	88.4	83.0
132.5°	148.2	140.8	132.9	124.2	116.1	109.3	103.4	97.6	91.9	86.7	81.7
135°	137.7	131.7	125.1	117.6	110.9	105.1	99.9	94.7	89.0	83.5	78.6
137.5°	127.1	121.2	114.8	107.9	101.9	96.7	92.4	87.7	82.8	77.9	73.4
140°	116.3	110.7	104.6	98.2	93.0	88.3	84.5	80.5	76.4	72.0	68.0
142.5°	105.5	100.1	94.4	88.4	84.0	79.9	76.6	73.2	69.9	66.0	62.3
145°	94.7	89.5	84.2	78.7	74.9	71.3	68.6	65.8	62.9	59.8	56.5
147.5°	83.8	78.9	74.0	69.0	65.8	62.7	60.5	58.2	55.8	53.3	50.6
150°	72.8	68.2	63.8	59.3	56.7	54.0	52.3	50.4	48.5	46.5	44.3
152.5°	61.8	57.6	53.6	49.5	47.5	45.4	43.9	42.4	40.9	39.4	37.7
155°	50.7	46.9	43.5	39.8	38.3	36.6	35.4	34.3	33.2	32.0	30.7
157.5°	40.0	36.6	33.4	30.1	29.0	27.9	27.1	26.7	26.2	25.7	25.2
160°	35.6	32.6	29.7	26.8	25.9	25.0	24.2	23.8	23.4	23.0	22.5
162.5°	31.2	28.7	26.1	23.4	22.8	22.1	21.3	20.9	20.6	20.2	19.8
165°	26.9	24.7	22.4	20.1	19.6	19.1	18.5	18.0	17.7	17.4	17.1
167.5°	22.6	20.6	18.7	16.7	16.4	16.0	15.6	15.2	14.8	14.6	14.4
170°	18.1	16.6	15.0	13.4	13.2	12.9	12.6	12.4	12.1	11.8	11.6
172.5°	13.7	12.5	11.3	10.0	9.9	9.8	9.6	9.4	9.2	9.0	8.8
175°	9.2	8.4	7.5	6.7	6.6	6.6	6.5	6.4	6.3	6.2	6.0
177.5°	4.6	4.2	3.8	3.3	3.3	3.3	3.3	3.2	3.2	3.2	3.1
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: P231911

CATALOG NUMBER: FVS4WM-2-LD4-50-2LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	3.0	3.0	2.9	2.8	2.8	2.7	2.6	2.5	2.4	2.3	2.2
5°	5.9	5.8	5.6	5.4	5.3	5.1	5.0	4.8	4.6	4.5	4.3
7.5°	8.6	8.4	8.2	8.0	7.8	7.6	7.4	7.1	6.8	6.6	6.3
10°	11.4	11.1	10.9	10.6	10.3	10.0	9.7	9.4	9.0	8.7	8.3
12.5°	14.1	13.8	13.5	13.1	12.8	12.4	12.0	11.6	11.1	10.7	10.2
15°	16.8	16.4	16.0	15.6	15.2	14.7	14.2	13.7	13.2	12.6	12.0
17.5°	19.4	19.0	18.5	18.0	17.5	16.9	16.4	15.8	15.1	14.5	13.8
20°	22.1	21.6	21.0	20.4	19.8	19.1	18.5	17.8	17.1	16.3	15.6
22.5°	24.7	24.1	23.4	22.7	22.0	21.3	20.5	19.8	18.9	18.1	17.3
25°	29.3	27.9	26.4	25.0	24.2	23.4	22.6	21.7	20.8	19.9	19.0
27.5°	35.9	34.1	32.3	30.6	28.7	26.9	25.2	23.6	22.7	21.7	20.6
30°	42.1	40.0	37.9	35.6	33.3	31.1	29.1	27.2	25.4	23.7	22.0
32.5°	48.0	45.5	42.8	39.9	37.2	34.7	32.3	30.2	28.1	26.0	24.0
35°	53.6	50.6	47.1	43.7	40.6	37.7	35.1	32.6	30.2	27.9	25.9
37.5°	59.0	55.1	50.9	47.1	43.5	40.3	37.4	34.6	32.0	29.6	27.5
40°	64.0	59.0	54.3	49.9	46.1	42.5	39.3	36.3	33.5	31.1	28.9
42.5°	68.3	62.5	57.3	52.6	48.3	44.6	41.0	37.7	34.9	32.3	30.1
45°	72.2	65.9	59.9	54.9	50.4	46.3	42.5	39.0	36.1	33.5	31.1
47.5°	75.1	68.7	62.5	56.9	52.3	47.8	43.6	40.3	37.2	34.5	31.9
50°	76.6	70.5	64.6	59.2	54.3	49.1	44.9	41.4	38.3	35.3	32.5
52.5°	78.5	72.7	66.9	61.7	56.6	51.6	47.4	43.3	39.2	35.9	32.9
55°	80.8	75.2	69.5	64.3	59.2	54.7	50.7	46.8	42.2	37.7	33.3
57.5°	83.5	78.0	72.4	67.1	61.9	58.2	54.4	50.1	45.2	40.3	35.6
60°	86.5	80.9	75.4	70.1	65.5	62.1	58.4	53.4	48.0	42.7	37.7
62.5°	89.6	84.0	78.5	73.3	69.4	66.2	62.1	56.5	50.6	45.0	39.7
65°	92.8	87.3	81.8	76.6	73.6	70.5	65.6	59.5	53.1	47.3	41.5
67.5°	96.2	90.7	85.2	80.4	78.0	75.0	69.1	62.3	55.7	49.3	43.2
70°	97.5	92.7	88.0	84.5	82.5	79.2	72.7	65.1	58.3	51.2	45.0
72.5°	96.8	92.4	88.1	85.0	83.1	79.8	73.9	67.1	60.6	53.1	46.7
75°	96.3	92.4	88.3	85.5	83.2	79.3	73.5	67.0	60.2	53.4	47.7
77.5°	96.1	92.5	88.7	85.9	83.3	79.1	73.5	67.1	60.1	53.5	48.0
80°	95.9	92.8	89.2	86.3	83.4	79.1	73.8	67.4	60.2	53.9	48.6
82.5°	95.9	93.2	89.8	86.7	83.5	79.3	74.4	67.9	60.6	54.6	49.4
85°	95.9	93.7	90.5	87.2	83.7	79.6	75.2	68.6	61.3	55.5	50.5
87.5°	96.1	94.3	91.3	87.7	83.9	80.2	76.3	69.6	62.3	56.7	51.8
90°	96.2	94.9	92.2	88.2	84.2	80.8	77.5	70.8	63.5	58.1	53.4
92.5°	96.1	94.3	91.3	87.7	83.9	80.2	76.3	69.6	62.3	56.7	51.8
95°	95.9	93.7	90.5	87.2	83.7	79.6	75.2	68.6	61.3	55.5	50.5
97.5°	95.9	93.2	89.8	86.7	83.5	79.3	74.4	67.9	60.6	54.6	49.4
100°	95.9	92.8	89.2	86.3	83.4	79.1	73.8	67.4	60.2	53.9	48.6
102.5°	96.1	92.5	88.7	85.9	83.3	79.1	73.5	67.1	60.1	53.5	48.0
105°	96.3	92.4	88.3	85.5	83.2	79.3	73.5	67.0	60.2	53.4	47.7
107.5°	96.8	92.4	88.1	85.0	83.1	79.8	73.9	67.1	60.6	53.1	46.7
110°	97.5	92.7	88.0	84.5	82.5	79.2	72.7	65.1	58.3	51.2	45.0



TEST NUMBER: P231911

CATALOG NUMBER: FVS4WM-2-LD4-50-2LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	96.2	90.7	85.2	80.4	78.0	75.0	69.1	62.3	55.7	49.3	43.2
115°	92.8	87.3	81.8	76.6	73.6	70.5	65.6	59.5	53.1	47.3	41.5
117.5°	89.6	84.0	78.5	73.3	69.4	66.2	62.1	56.5	50.6	45.0	39.7
120°	86.5	80.9	75.4	70.1	65.5	62.1	58.4	53.4	48.0	42.7	37.7
122.5°	83.5	78.0	72.4	67.1	61.9	58.2	54.4	50.1	45.2	40.3	35.6
125°	80.8	75.2	69.5	64.3	59.2	54.7	50.7	46.8	42.2	37.7	33.3
127.5°	78.5	72.7	66.9	61.7	56.6	51.6	47.4	43.3	39.2	35.9	32.9
130°	76.6	70.5	64.6	59.2	54.3	49.1	44.9	41.4	38.3	35.3	32.5
132.5°	75.1	68.7	62.5	56.9	52.3	47.8	43.6	40.3	37.2	34.5	31.9
135°	72.2	65.9	59.9	54.9	50.4	46.3	42.5	39.0	36.1	33.5	31.1
137.5°	68.3	62.5	57.3	52.6	48.3	44.6	41.0	37.7	34.9	32.3	30.1
140°	64.0	59.0	54.3	49.9	46.1	42.5	39.3	36.3	33.5	31.1	28.9
142.5°	59.0	55.1	50.9	47.1	43.5	40.3	37.4	34.6	32.0	29.6	27.5
145°	53.6	50.6	47.1	43.7	40.6	37.7	35.1	32.6	30.2	27.9	25.9
147.5°	48.0	45.5	42.8	39.9	37.2	34.7	32.3	30.2	28.1	26.0	24.0
150°	42.1	40.0	37.9	35.6	33.3	31.1	29.1	27.2	25.4	23.7	22.0
152.5°	35.9	34.1	32.3	30.6	28.7	26.9	25.2	23.6	22.7	21.7	20.6
155°	29.3	27.9	26.4	25.0	24.2	23.4	22.6	21.7	20.8	19.9	19.0
157.5°	24.7	24.1	23.4	22.7	22.0	21.3	20.5	19.8	18.9	18.1	17.3
160°	22.1	21.6	21.0	20.4	19.8	19.1	18.5	17.8	17.1	16.3	15.6
162.5°	19.4	19.0	18.5	18.0	17.5	16.9	16.4	15.8	15.1	14.5	13.8
165°	16.8	16.4	16.0	15.6	15.2	14.7	14.2	13.7	13.2	12.6	12.0
167.5°	14.1	13.8	13.5	13.1	12.8	12.4	12.0	11.6	11.1	10.7	10.2
170°	11.4	11.1	10.9	10.6	10.3	10.0	9.7	9.4	9.0	8.7	8.3
172.5°	8.6	8.4	8.2	8.0	7.8	7.6	7.4	7.1	6.8	6.6	6.3
175°	5.9	5.8	5.6	5.4	5.3	5.1	5.0	4.8	4.6	4.5	4.3
177.5°	3.0	3.0	2.9	2.8	2.8	2.7	2.6	2.5	2.4	2.3	2.2
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: P231911

CATALOG NUMBER: FVS4WM-2-LD4-50-2LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	2.1	2.0	1.9	1.8	1.7	1.5	1.4	1.3	1.2	1.0	0.9
5°	4.1	3.9	3.7	3.4	3.2	3.0	2.8	2.5	2.3	2.0	1.8
7.5°	6.0	5.7	5.4	5.1	4.7	4.4	4.1	3.7	3.4	3.0	2.6
10°	7.9	7.5	7.1	6.7	6.2	5.8	5.3	4.9	4.4	3.9	3.4
12.5°	9.7	9.2	8.7	8.2	7.6	7.1	6.5	6.0	5.4	4.8	4.2
15°	11.5	10.9	10.2	9.6	9.0	8.3	7.7	7.0	6.3	5.6	5.0
17.5°	13.2	12.5	11.8	11.0	10.3	9.6	8.8	8.0	7.3	6.5	5.7
20°	14.8	14.0	13.2	12.4	11.6	10.8	9.9	9.0	8.2	7.3	6.4
22.5°	16.4	15.6	14.7	13.8	12.8	11.9	10.9	10.0	8.9	7.9	6.9
25°	18.0	17.1	16.1	15.0	13.9	12.8	11.7	10.6	9.6	8.5	7.5
27.5°	19.6	18.4	17.1	15.9	14.8	13.7	12.6	11.5	10.3	9.2	8.1
30°	20.7	19.4	18.2	17.0	15.9	14.7	13.5	12.3	11.1	9.9	8.7
32.5°	22.2	20.7	19.4	18.2	16.9	15.7	14.4	13.1	11.8	10.5	9.2
35°	24.0	22.3	20.7	19.3	18.0	16.7	15.3	13.9	12.6	11.2	9.8
37.5°	25.6	23.8	22.1	20.6	19.1	17.6	16.2	14.7	13.2	11.8	10.3
40°	26.9	25.0	23.3	21.6	20.0	18.5	17.0	15.5	14.0	12.4	10.9
42.5°	28.0	26.0	24.1	22.3	20.7	19.2	17.8	16.3	14.7	13.0	11.4
45°	28.8	26.7	24.6	22.8	21.1	19.6	18.2	16.9	15.2	13.3	11.5
47.5°	29.4	27.1	25.0	23.0	21.3	19.8	18.2	16.7	15.2	13.3	11.4
50°	29.8	27.3	25.1	23.1	21.3	19.5	17.8	16.3	14.8	13.6	11.9
52.5°	30.0	27.3	25.1	23.0	21.0	19.2	17.5	16.1	14.9	13.5	11.9
55°	30.0	27.4	25.0	22.7	20.7	19.0	17.6	16.2	14.5	13.0	11.5
57.5°	31.3	27.4	24.7	22.5	20.7	19.2	17.5	15.7	14.3	12.8	11.4
60°	33.2	29.1	25.5	22.5	21.0	19.1	17.2	15.9	14.4	12.9	11.3
62.5°	34.9	30.6	27.0	24.0	21.3	19.0	17.7	16.1	14.5	12.8	11.0
65°	36.5	32.1	28.4	25.1	22.1	20.0	18.1	16.3	14.5	12.5	10.5
67.5°	38.0	33.6	29.5	26.0	23.1	20.8	18.6	16.5	14.4	12.2	10.1
70°	39.6	34.8	30.5	26.9	23.9	21.3	18.8	16.4	14.1	11.9	9.6
72.5°	41.2	35.9	31.5	27.8	24.6	21.6	18.9	15.9	13.5	11.4	9.2
75°	42.3	36.9	32.6	28.5	25.1	21.8	18.5	15.4	12.8	10.4	7.9
77.5°	42.6	37.5	33.2	29.1	25.5	21.9	18.0	14.9	12.0	9.2	6.7
80°	43.2	38.2	33.6	29.4	25.6	21.7	17.8	14.4	11.2	8.1	5.4
82.5°	44.0	39.0	34.2	29.8	25.7	21.5	17.7	14.0	10.4	7.1	4.3
85°	45.1	40.1	35.0	30.3	26.0	21.6	17.7	13.7	9.8	6.2	3.4
87.5°	46.5	41.3	36.1	31.1	26.6	22.0	18.1	13.7	9.4	5.5	2.9
90°	48.1	42.8	37.4	32.1	27.4	22.7	18.7	14.0	9.4	5.3	2.7
92.5°	46.5	41.3	36.1	31.1	26.6	22.0	18.1	13.7	9.4	5.5	2.9
95°	45.1	40.1	35.0	30.3	26.0	21.6	17.7	13.7	9.8	6.2	3.4
97.5°	44.0	39.0	34.2	29.8	25.7	21.5	17.7	14.0	10.4	7.1	4.3
100°	43.2	38.2	33.6	29.4	25.6	21.7	17.8	14.4	11.2	8.1	5.4
102.5°	42.6	37.5	33.2	29.1	25.5	21.9	18.0	14.9	12.0	9.2	6.7
105°	42.3	36.9	32.6	28.5	25.1	21.8	18.5	15.4	12.8	10.4	7.9
107.5°	41.2	35.9	31.5	27.8	24.6	21.6	18.9	15.9	13.5	11.4	9.2
110°	39.6	34.8	30.5	26.9	23.9	21.3	18.8	16.4	14.1	11.9	9.6





TEST NUMBER: P231911

CATALOG NUMBER: FVS4WM-2-LD4-50-2LO-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°	38.0	33.6	29.5	26.0	23.1	20.8	18.6	16.5	14.4	12.2	10.1
115°	36.5	32.1	28.4	25.1	22.1	20.0	18.1	16.3	14.5	12.5	10.5
117.5°	34.9	30.6	27.0	24.0	21.3	19.0	17.7	16.1	14.5	12.8	11.0
120°	33.2	29.1	25.5	22.5	21.0	19.1	17.2	15.9	14.4	12.9	11.3
122.5°	31.3	27.4	24.7	22.5	20.7	19.2	17.5	15.7	14.3	12.8	11.4
125°	30.0	27.4	25.0	22.7	20.7	19.0	17.6	16.2	14.5	13.0	11.5
127.5°	30.0	27.3	25.1	23.0	21.0	19.2	17.5	16.1	14.9	13.5	11.9
130°	29.8	27.3	25.1	23.1	21.3	19.5	17.8	16.3	14.8	13.6	11.9
132.5°	29.4	27.1	25.0	23.0	21.3	19.8	18.2	16.7	15.2	13.3	11.4
135°	28.8	26.7	24.6	22.8	21.1	19.6	18.2	16.9	15.2	13.3	11.5
137.5°	28.0	26.0	24.1	22.3	20.7	19.2	17.8	16.3	14.7	13.0	11.4
140°	26.9	25.0	23.3	21.6	20.0	18.5	17.0	15.5	14.0	12.4	10.9
142.5°	25.6	23.8	22.1	20.6	19.1	17.6	16.2	14.7	13.2	11.8	10.3
145°	24.0	22.3	20.7	19.3	18.0	16.7	15.3	13.9	12.6	11.2	9.8
147.5°	22.2	20.7	19.4	18.2	16.9	15.7	14.4	13.1	11.8	10.5	9.2
150°	20.7	19.4	18.2	17.0	15.9	14.7	13.5	12.3	11.1	9.9	8.7
152.5°	19.6	18.4	17.1	15.9	14.8	13.7	12.6	11.5	10.3	9.2	8.1
155°	18.0	17.1	16.1	15.0	13.9	12.8	11.7	10.6	9.6	8.5	7.5
157.5°	16.4	15.6	14.7	13.8	12.8	11.9	10.9	10.0	8.9	7.9	6.9
160°	14.8	14.0	13.2	12.4	11.6	10.8	9.9	9.0	8.2	7.3	6.4
162.5°	13.2	12.5	11.8	11.0	10.3	9.6	8.8	8.0	7.3	6.5	5.7
165°	11.5	10.9	10.2	9.6	9.0	8.3	7.7	7.0	6.3	5.6	5.0
167.5°	9.7	9.2	8.7	8.2	7.6	7.1	6.5	6.0	5.4	4.8	4.2
170°	7.9	7.5	7.1	6.7	6.2	5.8	5.3	4.9	4.4	3.9	3.4
172.5°	6.0	5.7	5.4	5.1	4.7	4.4	4.1	3.7	3.4	3.0	2.6
175°	4.1	3.9	3.7	3.4	3.2	3.0	2.8	2.5	2.3	2.0	1.8
177.5°	2.1	2.0	1.9	1.8	1.7	1.5	1.4	1.3	1.2	1.0	0.9
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: P231911

CATALOG NUMBER: FVS4WM-2-LD4-50-2LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	0.8	0.7	0.5	0.4	0.3	0.1	0.0	0.1	0.3	0.4	0.5
5°	1.5	1.3	1.0	0.8	0.5	0.3	0.0	0.3	0.5	0.8	1.0
7.5°	2.3	1.9	1.5	1.1	0.8	0.4	0.0	0.4	0.8	1.1	1.5
10°	3.0	2.5	2.0	1.5	1.0	0.5	0.0	0.5	1.0	1.5	2.0
12.5°	3.6	3.0	2.4	1.8	1.2	0.6	0.0	0.6	1.2	1.8	2.4
15°	4.3	3.6	2.8	2.1	1.4	0.7	0.0	0.7	1.4	2.1	2.8
17.5°	4.9	4.1	3.3	2.5	1.6	0.8	0.0	0.8	1.6	2.5	3.3
20°	5.5	4.6	3.7	2.8	1.8	0.9	0.0	0.9	1.8	2.8	3.7
22.5°	5.9	4.9	3.9	3.0	2.0	1.0	0.0	1.0	2.0	3.0	3.9
25°	6.4	5.3	4.3	3.2	2.1	1.1	0.0	1.1	2.1	3.2	4.3
27.5°	6.9	5.8	4.6	3.5	2.3	1.2	0.0	1.2	2.3	3.5	4.6
30°	7.4	6.2	5.0	3.7	2.5	1.2	0.0	1.2	2.5	3.7	5.0
32.5°	7.9	6.6	5.3	4.0	2.6	1.3	0.0	1.3	2.6	4.0	5.3
35°	8.4	7.0	5.6	4.2	2.8	1.4	0.0	1.4	2.8	4.2	5.6
37.5°	8.9	7.4	5.9	4.4	3.0	1.5	0.0	1.5	3.0	4.4	5.9
40°	9.3	7.8	6.2	4.7	3.1	1.6	0.0	1.6	3.1	4.7	6.2
42.5°	9.7	8.0	6.4	4.7	3.1	1.6	0.0	1.6	3.1	4.7	6.4
45°	9.7	8.0	6.3	4.7	3.1	1.6	0.0	1.6	3.1	4.7	6.3
47.5°	9.7	8.1	6.5	4.9	3.2	1.6	0.0	1.6	3.2	4.9	6.5
50°	10.1	8.3	6.5	4.8	3.2	1.6	0.0	1.6	3.2	4.8	6.5
52.5°	9.9	8.1	6.4	4.7	3.1	1.6	0.0	1.6	3.1	4.7	6.4
55°	9.7	8.0	6.4	4.8	3.2	1.6	0.0	1.6	3.2	4.8	6.4
57.5°	9.9	8.2	6.5	4.9	3.5	2.1	0.7	2.1	3.5	4.9	6.5
60°	9.6	7.9	6.2	4.7	3.3	2.0	0.7	2.0	3.3	4.7	6.2
62.5°	9.1	7.3	5.7	4.3	3.0	1.8	0.7	1.8	3.0	4.3	5.7
65°	8.6	6.8	5.0	3.6	2.4	1.5	0.7	1.5	2.4	3.6	5.0
67.5°	8.0	5.8	3.8	2.7	1.9	1.3	0.7	1.3	1.9	2.7	3.8
70°	7.3	5.1	3.2	1.9	1.3	0.9	0.7	0.9	1.3	1.9	3.2
72.5°	6.5	4.4	2.5	1.1	0.8	0.7	0.7	0.7	0.8	1.1	2.5
75°	6.0	3.9	2.1	1.0	0.7	0.7	0.7	0.7	0.7	1.0	2.1
77.5°	4.8	3.3	1.6	0.7	0.3	0.1	0.0	0.1	0.3	0.7	1.6
80°	3.4	1.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
82.5°	2.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	2.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	3.4	1.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
102.5°	4.8	3.3	1.6	0.7	0.3	0.1	0.0	0.1	0.3	0.7	1.6
105°	6.0	3.9	2.1	1.0	0.7	0.7	0.7	0.7	0.7	1.0	2.1
107.5°	6.5	4.4	2.5	1.1	0.8	0.7	0.7	0.7	0.8	1.1	2.5
110°	7.3	5.1	3.2	1.9	1.3	0.9	0.7	0.9	1.3	1.9	3.2



TEST NUMBER: P231911

CATALOG NUMBER: FVS4WM-2-LD4-50-2LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	8.0	5.8	3.8	2.7	1.9	1.3	0.7	1.3	1.9	2.7	3.8
115°	8.6	6.8	5.0	3.6	2.4	1.5	0.7	1.5	2.4	3.6	5.0
117.5°	9.1	7.3	5.7	4.3	3.0	1.8	0.7	1.8	3.0	4.3	5.7
120°	9.6	7.9	6.2	4.7	3.3	2.0	0.7	2.0	3.3	4.7	6.2
122.5°	9.9	8.2	6.5	4.9	3.5	2.1	0.7	2.1	3.5	4.9	6.5
125°	9.7	8.0	6.4	4.8	3.2	1.6	0.0	1.6	3.2	4.8	6.4
127.5°	9.9	8.1	6.4	4.7	3.1	1.6	0.0	1.6	3.1	4.7	6.4
130°	10.1	8.3	6.5	4.8	3.2	1.6	0.0	1.6	3.2	4.8	6.5
132.5°	9.7	8.1	6.5	4.9	3.2	1.6	0.0	1.6	3.2	4.9	6.5
135°	9.7	8.0	6.3	4.7	3.1	1.6	0.0	1.6	3.1	4.7	6.3
137.5°	9.7	8.0	6.4	4.7	3.1	1.6	0.0	1.6	3.1	4.7	6.4
140°	9.3	7.8	6.2	4.7	3.1	1.6	0.0	1.6	3.1	4.7	6.2
142.5°	8.9	7.4	5.9	4.4	3.0	1.5	0.0	1.5	3.0	4.4	5.9
145°	8.4	7.0	5.6	4.2	2.8	1.4	0.0	1.4	2.8	4.2	5.6
147.5°	7.9	6.6	5.3	4.0	2.6	1.3	0.0	1.3	2.6	4.0	5.3
150°	7.4	6.2	5.0	3.7	2.5	1.2	0.0	1.2	2.5	3.7	5.0
152.5°	6.9	5.8	4.6	3.5	2.3	1.2	0.0	1.2	2.3	3.5	4.6
155°	6.4	5.3	4.3	3.2	2.1	1.1	0.0	1.1	2.1	3.2	4.3
157.5°	5.9	4.9	3.9	3.0	2.0	1.0	0.0	1.0	2.0	3.0	3.9
160°	5.5	4.6	3.7	2.8	1.8	0.9	0.0	0.9	1.8	2.8	3.7
162.5°	4.9	4.1	3.3	2.5	1.6	0.8	0.0	0.8	1.6	2.5	3.3
165°	4.3	3.6	2.8	2.1	1.4	0.7	0.0	0.7	1.4	2.1	2.8
167.5°	3.6	3.0	2.4	1.8	1.2	0.6	0.0	0.6	1.2	1.8	2.4
170°	3.0	2.5	2.0	1.5	1.0	0.5	0.0	0.5	1.0	1.5	2.0
172.5°	2.3	1.9	1.5	1.1	0.8	0.4	0.0	0.4	0.8	1.1	1.5
175°	1.5	1.3	1.0	0.8	0.5	0.3	0.0	0.3	0.5	0.8	1.0
177.5°	0.8	0.7	0.5	0.4	0.3	0.1	0.0	0.1	0.3	0.4	0.5
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: P231911

CATALOG NUMBER: FVS4WM-2-LD4-50-2LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	0.7	0.8	0.9	1.0	1.2	1.3	1.4	1.5	1.7	1.8	1.9
5°	1.3	1.5	1.8	2.0	2.3	2.5	2.8	3.0	3.2	3.4	3.7
7.5°	1.9	2.3	2.6	3.0	3.4	3.7	4.1	4.4	4.7	5.1	5.4
10°	2.5	3.0	3.4	3.9	4.4	4.9	5.3	5.8	6.2	6.7	7.1
12.5°	3.0	3.6	4.2	4.8	5.4	6.0	6.5	7.1	7.6	8.2	8.7
15°	3.6	4.3	5.0	5.6	6.3	7.0	7.7	8.3	9.0	9.6	10.2
17.5°	4.1	4.9	5.7	6.5	7.3	8.0	8.8	9.6	10.3	11.0	11.8
20°	4.6	5.5	6.4	7.3	8.2	9.0	9.9	10.8	11.6	12.4	13.2
22.5°	4.9	5.9	6.9	7.9	8.9	10.0	10.9	11.9	12.8	13.8	14.7
25°	5.3	6.4	7.5	8.5	9.6	10.6	11.7	12.8	13.9	15.0	16.1
27.5°	5.8	6.9	8.1	9.2	10.3	11.5	12.6	13.7	14.8	15.9	17.1
30°	6.2	7.4	8.7	9.9	11.1	12.3	13.5	14.7	15.9	17.0	18.2
32.5°	6.6	7.9	9.2	10.5	11.8	13.1	14.4	15.7	16.9	18.2	19.4
35°	7.0	8.4	9.8	11.2	12.6	13.9	15.3	16.7	18.0	19.3	20.7
37.5°	7.4	8.9	10.3	11.8	13.2	14.7	16.2	17.6	19.1	20.6	22.1
40°	7.8	9.3	10.9	12.4	14.0	15.5	17.0	18.5	20.0	21.6	23.3
42.5°	8.0	9.7	11.4	13.0	14.7	16.3	17.8	19.2	20.7	22.3	24.1
45°	8.0	9.7	11.5	13.3	15.2	16.9	18.2	19.6	21.1	22.8	24.6
47.5°	8.1	9.7	11.4	13.3	15.2	16.7	18.2	19.8	21.3	23.0	25.0
50°	8.3	10.1	11.9	13.6	14.8	16.3	17.8	19.5	21.3	23.1	25.1
52.5°	8.1	9.9	11.9	13.5	14.9	16.1	17.5	19.2	21.0	23.0	25.1
55°	8.0	9.7	11.5	13.0	14.5	16.2	17.6	19.0	20.7	22.7	25.0
57.5°	8.2	9.9	11.4	12.8	14.3	15.7	17.5	19.2	20.7	22.5	24.7
60°	7.9	9.6	11.3	12.9	14.4	15.9	17.2	19.1	21.0	22.5	25.5
62.5°	7.3	9.1	11.0	12.8	14.5	16.1	17.7	19.0	21.3	24.0	27.0
65°	6.8	8.6	10.5	12.5	14.5	16.3	18.1	20.0	22.1	25.1	28.4
67.5°	5.8	8.0	10.1	12.2	14.4	16.5	18.6	20.8	23.1	26.0	29.5
70°	5.1	7.3	9.6	11.9	14.1	16.4	18.8	21.3	23.9	26.9	30.5
72.5°	4.4	6.5	9.2	11.4	13.5	15.9	18.9	21.6	24.6	27.8	31.5
75°	3.9	6.0	7.9	10.4	12.8	15.4	18.5	21.8	25.1	28.5	32.6
77.5°	3.3	4.8	6.7	9.2	12.0	14.9	18.0	21.9	25.5	29.1	33.2
80°	1.8	3.4	5.4	8.1	11.2	14.4	17.8	21.7	25.6	29.4	33.6
82.5°	0.4	2.0	4.3	7.1	10.4	14.0	17.7	21.5	25.7	29.8	34.2
85°	0.0	0.9	3.4	6.2	9.8	13.7	17.7	21.6	26.0	30.3	35.0
87.5°	0.0	0.2	2.9	5.5	9.4	13.7	18.1	22.0	26.6	31.1	36.1
90°	0.0	0.0	2.7	5.3	9.4	14.0	18.7	22.7	27.4	32.1	37.4
92.5°	0.0	0.2	2.9	5.5	9.4	13.7	18.1	22.0	26.6	31.1	36.1
95°	0.0	0.9	3.4	6.2	9.8	13.7	17.7	21.6	26.0	30.3	35.0
97.5°	0.4	2.0	4.3	7.1	10.4	14.0	17.7	21.5	25.7	29.8	34.2
100°	1.8	3.4	5.4	8.1	11.2	14.4	17.8	21.7	25.6	29.4	33.6
102.5°	3.3	4.8	6.7	9.2	12.0	14.9	18.0	21.9	25.5	29.1	33.2
105°	3.9	6.0	7.9	10.4	12.8	15.4	18.5	21.8	25.1	28.5	32.6
107.5°	4.4	6.5	9.2	11.4	13.5	15.9	18.9	21.6	24.6	27.8	31.5
110°	5.1	7.3	9.6	11.9	14.1	16.4	18.8	21.3	23.9	26.9	30.5



TEST NUMBER: P231911

CATALOG NUMBER: FVS4WM-2-LD4-50-2LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
112.5°	5.8	8.0	10.1	12.2	14.4	16.5	18.6	20.8	23.1	26.0	29.5
115°	6.8	8.6	10.5	12.5	14.5	16.3	18.1	20.0	22.1	25.1	28.4
117.5°	7.3	9.1	11.0	12.8	14.5	16.1	17.7	19.0	21.3	24.0	27.0
120°	7.9	9.6	11.3	12.9	14.4	15.9	17.2	19.1	21.0	22.5	25.5
122.5°	8.2	9.9	11.4	12.8	14.3	15.7	17.5	19.2	20.7	22.5	24.7
125°	8.0	9.7	11.5	13.0	14.5	16.2	17.6	19.0	20.7	22.7	25.0
127.5°	8.1	9.9	11.9	13.5	14.9	16.1	17.5	19.2	21.0	23.0	25.1
130°	8.3	10.1	11.9	13.6	14.8	16.3	17.8	19.5	21.3	23.1	25.1
132.5°	8.1	9.7	11.4	13.3	15.2	16.7	18.2	19.8	21.3	23.0	25.0
135°	8.0	9.7	11.5	13.3	15.2	16.9	18.2	19.6	21.1	22.8	24.6
137.5°	8.0	9.7	11.4	13.0	14.7	16.3	17.8	19.2	20.7	22.3	24.1
140°	7.8	9.3	10.9	12.4	14.0	15.5	17.0	18.5	20.0	21.6	23.3
142.5°	7.4	8.9	10.3	11.8	13.2	14.7	16.2	17.6	19.1	20.6	22.1
145°	7.0	8.4	9.8	11.2	12.6	13.9	15.3	16.7	18.0	19.3	20.7
147.5°	6.6	7.9	9.2	10.5	11.8	13.1	14.4	15.7	16.9	18.2	19.4
150°	6.2	7.4	8.7	9.9	11.1	12.3	13.5	14.7	15.9	17.0	18.2
152.5°	5.8	6.9	8.1	9.2	10.3	11.5	12.6	13.7	14.8	15.9	17.1
155°	5.3	6.4	7.5	8.5	9.6	10.6	11.7	12.8	13.9	15.0	16.1
157.5°	4.9	5.9	6.9	7.9	8.9	10.0	10.9	11.9	12.8	13.8	14.7
160°	4.6	5.5	6.4	7.3	8.2	9.0	9.9	10.8	11.6	12.4	13.2
162.5°	4.1	4.9	5.7	6.5	7.3	8.0	8.8	9.6	10.3	11.0	11.8
165°	3.6	4.3	5.0	5.6	6.3	7.0	7.7	8.3	9.0	9.6	10.2
167.5°	3.0	3.6	4.2	4.8	5.4	6.0	6.5	7.1	7.6	8.2	8.7
170°	2.5	3.0	3.4	3.9	4.4	4.9	5.3	5.8	6.2	6.7	7.1
172.5°	1.9	2.3	2.6	3.0	3.4	3.7	4.1	4.4	4.7	5.1	5.4
175°	1.3	1.5	1.8	2.0	2.3	2.5	2.8	3.0	3.2	3.4	3.7
177.5°	0.7	0.8	0.9	1.0	1.2	1.3	1.4	1.5	1.7	1.8	1.9
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231911

CATALOG NUMBER: FVS4WM-2-LD4-50-2LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.8	2.9
5°	3.9	4.1	4.3	4.5	4.6	4.8	5.0	5.1	5.3	5.4	5.6
7.5°	5.7	6.0	6.3	6.6	6.8	7.1	7.4	7.6	7.8	8.0	8.2
10°	7.5	7.9	8.3	8.7	9.0	9.4	9.7	10.0	10.3	10.6	10.9
12.5°	9.2	9.7	10.2	10.7	11.1	11.6	12.0	12.4	12.8	13.1	13.5
15°	10.9	11.5	12.0	12.6	13.2	13.7	14.2	14.7	15.2	15.6	16.0
17.5°	12.5	13.2	13.8	14.5	15.1	15.8	16.4	16.9	17.5	18.0	18.5
20°	14.0	14.8	15.6	16.3	17.1	17.8	18.5	19.1	19.8	20.4	21.0
22.5°	15.6	16.4	17.3	18.1	18.9	19.8	20.5	21.3	22.0	22.7	23.4
25°	17.1	18.0	19.0	19.9	20.8	21.7	22.6	23.4	24.2	25.0	26.4
27.5°	18.4	19.6	20.6	21.7	22.7	23.6	25.2	26.9	28.7	30.6	32.3
30°	19.4	20.7	22.0	23.7	25.4	27.2	29.1	31.1	33.3	35.6	37.9
32.5°	20.7	22.2	24.0	26.0	28.1	30.2	32.3	34.7	37.2	39.9	42.8
35°	22.3	24.0	25.9	27.9	30.2	32.6	35.1	37.7	40.6	43.7	47.1
37.5°	23.8	25.6	27.5	29.6	32.0	34.6	37.4	40.3	43.5	47.1	50.9
40°	25.0	26.9	28.9	31.1	33.5	36.3	39.3	42.5	46.1	49.9	54.3
42.5°	26.0	28.0	30.1	32.3	34.9	37.7	41.0	44.6	48.3	52.6	57.3
45°	26.7	28.8	31.1	33.5	36.1	39.0	42.5	46.3	50.4	54.9	59.9
47.5°	27.1	29.4	31.9	34.5	37.2	40.3	43.6	47.8	52.3	56.9	62.5
50°	27.3	29.8	32.5	35.3	38.3	41.4	44.9	49.1	54.3	59.2	64.6
52.5°	27.3	30.0	32.9	35.9	39.2	43.3	47.4	51.6	56.6	61.7	66.9
55°	27.4	30.0	33.3	37.7	42.2	46.8	50.7	54.7	59.2	64.3	69.5
57.5°	27.4	31.3	35.6	40.3	45.2	50.1	54.4	58.2	61.9	67.1	72.4
60°	29.1	33.2	37.7	42.7	48.0	53.4	58.4	62.1	65.5	70.1	75.4
62.5°	30.6	34.9	39.7	45.0	50.6	56.5	62.1	66.2	69.4	73.3	78.5
65°	32.1	36.5	41.5	47.3	53.1	59.5	65.6	70.5	73.6	76.6	81.8
67.5°	33.6	38.0	43.2	49.3	55.7	62.3	69.1	75.0	78.0	80.4	85.2
70°	34.8	39.6	45.0	51.2	58.3	65.1	72.7	79.2	82.5	84.5	88.0
72.5°	35.9	41.2	46.7	53.1	60.6	67.1	73.9	79.8	83.1	85.0	88.1
75°	36.9	42.3	47.7	53.4	60.2	67.0	73.5	79.3	83.2	85.5	88.3
77.5°	37.5	42.6	48.0	53.5	60.1	67.1	73.5	79.1	83.3	85.9	88.7
80°	38.2	43.2	48.6	53.9	60.2	67.4	73.8	79.1	83.4	86.3	89.2
82.5°	39.0	44.0	49.4	54.6	60.6	67.9	74.4	79.3	83.5	86.7	89.8
85°	40.1	45.1	50.5	55.5	61.3	68.6	75.2	79.6	83.7	87.2	90.5
87.5°	41.3	46.5	51.8	56.7	62.3	69.6	76.3	80.2	83.9	87.7	91.3
90°	42.8	48.1	53.4	58.1	63.5	70.8	77.5	80.8	84.2	88.2	92.2
92.5°	41.3	46.5	51.8	56.7	62.3	69.6	76.3	80.2	83.9	87.7	91.3
95°	40.1	45.1	50.5	55.5	61.3	68.6	75.2	79.6	83.7	87.2	90.5
97.5°	39.0	44.0	49.4	54.6	60.6	67.9	74.4	79.3	83.5	86.7	89.8
100°	38.2	43.2	48.6	53.9	60.2	67.4	73.8	79.1	83.4	86.3	89.2
102.5°	37.5	42.6	48.0	53.5	60.1	67.1	73.5	79.1	83.3	85.9	88.7
105°	36.9	42.3	47.7	53.4	60.2	67.0	73.5	79.3	83.2	85.5	88.3
107.5°	35.9	41.2	46.7	53.1	60.6	67.1	73.9	79.8	83.1	85.0	88.1
110°	34.8	39.6	45.0	51.2	58.3	65.1	72.7	79.2	82.5	84.5	88.0



TEST NUMBER: P231911

CATALOG NUMBER: FVS4WM-2-LD4-50-2LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	33.6	38.0	43.2	49.3	55.7	62.3	69.1	75.0	78.0	80.4	85.2
115°	32.1	36.5	41.5	47.3	53.1	59.5	65.6	70.5	73.6	76.6	81.8
117.5°	30.6	34.9	39.7	45.0	50.6	56.5	62.1	66.2	69.4	73.3	78.5
120°	29.1	33.2	37.7	42.7	48.0	53.4	58.4	62.1	65.5	70.1	75.4
122.5°	27.4	31.3	35.6	40.3	45.2	50.1	54.4	58.2	61.9	67.1	72.4
125°	27.4	30.0	33.3	37.7	42.2	46.8	50.7	54.7	59.2	64.3	69.5
127.5°	27.3	30.0	32.9	35.9	39.2	43.3	47.4	51.6	56.6	61.7	66.9
130°	27.3	29.8	32.5	35.3	38.3	41.4	44.9	49.1	54.3	59.2	64.6
132.5°	27.1	29.4	31.9	34.5	37.2	40.3	43.6	47.8	52.3	56.9	62.5
135°	26.7	28.8	31.1	33.5	36.1	39.0	42.5	46.3	50.4	54.9	59.9
137.5°	26.0	28.0	30.1	32.3	34.9	37.7	41.0	44.6	48.3	52.6	57.3
140°	25.0	26.9	28.9	31.1	33.5	36.3	39.3	42.5	46.1	49.9	54.3
142.5°	23.8	25.6	27.5	29.6	32.0	34.6	37.4	40.3	43.5	47.1	50.9
145°	22.3	24.0	25.9	27.9	30.2	32.6	35.1	37.7	40.6	43.7	47.1
147.5°	20.7	22.2	24.0	26.0	28.1	30.2	32.3	34.7	37.2	39.9	42.8
150°	19.4	20.7	22.0	23.7	25.4	27.2	29.1	31.1	33.3	35.6	37.9
152.5°	18.4	19.6	20.6	21.7	22.7	23.6	25.2	26.9	28.7	30.6	32.3
155°	17.1	18.0	19.0	19.9	20.8	21.7	22.6	23.4	24.2	25.0	26.4
157.5°	15.6	16.4	17.3	18.1	18.9	19.8	20.5	21.3	22.0	22.7	23.4
160°	14.0	14.8	15.6	16.3	17.1	17.8	18.5	19.1	19.8	20.4	21.0
162.5°	12.5	13.2	13.8	14.5	15.1	15.8	16.4	16.9	17.5	18.0	18.5
165°	10.9	11.5	12.0	12.6	13.2	13.7	14.2	14.7	15.2	15.6	16.0
167.5°	9.2	9.7	10.2	10.7	11.1	11.6	12.0	12.4	12.8	13.1	13.5
170°	7.5	7.9	8.3	8.7	9.0	9.4	9.7	10.0	10.3	10.6	10.9
172.5°	5.7	6.0	6.3	6.6	6.8	7.1	7.4	7.6	7.8	8.0	8.2
175°	3.9	4.1	4.3	4.5	4.6	4.8	5.0	5.1	5.3	5.4	5.6
177.5°	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.8	2.9
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: P231911

CATALOG NUMBER: FVS4WM-2-LD4-50-2LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	3.0	3.0	3.1	3.2	3.2	3.2	3.3	3.3	3.3	3.3	3.8
5°	5.8	5.9	6.0	6.2	6.3	6.4	6.5	6.6	6.6	6.7	7.5
7.5°	8.4	8.6	8.8	9.0	9.2	9.4	9.6	9.8	9.9	10.0	11.3
10°	11.1	11.4	11.6	11.8	12.1	12.4	12.6	12.9	13.2	13.4	15.0
12.5°	13.8	14.1	14.4	14.6	14.8	15.2	15.6	16.0	16.4	16.7	18.7
15°	16.4	16.8	17.1	17.4	17.7	18.0	18.5	19.1	19.6	20.1	22.4
17.5°	19.0	19.4	19.8	20.2	20.6	20.9	21.3	22.1	22.8	23.4	26.1
20°	21.6	22.1	22.5	23.0	23.4	23.8	24.2	25.0	25.9	26.8	29.7
22.5°	24.1	24.7	25.2	25.7	26.2	26.7	27.1	27.9	29.0	30.1	33.4
25°	27.9	29.3	30.7	32.0	33.2	34.3	35.4	36.6	38.3	39.8	43.5
27.5°	34.1	35.9	37.7	39.4	40.9	42.4	43.9	45.4	47.5	49.5	53.6
30°	40.0	42.1	44.3	46.5	48.5	50.4	52.3	54.0	56.7	59.3	63.8
32.5°	45.5	48.0	50.6	53.3	55.8	58.2	60.5	62.7	65.8	69.0	74.0
35°	50.6	53.6	56.5	59.8	62.9	65.8	68.6	71.3	74.9	78.7	84.2
37.5°	55.1	59.0	62.3	66.0	69.9	73.2	76.6	79.9	84.0	88.4	94.4
40°	59.0	64.0	68.0	72.0	76.4	80.5	84.5	88.3	93.0	98.2	104.6
42.5°	62.5	68.3	73.4	77.9	82.8	87.7	92.4	96.7	101.9	107.9	114.8
45°	65.9	72.2	78.6	83.5	89.0	94.7	99.9	105.1	110.9	117.6	125.1
47.5°	68.7	75.1	81.7	86.7	91.9	97.6	103.4	109.3	116.1	124.2	132.9
50°	70.5	76.6	83.0	88.4	93.4	99.6	106.2	113.2	121.2	130.8	140.7
52.5°	72.7	78.5	84.5	90.1	95.0	101.5	108.9	117.0	126.2	137.4	148.6
55°	75.2	80.8	86.4	92.0	96.8	103.5	111.6	120.7	131.1	144.0	156.6
57.5°	78.0	83.5	88.6	94.0	98.7	105.4	114.1	124.4	136.1	150.6	164.6
60°	80.9	86.5	91.3	96.1	100.8	107.4	116.5	127.9	140.9	157.2	172.6
62.5°	84.0	89.6	93.9	98.4	103.0	109.4	118.9	131.4	145.8	163.8	180.6
65°	87.3	92.8	97.0	100.9	105.2	111.4	121.2	134.8	150.6	170.4	188.7
67.5°	90.7	96.2	100.3	103.6	107.5	113.4	123.5	138.2	155.3	177.0	196.7
70°	92.7	97.5	101.0	103.6	107.2	113.0	122.7	137.3	154.4	176.6	197.6
72.5°	92.4	96.8	100.2	102.7	106.4	112.2	121.7	136.4	153.4	176.3	198.4
75°	92.4	96.3	99.5	101.8	105.5	111.5	120.9	135.5	152.4	175.9	200.0
77.5°	92.5	96.1	98.8	100.9	104.7	110.9	120.1	134.6	151.5	175.5	200.5
80°	92.8	95.9	98.2	100.0	103.8	110.4	119.4	133.9	150.6	175.2	201.0
82.5°	93.2	95.9	97.7	99.2	103.0	109.9	118.8	133.2	149.8	174.8	201.5
85°	93.7	95.9	97.2	98.4	102.2	109.5	118.3	132.6	149.0	174.4	202.1
87.5°	94.3	96.1	96.7	97.6	101.5	109.2	117.9	132.1	148.3	174.1	202.6
90°	94.9	96.2	96.2	96.9	100.9	108.9	117.6	131.6	147.6	173.7	203.1
92.5°	94.3	96.1	96.7	97.6	101.5	109.2	117.9	132.1	148.3	174.1	202.6
95°	93.7	95.9	97.2	98.4	102.2	109.5	118.3	132.6	149.0	174.4	202.1
97.5°	93.2	95.9	97.7	99.2	103.0	109.9	118.8	133.2	149.8	174.8	201.5
100°	92.8	95.9	98.2	100.0	103.8	110.4	119.4	133.9	150.6	175.2	201.0
102.5°	92.5	96.1	98.8	100.9	104.7	110.9	120.1	134.6	151.5	175.5	200.5
105°	92.4	96.3	99.5	101.8	105.5	111.5	120.9	135.5	152.4	175.9	200.0
107.5°	92.4	96.8	100.2	102.7	106.4	112.2	121.7	136.4	153.4	176.3	198.4
110°	92.7	97.5	101.0	103.6	107.2	113.0	122.7	137.3	154.4	176.6	197.6





TEST NUMBER: P231911

CATALOG NUMBER: FVS4WM-2-LD4-50-2LO-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°	90.7	96.2	100.3	103.6	107.5	113.4	123.5	138.2	155.3	177.0	196.7
115°	87.3	92.8	97.0	100.9	105.2	111.4	121.2	134.8	150.6	170.4	188.7
117.5°	84.0	89.6	93.9	98.4	103.0	109.4	118.9	131.4	145.8	163.8	180.6
120°	80.9	86.5	91.3	96.1	100.8	107.4	116.5	127.9	140.9	157.2	172.6
122.5°	78.0	83.5	88.6	94.0	98.7	105.4	114.1	124.4	136.1	150.6	164.6
125°	75.2	80.8	86.4	92.0	96.8	103.5	111.6	120.7	131.1	144.0	156.6
127.5°	72.7	78.5	84.5	90.1	95.0	101.5	108.9	117.0	126.2	137.4	148.6
130°	70.5	76.6	83.0	88.4	93.4	99.6	106.2	113.2	121.2	130.8	140.7
132.5°	68.7	75.1	81.7	86.7	91.9	97.6	103.4	109.3	116.1	124.2	132.9
135°	65.9	72.2	78.6	83.5	89.0	94.7	99.9	105.1	110.9	117.6	125.1
137.5°	62.5	68.3	73.4	77.9	82.8	87.7	92.4	96.7	101.9	107.9	114.8
140°	59.0	64.0	68.0	72.0	76.4	80.5	84.5	88.3	93.0	98.2	104.6
142.5°	55.1	59.0	62.3	66.0	69.9	73.2	76.6	79.9	84.0	88.4	94.4
145°	50.6	53.6	56.5	59.8	62.9	65.8	68.6	71.3	74.9	78.7	84.2
147.5°	45.5	48.0	50.6	53.3	55.8	58.2	60.5	62.7	65.8	69.0	74.0
150°	40.0	42.1	44.3	46.5	48.5	50.4	52.3	54.0	56.7	59.3	63.8
152.5°	34.1	35.9	37.7	39.4	40.9	42.4	43.9	45.4	47.5	49.5	53.6
155°	27.9	29.3	30.7	32.0	33.2	34.3	35.4	36.6	38.3	39.8	43.5
157.5°	24.1	24.7	25.2	25.7	26.2	26.7	27.1	27.9	29.0	30.1	33.4
160°	21.6	22.1	22.5	23.0	23.4	23.8	24.2	25.0	25.9	26.8	29.7
162.5°	19.0	19.4	19.8	20.2	20.6	20.9	21.3	22.1	22.8	23.4	26.1
165°	16.4	16.8	17.1	17.4	17.7	18.0	18.5	19.1	19.6	20.1	22.4
167.5°	13.8	14.1	14.4	14.6	14.8	15.2	15.6	16.0	16.4	16.7	18.7
170°	11.1	11.4	11.6	11.8	12.1	12.4	12.6	12.9	13.2	13.4	15.0
172.5°	8.4	8.6	8.8	9.0	9.2	9.4	9.6	9.8	9.9	10.0	11.3
175°	5.8	5.9	6.0	6.2	6.3	6.4	6.5	6.6	6.6	6.7	7.5
177.5°	3.0	3.0	3.1	3.2	3.2	3.2	3.3	3.3	3.3	3.3	3.8
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: P231911

CATALOG NUMBER: FVS4WM-2-LD4-50-2LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	4.2	4.6	5.0	5.4	5.8	6.2	6.5	6.9	7.2	7.5	7.8
5°	8.4	9.2	10.0	10.7	11.5	12.2	12.9	13.6	14.3	14.9	15.5
7.5°	12.5	13.7	14.8	16.0	17.1	18.2	19.3	20.8	22.3	23.7	25.0
10°	16.6	18.1	19.7	21.2	22.7	24.7	26.7	28.6	30.5	32.4	34.2
12.5°	20.6	22.6	24.4	26.5	29.0	31.4	33.8	36.1	38.2	40.0	41.6
15°	24.7	26.9	29.2	32.1	35.0	37.8	40.6	42.9	45.2	47.4	49.7
17.5°	28.7	31.2	34.3	37.6	40.8	43.9	46.9	49.7	52.4	55.2	57.9
20°	32.6	35.6	39.2	42.8	46.3	49.9	53.4	56.7	60.1	63.4	66.5
22.5°	36.6	40.0	43.9	47.8	51.9	56.1	60.1	64.1	68.0	71.8	75.1
25°	46.9	50.7	54.5	58.3	62.3	66.1	69.9	73.6	77.0	80.1	84.0
27.5°	57.6	61.8	65.9	70.2	74.4	78.5	82.7	86.6	90.1	93.4	96.5
30°	68.2	72.8	77.3	81.8	86.6	90.8	95.2	99.2	103.0	106.5	109.7
32.5°	78.9	83.8	88.6	93.3	98.1	102.9	107.5	111.7	115.6	119.2	121.6
35°	89.5	94.7	99.7	104.7	109.8	115.1	119.5	124.0	127.9	131.0	132.1
37.5°	100.1	105.5	110.8	115.9	121.3	126.5	131.4	135.8	140.2	141.2	142.1
40°	110.7	116.3	121.7	127.0	132.7	138.0	143.1	147.4	150.1	151.2	150.9
42.5°	121.2	127.1	132.4	138.1	143.8	149.4	154.3	158.8	159.8	160.2	159.6
45°	131.7	137.7	143.1	149.0	154.9	160.6	165.3	168.3	169.2	168.8	168.3
47.5°	140.8	148.2	155.3	162.7	169.5	175.2	179.0	178.8	177.9	177.5	176.8
50°	150.0	159.1	168.4	178.1	187.2	194.8	200.2	201.3	200.7	197.7	192.5
52.5°	159.2	170.3	182.1	194.1	205.7	215.3	221.9	225.3	227.8	226.3	222.0
55°	168.6	181.9	196.2	210.7	225.1	236.6	244.8	251.3	256.5	256.3	250.7
57.5°	178.1	193.7	210.8	228.0	244.9	258.6	268.7	279.1	285.9	286.0	278.7
60°	187.7	205.9	225.6	245.7	265.1	281.1	293.7	308.5	316.5	314.4	305.5
62.5°	197.3	218.2	240.8	263.8	285.7	304.0	319.9	339.5	348.0	342.3	330.5
65°	207.0	230.7	256.1	282.3	306.6	327.5	347.8	370.1	380.2	369.8	353.8
67.5°	216.8	243.4	271.7	301.0	327.9	351.5	376.6	400.7	408.5	395.9	375.9
70°	219.1	246.4	275.2	306.3	335.2	362.4	393.6	421.8	431.1	419.1	399.9
72.5°	221.1	248.4	276.5	307.9	336.9	365.0	398.2	426.8	436.6	428.8	416.9
75°	223.1	250.3	277.6	309.2	338.3	367.3	402.3	432.1	443.9	441.0	433.1
77.5°	225.1	251.9	278.3	310.2	339.3	369.5	405.9	437.7	452.6	455.4	449.4
80°	227.8	253.3	278.7	310.8	340.0	371.3	409.0	443.2	462.4	471.4	465.8
82.5°	229.3	255.2	279.7	311.1	340.4	372.8	411.5	448.7	472.8	488.7	482.4
85°	230.8	255.9	279.1	311.7	341.1	374.8	414.7	455.2	483.5	506.6	499.1
87.5°	232.3	256.5	278.5	310.8	340.2	374.8	415.1	458.8	494.6	525.0	515.9
90°	233.8	257.2	277.9	310.0	339.4	374.8	415.5	462.3	504.4	542.4	533.1
92.5°	232.3	256.5	278.5	310.8	340.2	374.8	415.1	458.8	494.6	525.0	515.9
95°	230.8	255.9	279.1	311.7	341.1	374.8	414.7	455.2	483.5	506.6	499.1
97.5°	229.3	255.2	279.7	311.1	340.4	372.8	411.5	448.7	472.8	488.7	482.4
100°	227.8	253.3	278.7	310.8	340.0	371.3	409.0	443.2	462.4	471.4	465.8
102.5°	225.1	251.9	278.3	310.2	339.3	369.5	405.9	437.7	452.6	455.4	449.4
105°	223.1	250.3	277.6	309.2	338.3	367.3	402.3	432.1	443.9	441.0	433.1
107.5°	221.1	248.4	276.5	307.9	336.9	365.0	398.2	426.8	436.6	428.8	416.9
110°	219.1	246.4	275.2	306.3	335.2	362.4	393.6	421.8	431.1	419.1	399.9



TEST NUMBER: P231911

CATALOG NUMBER: FVS4WM-2-LD4-50-2LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	216.8	243.4	271.7	301.0	327.9	351.5	376.6	400.7	408.5	395.9	375.9
115°	207.0	230.7	256.1	282.3	306.6	327.5	347.8	370.1	380.2	369.8	353.8
117.5°	197.3	218.2	240.8	263.8	285.7	304.0	319.9	339.5	348.0	342.3	330.5
120°	187.7	205.9	225.6	245.7	265.1	281.1	293.7	308.5	316.5	314.4	305.5
122.5°	178.1	193.7	210.8	228.0	244.9	258.6	268.7	279.1	285.9	286.0	278.7
125°	168.6	181.9	196.2	210.7	225.1	236.6	244.8	251.3	256.5	256.3	250.7
127.5°	159.2	170.3	182.1	194.1	205.7	215.3	221.9	225.3	227.8	226.3	222.0
130°	150.0	159.1	168.4	178.1	187.2	194.8	200.2	201.3	200.7	197.7	192.5
132.5°	140.8	148.2	155.3	162.7	169.5	175.2	179.0	178.8	177.9	177.5	176.8
135°	131.7	137.7	143.1	149.0	154.9	160.6	165.3	168.3	169.2	168.8	168.3
137.5°	121.2	127.1	132.4	138.1	143.8	149.4	154.3	158.8	159.8	160.2	159.6
140°	110.7	116.3	121.7	127.0	132.7	138.0	143.1	147.4	150.1	151.2	150.9
142.5°	100.1	105.5	110.8	115.9	121.3	126.5	131.4	135.8	140.2	141.2	142.1
145°	89.5	94.7	99.7	104.7	109.8	115.1	119.5	124.0	127.9	131.0	132.1
147.5°	78.9	83.8	88.6	93.3	98.1	102.9	107.5	111.7	115.6	119.2	121.6
150°	68.2	72.8	77.3	81.8	86.6	90.8	95.2	99.2	103.0	106.5	109.7
152.5°	57.6	61.8	65.9	70.2	74.4	78.5	82.7	86.6	90.1	93.4	96.5
155°	46.9	50.7	54.5	58.3	62.3	66.1	69.9	73.6	77.0	80.1	84.0
157.5°	36.6	40.0	43.9	47.8	51.9	56.1	60.1	64.1	68.0	71.8	75.1
160°	32.6	35.6	39.2	42.8	46.3	49.9	53.4	56.7	60.1	63.4	66.5
162.5°	28.7	31.2	34.3	37.6	40.8	43.9	46.9	49.7	52.4	55.2	57.9
165°	24.7	26.9	29.2	32.1	35.0	37.8	40.6	42.9	45.2	47.4	49.7
167.5°	20.6	22.6	24.4	26.5	29.0	31.4	33.8	36.1	38.2	40.0	41.6
170°	16.6	18.1	19.7	21.2	22.7	24.7	26.7	28.6	30.5	32.4	34.2
172.5°	12.5	13.7	14.8	16.0	17.1	18.2	19.3	20.8	22.3	23.7	25.0
175°	8.4	9.2	10.0	10.7	11.5	12.2	12.9	13.6	14.3	14.9	15.5
177.5°	4.2	4.6	5.0	5.4	5.8	6.2	6.5	6.9	7.2	7.5	7.8
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: P231911

CATALOG NUMBER: FVS4WM-2-LD4-50-2LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	8.1	8.4	8.7	8.9	9.1	9.4	9.6	9.7	9.9	10.0	10.2
5°	16.4	17.3	18.1	18.9	19.6	20.3	21.0	21.6	22.2	22.7	23.2
7.5°	26.3	27.6	28.8	30.0	31.0	31.7	32.3	32.8	33.3	33.7	34.1
10°	35.4	36.6	37.7	38.7	39.7	40.5	41.3	42.1	42.8	43.5	44.1
12.5°	43.2	44.7	46.2	47.6	49.0	50.3	51.4	52.5	53.4	54.1	54.7
15°	51.6	53.6	55.5	57.3	58.9	60.3	61.5	62.6	63.5	64.3	64.9
17.5°	60.4	63.2	64.9	66.9	68.6	70.2	71.6	72.9	73.9	74.8	75.5
20°	69.3	71.9	74.4	76.6	78.6	80.4	82.1	83.4	84.6	85.6	86.5
22.5°	78.3	81.3	84.1	86.6	89.0	90.5	92.0	93.4	94.7	95.8	97.0
25°	87.6	91.0	94.5	96.1	97.9	99.6	100.7	101.9	103.2	104.6	106.2
27.5°	99.3	101.4	102.3	104.3	105.3	106.2	107.5	108.8	110.5	112.3	114.7
30°	111.7	112.7	113.3	112.5	111.5	111.5	113.0	114.8	117.8	120.9	124.3
32.5°	122.7	123.1	122.3	121.6	121.1	120.4	120.8	121.9	125.6	130.6	135.7
35°	132.7	132.0	131.4	131.0	130.8	131.6	132.3	134.8	136.9	142.2	150.6
37.5°	141.6	141.0	140.6	140.8	141.8	143.8	146.9	150.5	156.1	161.8	168.2
40°	150.4	150.0	150.2	151.4	154.2	158.0	163.7	170.3	178.2	186.6	195.4
42.5°	159.2	159.1	160.5	163.5	168.0	175.2	182.8	193.3	204.3	215.9	228.1
45°	167.8	169.1	171.7	176.9	184.8	193.5	205.9	218.3	232.8	247.9	265.1
47.5°	177.2	178.8	184.7	192.5	202.3	216.0	230.2	246.2	264.0	283.0	304.6
50°	187.8	191.2	198.3	209.2	223.3	238.8	256.1	275.6	297.5	320.6	345.2
52.5°	216.9	215.6	219.5	227.7	245.3	262.7	283.0	306.2	330.7	357.5	385.7
55°	245.6	244.0	248.7	258.8	271.9	287.5	309.8	335.8	363.7	393.9	428.4
57.5°	271.8	271.7	277.5	288.0	302.0	320.1	341.2	365.2	396.3	431.6	469.4
60°	296.9	297.5	304.9	316.3	331.5	350.3	372.9	400.6	432.1	466.5	507.2
62.5°	322.7	323.4	330.5	342.6	359.0	379.1	404.0	434.0	469.6	505.8	545.2
65°	346.9	348.3	355.7	368.0	384.4	405.1	433.1	467.8	504.5	542.4	584.7
67.5°	369.9	371.4	379.3	391.8	408.6	431.1	461.3	499.1	535.6	575.4	625.7
70°	392.8	393.4	401.4	413.6	430.4	455.1	489.4	526.5	563.3	604.7	661.9
72.5°	411.9	414.0	422.2	434.0	450.4	477.9	515.1	550.5	586.3	632.1	689.5
75°	429.2	432.4	440.0	450.3	466.8	494.8	534.6	570.9	604.6	652.5	713.3
77.5°	446.3	450.2	456.4	464.6	478.9	506.2	543.4	580.9	620.7	670.8	733.8
80°	463.3	467.6	471.7	477.0	488.0	514.2	550.5	589.5	633.0	687.8	756.0
82.5°	480.1	484.5	486.0	488.1	494.7	519.2	555.8	597.0	642.3	701.0	772.7
85°	496.9	501.1	499.7	498.1	499.6	521.7	559.2	602.8	648.7	710.5	783.7
87.5°	513.6	517.6	513.0	507.5	503.4	522.8	561.7	608.0	653.7	717.9	791.8
90°	530.4	533.7	526.4	517.0	507.0	521.7	560.5	608.6	653.3	717.4	789.6
92.5°	513.6	517.6	513.0	507.5	503.4	522.8	561.7	608.0	653.7	717.9	791.8
95°	496.9	501.1	499.7	498.1	499.6	521.7	559.2	602.8	648.7	710.5	783.7
97.5°	480.1	484.5	486.0	488.1	494.7	519.2	555.8	597.0	642.3	701.0	772.7
100°	463.3	467.6	471.7	477.0	488.0	514.2	550.5	589.5	633.0	687.8	756.0
102.5°	446.3	450.2	456.4	464.6	478.9	506.2	543.4	580.9	620.7	670.8	733.8
105°	429.2	432.4	440.0	450.3	466.8	494.8	534.6	570.9	604.6	652.5	713.3
107.5°	411.9	414.0	422.2	434.0	450.4	477.9	515.1	550.5	586.3	632.1	689.5
110°	392.8	393.4	401.4	413.6	430.4	455.1	489.4	526.5	563.3	604.7	661.9



TEST NUMBER: P231911

CATALOG NUMBER: FVS4WM-2-LD4-50-2LO-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°	369.9	371.4	379.3	391.8	408.6	431.1	461.3	499.1	535.6	575.4	625.7
115°	346.9	348.3	355.7	368.0	384.4	405.1	433.1	467.8	504.5	542.4	584.7
117.5°	322.7	323.4	330.5	342.6	359.0	379.1	404.0	434.0	469.6	505.8	545.2
120°	296.9	297.5	304.9	316.3	331.5	350.3	372.9	400.6	432.1	466.5	507.2
122.5°	271.8	271.7	277.5	288.0	302.0	320.1	341.2	365.2	396.3	431.6	469.4
125°	245.6	244.0	248.7	258.8	271.9	287.5	309.8	335.8	363.7	393.9	428.4
127.5°	216.9	215.6	219.5	227.7	245.3	262.7	283.0	306.2	330.7	357.5	385.7
130°	187.8	191.2	198.3	209.2	223.3	238.8	256.1	275.6	297.5	320.6	345.2
132.5°	177.2	178.8	184.7	192.5	202.3	216.0	230.2	246.2	264.0	283.0	304.6
135°	167.8	169.1	171.7	176.9	184.8	193.5	205.9	218.3	232.8	247.9	265.1
137.5°	159.2	159.1	160.5	163.5	168.0	175.2	182.8	193.3	204.3	215.9	228.1
140°	150.4	150.0	150.2	151.4	154.2	158.0	163.7	170.3	178.2	186.6	195.4
142.5°	141.6	141.0	140.6	140.8	141.8	143.8	146.9	150.5	156.1	161.8	168.2
145°	132.7	132.0	131.4	131.0	130.8	131.6	132.3	134.8	136.9	142.2	150.6
147.5°	122.7	123.1	122.3	121.6	121.1	120.4	120.8	121.9	125.6	130.6	135.7
150°	111.7	112.7	113.3	112.5	111.5	111.5	113.0	114.8	117.8	120.9	124.3
152.5°	99.3	101.4	102.3	104.3	105.3	106.2	107.5	108.8	110.5	112.3	114.7
155°	87.6	91.0	94.5	96.1	97.9	99.6	100.7	101.9	103.2	104.6	106.2
157.5°	78.3	81.3	84.1	86.6	89.0	90.5	92.0	93.4	94.7	95.8	97.0
160°	69.3	71.9	74.4	76.6	78.6	80.4	82.1	83.4	84.6	85.6	86.5
162.5°	60.4	63.2	64.9	66.9	68.6	70.2	71.6	72.9	73.9	74.8	75.5
165°	51.6	53.6	55.5	57.3	58.9	60.3	61.5	62.6	63.5	64.3	64.9
167.5°	43.2	44.7	46.2	47.6	49.0	50.3	51.4	52.5	53.4	54.1	54.7
170°	35.4	36.6	37.7	38.7	39.7	40.5	41.3	42.1	42.8	43.5	44.1
172.5°	26.3	27.6	28.8	30.0	31.0	31.7	32.3	32.8	33.3	33.7	34.1
175°	16.4	17.3	18.1	18.9	19.6	20.3	21.0	21.6	22.2	22.7	23.2
177.5°	8.1	8.4	8.7	8.9	9.1	9.4	9.6	9.7	9.9	10.0	10.2
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: P231911

CATALOG NUMBER: FVS4WM-2-LD4-50-2LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	10.3	10.4	10.4	10.5	10.5	10.5	10.8	10.7	10.6	10.4	10.3
5°	23.6	24.0	24.3	24.6	24.8	25.0	25.1	25.2	25.7	25.4	25.2
7.5°	34.4	34.6	34.8	34.9	35.0	35.0	34.9	34.8	34.6	34.6	34.2
10°	44.6	44.9	45.2	45.5	45.6	45.6	45.5	45.4	45.2	45.2	44.6
12.5°	55.1	55.5	55.7	55.8	55.8	55.7	55.5	55.2	54.7	54.2	53.8
15°	65.4	65.8	66.0	66.1	66.0	65.8	65.5	65.0	64.4	63.7	63.0
17.5°	76.1	76.6	77.0	77.3	77.5	77.5	77.4	77.1	76.7	76.2	75.8
20°	87.3	88.1	88.9	89.7	90.4	91.0	91.5	91.9	92.1	92.1	92.5
22.5°	98.2	99.5	100.7	101.8	102.9	103.8	104.7	105.4	106.0	106.4	107.1
25°	107.8	109.3	111.0	113.1	115.1	117.0	118.8	120.3	121.7	122.8	123.6
27.5°	117.4	120.2	123.0	126.0	129.4	132.5	135.4	138.0	140.2	142.2	143.8
30°	128.4	132.8	137.1	141.3	147.0	152.4	157.5	162.0	166.1	169.7	172.6
32.5°	141.4	148.8	156.0	163.0	170.5	178.0	184.9	191.2	196.8	201.6	205.6
35°	159.0	168.7	178.7	188.2	197.7	208.1	217.6	226.3	233.9	240.5	245.9
37.5°	179.8	191.8	205.7	218.9	231.4	244.5	256.6	267.4	276.8	284.8	291.4
40°	205.9	220.7	238.0	255.0	270.9	286.2	300.4	312.6	322.8	331.1	337.4
42.5°	242.3	256.5	275.5	296.9	316.0	333.1	348.6	362.0	373.1	381.9	388.6
45°	282.4	302.3	321.4	343.6	364.7	385.5	402.1	417.6	429.5	438.1	443.6
47.5°	326.9	349.6	371.6	395.1	422.3	445.5	465.5	482.6	496.1	506.0	512.2
50°	371.0	397.6	428.3	458.4	488.1	513.7	537.1	560.7	580.5	596.1	607.3
52.5°	417.4	451.2	485.8	520.0	557.2	593.1	623.3	651.7	677.4	699.6	717.5
55°	464.7	502.4	542.1	585.8	629.5	672.1	708.9	741.9	771.9	798.7	821.2
57.5°	509.1	553.0	599.9	650.6	702.4	744.4	785.7	821.1	852.2	880.9	906.4
60°	552.5	602.1	658.8	713.0	764.2	808.2	846.3	882.7	916.3	946.4	972.4
62.5°	592.9	654.3	713.6	770.5	816.7	860.0	899.2	936.6	969.4	999.2	1025.2
65°	641.4	701.6	762.6	813.7	860.7	904.8	943.9	980.2	1014.2	1045.4	1072.4
67.5°	685.0	747.0	800.3	850.0	897.4	940.4	981.7	1020.5	1055.4	1086.1	1112.1
70°	722.2	783.1	835.8	881.6	926.1	971.8	1015.5	1054.7	1091.9	1126.3	1151.7
72.5°	753.6	816.1	865.1	909.9	954.0	998.5	1042.5	1086.5	1131.3	1166.5	1187.1
75°	782.4	839.3	887.6	933.7	979.7	1023.1	1066.7	1113.9	1157.2	1194.9	1218.7
77.5°	806.4	858.3	905.4	952.6	999.8	1045.1	1089.7	1134.7	1177.5	1215.3	1239.7
80°	821.9	872.2	918.2	966.5	1015.4	1061.9	1106.3	1150.7	1194.1	1231.9	1255.5
82.5°	835.3	885.5	931.3	978.8	1024.8	1068.6	1115.3	1163.4	1212.6	1252.7	1271.1
85°	845.6	894.8	939.5	987.6	1032.7	1077.7	1123.5	1172.6	1221.0	1259.6	1281.0
87.5°	854.6	900.0	942.9	990.8	1035.7	1083.3	1131.9	1181.0	1226.2	1265.0	1283.0
90°	854.4	901.2	941.9	988.7	1033.4	1082.9	1133.0	1178.4	1224.5	1267.2	1284.6
92.5°	854.6	900.0	942.9	990.8	1035.7	1083.3	1131.9	1181.0	1226.2	1265.0	1283.0
95°	845.6	894.8	939.5	987.6	1032.7	1077.7	1123.5	1172.6	1221.0	1259.6	1281.0
97.5°	835.3	885.5	931.3	978.8	1024.8	1068.6	1115.3	1163.4	1212.6	1252.7	1271.1
100°	821.9	872.2	918.2	966.5	1015.4	1061.9	1106.3	1150.7	1194.1	1231.9	1255.5
102.5°	806.4	858.3	905.4	952.6	999.8	1045.1	1089.7	1134.7	1177.5	1215.3	1239.7
105°	782.4	839.3	887.6	933.7	979.7	1023.1	1066.7	1113.9	1157.2	1194.9	1218.7
107.5°	753.6	816.1	865.1	909.9	954.0	998.5	1042.5	1086.5	1131.3	1166.5	1187.1
110°	722.2	783.1	835.8	881.6	926.1	971.8	1015.5	1054.7	1091.9	1126.3	1151.7



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**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	685.0	747.0	800.3	850.0	897.4	940.4	981.7	1020.5	1055.4	1086.1	1112.1
115°	641.4	701.6	762.6	813.7	860.7	904.8	943.9	980.2	1014.2	1045.4	1072.4
117.5°	592.9	654.3	713.6	770.5	816.7	860.0	899.2	936.6	969.4	999.2	1025.2
120°	552.5	602.1	658.8	713.0	764.2	808.2	846.3	882.7	916.3	946.4	972.4
122.5°	509.1	553.0	599.9	650.6	702.4	744.4	785.7	821.1	852.2	880.9	906.4
125°	464.7	502.4	542.1	585.8	629.5	672.1	708.9	741.9	771.9	798.7	821.2
127.5°	417.4	451.2	485.8	520.0	557.2	593.1	623.3	651.7	677.4	699.6	717.5
130°	371.0	397.6	428.3	458.4	488.1	513.7	537.1	560.7	580.5	596.1	607.3
132.5°	326.9	349.6	371.6	395.1	422.3	445.5	465.5	482.6	496.1	506.0	512.2
135°	282.4	302.3	321.4	343.6	364.7	385.5	402.1	417.6	429.5	438.1	443.6
137.5°	242.3	256.5	275.5	296.9	316.0	333.1	348.6	362.0	373.1	381.9	388.6
140°	205.9	220.7	238.0	255.0	270.9	286.2	300.4	312.6	322.8	331.1	337.4
142.5°	179.8	191.8	205.7	218.9	231.4	244.5	256.6	267.4	276.8	284.8	291.4
145°	159.0	168.7	178.7	188.2	197.7	208.1	217.6	226.3	233.9	240.5	245.9
147.5°	141.4	148.8	156.0	163.0	170.5	178.0	184.9	191.2	196.8	201.6	205.6
150°	128.4	132.8	137.1	141.3	147.0	152.4	157.5	162.0	166.1	169.7	172.6
152.5°	117.4	120.2	123.0	126.0	129.4	132.5	135.4	138.0	140.2	142.2	143.8
155°	107.8	109.3	111.0	113.1	115.1	117.0	118.8	120.3	121.7	122.8	123.6
157.5°	98.2	99.5	100.7	101.8	102.9	103.8	104.7	105.4	106.0	106.4	107.1
160°	87.3	88.1	88.9	89.7	90.4	91.0	91.5	91.9	92.1	92.1	92.5
162.5°	76.1	76.6	77.0	77.3	77.5	77.5	77.4	77.1	76.7	76.2	75.8
165°	65.4	65.8	66.0	66.1	66.0	65.8	65.5	65.0	64.4	63.7	63.0
167.5°	55.1	55.5	55.7	55.8	55.8	55.7	55.5	55.2	54.7	54.2	53.8
170°	44.6	44.9	45.2	45.5	45.6	45.6	45.5	45.4	45.2	45.2	44.6
172.5°	34.4	34.6	34.8	34.9	35.0	35.0	34.9	34.8	34.6	34.6	34.2
175°	23.6	24.0	24.3	24.6	24.8	25.0	25.1	25.2	25.7	25.4	25.2
177.5°	10.3	10.4	10.4	10.5	10.5	10.5	10.8	10.7	10.6	10.4	10.3
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
0°	0.0	0.0
2.5°	10.1	10.0
5°	24.9	24.7
7.5°	33.8	33.4
10°	44.0	43.4
12.5°	52.9	52.1
15°	61.9	60.8
17.5°	74.6	73.5
20°	91.7	90.9
22.5°	106.6	106.2
25°	124.3	124.3
27.5°	145.1	145.6
30°	175.2	176.4
32.5°	209.3	211.1
35°	250.8	253.2
37.5°	297.2	299.9
40°	342.8	344.7
42.5°	394.1	395.5
45°	447.3	446.2
47.5°	516.7	514.4
50°	616.4	615.2
52.5°	733.5	736.8
55°	841.9	849.7
57.5°	930.5	943.2
60°	996.5	1010.7
62.5°	1047.2	1064.8
65°	1094.9	1112.9
67.5°	1133.4	1150.3
70°	1169.9	1182.4
72.5°	1200.6	1208.4
75°	1228.9	1233.2
77.5°	1244.1	1244.5
80°	1264.8	1266.6
82.5°	1279.0	1280.6
85°	1285.2	1283.9
87.5°	1293.2	1296.0
90°	1291.9	1293.3
92.5°	1293.2	1296.0
95°	1285.2	1283.9
97.5°	1279.0	1280.6
100°	1264.8	1266.6
102.5°	1244.1	1244.5
105°	1228.9	1233.2
107.5°	1200.6	1208.4
110°	1169.9	1182.4





TEST NUMBER: P231911

CATALOG NUMBER: FVS4WM-2-LD4-50-2LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
112.5°	1133.4	1150.3
115°	1094.9	1112.9
117.5°	1047.2	1064.8
120°	996.5	1010.7
122.5°	930.5	943.2
125°	841.9	849.7
127.5°	733.5	736.8
130°	616.4	615.2
132.5°	516.7	514.4
135°	447.3	446.2
137.5°	394.1	395.5
140°	342.8	344.7
142.5°	297.2	299.9
145°	250.8	253.2
147.5°	209.3	211.1
150°	175.2	176.4
152.5°	145.1	145.6
155°	124.3	124.3
157.5°	106.6	106.2
160°	91.7	90.9
162.5°	74.6	73.5
165°	61.9	60.8
167.5°	52.9	52.1
170°	44.0	43.4
172.5°	33.8	33.4
175°	24.9	24.7
177.5°	10.1	10.0
180°	0.0	0.0

(END OF REPORT)