

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: P231908

Luminaire Tested: **FVS4WM-2-LD4-30-2LO-P125-UNV-EDC1**

Issue Date: 3/3/2020



Test Information

Test Method: LM-79-08
Report Number: P231908
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-LD4-30-2LO-P125-UNV-EDC1
Description: FAILSAFE FVS LED FIXTURE
2FT LENGTH, 2-MODULE LED WITH P125 LENS
Light Source: (84) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

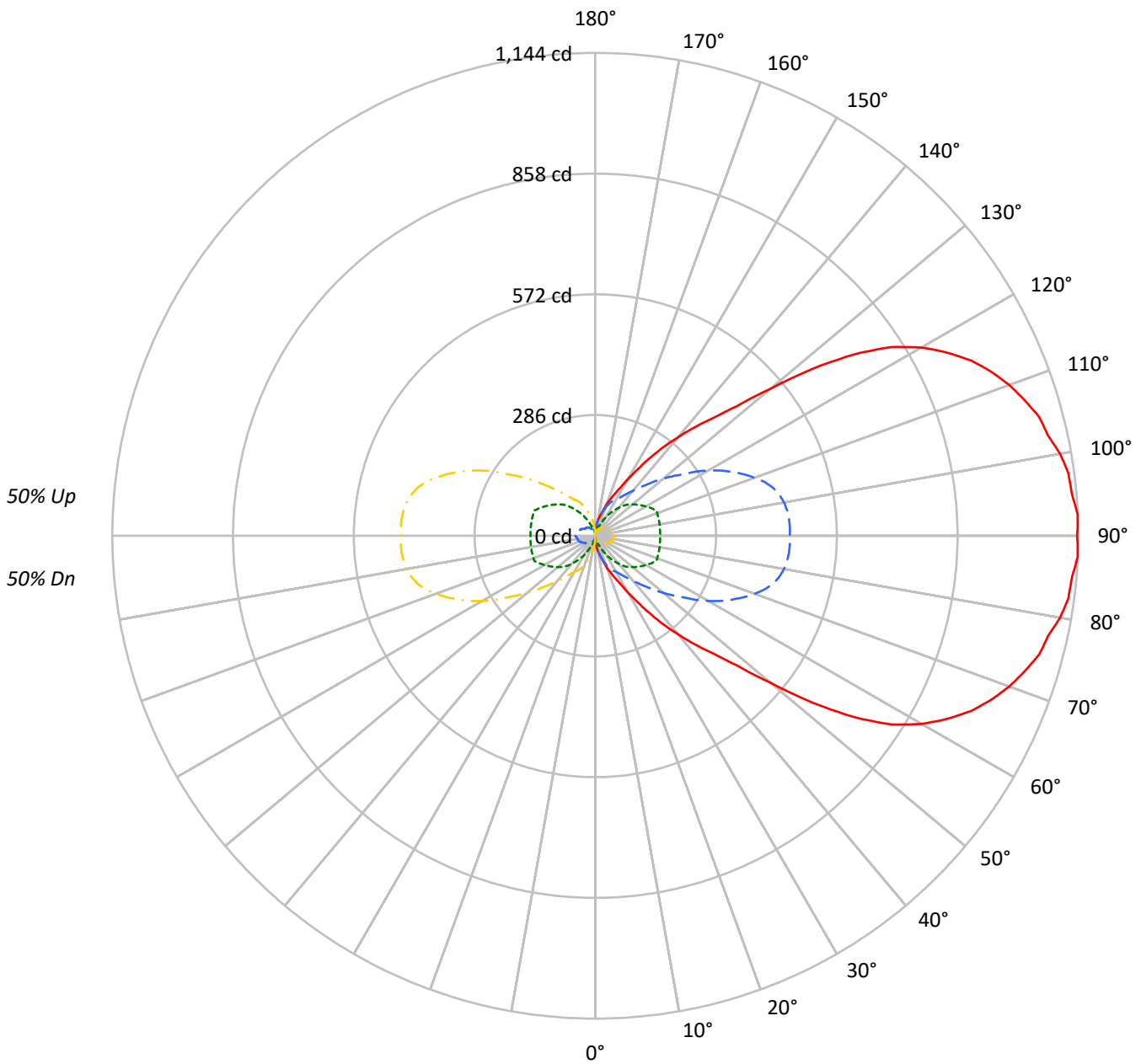
Lumens per Lamp: N/A
Luminaire Lumens: 2612.8 lumens
Efficiency: N/A
Efficacy: 108.4 lumens/watt
Spacing Criteria (0/90/45): - / - / -
Luminous Opening: Rectangular w/ Sides (W: 1.92' x L: 0.19' x H: 0.31')
CIE Type: General Diffuse

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°	572	175	0	175
10°	900	349	0	349
15°	1149	526	0	526
20°	1591	710	0	710
25°	2040	1078	0	1078
30°	2743	1653	0	1653
35°	3769	2278	0	2278
40°	4959	2979	0	2979
45°	6255	3780	0	3780
50°	8473	4502	0	4502
55°	11585	5384	0	5384
60°	13748	6479	9	6479
65°	15218	7898	9	7898
70°	16379	9429	9	9429
75°	17443	11166	10	11166
80°	18446	13855	0	13855
85°	19421	18469	0	18469



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1.2	0.0
10°-20°	8.4	0.3
20°-30°	23.4	0.9
30°-40°	52.0	2.0
40°-50°	100.6	3.8
50°-60°	179.1	6.9
60°-70°	264.0	10.1
70°-80°	323.8	12.4
80°-90°	353.9	13.5
90°-100°	353.9	13.5
100°-110°	323.8	12.4
110°-120°	264.0	10.1
120°-130°	179.1	6.9
130°-140°	100.6	3.8
140°-150°	52.0	2.0
150°-160°	23.4	0.9
160°-170°	8.4	0.3
170°-180°	1.2	0.0
0°-30°	33.0	1.3
0°-40°	85.1	3.3
0°-60°	364.7	14.0
0°-90°	1306.4	50.0
90°-120°	941.7	36.0
90°-150°	1273.4	48.7
90°-180°	1306.0	50.0
0°-180°	2612.8	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	0	0	0	0	0	
5°	22	6	0	6	22	2
15°	54	18	0	18	54	16
25°	110	35	0	35	110	53
35°	223	69	0	69	223	144
45°	394	104	0	104	394	316
55°	750	127	0	127	750	665
65°	982	150	1	150	982	970
75°	1088	155	1	155	1088	1146
85°	1133	154	0	154	1133	924
90°	1141	153	0	153	1141	626
95°	1133	154	0	154	1133	924
105°	1088	155	1	155	1088	1146
115°	982	150	1	150	982	970
125°	750	127	0	127	750	665
135°	394	104	0	104	394	316
145°	223	69	0	69	223	144
155°	110	35	0	35	110	53
165°	54	18	0	18	54	16
175°	22	6	0	6	22	2
180°	0	0	0	0	0	



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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°	8.8	8.9	9.0	9.2	9.3	9.4	9.5	9.2	9.2	9.2	9.2
5°	21.8	22.0	22.2	22.4	22.6	22.2	22.2	22.1	21.9	21.7	21.5
7.5°	29.5	29.9	30.2	30.6	30.6	30.7	30.8	30.9	30.9	30.8	30.7
10°	38.3	38.8	39.4	39.9	39.9	40.1	40.2	40.3	40.2	40.1	39.9
12.5°	46.0	46.7	47.5	47.9	48.3	48.7	49.0	49.2	49.3	49.3	49.2
15°	53.6	54.6	55.6	56.1	56.8	57.3	57.7	58.0	58.2	58.3	58.2
17.5°	64.8	65.8	66.8	67.2	67.7	68.0	68.3	68.4	68.3	68.2	68.0
20°	80.2	80.9	81.6	81.3	81.2	81.0	80.7	80.3	79.7	79.1	78.4
22.5°	93.7	94.1	94.5	93.8	93.5	93.0	92.4	91.6	90.8	89.9	88.9
25°	109.7	109.7	109.1	108.4	107.4	106.2	104.8	103.3	101.6	99.8	97.9
27.5°	128.5	128.1	126.9	125.5	123.8	121.7	119.5	116.9	114.2	111.2	108.5
30°	155.6	154.6	152.3	149.7	146.6	143.0	138.9	134.5	129.7	124.7	121.0
32.5°	186.3	184.7	181.5	177.9	173.6	168.7	163.1	157.0	150.4	143.8	137.7
35°	223.4	221.3	217.0	212.2	206.4	199.7	192.1	183.6	174.5	166.1	157.7
37.5°	264.7	262.3	257.1	251.4	244.3	235.9	226.4	215.7	204.2	193.2	181.6
40°	304.2	302.5	297.8	292.2	284.9	275.9	265.1	252.6	239.0	225.1	210.0
42.5°	349.0	347.8	342.9	337.0	329.2	319.4	307.7	293.9	278.9	262.0	243.1
45°	393.8	394.8	391.5	386.7	379.1	368.5	354.9	340.2	321.8	303.2	283.6
47.5°	453.9	455.9	452.0	446.5	437.8	425.9	410.8	393.1	372.7	348.7	327.9
50°	543.0	544.0	536.0	526.1	512.3	494.8	473.9	453.3	430.7	404.5	378.0
52.5°	650.3	647.4	633.3	617.5	597.9	575.2	550.1	523.4	491.7	458.9	428.7
55°	749.9	743.0	724.7	704.8	681.3	654.7	625.6	593.1	555.6	516.9	478.4
57.5°	832.4	821.2	799.9	777.5	752.1	724.7	693.4	656.9	619.8	574.2	529.4
60°	892.0	879.4	858.1	835.2	808.7	779.0	746.9	713.3	674.4	629.3	581.4
62.5°	939.7	924.1	904.7	881.7	855.5	826.5	793.5	759.0	720.7	679.9	629.7
65°	982.2	966.3	946.4	922.6	895.0	865.0	832.9	798.5	759.6	718.1	673.0
67.5°	1015.2	1000.2	981.4	958.5	931.4	900.6	866.3	829.9	791.9	750.2	706.3
70°	1043.5	1032.5	1016.4	993.9	963.6	930.7	896.2	857.6	817.2	778.0	737.6
72.5°	1066.5	1059.6	1047.7	1029.4	998.4	958.8	920.0	881.1	841.9	803.0	763.4
75°	1088.3	1084.5	1075.5	1054.5	1021.3	983.0	941.4	902.9	864.5	824.0	783.3
77.5°	1098.3	1097.9	1094.1	1072.5	1039.1	1001.3	961.7	922.3	882.4	840.6	799.0
80°	1117.8	1116.2	1107.9	1087.1	1053.8	1015.6	976.3	937.2	896.2	852.9	810.3
82.5°	1130.1	1128.7	1121.7	1105.5	1070.1	1026.7	984.3	943.0	904.4	863.8	821.9
85°	1133.1	1134.2	1130.5	1111.6	1077.6	1034.8	991.5	951.1	911.4	871.5	829.1
87.5°	1143.7	1141.3	1132.3	1116.4	1082.1	1042.2	998.8	956.0	914.0	874.4	832.1
90°	1141.3	1140.2	1133.7	1118.3	1080.6	1039.9	999.8	955.6	912.0	872.5	831.2
92.5°	1143.7	1141.3	1132.3	1116.4	1082.1	1042.2	998.8	956.0	914.0	874.4	832.1
95°	1133.1	1134.2	1130.5	1111.6	1077.6	1034.8	991.5	951.1	911.4	871.5	829.1
97.5°	1130.1	1128.7	1121.7	1105.5	1070.1	1026.7	984.3	943.0	904.4	863.8	821.9
100°	1117.8	1116.2	1107.9	1087.1	1053.8	1015.6	976.3	937.2	896.2	852.9	810.3
102.5°	1098.3	1097.9	1094.1	1072.5	1039.1	1001.3	961.7	922.3	882.4	840.6	799.0
105°	1088.3	1084.5	1075.5	1054.5	1021.3	983.0	941.4	902.9	864.5	824.0	783.3
107.5°	1066.5	1059.6	1047.7	1029.4	998.4	958.8	920.0	881.1	841.9	803.0	763.4
110°	1043.5	1032.5	1016.4	993.9	963.6	930.7	896.2	857.6	817.2	778.0	737.6



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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°	1015.2	1000.2	981.4	958.5	931.4	900.6	866.3	829.9	791.9	750.2	706.3
115°	982.2	966.3	946.4	922.6	895.0	865.0	832.9	798.5	759.6	718.1	673.0
117.5°	939.7	924.1	904.7	881.7	855.5	826.5	793.5	759.0	720.7	679.9	629.7
120°	892.0	879.4	858.1	835.2	808.7	779.0	746.9	713.3	674.4	629.3	581.4
122.5°	832.4	821.2	799.9	777.5	752.1	724.7	693.4	656.9	619.8	574.2	529.4
125°	749.9	743.0	724.7	704.8	681.3	654.7	625.6	593.1	555.6	516.9	478.4
127.5°	650.3	647.4	633.3	617.5	597.9	575.2	550.1	523.4	491.7	458.9	428.7
130°	543.0	544.0	536.0	526.1	512.3	494.8	473.9	453.3	430.7	404.5	378.0
132.5°	453.9	455.9	452.0	446.5	437.8	425.9	410.8	393.1	372.7	348.7	327.9
135°	393.8	394.8	391.5	386.7	379.1	368.5	354.9	340.2	321.8	303.2	283.6
137.5°	349.0	347.8	342.9	337.0	329.2	319.4	307.7	293.9	278.9	262.0	243.1
140°	304.2	302.5	297.8	292.2	284.9	275.9	265.1	252.6	239.0	225.1	210.0
142.5°	264.7	262.3	257.1	251.4	244.3	235.9	226.4	215.7	204.2	193.2	181.6
145°	223.4	221.3	217.0	212.2	206.4	199.7	192.1	183.6	174.5	166.1	157.7
147.5°	186.3	184.7	181.5	177.9	173.6	168.7	163.1	157.0	150.4	143.8	137.7
150°	155.6	154.6	152.3	149.7	146.6	143.0	138.9	134.5	129.7	124.7	121.0
152.5°	128.5	128.1	126.9	125.5	123.8	121.7	119.5	116.9	114.2	111.2	108.5
155°	109.7	109.7	109.1	108.4	107.4	106.2	104.8	103.3	101.6	99.8	97.9
157.5°	93.7	94.1	94.5	93.8	93.5	93.0	92.4	91.6	90.8	89.9	88.9
160°	80.2	80.9	81.6	81.3	81.2	81.0	80.7	80.3	79.7	79.1	78.4
162.5°	64.8	65.8	66.8	67.2	67.7	68.0	68.3	68.4	68.3	68.2	68.0
165°	53.6	54.6	55.6	56.1	56.8	57.3	57.7	58.0	58.2	58.3	58.2
167.5°	46.0	46.7	47.5	47.9	48.3	48.7	49.0	49.2	49.3	49.3	49.2
170°	38.3	38.8	39.4	39.9	39.9	40.1	40.2	40.3	40.2	40.1	39.9
172.5°	29.5	29.9	30.2	30.6	30.6	30.7	30.8	30.9	30.9	30.8	30.7
175°	21.8	22.0	22.2	22.4	22.6	22.2	22.2	22.1	21.9	21.7	21.5
177.5°	8.8	8.9	9.0	9.2	9.3	9.4	9.5	9.2	9.2	9.2	9.2
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	9.1	9.0	8.9	8.8	8.7	8.6	8.4	8.2	8.1	7.9	7.6
5°	21.2	20.8	20.5	20.0	19.6	19.1	18.5	17.9	17.3	16.7	16.0
7.5°	30.5	30.3	30.1	29.7	29.4	28.9	28.5	27.9	27.4	26.5	25.4
10°	39.7	39.3	38.9	38.4	37.8	37.1	36.5	35.8	35.0	34.2	33.2
12.5°	49.0	48.7	48.3	47.8	47.1	46.3	45.4	44.4	43.2	42.0	40.7
15°	58.1	57.7	57.3	56.7	56.0	55.2	54.3	53.2	52.0	50.6	49.0
17.5°	67.6	67.1	66.6	66.0	65.2	64.3	63.2	61.9	60.5	59.0	57.3
20°	77.7	77.0	76.3	75.5	74.6	73.6	72.4	71.0	69.4	67.6	65.6
22.5°	87.8	86.7	85.6	84.5	83.5	82.4	81.2	79.9	78.6	76.5	74.2
25°	96.5	95.1	93.7	92.4	91.1	89.9	88.9	87.9	86.4	84.8	83.5
27.5°	106.1	103.6	101.2	99.1	97.5	96.1	94.9	93.7	93.0	92.1	90.3
30°	117.2	113.3	109.7	106.7	103.9	101.3	99.8	98.4	98.5	99.3	100.0
32.5°	131.3	124.8	119.7	115.2	110.8	107.5	106.6	106.3	106.8	107.3	108.0
35°	148.9	140.3	132.9	125.5	120.8	119.0	116.8	116.2	115.4	115.6	116.0
37.5°	169.3	158.7	148.4	142.8	137.7	132.8	129.6	126.9	125.2	124.2	124.1
40°	194.8	181.7	172.5	164.7	157.2	150.3	144.5	139.4	136.1	133.6	132.5
42.5°	226.3	213.8	201.3	190.6	180.3	170.6	161.3	154.6	148.3	144.4	141.6
45°	266.8	249.2	233.9	218.8	205.5	192.7	181.8	170.8	163.1	156.2	151.6
47.5°	308.5	288.5	268.8	249.7	233.0	217.3	203.2	190.6	178.6	169.9	163.0
50°	350.9	327.4	304.7	282.9	262.5	243.2	226.0	210.7	197.0	184.6	175.0
52.5°	398.2	368.4	340.3	315.5	291.8	270.2	249.7	231.9	216.5	200.9	193.7
55°	443.4	410.1	378.1	347.6	321.0	296.3	273.4	253.7	240.0	228.3	219.5
57.5°	488.0	449.3	414.3	380.9	349.7	322.3	301.1	282.4	266.5	254.2	244.9
60°	531.4	487.6	447.6	411.8	381.3	353.5	329.1	309.1	292.5	279.2	269.0
62.5°	577.4	523.2	481.2	446.4	414.4	383.0	356.5	334.6	316.8	302.3	291.7
65°	619.2	566.0	515.9	478.7	445.2	412.8	382.2	357.5	339.2	324.8	314.0
67.5°	659.2	604.5	552.2	507.8	472.7	440.5	407.1	380.5	360.6	345.8	334.8
70°	691.1	637.3	584.1	533.6	497.1	464.7	431.9	401.6	379.8	365.0	354.2
72.5°	720.2	665.1	608.5	557.8	517.4	485.8	454.5	421.7	397.4	382.9	372.6
75°	740.7	690.5	629.5	575.8	533.5	503.9	471.8	436.7	411.9	397.4	388.3
77.5°	757.4	711.7	647.6	592.0	547.8	512.6	479.6	446.7	422.6	410.0	402.8
80°	769.7	725.3	667.2	607.0	558.6	520.3	485.8	453.8	430.6	421.0	416.3
82.5°	781.4	737.2	681.9	618.7	566.9	526.8	490.4	458.2	436.6	430.7	428.9
85°	789.6	746.3	691.6	627.0	572.5	532.0	493.5	460.4	440.9	439.6	441.0
87.5°	794.2	754.1	698.8	633.6	576.9	536.6	495.7	461.3	444.3	447.9	452.8
90°	795.3	754.0	696.8	633.2	576.6	537.1	494.6	460.4	447.5	456.3	464.6
92.5°	794.2	754.1	698.8	633.6	576.9	536.6	495.7	461.3	444.3	447.9	452.8
95°	789.6	746.3	691.6	627.0	572.5	532.0	493.5	460.4	440.9	439.6	441.0
97.5°	781.4	737.2	681.9	618.7	566.9	526.8	490.4	458.2	436.6	430.7	428.9
100°	769.7	725.3	667.2	607.0	558.6	520.3	485.8	453.8	430.6	421.0	416.3
102.5°	757.4	711.7	647.6	592.0	547.8	512.6	479.6	446.7	422.6	410.0	402.8
105°	740.7	690.5	629.5	575.8	533.5	503.9	471.8	436.7	411.9	397.4	388.3
107.5°	720.2	665.1	608.5	557.8	517.4	485.8	454.5	421.7	397.4	382.9	372.6
110°	691.1	637.3	584.1	533.6	497.1	464.7	431.9	401.6	379.8	365.0	354.2



TEST NUMBER: P231908

CATALOG NUMBER: FVS4WM-2-LD4-30-2LO-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°	659.2	604.5	552.2	507.8	472.7	440.5	407.1	380.5	360.6	345.8	334.8
115°	619.2	566.0	515.9	478.7	445.2	412.8	382.2	357.5	339.2	324.8	314.0
117.5°	577.4	523.2	481.2	446.4	414.4	383.0	356.5	334.6	316.8	302.3	291.7
120°	531.4	487.6	447.6	411.8	381.3	353.5	329.1	309.1	292.5	279.2	269.0
122.5°	488.0	449.3	414.3	380.9	349.7	322.3	301.1	282.4	266.5	254.2	244.9
125°	443.4	410.1	378.1	347.6	321.0	296.3	273.4	253.7	240.0	228.3	219.5
127.5°	398.2	368.4	340.3	315.5	291.8	270.2	249.7	231.9	216.5	200.9	193.7
130°	350.9	327.4	304.7	282.9	262.5	243.2	226.0	210.7	197.0	184.6	175.0
132.5°	308.5	288.5	268.8	249.7	233.0	217.3	203.2	190.6	178.6	169.9	163.0
135°	266.8	249.2	233.9	218.8	205.5	192.7	181.8	170.8	163.1	156.2	151.6
137.5°	226.3	213.8	201.3	190.6	180.3	170.6	161.3	154.6	148.3	144.4	141.6
140°	194.8	181.7	172.5	164.7	157.2	150.3	144.5	139.4	136.1	133.6	132.5
142.5°	169.3	158.7	148.4	142.8	137.7	132.8	129.6	126.9	125.2	124.2	124.1
145°	148.9	140.3	132.9	125.5	120.8	119.0	116.8	116.2	115.4	115.6	116.0
147.5°	131.3	124.8	119.7	115.2	110.8	107.5	106.6	106.3	106.8	107.3	108.0
150°	117.2	113.3	109.7	106.7	103.9	101.3	99.8	98.4	98.5	99.3	100.0
152.5°	106.1	103.6	101.2	99.1	97.5	96.1	94.9	93.7	93.0	92.1	90.3
155°	96.5	95.1	93.7	92.4	91.1	89.9	88.9	87.9	86.4	84.8	83.5
157.5°	87.8	86.7	85.6	84.5	83.5	82.4	81.2	79.9	78.6	76.5	74.2
160°	77.7	77.0	76.3	75.5	74.6	73.6	72.4	71.0	69.4	67.6	65.6
162.5°	67.6	67.1	66.6	66.0	65.2	64.3	63.2	61.9	60.5	59.0	57.3
165°	58.1	57.7	57.3	56.7	56.0	55.2	54.3	53.2	52.0	50.6	49.0
167.5°	49.0	48.7	48.3	47.8	47.1	46.3	45.4	44.4	43.2	42.0	40.7
170°	39.7	39.3	38.9	38.4	37.8	37.1	36.5	35.8	35.0	34.2	33.2
172.5°	30.5	30.3	30.1	29.7	29.4	28.9	28.5	27.9	27.4	26.5	25.4
175°	21.2	20.8	20.5	20.0	19.6	19.1	18.5	17.9	17.3	16.7	16.0
177.5°	9.1	9.0	8.9	8.8	8.7	8.6	8.4	8.2	8.1	7.9	7.6
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: P231908

CATALOG NUMBER: FVS4WM-2-LD4-30-2LO-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°	7.4	7.2	6.9	6.6	6.3	6.0	5.7	5.4	5.1	4.8	4.4
5°	15.2	14.5	13.7	13.1	12.6	12.0	11.4	10.8	10.1	9.5	8.8
7.5°	24.4	23.2	22.1	20.9	19.6	18.4	17.0	16.0	15.1	14.1	13.1
10°	32.3	31.2	30.2	28.6	26.9	25.3	23.6	21.8	20.1	18.7	17.4
12.5°	39.5	38.1	36.7	35.3	33.7	31.9	29.8	27.7	25.6	23.4	21.6
15°	47.3	45.5	43.8	41.8	39.9	37.9	35.8	33.4	30.9	28.4	25.8
17.5°	55.7	53.3	51.1	48.7	46.2	43.8	41.3	38.8	36.0	33.2	30.3
20°	63.5	61.2	58.7	55.9	53.0	50.0	47.1	44.0	40.9	37.8	34.6
22.5°	71.7	69.1	66.3	63.3	60.0	56.6	52.9	49.4	45.8	42.2	38.8
25°	80.3	77.3	74.1	70.7	67.9	64.9	61.7	58.3	55.0	51.5	48.1
27.5°	89.5	87.6	85.1	82.4	79.5	76.4	72.9	69.3	65.6	61.9	58.2
30°	99.5	98.6	96.8	94.0	90.9	87.6	84.0	80.1	76.3	72.2	68.2
32.5°	108.6	108.3	107.3	105.2	102.0	98.6	94.9	90.8	86.5	82.3	78.1
35°	116.5	117.1	116.6	115.6	112.9	109.4	105.5	101.7	96.9	92.3	88.0
37.5°	124.4	124.9	125.4	124.7	123.8	119.9	116.0	111.7	107.1	102.2	97.7
40°	132.3	132.7	133.2	133.4	132.5	130.1	126.3	121.8	117.1	112.1	107.4
42.5°	140.4	140.5	140.9	141.3	141.0	140.2	136.2	131.9	127.0	121.9	116.9
45°	149.2	148.0	148.5	149.0	149.3	148.6	145.9	141.7	136.7	131.5	126.3
47.5°	157.8	156.4	156.0	156.6	157.0	157.8	158.0	154.6	149.6	143.6	137.0
50°	168.8	165.7	169.8	174.5	177.1	177.6	176.7	171.9	165.2	157.2	148.6
52.5°	190.3	191.5	195.9	199.6	201.0	198.8	195.8	190.0	181.6	171.4	160.7
55°	215.3	216.7	221.3	226.1	226.4	221.7	216.0	208.8	198.6	186.0	173.2
57.5°	239.8	239.9	246.0	252.4	252.3	246.2	237.1	228.2	216.2	201.2	186.0
60°	262.6	262.1	269.6	277.5	279.2	272.2	259.1	248.1	233.9	216.9	199.1
62.5°	285.5	284.8	291.7	302.1	307.1	299.5	282.3	268.3	252.1	232.9	212.5
65°	307.4	306.2	312.3	326.4	335.5	326.6	306.9	289.0	270.6	249.2	226.1
67.5°	327.8	326.5	331.7	349.4	360.5	353.5	332.3	310.2	289.4	265.7	239.8
70°	347.2	346.7	352.9	369.9	380.4	372.1	347.3	319.8	295.9	270.3	242.9
72.5°	365.4	363.5	367.9	378.4	385.3	376.6	351.3	322.1	297.3	271.7	244.1
75°	381.6	378.8	382.2	389.2	391.8	381.3	355.0	324.1	298.5	272.8	245.0
77.5°	397.3	393.9	396.6	401.9	399.4	386.2	358.2	326.0	299.5	273.7	245.6
80°	412.6	408.8	411.1	416.1	408.0	391.2	360.9	327.6	300.1	274.2	246.0
82.5°	427.6	423.7	425.7	431.3	417.2	395.9	363.1	328.9	300.4	274.5	246.8
85°	442.3	438.5	440.4	447.1	426.7	401.7	366.0	330.7	301.0	275.0	246.3
87.5°	456.8	453.3	455.2	463.3	436.4	404.9	366.3	330.7	300.2	274.2	245.7
90°	471.0	468.1	470.4	478.7	445.1	408.0	366.7	330.7	299.5	273.5	245.2
92.5°	456.8	453.3	455.2	463.3	436.4	404.9	366.3	330.7	300.2	274.2	245.7
95°	442.3	438.5	440.4	447.1	426.7	401.7	366.0	330.7	301.0	275.0	246.3
97.5°	427.6	423.7	425.7	431.3	417.2	395.9	363.1	328.9	300.4	274.5	246.8
100°	412.6	408.8	411.1	416.1	408.0	391.2	360.9	327.6	300.1	274.2	246.0
102.5°	397.3	393.9	396.6	401.9	399.4	386.2	358.2	326.0	299.5	273.7	245.6
105°	381.6	378.8	382.2	389.2	391.8	381.3	355.0	324.1	298.5	272.8	245.0
107.5°	365.4	363.5	367.9	378.4	385.3	376.6	351.3	322.1	297.3	271.7	244.1
110°	347.2	346.7	352.9	369.9	380.4	372.1	347.3	319.8	295.9	270.3	242.9



TEST NUMBER: P231908

CATALOG NUMBER: FVS4WM-2-LD4-30-2LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	327.8	326.5	331.7	349.4	360.5	353.5	332.3	310.2	289.4	265.7	239.8
115°	307.4	306.2	312.3	326.4	335.5	326.6	306.9	289.0	270.6	249.2	226.1
117.5°	285.5	284.8	291.7	302.1	307.1	299.5	282.3	268.3	252.1	232.9	212.5
120°	262.6	262.1	269.6	277.5	279.2	272.2	259.1	248.1	233.9	216.9	199.1
122.5°	239.8	239.9	246.0	252.4	252.3	246.2	237.1	228.2	216.2	201.2	186.0
125°	215.3	216.7	221.3	226.1	226.4	221.7	216.0	208.8	198.6	186.0	173.2
127.5°	190.3	191.5	195.9	199.6	201.0	198.8	195.8	190.0	181.6	171.4	160.7
130°	168.8	165.7	169.8	174.5	177.1	177.6	176.7	171.9	165.2	157.2	148.6
132.5°	157.8	156.4	156.0	156.6	157.0	157.8	158.0	154.6	149.6	143.6	137.0
135°	149.2	148.0	148.5	149.0	149.3	148.6	145.9	141.7	136.7	131.5	126.3
137.5°	140.4	140.5	140.9	141.3	141.0	140.2	136.2	131.9	127.0	121.9	116.9
140°	132.3	132.7	133.2	133.4	132.5	130.1	126.3	121.8	117.1	112.1	107.4
142.5°	124.4	124.9	125.4	124.7	123.8	119.9	116.0	111.7	107.1	102.2	97.7
145°	116.5	117.1	116.6	115.6	112.9	109.4	105.5	101.7	96.9	92.3	88.0
147.5°	108.6	108.3	107.3	105.2	102.0	98.6	94.9	90.8	86.5	82.3	78.1
150°	99.5	98.6	96.8	94.0	90.9	87.6	84.0	80.1	76.3	72.2	68.2
152.5°	89.5	87.6	85.1	82.4	79.5	76.4	72.9	69.3	65.6	61.9	58.2
155°	80.3	77.3	74.1	70.7	67.9	64.9	61.7	58.3	55.0	51.5	48.1
157.5°	71.7	69.1	66.3	63.3	60.0	56.6	52.9	49.4	45.8	42.2	38.8
160°	63.5	61.2	58.7	55.9	53.0	50.0	47.1	44.0	40.9	37.8	34.6
162.5°	55.7	53.3	51.1	48.7	46.2	43.8	41.3	38.8	36.0	33.2	30.3
165°	47.3	45.5	43.8	41.8	39.9	37.9	35.8	33.4	30.9	28.4	25.8
167.5°	39.5	38.1	36.7	35.3	33.7	31.9	29.8	27.7	25.6	23.4	21.6
170°	32.3	31.2	30.2	28.6	26.9	25.3	23.6	21.8	20.1	18.7	17.4
172.5°	24.4	23.2	22.1	20.9	19.6	18.4	17.0	16.0	15.1	14.1	13.1
175°	15.2	14.5	13.7	13.1	12.6	12.0	11.4	10.8	10.1	9.5	8.8
177.5°	7.4	7.2	6.9	6.6	6.3	6.0	5.7	5.4	5.1	4.8	4.4
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: P231908

CATALOG NUMBER: FVS4WM-2-LD4-30-2LO-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°	4.1	3.7	3.3	2.9	2.9	2.9	2.9	2.9	2.8	2.8	2.7
5°	8.1	7.4	6.6	5.9	5.8	5.8	5.7	5.6	5.5	5.4	5.3
7.5°	12.1	11.0	9.9	8.8	8.7	8.6	8.5	8.3	8.1	8.0	7.8
10°	16.0	14.6	13.2	11.8	11.6	11.4	11.2	10.9	10.6	10.4	10.2
12.5°	19.9	18.2	16.5	14.7	14.4	14.1	13.8	13.4	13.1	12.9	12.7
15°	23.8	21.8	19.7	17.7	17.3	16.8	16.3	15.9	15.7	15.4	15.1
17.5°	27.6	25.3	23.0	20.6	20.1	19.5	18.8	18.5	18.2	17.9	17.5
20°	31.4	28.8	26.2	23.6	22.8	22.1	21.3	21.0	20.7	20.3	19.9
22.5°	35.4	32.3	29.4	26.5	25.6	24.7	23.9	23.6	23.2	22.7	22.2
25°	44.8	41.5	38.3	35.1	33.8	32.3	31.2	30.3	29.3	28.2	27.1
27.5°	54.5	50.8	47.3	43.7	41.9	40.0	38.7	37.5	36.1	34.7	33.2
30°	64.3	60.2	56.3	52.3	50.0	47.7	46.1	44.5	42.8	41.0	39.1
32.5°	73.9	69.6	65.3	60.9	58.1	55.4	53.4	51.4	49.2	47.0	44.6
35°	83.6	79.0	74.3	69.4	66.1	63.0	60.6	58.1	55.5	52.7	49.9
37.5°	93.1	88.4	83.3	78.0	74.1	70.5	67.6	64.6	61.7	58.2	55.0
40°	102.6	97.7	92.3	86.6	82.1	78.0	74.6	71.1	67.4	63.5	60.0
42.5°	112.1	107.0	101.3	95.2	90.0	85.4	81.5	77.4	73.1	68.7	64.7
45°	121.5	116.2	110.4	103.8	97.8	92.7	88.2	83.6	78.6	73.7	69.3
47.5°	130.7	124.2	117.3	109.6	102.4	96.5	91.2	86.1	81.0	76.5	72.1
50°	140.3	132.3	124.2	115.4	106.9	99.9	93.7	87.9	82.4	78.0	73.2
52.5°	150.3	140.5	131.2	121.3	111.4	103.3	96.1	89.6	83.8	79.5	74.6
55°	160.5	148.8	138.2	127.1	115.8	106.6	98.5	91.3	85.4	81.2	76.3
57.5°	171.0	157.2	145.2	132.9	120.1	109.8	100.7	93.0	87.1	82.9	78.2
60°	181.7	165.6	152.3	138.7	124.4	112.9	102.8	94.8	89.0	84.8	80.6
62.5°	192.6	174.1	159.4	144.6	128.7	116.0	104.9	96.5	90.9	86.8	82.9
65°	203.6	182.7	166.5	150.4	132.9	119.0	107.0	98.3	92.8	89.0	85.6
67.5°	214.8	191.3	173.6	156.2	137.1	122.0	109.0	100.1	94.9	91.4	88.5
70°	217.4	193.3	174.4	155.9	136.3	121.2	108.3	99.7	94.6	91.5	89.1
72.5°	219.2	195.1	175.1	155.6	135.4	120.4	107.5	99.0	93.9	90.6	88.4
75°	220.9	196.9	176.5	155.2	134.6	119.6	106.7	98.4	93.1	89.8	87.8
77.5°	222.3	198.6	176.9	154.9	133.8	118.8	106.0	97.9	92.3	89.0	87.2
80°	223.5	201.0	177.4	154.6	133.0	118.2	105.4	97.4	91.6	88.2	86.7
82.5°	225.2	202.4	177.8	154.3	132.3	117.6	104.9	97.0	90.9	87.5	86.2
85°	225.8	203.7	178.3	153.9	131.6	117.0	104.5	96.6	90.2	86.8	85.7
87.5°	226.4	205.0	178.7	153.6	130.9	116.5	104.1	96.3	89.6	86.1	85.3
90°	227.0	206.3	179.2	153.3	130.3	116.1	103.8	96.1	89.0	85.5	84.9
92.5°	226.4	205.0	178.7	153.6	130.9	116.5	104.1	96.3	89.6	86.1	85.3
95°	225.8	203.7	178.3	153.9	131.6	117.0	104.5	96.6	90.2	86.8	85.7
97.5°	225.2	202.4	177.8	154.3	132.3	117.6	104.9	97.0	90.9	87.5	86.2
100°	223.5	201.0	177.4	154.6	133.0	118.2	105.4	97.4	91.6	88.2	86.7
102.5°	222.3	198.6	176.9	154.9	133.8	118.8	106.0	97.9	92.3	89.0	87.2
105°	220.9	196.9	176.5	155.2	134.6	119.6	106.7	98.4	93.1	89.8	87.8
107.5°	219.2	195.1	175.1	155.6	135.4	120.4	107.5	99.0	93.9	90.6	88.4
110°	217.4	193.3	174.4	155.9	136.3	121.2	108.3	99.7	94.6	91.5	89.1



TEST NUMBER: P231908

CATALOG NUMBER: FVS4WM-2-LD4-30-2LO-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°	214.8	191.3	173.6	156.2	137.1	122.0	109.0	100.1	94.9	91.4	88.5
115°	203.6	182.7	166.5	150.4	132.9	119.0	107.0	98.3	92.8	89.0	85.6
117.5°	192.6	174.1	159.4	144.6	128.7	116.0	104.9	96.5	90.9	86.8	82.9
120°	181.7	165.6	152.3	138.7	124.4	112.9	102.8	94.8	89.0	84.8	80.6
122.5°	171.0	157.2	145.2	132.9	120.1	109.8	100.7	93.0	87.1	82.9	78.2
125°	160.5	148.8	138.2	127.1	115.8	106.6	98.5	91.3	85.4	81.2	76.3
127.5°	150.3	140.5	131.2	121.3	111.4	103.3	96.1	89.6	83.8	79.5	74.6
130°	140.3	132.3	124.2	115.4	106.9	99.9	93.7	87.9	82.4	78.0	73.2
132.5°	130.7	124.2	117.3	109.6	102.4	96.5	91.2	86.1	81.0	76.5	72.1
135°	121.5	116.2	110.4	103.8	97.8	92.7	88.2	83.6	78.6	73.7	69.3
137.5°	112.1	107.0	101.3	95.2	90.0	85.4	81.5	77.4	73.1	68.7	64.7
140°	102.6	97.7	92.3	86.6	82.1	78.0	74.6	71.1	67.4	63.5	60.0
142.5°	93.1	88.4	83.3	78.0	74.1	70.5	67.6	64.6	61.7	58.2	55.0
145°	83.6	79.0	74.3	69.4	66.1	63.0	60.6	58.1	55.5	52.7	49.9
147.5°	73.9	69.6	65.3	60.9	58.1	55.4	53.4	51.4	49.2	47.0	44.6
150°	64.3	60.2	56.3	52.3	50.0	47.7	46.1	44.5	42.8	41.0	39.1
152.5°	54.5	50.8	47.3	43.7	41.9	40.0	38.7	37.5	36.1	34.7	33.2
155°	44.8	41.5	38.3	35.1	33.8	32.3	31.2	30.3	29.3	28.2	27.1
157.5°	35.4	32.3	29.4	26.5	25.6	24.7	23.9	23.6	23.2	22.7	22.2
160°	31.4	28.8	26.2	23.6	22.8	22.1	21.3	21.0	20.7	20.3	19.9
162.5°	27.6	25.3	23.0	20.6	20.1	19.5	18.8	18.5	18.2	17.9	17.5
165°	23.8	21.8	19.7	17.7	17.3	16.8	16.3	15.9	15.7	15.4	15.1
167.5°	19.9	18.2	16.5	14.7	14.4	14.1	13.8	13.4	13.1	12.9	12.7
170°	16.0	14.6	13.2	11.8	11.6	11.4	11.2	10.9	10.6	10.4	10.2
172.5°	12.1	11.0	9.9	8.8	8.7	8.6	8.5	8.3	8.1	8.0	7.8
175°	8.1	7.4	6.6	5.9	5.8	5.8	5.7	5.6	5.5	5.4	5.3
177.5°	4.1	3.7	3.3	2.9	2.9	2.9	2.9	2.9	2.8	2.8	2.7
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: P231908

CATALOG NUMBER: FVS4WM-2-LD4-30-2LO-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°	2.7	2.6	2.6	2.5	2.4	2.4	2.3	2.2	2.1	2.0	2.0
5°	5.2	5.1	4.9	4.8	4.7	4.5	4.4	4.2	4.1	3.9	3.8
7.5°	7.6	7.4	7.3	7.1	6.9	6.7	6.5	6.3	6.1	5.8	5.6
10°	10.0	9.8	9.6	9.4	9.1	8.8	8.6	8.3	8.0	7.6	7.3
12.5°	12.4	12.2	11.9	11.6	11.3	10.9	10.6	10.2	9.8	9.4	9.0
15°	14.8	14.5	14.1	13.8	13.4	13.0	12.5	12.1	11.6	11.1	10.6
17.5°	17.2	16.8	16.3	15.9	15.4	14.9	14.4	13.9	13.4	12.8	12.2
20°	19.5	19.0	18.5	18.0	17.4	16.9	16.3	15.7	15.1	14.4	13.8
22.5°	21.7	21.2	20.6	20.0	19.4	18.8	18.1	17.4	16.7	16.0	15.3
25°	25.8	24.6	23.3	22.1	21.4	20.7	19.9	19.1	18.4	17.6	16.7
27.5°	31.6	30.1	28.5	27.0	25.3	23.8	22.2	20.8	20.0	19.1	18.2
30°	37.1	35.3	33.4	31.4	29.4	27.5	25.6	23.9	22.4	20.9	19.4
32.5°	42.3	40.1	37.8	35.3	32.9	30.6	28.5	26.6	24.8	22.9	21.1
35°	47.3	44.7	41.6	38.6	35.8	33.3	30.9	28.7	26.6	24.6	22.9
37.5°	52.1	48.6	45.0	41.6	38.4	35.6	33.0	30.5	28.2	26.2	24.3
40°	56.4	52.1	48.0	44.1	40.7	37.5	34.7	32.1	29.6	27.5	25.5
42.5°	60.2	55.2	50.6	46.4	42.6	39.3	36.2	33.4	30.8	28.6	26.6
45°	63.7	58.2	52.9	48.5	44.4	40.9	37.5	34.5	31.9	29.6	27.5
47.5°	66.3	60.7	55.2	50.2	46.2	42.2	38.5	35.5	32.9	30.5	28.2
50°	67.6	62.2	57.0	52.2	47.9	43.4	39.7	36.5	33.8	31.2	28.7
52.5°	69.3	64.1	59.1	54.5	50.0	45.6	41.8	38.2	34.6	31.7	29.0
55°	71.4	66.4	61.3	56.8	52.3	48.3	44.8	41.3	37.3	33.3	29.4
57.5°	73.7	68.8	63.9	59.3	54.7	51.4	48.1	44.2	39.9	35.5	31.4
60°	76.3	71.4	66.5	61.9	57.9	54.8	51.5	47.1	42.3	37.7	33.3
62.5°	79.1	74.1	69.3	64.7	61.3	58.4	54.8	49.9	44.6	39.7	35.1
65°	81.9	77.0	72.2	67.7	65.0	62.2	57.9	52.5	46.9	41.6	36.6
67.5°	84.9	80.0	75.2	71.0	68.9	66.2	61.0	55.0	49.1	43.5	38.2
70°	86.0	81.8	77.7	74.6	72.9	69.9	64.1	57.4	51.4	45.2	39.7
72.5°	85.4	81.6	77.7	75.1	73.4	70.4	65.2	59.2	53.5	46.9	41.2
75°	85.0	81.5	78.0	75.5	73.5	70.0	64.9	59.1	53.1	47.2	42.0
77.5°	84.7	81.6	78.3	75.8	73.5	69.8	64.8	59.2	53.0	47.3	42.3
80°	84.6	81.9	78.7	76.2	73.6	69.8	65.1	59.4	53.1	47.6	42.8
82.5°	84.6	82.2	79.3	76.5	73.7	69.9	65.6	59.9	53.5	48.2	43.6
85°	84.7	82.6	79.9	76.9	73.8	70.3	66.4	60.6	54.1	49.0	44.6
87.5°	84.8	83.1	80.6	77.3	74.0	70.7	67.3	61.4	54.9	50.1	45.8
90°	84.9	83.7	81.4	77.8	74.3	71.3	68.4	62.5	56.0	51.3	47.2
92.5°	84.8	83.1	80.6	77.3	74.0	70.7	67.3	61.4	54.9	50.1	45.8
95°	84.7	82.6	79.9	76.9	73.8	70.3	66.4	60.6	54.1	49.0	44.6
97.5°	84.6	82.2	79.3	76.5	73.7	69.9	65.6	59.9	53.5	48.2	43.6
100°	84.6	81.9	78.7	76.2	73.6	69.8	65.1	59.4	53.1	47.6	42.8
102.5°	84.7	81.6	78.3	75.8	73.5	69.8	64.8	59.2	53.0	47.3	42.3
105°	85.0	81.5	78.0	75.5	73.5	70.0	64.9	59.1	53.1	47.2	42.0
107.5°	85.4	81.6	77.7	75.1	73.4	70.4	65.2	59.2	53.5	46.9	41.2
110°	86.0	81.8	77.7	74.6	72.9	69.9	64.1	57.4	51.4	45.2	39.7



TEST NUMBER: P231908

CATALOG NUMBER: FVS4WM-2-LD4-30-2LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	84.9	80.0	75.2	71.0	68.9	66.2	61.0	55.0	49.1	43.5	38.2
115°	81.9	77.0	72.2	67.7	65.0	62.2	57.9	52.5	46.9	41.6	36.6
117.5°	79.1	74.1	69.3	64.7	61.3	58.4	54.8	49.9	44.6	39.7	35.1
120°	76.3	71.4	66.5	61.9	57.9	54.8	51.5	47.1	42.3	37.7	33.3
122.5°	73.7	68.8	63.9	59.3	54.7	51.4	48.1	44.2	39.9	35.5	31.4
125°	71.4	66.4	61.3	56.8	52.3	48.3	44.8	41.3	37.3	33.3	29.4
127.5°	69.3	64.1	59.1	54.5	50.0	45.6	41.8	38.2	34.6	31.7	29.0
130°	67.6	62.2	57.0	52.2	47.9	43.4	39.7	36.5	33.8	31.2	28.7
132.5°	66.3	60.7	55.2	50.2	46.2	42.2	38.5	35.5	32.9	30.5	28.2
135°	63.7	58.2	52.9	48.5	44.4	40.9	37.5	34.5	31.9	29.6	27.5
137.5°	60.2	55.2	50.6	46.4	42.6	39.3	36.2	33.4	30.8	28.6	26.6
140°	56.4	52.1	48.0	44.1	40.7	37.5	34.7	32.1	29.6	27.5	25.5
142.5°	52.1	48.6	45.0	41.6	38.4	35.6	33.0	30.5	28.2	26.2	24.3
145°	47.3	44.7	41.6	38.6	35.8	33.3	30.9	28.7	26.6	24.6	22.9
147.5°	42.3	40.1	37.8	35.3	32.9	30.6	28.5	26.6	24.8	22.9	21.1
150°	37.1	35.3	33.4	31.4	29.4	27.5	25.6	23.9	22.4	20.9	19.4
152.5°	31.6	30.1	28.5	27.0	25.3	23.8	22.2	20.8	20.0	19.1	18.2
155°	25.8	24.6	23.3	22.1	21.4	20.7	19.9	19.1	18.4	17.6	16.7
157.5°	21.7	21.2	20.6	20.0	19.4	18.8	18.1	17.4	16.7	16.0	15.3
160°	19.5	19.0	18.5	18.0	17.4	16.9	16.3	15.7	15.1	14.4	13.8
162.5°	17.2	16.8	16.3	15.9	15.4	14.9	14.4	13.9	13.4	12.8	12.2
165°	14.8	14.5	14.1	13.8	13.4	13.0	12.5	12.1	11.6	11.1	10.6
167.5°	12.4	12.2	11.9	11.6	11.3	10.9	10.6	10.2	9.8	9.4	9.0
170°	10.0	9.8	9.6	9.4	9.1	8.8	8.6	8.3	8.0	7.6	7.3
172.5°	7.6	7.4	7.3	7.1	6.9	6.7	6.5	6.3	6.1	5.8	5.6
175°	5.2	5.1	4.9	4.8	4.7	4.5	4.4	4.2	4.1	3.9	3.8
177.5°	2.7	2.6	2.6	2.5	2.4	2.4	2.3	2.2	2.1	2.0	2.0
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: P231908

CATALOG NUMBER: FVS4WM-2-LD4-30-2LO-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°	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.1	1.0	0.9	0.8
5°	3.6	3.4	3.2	3.0	2.8	2.6	2.4	2.2	2.0	1.8	1.6
7.5°	5.3	5.0	4.8	4.5	4.2	3.9	3.6	3.3	3.0	2.6	2.3
10°	7.0	6.6	6.2	5.9	5.5	5.1	4.7	4.3	3.9	3.5	3.0
12.5°	8.6	8.1	7.7	7.2	6.7	6.2	5.8	5.3	4.7	4.2	3.7
15°	10.1	9.6	9.0	8.5	7.9	7.4	6.8	6.2	5.6	5.0	4.4
17.5°	11.6	11.0	10.4	9.7	9.1	8.4	7.8	7.1	6.4	5.7	5.0
20°	13.1	12.4	11.7	11.0	10.2	9.5	8.7	8.0	7.2	6.4	5.6
22.5°	14.5	13.7	12.9	12.1	11.3	10.5	9.6	8.8	7.9	7.0	6.1
25°	15.9	15.0	14.2	13.2	12.3	11.3	10.3	9.4	8.4	7.5	6.6
27.5°	17.2	16.2	15.1	14.1	13.1	12.1	11.1	10.1	9.1	8.1	7.1
30°	18.3	17.1	16.1	15.1	14.0	13.0	11.9	10.9	9.8	8.7	7.6
32.5°	19.6	18.3	17.2	16.1	15.0	13.9	12.7	11.6	10.4	9.3	8.1
35°	21.3	19.8	18.4	17.1	15.9	14.7	13.5	12.3	11.1	9.9	8.6
37.5°	22.6	21.0	19.5	18.1	16.8	15.5	14.3	13.0	11.7	10.4	9.1
40°	23.7	22.1	20.5	19.0	17.6	16.4	15.0	13.7	12.3	10.9	9.6
42.5°	24.7	22.9	21.2	19.7	18.2	16.9	15.7	14.3	12.9	11.5	10.0
45°	25.4	23.5	21.8	20.1	18.6	17.2	16.0	14.9	13.4	11.7	10.1
47.5°	26.0	23.9	22.0	20.3	18.8	17.4	16.0	14.7	13.5	11.8	10.1
50°	26.3	24.1	22.1	20.4	18.8	17.2	15.7	14.4	13.1	12.0	10.5
52.5°	26.5	24.1	22.1	20.3	18.5	16.9	15.4	14.3	13.2	11.9	10.5
55°	26.4	24.1	22.1	20.0	18.3	16.7	15.5	14.3	12.8	11.5	10.2
57.5°	27.6	24.2	21.8	19.9	18.2	17.0	15.5	13.9	12.6	11.2	10.0
60°	29.3	25.7	22.5	19.9	18.5	16.9	15.2	14.0	12.7	11.3	9.9
62.5°	30.8	27.0	23.8	21.2	18.8	16.7	15.6	14.2	12.8	11.3	9.7
65°	32.2	28.3	25.0	22.2	19.5	17.6	15.9	14.4	12.8	11.1	9.3
67.5°	33.5	29.6	26.1	23.0	20.4	18.3	16.4	14.6	12.7	10.8	8.9
70°	34.9	30.7	26.9	23.7	21.1	18.8	16.6	14.5	12.5	10.5	8.5
72.5°	36.3	31.7	27.9	24.5	21.6	19.1	16.6	14.1	11.9	10.0	8.1
75°	37.3	32.6	28.8	25.1	22.1	19.2	16.3	13.6	11.3	9.2	7.1
77.5°	37.6	33.1	29.3	25.6	22.5	19.3	15.9	13.2	10.6	8.1	6.0
80°	38.1	33.7	29.7	25.9	22.5	19.1	15.7	12.7	9.9	7.2	4.8
82.5°	38.8	34.4	30.2	26.3	22.7	19.0	15.6	12.4	9.2	6.3	3.8
85°	39.8	35.3	30.9	26.8	23.0	19.0	15.7	12.1	8.7	5.5	3.0
87.5°	41.0	36.4	31.8	27.4	23.5	19.4	15.9	12.1	8.3	4.9	2.6
90°	42.4	37.7	33.0	28.3	24.2	20.0	16.5	12.4	8.3	4.7	2.4
92.5°	41.0	36.4	31.8	27.4	23.5	19.4	15.9	12.1	8.3	4.9	2.6
95°	39.8	35.3	30.9	26.8	23.0	19.0	15.7	12.1	8.7	5.5	3.0
97.5°	38.8	34.4	30.2	26.3	22.7	19.0	15.6	12.4	9.2	6.3	3.8
100°	38.1	33.7	29.7	25.9	22.5	19.1	15.7	12.7	9.9	7.2	4.8
102.5°	37.6	33.1	29.3	25.6	22.5	19.3	15.9	13.2	10.6	8.1	6.0
105°	37.3	32.6	28.8	25.1	22.1	19.2	16.3	13.6	11.3	9.2	7.1
107.5°	36.3	31.7	27.9	24.5	21.6	19.1	16.6	14.1	11.9	10.0	8.1
110°	34.9	30.7	26.9	23.7	21.1	18.8	16.6	14.5	12.5	10.5	8.5



TEST NUMBER: P231908

CATALOG NUMBER: FVS4WM-2-LD4-30-2LO-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°	33.5	29.6	26.1	23.0	20.4	18.3	16.4	14.6	12.7	10.8	8.9
115°	32.2	28.3	25.0	22.2	19.5	17.6	15.9	14.4	12.8	11.1	9.3
117.5°	30.8	27.0	23.8	21.2	18.8	16.7	15.6	14.2	12.8	11.3	9.7
120°	29.3	25.7	22.5	19.9	18.5	16.9	15.2	14.0	12.7	11.3	9.9
122.5°	27.6	24.2	21.8	19.9	18.2	17.0	15.5	13.9	12.6	11.2	10.0
125°	26.4	24.1	22.1	20.0	18.3	16.7	15.5	14.3	12.8	11.5	10.2
127.5°	26.5	24.1	22.1	20.3	18.5	16.9	15.4	14.3	13.2	11.9	10.5
130°	26.3	24.1	22.1	20.4	18.8	17.2	15.7	14.4	13.1	12.0	10.5
132.5°	26.0	23.9	22.0	20.3	18.8	17.4	16.0	14.7	13.5	11.8	10.1
135°	25.4	23.5	21.8	20.1	18.6	17.2	16.0	14.9	13.4	11.7	10.1
137.5°	24.7	22.9	21.2	19.7	18.2	16.9	15.7	14.3	12.9	11.5	10.0
140°	23.7	22.1	20.5	19.0	17.6	16.4	15.0	13.7	12.3	10.9	9.6
142.5°	22.6	21.0	19.5	18.1	16.8	15.5	14.3	13.0	11.7	10.4	9.1
145°	21.3	19.8	18.4	17.1	15.9	14.7	13.5	12.3	11.1	9.9	8.6
147.5°	19.6	18.3	17.2	16.1	15.0	13.9	12.7	11.6	10.4	9.3	8.1
150°	18.3	17.1	16.1	15.1	14.0	13.0	11.9	10.9	9.8	8.7	7.6
152.5°	17.2	16.2	15.1	14.1	13.1	12.1	11.1	10.1	9.1	8.1	7.1
155°	15.9	15.0	14.2	13.2	12.3	11.3	10.3	9.4	8.4	7.5	6.6
157.5°	14.5	13.7	12.9	12.1	11.3	10.5	9.6	8.8	7.9	7.0	6.1
160°	13.1	12.4	11.7	11.0	10.2	9.5	8.7	8.0	7.2	6.4	5.6
162.5°	11.6	11.0	10.4	9.7	9.1	8.4	7.8	7.1	6.4	5.7	5.0
165°	10.1	9.6	9.0	8.5	7.9	7.4	6.8	6.2	5.6	5.0	4.4
167.5°	8.6	8.1	7.7	7.2	6.7	6.2	5.8	5.3	4.7	4.2	3.7
170°	7.0	6.6	6.2	5.9	5.5	5.1	4.7	4.3	3.9	3.5	3.0
172.5°	5.3	5.0	4.8	4.5	4.2	3.9	3.6	3.3	3.0	2.6	2.3
175°	3.6	3.4	3.2	3.0	2.8	2.6	2.4	2.2	2.0	1.8	1.6
177.5°	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.1	1.0	0.9	0.8
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: P231908

CATALOG NUMBER: FVS4WM-2-LD4-30-2LO-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°	0.7	0.6	0.5	0.4	0.2	0.1	0.0	0.1	0.2	0.4	0.5
5°	1.4	1.1	0.9	0.7	0.5	0.2	0.0	0.2	0.5	0.7	0.9
7.5°	2.0	1.7	1.3	1.0	0.7	0.3	0.0	0.3	0.7	1.0	1.3
10°	2.6	2.2	1.7	1.3	0.9	0.4	0.0	0.4	0.9	1.3	1.7
12.5°	3.2	2.7	2.1	1.6	1.1	0.5	0.0	0.5	1.1	1.6	2.1
15°	3.8	3.1	2.5	1.9	1.3	0.6	0.0	0.6	1.3	1.9	2.5
17.5°	4.3	3.6	2.9	2.2	1.4	0.7	0.0	0.7	1.4	2.2	2.9
20°	4.8	4.0	3.2	2.4	1.6	0.8	0.0	0.8	1.6	2.4	3.2
22.5°	5.2	4.4	3.5	2.6	1.7	0.9	0.0	0.9	1.7	2.6	3.5
25°	5.7	4.7	3.8	2.8	1.9	0.9	0.0	0.9	1.9	2.8	3.8
27.5°	6.1	5.1	4.1	3.1	2.0	1.0	0.0	1.0	2.0	3.1	4.1
30°	6.6	5.5	4.4	3.3	2.2	1.1	0.0	1.1	2.2	3.3	4.4
32.5°	7.0	5.8	4.7	3.5	2.3	1.2	0.0	1.2	2.3	3.5	4.7
35°	7.4	6.2	4.9	3.7	2.5	1.2	0.0	1.2	2.5	3.7	4.9
37.5°	7.8	6.5	5.2	3.9	2.6	1.3	0.0	1.3	2.6	3.9	5.2
40°	8.2	6.8	5.5	4.1	2.7	1.4	0.0	1.4	2.7	4.1	5.5
42.5°	8.5	7.1	5.6	4.2	2.8	1.4	0.0	1.4	2.8	4.2	5.6
45°	8.6	7.1	5.6	4.2	2.8	1.4	0.0	1.4	2.8	4.2	5.6
47.5°	8.6	7.2	5.7	4.3	2.9	1.4	0.0	1.4	2.9	4.3	5.7
50°	8.9	7.3	5.8	4.3	2.8	1.4	0.0	1.4	2.8	4.3	5.8
52.5°	8.8	7.2	5.6	4.2	2.7	1.4	0.0	1.4	2.7	4.2	5.6
55°	8.6	7.1	5.6	4.2	2.8	1.4	0.0	1.4	2.8	4.2	5.6
57.5°	8.8	7.2	5.7	4.3	3.1	1.8	0.6	1.8	3.1	4.3	5.7
60°	8.5	7.0	5.5	4.2	2.9	1.7	0.6	1.7	2.9	4.2	5.5
62.5°	8.1	6.5	5.1	3.8	2.7	1.6	0.6	1.6	2.7	3.8	5.1
65°	7.6	6.0	4.4	3.1	2.1	1.3	0.6	1.3	2.1	3.1	4.4
67.5°	7.1	5.1	3.3	2.4	1.7	1.1	0.6	1.1	1.7	2.4	3.3
70°	6.4	4.5	2.8	1.7	1.1	0.8	0.6	0.8	1.1	1.7	2.8
72.5°	5.8	3.9	2.2	1.0	0.7	0.6	0.6	0.6	0.7	1.0	2.2
75°	5.3	3.4	1.9	0.9	0.6	0.6	0.6	0.6	0.6	0.9	1.9
77.5°	4.3	2.9	1.5	0.7	0.2	0.1	0.0	0.1	0.2	0.7	1.5
80°	3.0	1.6	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
82.5°	1.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.8	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°	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	1.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	3.0	1.6	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
102.5°	4.3	2.9	1.5	0.7	0.2	0.1	0.0	0.1	0.2	0.7	1.5
105°	5.3	3.4	1.9	0.9	0.6	0.6	0.6	0.6	0.6	0.9	1.9
107.5°	5.8	3.9	2.2	1.0	0.7	0.6	0.6	0.6	0.7	1.0	2.2
110°	6.4	4.5	2.8	1.7	1.1	0.8	0.6	0.8	1.1	1.7	2.8



TEST NUMBER: P231908

CATALOG NUMBER: FVS4WM-2-LD4-30-2LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	7.1	5.1	3.3	2.4	1.7	1.1	0.6	1.1	1.7	2.4	3.3
115°	7.6	6.0	4.4	3.1	2.1	1.3	0.6	1.3	2.1	3.1	4.4
117.5°	8.1	6.5	5.1	3.8	2.7	1.6	0.6	1.6	2.7	3.8	5.1
120°	8.5	7.0	5.5	4.2	2.9	1.7	0.6	1.7	2.9	4.2	5.5
122.5°	8.8	7.2	5.7	4.3	3.1	1.8	0.6	1.8	3.1	4.3	5.7
125°	8.6	7.1	5.6	4.2	2.8	1.4	0.0	1.4	2.8	4.2	5.6
127.5°	8.8	7.2	5.6	4.2	2.7	1.4	0.0	1.4	2.7	4.2	5.6
130°	8.9	7.3	5.8	4.3	2.8	1.4	0.0	1.4	2.8	4.3	5.8
132.5°	8.6	7.2	5.7	4.3	2.9	1.4	0.0	1.4	2.9	4.3	5.7
135°	8.6	7.1	5.6	4.2	2.8	1.4	0.0	1.4	2.8	4.2	5.6
137.5°	8.5	7.1	5.6	4.2	2.8	1.4	0.0	1.4	2.8	4.2	5.6
140°	8.2	6.8	5.5	4.1	2.7	1.4	0.0	1.4	2.7	4.1	5.5
142.5°	7.8	6.5	5.2	3.9	2.6	1.3	0.0	1.3	2.6	3.9	5.2
145°	7.4	6.2	4.9	3.7	2.5	1.2	0.0	1.2	2.5	3.7	4.9
147.5°	7.0	5.8	4.7	3.5	2.3	1.2	0.0	1.2	2.3	3.5	4.7
150°	6.6	5.5	4.4	3.3	2.2	1.1	0.0	1.1	2.2	3.3	4.4
152.5°	6.1	5.1	4.1	3.1	2.0	1.0	0.0	1.0	2.0	3.1	4.1
155°	5.7	4.7	3.8	2.8	1.9	0.9	0.0	0.9	1.9	2.8	3.8
157.5°	5.2	4.4	3.5	2.6	1.7	0.9	0.0	0.9	1.7	2.6	3.5
160°	4.8	4.0	3.2	2.4	1.6	0.8	0.0	0.8	1.6	2.4	3.2
162.5°	4.3	3.6	2.9	2.2	1.4	0.7	0.0	0.7	1.4	2.2	2.9
165°	3.8	3.1	2.5	1.9	1.3	0.6	0.0	0.6	1.3	1.9	2.5
167.5°	3.2	2.7	2.1	1.6	1.1	0.5	0.0	0.5	1.1	1.6	2.1
170°	2.6	2.2	1.7	1.3	0.9	0.4	0.0	0.4	0.9	1.3	1.7
172.5°	2.0	1.7	1.3	1.0	0.7	0.3	0.0	0.3	0.7	1.0	1.3
175°	1.4	1.1	0.9	0.7	0.5	0.2	0.0	0.2	0.5	0.7	0.9
177.5°	0.7	0.6	0.5	0.4	0.2	0.1	0.0	0.1	0.2	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: P231908

CATALOG NUMBER: FVS4WM-2-LD4-30-2LO-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°	0.6	0.7	0.8	0.9	1.0	1.1	1.3	1.4	1.5	1.6	1.7
5°	1.1	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.8	3.0	3.2
7.5°	1.7	2.0	2.3	2.6	3.0	3.3	3.6	3.9	4.2	4.5	4.8
10°	2.2	2.6	3.0	3.5	3.9	4.3	4.7	5.1	5.5	5.9	6.2
12.5°	2.7	3.2	3.7	4.2	4.7	5.3	5.8	6.2	6.7	7.2	7.7
15°	3.1	3.8	4.4	5.0	5.6	6.2	6.8	7.4	7.9	8.5	9.0
17.5°	3.6	4.3	5.0	5.7	6.4	7.1	7.8	8.4	9.1	9.7	10.4
20°	4.0	4.8	5.6	6.4	7.2	8.0	8.7	9.5	10.2	11.0	11.7
22.5°	4.4	5.2	6.1	7.0	7.9	8.8	9.6	10.5	11.3	12.1	12.9
25°	4.7	5.7	6.6	7.5	8.4	9.4	10.3	11.3	12.3	13.2	14.2
27.5°	5.1	6.1	7.1	8.1	9.1	10.1	11.1	12.1	13.1	14.1	15.1
30°	5.5	6.6	7.6	8.7	9.8	10.9	11.9	13.0	14.0	15.1	16.1
32.5°	5.8	7.0	8.1	9.3	10.4	11.6	12.7	13.9	15.0	16.1	17.2
35°	6.2	7.4	8.6	9.9	11.1	12.3	13.5	14.7	15.9	17.1	18.4
37.5°	6.5	7.8	9.1	10.4	11.7	13.0	14.3	15.5	16.8	18.1	19.5
40°	6.8	8.2	9.6	10.9	12.3	13.7	15.0	16.4	17.6	19.0	20.5
42.5°	7.1	8.5	10.0	11.5	12.9	14.3	15.7	16.9	18.2	19.7	21.2
45°	7.1	8.6	10.1	11.7	13.4	14.9	16.0	17.2	18.6	20.1	21.8
47.5°	7.2	8.6	10.1	11.8	13.5	14.7	16.0	17.4	18.8	20.3	22.0
50°	7.3	8.9	10.5	12.0	13.1	14.4	15.7	17.2	18.8	20.4	22.1
52.5°	7.2	8.8	10.5	11.9	13.2	14.3	15.4	16.9	18.5	20.3	22.1
55°	7.1	8.6	10.2	11.5	12.8	14.3	15.5	16.7	18.3	20.0	22.1
57.5°	7.2	8.8	10.0	11.2	12.6	13.9	15.5	17.0	18.2	19.9	21.8
60°	7.0	8.5	9.9	11.3	12.7	14.0	15.2	16.9	18.5	19.9	22.5
62.5°	6.5	8.1	9.7	11.3	12.8	14.2	15.6	16.7	18.8	21.2	23.8
65°	6.0	7.6	9.3	11.1	12.8	14.4	15.9	17.6	19.5	22.2	25.0
67.5°	5.1	7.1	8.9	10.8	12.7	14.6	16.4	18.3	20.4	23.0	26.1
70°	4.5	6.4	8.5	10.5	12.5	14.5	16.6	18.8	21.1	23.7	26.9
72.5°	3.9	5.8	8.1	10.0	11.9	14.1	16.6	19.1	21.6	24.5	27.9
75°	3.4	5.3	7.1	9.2	11.3	13.6	16.3	19.2	22.1	25.1	28.8
77.5°	2.9	4.3	6.0	8.1	10.6	13.2	15.9	19.3	22.5	25.6	29.3
80°	1.6	3.0	4.8	7.2	9.9	12.7	15.7	19.1	22.5	25.9	29.7
82.5°	0.4	1.8	3.8	6.3	9.2	12.4	15.6	19.0	22.7	26.3	30.2
85°	0.0	0.8	3.0	5.5	8.7	12.1	15.7	19.0	23.0	26.8	30.9
87.5°	0.0	0.2	2.6	4.9	8.3	12.1	15.9	19.4	23.5	27.4	31.8
90°	0.0	0.0	2.4	4.7	8.3	12.4	16.5	20.0	24.2	28.3	33.0
92.5°	0.0	0.2	2.6	4.9	8.3	12.1	15.9	19.4	23.5	27.4	31.8
95°	0.0	0.8	3.0	5.5	8.7	12.1	15.7	19.0	23.0	26.8	30.9
97.5°	0.4	1.8	3.8	6.3	9.2	12.4	15.6	19.0	22.7	26.3	30.2
100°	1.6	3.0	4.8	7.2	9.9	12.7	15.7	19.1	22.5	25.9	29.7
102.5°	2.9	4.3	6.0	8.1	10.6	13.2	15.9	19.3	22.5	25.6	29.3
105°	3.4	5.3	7.1	9.2	11.3	13.6	16.3	19.2	22.1	25.1	28.8
107.5°	3.9	5.8	8.1	10.0	11.9	14.1	16.6	19.1	21.6	24.5	27.9
110°	4.5	6.4	8.5	10.5	12.5	14.5	16.6	18.8	21.1	23.7	26.9



TEST NUMBER: P231908

CATALOG NUMBER: FVS4WM-2-LD4-30-2LO-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°	5.1	7.1	8.9	10.8	12.7	14.6	16.4	18.3	20.4	23.0	26.1
115°	6.0	7.6	9.3	11.1	12.8	14.4	15.9	17.6	19.5	22.2	25.0
117.5°	6.5	8.1	9.7	11.3	12.8	14.2	15.6	16.7	18.8	21.2	23.8
120°	7.0	8.5	9.9	11.3	12.7	14.0	15.2	16.9	18.5	19.9	22.5
122.5°	7.2	8.8	10.0	11.2	12.6	13.9	15.5	17.0	18.2	19.9	21.8
125°	7.1	8.6	10.2	11.5	12.8	14.3	15.5	16.7	18.3	20.0	22.1
127.5°	7.2	8.8	10.5	11.9	13.2	14.3	15.4	16.9	18.5	20.3	22.1
130°	7.3	8.9	10.5	12.0	13.1	14.4	15.7	17.2	18.8	20.4	22.1
132.5°	7.2	8.6	10.1	11.8	13.5	14.7	16.0	17.4	18.8	20.3	22.0
135°	7.1	8.6	10.1	11.7	13.4	14.9	16.0	17.2	18.6	20.1	21.8
137.5°	7.1	8.5	10.0	11.5	12.9	14.3	15.7	16.9	18.2	19.7	21.2
140°	6.8	8.2	9.6	10.9	12.3	13.7	15.0	16.4	17.6	19.0	20.5
142.5°	6.5	7.8	9.1	10.4	11.7	13.0	14.3	15.5	16.8	18.1	19.5
145°	6.2	7.4	8.6	9.9	11.1	12.3	13.5	14.7	15.9	17.1	18.4
147.5°	5.8	7.0	8.1	9.3	10.4	11.6	12.7	13.9	15.0	16.1	17.2
150°	5.5	6.6	7.6	8.7	9.8	10.9	11.9	13.0	14.0	15.1	16.1
152.5°	5.1	6.1	7.1	8.1	9.1	10.1	11.1	12.1	13.1	14.1	15.1
155°	4.7	5.7	6.6	7.5	8.4	9.4	10.3	11.3	12.3	13.2	14.2
157.5°	4.4	5.2	6.1	7.0	7.9	8.8	9.6	10.5	11.3	12.1	12.9
160°	4.0	4.8	5.6	6.4	7.2	8.0	8.7	9.5	10.2	11.0	11.7
162.5°	3.6	4.3	5.0	5.7	6.4	7.1	7.8	8.4	9.1	9.7	10.4
165°	3.1	3.8	4.4	5.0	5.6	6.2	6.8	7.4	7.9	8.5	9.0
167.5°	2.7	3.2	3.7	4.2	4.7	5.3	5.8	6.2	6.7	7.2	7.7
170°	2.2	2.6	3.0	3.5	3.9	4.3	4.7	5.1	5.5	5.9	6.2
172.5°	1.7	2.0	2.3	2.6	3.0	3.3	3.6	3.9	4.2	4.5	4.8
175°	1.1	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.8	3.0	3.2
177.5°	0.6	0.7	0.8	0.9	1.0	1.1	1.3	1.4	1.5	1.6	1.7
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: P231908

CATALOG NUMBER: FVS4WM-2-LD4-30-2LO-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°	1.8	1.9	2.0	2.0	2.1	2.2	2.3	2.4	2.4	2.5	2.6
5°	3.4	3.6	3.8	3.9	4.1	4.2	4.4	4.5	4.7	4.8	4.9
7.5°	5.0	5.3	5.6	5.8	6.1	6.3	6.5	6.7	6.9	7.1	7.3
10°	6.6	7.0	7.3	7.6	8.0	8.3	8.6	8.8	9.1	9.4	9.6
12.5°	8.1	8.6	9.0	9.4	9.8	10.2	10.6	10.9	11.3	11.6	11.9
15°	9.6	10.1	10.6	11.1	11.6	12.1	12.5	13.0	13.4	13.8	14.1
17.5°	11.0	11.6	12.2	12.8	13.4	13.9	14.4	14.9	15.4	15.9	16.3
20°	12.4	13.1	13.8	14.4	15.1	15.7	16.3	16.9	17.4	18.0	18.5
22.5°	13.7	14.5	15.3	16.0	16.7	17.4	18.1	18.8	19.4	20.0	20.6
25°	15.0	15.9	16.7	17.6	18.4	19.1	19.9	20.7	21.4	22.1	23.3
27.5°	16.2	17.2	18.2	19.1	20.0	20.8	22.2	23.8	25.3	27.0	28.5
30°	17.1	18.3	19.4	20.9	22.4	23.9	25.6	27.5	29.4	31.4	33.4
32.5°	18.3	19.6	21.1	22.9	24.8	26.6	28.5	30.6	32.9	35.3	37.8
35°	19.8	21.3	22.9	24.6	26.6	28.7	30.9	33.3	35.8	38.6	41.6
37.5°	21.0	22.6	24.3	26.2	28.2	30.5	33.0	35.6	38.4	41.6	45.0
40°	22.1	23.7	25.5	27.5	29.6	32.1	34.7	37.5	40.7	44.1	48.0
42.5°	22.9	24.7	26.6	28.6	30.8	33.4	36.2	39.3	42.6	46.4	50.6
45°	23.5	25.4	27.5	29.6	31.9	34.5	37.5	40.9	44.4	48.5	52.9
47.5°	23.9	26.0	28.2	30.5	32.9	35.5	38.5	42.2	46.2	50.2	55.2
50°	24.1	26.3	28.7	31.2	33.8	36.5	39.7	43.4	47.9	52.2	57.0
52.5°	24.1	26.5	29.0	31.7	34.6	38.2	41.8	45.6	50.0	54.5	59.1
55°	24.1	26.4	29.4	33.3	37.3	41.3	44.8	48.3	52.3	56.8	61.3
57.5°	24.2	27.6	31.4	35.5	39.9	44.2	48.1	51.4	54.7	59.3	63.9
60°	25.7	29.3	33.3	37.7	42.3	47.1	51.5	54.8	57.9	61.9	66.5
62.5°	27.0	30.8	35.1	39.7	44.6	49.9	54.8	58.4	61.3	64.7	69.3
65°	28.3	32.2	36.6	41.6	46.9	52.5	57.9	62.2	65.0	67.7	72.2
67.5°	29.6	33.5	38.2	43.5	49.1	55.0	61.0	66.2	68.9	71.0	75.2
70°	30.7	34.9	39.7	45.2	51.4	57.4	64.1	69.9	72.9	74.6	77.7
72.5°	31.7	36.3	41.2	46.9	53.5	59.2	65.2	70.4	73.4	75.1	77.7
75°	32.6	37.3	42.0	47.2	53.1	59.1	64.9	70.0	73.5	75.5	78.0
77.5°	33.1	37.6	42.3	47.3	53.0	59.2	64.8	69.8	73.5	75.8	78.3
80°	33.7	38.1	42.8	47.6	53.1	59.4	65.1	69.8	73.6	76.2	78.7
82.5°	34.4	38.8	43.6	48.2	53.5	59.9	65.6	69.9	73.7	76.5	79.3
85°	35.3	39.8	44.6	49.0	54.1	60.6	66.4	70.3	73.8	76.9	79.9
87.5°	36.4	41.0	45.8	50.1	54.9	61.4	67.3	70.7	74.0	77.3	80.6
90°	37.7	42.4	47.2	51.3	56.0	62.5	68.4	71.3	74.3	77.8	81.4
92.5°	36.4	41.0	45.8	50.1	54.9	61.4	67.3	70.7	74.0	77.3	80.6
95°	35.3	39.8	44.6	49.0	54.1	60.6	66.4	70.3	73.8	76.9	79.9
97.5°	34.4	38.8	43.6	48.2	53.5	59.9	65.6	69.9	73.7	76.5	79.3
100°	33.7	38.1	42.8	47.6	53.1	59.4	65.1	69.8	73.6	76.2	78.7
102.5°	33.1	37.6	42.3	47.3	53.0	59.2	64.8	69.8	73.5	75.8	78.3
105°	32.6	37.3	42.0	47.2	53.1	59.1	64.9	70.0	73.5	75.5	78.0
107.5°	31.7	36.3	41.2	46.9	53.5	59.2	65.2	70.4	73.4	75.1	77.7
110°	30.7	34.9	39.7	45.2	51.4	57.4	64.1	69.9	72.9	74.6	77.7



TEST NUMBER: P231908

CATALOG NUMBER: FVS4WM-2-LD4-30-2LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	29.6	33.5	38.2	43.5	49.1	55.0	61.0	66.2	68.9	71.0	75.2
115°	28.3	32.2	36.6	41.6	46.9	52.5	57.9	62.2	65.0	67.7	72.2
117.5°	27.0	30.8	35.1	39.7	44.6	49.9	54.8	58.4	61.3	64.7	69.3
120°	25.7	29.3	33.3	37.7	42.3	47.1	51.5	54.8	57.9	61.9	66.5
122.5°	24.2	27.6	31.4	35.5	39.9	44.2	48.1	51.4	54.7	59.3	63.9
125°	24.1	26.4	29.4	33.3	37.3	41.3	44.8	48.3	52.3	56.8	61.3
127.5°	24.1	26.5	29.0	31.7	34.6	38.2	41.8	45.6	50.0	54.5	59.1
130°	24.1	26.3	28.7	31.2	33.8	36.5	39.7	43.4	47.9	52.2	57.0
132.5°	23.9	26.0	28.2	30.5	32.9	35.5	38.5	42.2	46.2	50.2	55.2
135°	23.5	25.4	27.5	29.6	31.9	34.5	37.5	40.9	44.4	48.5	52.9
137.5°	22.9	24.7	26.6	28.6	30.8	33.4	36.2	39.3	42.6	46.4	50.6
140°	22.1	23.7	25.5	27.5	29.6	32.1	34.7	37.5	40.7	44.1	48.0
142.5°	21.0	22.6	24.3	26.2	28.2	30.5	33.0	35.6	38.4	41.6	45.0
145°	19.8	21.3	22.9	24.6	26.6	28.7	30.9	33.3	35.8	38.6	41.6
147.5°	18.3	19.6	21.1	22.9	24.8	26.6	28.5	30.6	32.9	35.3	37.8
150°	17.1	18.3	19.4	20.9	22.4	23.9	25.6	27.5	29.4	31.4	33.4
152.5°	16.2	17.2	18.2	19.1	20.0	20.8	22.2	23.8	25.3	27.0	28.5
155°	15.0	15.9	16.7	17.6	18.4	19.1	19.9	20.7	21.4	22.1	23.3
157.5°	13.7	14.5	15.3	16.0	16.7	17.4	18.1	18.8	19.4	20.0	20.6
160°	12.4	13.1	13.8	14.4	15.1	15.7	16.3	16.9	17.4	18.0	18.5
162.5°	11.0	11.6	12.2	12.8	13.4	13.9	14.4	14.9	15.4	15.9	16.3
165°	9.6	10.1	10.6	11.1	11.6	12.1	12.5	13.0	13.4	13.8	14.1
167.5°	8.1	8.6	9.0	9.4	9.8	10.2	10.6	10.9	11.3	11.6	11.9
170°	6.6	7.0	7.3	7.6	8.0	8.3	8.6	8.8	9.1	9.4	9.6
172.5°	5.0	5.3	5.6	5.8	6.1	6.3	6.5	6.7	6.9	7.1	7.3
175°	3.4	3.6	3.8	3.9	4.1	4.2	4.4	4.5	4.7	4.8	4.9
177.5°	1.8	1.9	2.0	2.0	2.1	2.2	2.3	2.4	2.4	2.5	2.6
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: P231908

CATALOG NUMBER: FVS4WM-2-LD4-30-2LO-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°	2.6	2.7	2.7	2.8	2.8	2.9	2.9	2.9	2.9	2.9	3.3
5°	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.8	5.9	6.6
7.5°	7.4	7.6	7.8	8.0	8.1	8.3	8.5	8.6	8.7	8.8	9.9
10°	9.8	10.0	10.2	10.4	10.6	10.9	11.2	11.4	11.6	11.8	13.2
12.5°	12.2	12.4	12.7	12.9	13.1	13.4	13.8	14.1	14.4	14.7	16.5
15°	14.5	14.8	15.1	15.4	15.7	15.9	16.3	16.8	17.3	17.7	19.7
17.5°	16.8	17.2	17.5	17.9	18.2	18.5	18.8	19.5	20.1	20.6	23.0
20°	19.0	19.5	19.9	20.3	20.7	21.0	21.3	22.1	22.8	23.6	26.2
22.5°	21.2	21.7	22.2	22.7	23.2	23.6	23.9	24.7	25.6	26.5	29.4
25°	24.6	25.8	27.1	28.2	29.3	30.3	31.2	32.3	33.8	35.1	38.3
27.5°	30.1	31.6	33.2	34.7	36.1	37.5	38.7	40.0	41.9	43.7	47.3
30°	35.3	37.1	39.1	41.0	42.8	44.5	46.1	47.7	50.0	52.3	56.3
32.5°	40.1	42.3	44.6	47.0	49.2	51.4	53.4	55.4	58.1	60.9	65.3
35°	44.7	47.3	49.9	52.7	55.5	58.1	60.6	63.0	66.1	69.4	74.3
37.5°	48.6	52.1	55.0	58.2	61.7	64.6	67.6	70.5	74.1	78.0	83.3
40°	52.1	56.4	60.0	63.5	67.4	71.1	74.6	78.0	82.1	86.6	92.3
42.5°	55.2	60.2	64.7	68.7	73.1	77.4	81.5	85.4	90.0	95.2	101.3
45°	58.2	63.7	69.3	73.7	78.6	83.6	88.2	92.7	97.8	103.8	110.4
47.5°	60.7	66.3	72.1	76.5	81.0	86.1	91.2	96.5	102.4	109.6	117.3
50°	62.2	67.6	73.2	78.0	82.4	87.9	93.7	99.9	106.9	115.4	124.2
52.5°	64.1	69.3	74.6	79.5	83.8	89.6	96.1	103.3	111.4	121.3	131.2
55°	66.4	71.4	76.3	81.2	85.4	91.3	98.5	106.6	115.8	127.1	138.2
57.5°	68.8	73.7	78.2	82.9	87.1	93.0	100.7	109.8	120.1	132.9	145.2
60°	71.4	76.3	80.6	84.8	89.0	94.8	102.8	112.9	124.4	138.7	152.3
62.5°	74.1	79.1	82.9	86.8	90.9	96.5	104.9	116.0	128.7	144.6	159.4
65°	77.0	81.9	85.6	89.0	92.8	98.3	107.0	119.0	132.9	150.4	166.5
67.5°	80.0	84.9	88.5	91.4	94.9	100.1	109.0	122.0	137.1	156.2	173.6
70°	81.8	86.0	89.1	91.5	94.6	99.7	108.3	121.2	136.3	155.9	174.4
72.5°	81.6	85.4	88.4	90.6	93.9	99.0	107.5	120.4	135.4	155.6	175.1
75°	81.5	85.0	87.8	89.8	93.1	98.4	106.7	119.6	134.6	155.2	176.5
77.5°	81.6	84.7	87.2	89.0	92.3	97.9	106.0	118.8	133.8	154.9	176.9
80°	81.9	84.6	86.7	88.2	91.6	97.4	105.4	118.2	133.0	154.6	177.4
82.5°	82.2	84.6	86.2	87.5	90.9	97.0	104.9	117.6	132.3	154.3	177.8
85°	82.6	84.7	85.7	86.8	90.2	96.6	104.5	117.0	131.6	153.9	178.3
87.5°	83.1	84.8	85.3	86.1	89.6	96.3	104.1	116.5	130.9	153.6	178.7
90°	83.7	84.9	84.9	85.5	89.0	96.1	103.8	116.1	130.3	153.3	179.2
92.5°	83.1	84.8	85.3	86.1	89.6	96.3	104.1	116.5	130.9	153.6	178.7
95°	82.6	84.7	85.7	86.8	90.2	96.6	104.5	117.0	131.6	153.9	178.3
97.5°	82.2	84.6	86.2	87.5	90.9	97.0	104.9	117.6	132.3	154.3	177.8
100°	81.9	84.6	86.7	88.2	91.6	97.4	105.4	118.2	133.0	154.6	177.4
102.5°	81.6	84.7	87.2	89.0	92.3	97.9	106.0	118.8	133.8	154.9	176.9
105°	81.5	85.0	87.8	89.8	93.1	98.4	106.7	119.6	134.6	155.2	176.5
107.5°	81.6	85.4	88.4	90.6	93.9	99.0	107.5	120.4	135.4	155.6	175.1
110°	81.8	86.0	89.1	91.5	94.6	99.7	108.3	121.2	136.3	155.9	174.4



TEST NUMBER: P231908

CATALOG NUMBER: FVS4WM-2-LD4-30-2LO-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°	80.0	84.9	88.5	91.4	94.9	100.1	109.0	122.0	137.1	156.2	173.6
115°	77.0	81.9	85.6	89.0	92.8	98.3	107.0	119.0	132.9	150.4	166.5
117.5°	74.1	79.1	82.9	86.8	90.9	96.5	104.9	116.0	128.7	144.6	159.4
120°	71.4	76.3	80.6	84.8	89.0	94.8	102.8	112.9	124.4	138.7	152.3
122.5°	68.8	73.7	78.2	82.9	87.1	93.0	100.7	109.8	120.1	132.9	145.2
125°	66.4	71.4	76.3	81.2	85.4	91.3	98.5	106.6	115.8	127.1	138.2
127.5°	64.1	69.3	74.6	79.5	83.8	89.6	96.1	103.3	111.4	121.3	131.2
130°	62.2	67.6	73.2	78.0	82.4	87.9	93.7	99.9	106.9	115.4	124.2
132.5°	60.7	66.3	72.1	76.5	81.0	86.1	91.2	96.5	102.4	109.6	117.3
135°	58.2	63.7	69.3	73.7	78.6	83.6	88.2	92.7	97.8	103.8	110.4
137.5°	55.2	60.2	64.7	68.7	73.1	77.4	81.5	85.4	90.0	95.2	101.3
140°	52.1	56.4	60.0	63.5	67.4	71.1	74.6	78.0	82.1	86.6	92.3
142.5°	48.6	52.1	55.0	58.2	61.7	64.6	67.6	70.5	74.1	78.0	83.3
145°	44.7	47.3	49.9	52.7	55.5	58.1	60.6	63.0	66.1	69.4	74.3
147.5°	40.1	42.3	44.6	47.0	49.2	51.4	53.4	55.4	58.1	60.9	65.3
150°	35.3	37.1	39.1	41.0	42.8	44.5	46.1	47.7	50.0	52.3	56.3
152.5°	30.1	31.6	33.2	34.7	36.1	37.5	38.7	40.0	41.9	43.7	47.3
155°	24.6	25.8	27.1	28.2	29.3	30.3	31.2	32.3	33.8	35.1	38.3
157.5°	21.2	21.7	22.2	22.7	23.2	23.6	23.9	24.7	25.6	26.5	29.4
160°	19.0	19.5	19.9	20.3	20.7	21.0	21.3	22.1	22.8	23.6	26.2
162.5°	16.8	17.2	17.5	17.9	18.2	18.5	18.8	19.5	20.1	20.6	23.0
165°	14.5	14.8	15.1	15.4	15.7	15.9	16.3	16.8	17.3	17.7	19.7
167.5°	12.2	12.4	12.7	12.9	13.1	13.4	13.8	14.1	14.4	14.7	16.5
170°	9.8	10.0	10.2	10.4	10.6	10.9	11.2	11.4	11.6	11.8	13.2
172.5°	7.4	7.6	7.8	8.0	8.1	8.3	8.5	8.6	8.7	8.8	9.9
175°	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.8	5.9	6.6
177.5°	2.6	2.7	2.7	2.8	2.8	2.9	2.9	2.9	2.9	2.9	3.3
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231908

CATALOG NUMBER: FVS4WM-2-LD4-30-2LO-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°	3.7	4.1	4.4	4.8	5.1	5.4	5.7	6.0	6.3	6.6	6.9
5°	7.4	8.1	8.8	9.5	10.1	10.8	11.4	12.0	12.6	13.1	13.7
7.5°	11.0	12.1	13.1	14.1	15.1	16.0	17.0	18.4	19.6	20.9	22.1
10°	14.6	16.0	17.4	18.7	20.1	21.8	23.6	25.3	26.9	28.6	30.2
12.5°	18.2	19.9	21.6	23.4	25.6	27.7	29.8	31.9	33.7	35.3	36.7
15°	21.8	23.8	25.8	28.4	30.9	33.4	35.8	37.9	39.9	41.8	43.8
17.5°	25.3	27.6	30.3	33.2	36.0	38.8	41.3	43.8	46.2	48.7	51.1
20°	28.8	31.4	34.6	37.8	40.9	44.0	47.1	50.0	53.0	55.9	58.7
22.5°	32.3	35.4	38.8	42.2	45.8	49.4	52.9	56.6	60.0	63.3	66.3
25°	41.5	44.8	48.1	51.5	55.0	58.3	61.7	64.9	67.9	70.7	74.1
27.5°	50.8	54.5	58.2	61.9	65.6	69.3	72.9	76.4	79.5	82.4	85.1
30°	60.2	64.3	68.2	72.2	76.3	80.1	84.0	87.6	90.9	94.0	96.8
32.5°	69.6	73.9	78.1	82.3	86.5	90.8	94.9	98.6	102.0	105.2	107.3
35°	79.0	83.6	88.0	92.3	96.9	101.7	105.5	109.4	112.9	115.6	116.6
37.5°	88.4	93.1	97.7	102.2	107.1	111.7	116.0	119.9	123.8	124.7	125.4
40°	97.7	102.6	107.4	112.1	117.1	121.8	126.3	130.1	132.5	133.4	133.2
42.5°	107.0	112.1	116.9	121.9	127.0	131.9	136.2	140.2	141.0	141.3	140.9
45°	116.2	121.5	126.3	131.5	136.7	141.7	145.9	148.6	149.3	149.0	148.5
47.5°	124.2	130.7	137.0	143.6	149.6	154.6	158.0	157.8	157.0	156.6	156.0
50°	132.3	140.3	148.6	157.2	165.2	171.9	176.7	177.6	177.1	174.5	169.8
52.5°	140.5	150.3	160.7	171.4	181.6	190.0	195.8	198.8	201.0	199.6	195.9
55°	148.8	160.5	173.2	186.0	198.6	208.8	216.0	221.7	226.4	226.1	221.3
57.5°	157.2	171.0	186.0	201.2	216.2	228.2	237.1	246.2	252.3	252.4	246.0
60°	165.6	181.7	199.1	216.9	233.9	248.1	259.1	272.2	279.2	277.5	269.6
62.5°	174.1	192.6	212.5	232.9	252.1	268.3	282.3	299.5	307.1	302.1	291.7
65°	182.7	203.6	226.1	249.2	270.6	289.0	306.9	326.6	335.5	326.4	312.3
67.5°	191.3	214.8	239.8	265.7	289.4	310.2	332.3	353.5	360.5	349.4	331.7
70°	193.3	217.4	242.9	270.3	295.9	319.8	347.3	372.1	380.4	369.9	352.9
72.5°	195.1	219.2	244.1	271.7	297.3	322.1	351.3	376.6	385.3	378.4	367.9
75°	196.9	220.9	245.0	272.8	298.5	324.1	355.0	381.3	391.8	389.2	382.2
77.5°	198.6	222.3	245.6	273.7	299.5	326.0	358.2	386.2	399.4	401.9	396.6
80°	201.0	223.5	246.0	274.2	300.1	327.6	360.9	391.2	408.0	416.1	411.1
82.5°	202.4	225.2	246.8	274.5	300.4	328.9	363.1	395.9	417.2	431.3	425.7
85°	203.7	225.8	246.3	275.0	301.0	330.7	366.0	401.7	426.7	447.1	440.4
87.5°	205.0	226.4	245.7	274.2	300.2	330.7	366.3	404.9	436.4	463.3	455.2
90°	206.3	227.0	245.2	273.5	299.5	330.7	366.7	408.0	445.1	478.7	470.4
92.5°	205.0	226.4	245.7	274.2	300.2	330.7	366.3	404.9	436.4	463.3	455.2
95°	203.7	225.8	246.3	275.0	301.0	330.7	366.0	401.7	426.7	447.1	440.4
97.5°	202.4	225.2	246.8	274.5	300.4	328.9	363.1	395.9	417.2	431.3	425.7
100°	201.0	223.5	246.0	274.2	300.1	327.6	360.9	391.2	408.0	416.1	411.1
102.5°	198.6	222.3	245.6	273.7	299.5	326.0	358.2	386.2	399.4	401.9	396.6
105°	196.9	220.9	245.0	272.8	298.5	324.1	355.0	381.3	391.8	389.2	382.2
107.5°	195.1	219.2	244.1	271.7	297.3	322.1	351.3	376.6	385.3	378.4	367.9
110°	193.3	217.4	242.9	270.3	295.9	319.8	347.3	372.1	380.4	369.9	352.9



TEST NUMBER: P231908

CATALOG NUMBER: FVS4WM-2-LD4-30-2LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	191.3	214.8	239.8	265.7	289.4	310.2	332.3	353.5	360.5	349.4	331.7
115°	182.7	203.6	226.1	249.2	270.6	289.0	306.9	326.6	335.5	326.4	312.3
117.5°	174.1	192.6	212.5	232.9	252.1	268.3	282.3	299.5	307.1	302.1	291.7
120°	165.6	181.7	199.1	216.9	233.9	248.1	259.1	272.2	279.2	277.5	269.6
122.5°	157.2	171.0	186.0	201.2	216.2	228.2	237.1	246.2	252.3	252.4	246.0
125°	148.8	160.5	173.2	186.0	198.6	208.8	216.0	221.7	226.4	226.1	221.3
127.5°	140.5	150.3	160.7	171.4	181.6	190.0	195.8	198.8	201.0	199.6	195.9
130°	132.3	140.3	148.6	157.2	165.2	171.9	176.7	177.6	177.1	174.5	169.8
132.5°	124.2	130.7	137.0	143.6	149.6	154.6	158.0	157.8	157.0	156.6	156.0
135°	116.2	121.5	126.3	131.5	136.7	141.7	145.9	148.6	149.3	149.0	148.5
137.5°	107.0	112.1	116.9	121.9	127.0	131.9	136.2	140.2	141.0	141.3	140.9
140°	97.7	102.6	107.4	112.1	117.1	121.8	126.3	130.1	132.5	133.4	133.2
142.5°	88.4	93.1	97.7	102.2	107.1	111.7	116.0	119.9	123.8	124.7	125.4
145°	79.0	83.6	88.0	92.3	96.9	101.7	105.5	109.4	112.9	115.6	116.6
147.5°	69.6	73.9	78.1	82.3	86.5	90.8	94.9	98.6	102.0	105.2	107.3
150°	60.2	64.3	68.2	72.2	76.3	80.1	84.0	87.6	90.9	94.0	96.8
152.5°	50.8	54.5	58.2	61.9	65.6	69.3	72.9	76.4	79.5	82.4	85.1
155°	41.5	44.8	48.1	51.5	55.0	58.3	61.7	64.9	67.9	70.7	74.1
157.5°	32.3	35.4	38.8	42.2	45.8	49.4	52.9	56.6	60.0	63.3	66.3
160°	28.8	31.4	34.6	37.8	40.9	44.0	47.1	50.0	53.0	55.9	58.7
162.5°	25.3	27.6	30.3	33.2	36.0	38.8	41.3	43.8	46.2	48.7	51.1
165°	21.8	23.8	25.8	28.4	30.9	33.4	35.8	37.9	39.9	41.8	43.8
167.5°	18.2	19.9	21.6	23.4	25.6	27.7	29.8	31.9	33.7	35.3	36.7
170°	14.6	16.0	17.4	18.7	20.1	21.8	23.6	25.3	26.9	28.6	30.2
172.5°	11.0	12.1	13.1	14.1	15.1	16.0	17.0	18.4	19.6	20.9	22.1
175°	7.4	8.1	8.8	9.5	10.1	10.8	11.4	12.0	12.6	13.1	13.7
177.5°	3.7	4.1	4.4	4.8	5.1	5.4	5.7	6.0	6.3	6.6	6.9
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: P231908

CATALOG NUMBER: FVS4WM-2-LD4-30-2LO-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°	7.2	7.4	7.6	7.9	8.1	8.2	8.4	8.6	8.7	8.8	8.9
5°	14.5	15.2	16.0	16.7	17.3	17.9	18.5	19.1	19.6	20.0	20.5
7.5°	23.2	24.4	25.4	26.5	27.4	27.9	28.5	28.9	29.4	29.7	30.1
10°	31.2	32.3	33.2	34.2	35.0	35.8	36.5	37.1	37.8	38.4	38.9
12.5°	38.1	39.5	40.7	42.0	43.2	44.4	45.4	46.3	47.1	47.8	48.3
15°	45.5	47.3	49.0	50.6	52.0	53.2	54.3	55.2	56.0	56.7	57.3
17.5°	53.3	55.7	57.3	59.0	60.5	61.9	63.2	64.3	65.2	66.0	66.6
20°	61.2	63.5	65.6	67.6	69.4	71.0	72.4	73.6	74.6	75.5	76.3
22.5°	69.1	71.7	74.2	76.5	78.6	79.9	81.2	82.4	83.5	84.5	85.6
25°	77.3	80.3	83.5	84.8	86.4	87.9	88.9	89.9	91.1	92.4	93.7
27.5°	87.6	89.5	90.3	92.1	93.0	93.7	94.9	96.1	97.5	99.1	101.2
30°	98.6	99.5	100.0	99.3	98.5	98.4	99.8	101.3	103.9	106.7	109.7
32.5°	108.3	108.6	108.0	107.3	106.8	106.3	106.6	107.5	110.8	115.2	119.7
35°	117.1	116.5	116.0	115.6	115.4	116.2	116.8	119.0	120.8	125.5	132.9
37.5°	124.9	124.4	124.1	124.2	125.2	126.9	129.6	132.8	137.7	142.8	148.4
40°	132.7	132.3	132.5	133.6	136.1	139.4	144.5	150.3	157.2	164.7	172.5
42.5°	140.5	140.4	141.6	144.4	148.3	154.6	161.3	170.6	180.3	190.6	201.3
45°	148.0	149.2	151.6	156.2	163.1	170.8	181.8	192.7	205.5	218.8	233.9
47.5°	156.4	157.8	163.0	169.9	178.6	190.6	203.2	217.3	233.0	249.7	268.8
50°	165.7	168.8	175.0	184.6	197.0	210.7	226.0	243.2	262.5	282.9	304.7
52.5°	191.5	190.3	193.7	200.9	216.5	231.9	249.7	270.2	291.8	315.5	340.3
55°	216.7	215.3	219.5	228.3	240.0	253.7	273.4	296.3	321.0	347.6	378.1
57.5°	239.9	239.8	244.9	254.2	266.5	282.4	301.1	322.3	349.7	380.9	414.3
60°	262.1	262.6	269.0	279.2	292.5	309.1	329.1	353.5	381.3	411.8	447.6
62.5°	284.8	285.5	291.7	302.3	316.8	334.6	356.5	383.0	414.4	446.4	481.2
65°	306.2	307.4	314.0	324.8	339.2	357.5	382.2	412.8	445.2	478.7	515.9
67.5°	326.5	327.8	334.8	345.8	360.6	380.5	407.1	440.5	472.7	507.8	552.2
70°	346.7	347.2	354.2	365.0	379.8	401.6	431.9	464.7	497.1	533.6	584.1
72.5°	363.5	365.4	372.6	382.9	397.4	421.7	454.5	485.8	517.4	557.8	608.5
75°	378.8	381.6	388.3	397.4	411.9	436.7	471.8	503.9	533.5	575.8	629.5
77.5°	393.9	397.3	402.8	410.0	422.6	446.7	479.6	512.6	547.8	592.0	647.6
80°	408.8	412.6	416.3	421.0	430.6	453.8	485.8	520.3	558.6	607.0	667.2
82.5°	423.7	427.6	428.9	430.7	436.6	458.2	490.4	526.8	566.9	618.7	681.9
85°	438.5	442.3	441.0	439.6	440.9	460.4	493.5	532.0	572.5	627.0	691.6
87.5°	453.3	456.8	452.8	447.9	444.3	461.3	495.7	536.6	576.9	633.6	698.8
90°	468.1	471.0	464.6	456.3	447.5	460.4	494.6	537.1	576.6	633.2	696.8
92.5°	453.3	456.8	452.8	447.9	444.3	461.3	495.7	536.6	576.9	633.6	698.8
95°	438.5	442.3	441.0	439.6	440.9	460.4	493.5	532.0	572.5	627.0	691.6
97.5°	423.7	427.6	428.9	430.7	436.6	458.2	490.4	526.8	566.9	618.7	681.9
100°	408.8	412.6	416.3	421.0	430.6	453.8	485.8	520.3	558.6	607.0	667.2
102.5°	393.9	397.3	402.8	410.0	422.6	446.7	479.6	512.6	547.8	592.0	647.6
105°	378.8	381.6	388.3	397.4	411.9	436.7	471.8	503.9	533.5	575.8	629.5
107.5°	363.5	365.4	372.6	382.9	397.4	421.7	454.5	485.8	517.4	557.8	608.5
110°	346.7	347.2	354.2	365.0	379.8	401.6	431.9	464.7	497.1	533.6	584.1



TEST NUMBER: P231908

CATALOG NUMBER: FVS4WM-2-LD4-30-2LO-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°	326.5	327.8	334.8	345.8	360.6	380.5	407.1	440.5	472.7	507.8	552.2
115°	306.2	307.4	314.0	324.8	339.2	357.5	382.2	412.8	445.2	478.7	515.9
117.5°	284.8	285.5	291.7	302.3	316.8	334.6	356.5	383.0	414.4	446.4	481.2
120°	262.1	262.6	269.0	279.2	292.5	309.1	329.1	353.5	381.3	411.8	447.6
122.5°	239.9	239.8	244.9	254.2	266.5	282.4	301.1	322.3	349.7	380.9	414.3
125°	216.7	215.3	219.5	228.3	240.0	253.7	273.4	296.3	321.0	347.6	378.1
127.5°	191.5	190.3	193.7	200.9	216.5	231.9	249.7	270.2	291.8	315.5	340.3
130°	165.7	168.8	175.0	184.6	197.0	210.7	226.0	243.2	262.5	282.9	304.7
132.5°	156.4	157.8	163.0	169.9	178.6	190.6	203.2	217.3	233.0	249.7	268.8
135°	148.0	149.2	151.6	156.2	163.1	170.8	181.8	192.7	205.5	218.8	233.9
137.5°	140.5	140.4	141.6	144.4	148.3	154.6	161.3	170.6	180.3	190.6	201.3
140°	132.7	132.3	132.5	133.6	136.1	139.4	144.5	150.3	157.2	164.7	172.5
142.5°	124.9	124.4	124.1	124.2	125.2	126.9	129.6	132.8	137.7	142.8	148.4
145°	117.1	116.5	116.0	115.6	115.4	116.2	116.8	119.0	120.8	125.5	132.9
147.5°	108.3	108.6	108.0	107.3	106.8	106.3	106.6	107.5	110.8	115.2	119.7
150°	98.6	99.5	100.0	99.3	98.5	98.4	99.8	101.3	103.9	106.7	109.7
152.5°	87.6	89.5	90.3	92.1	93.0	93.7	94.9	96.1	97.5	99.1	101.2
155°	77.3	80.3	83.5	84.8	86.4	87.9	88.9	89.9	91.1	92.4	93.7
157.5°	69.1	71.7	74.2	76.5	78.6	79.9	81.2	82.4	83.5	84.5	85.6
160°	61.2	63.5	65.6	67.6	69.4	71.0	72.4	73.6	74.6	75.5	76.3
162.5°	53.3	55.7	57.3	59.0	60.5	61.9	63.2	64.3	65.2	66.0	66.6
165°	45.5	47.3	49.0	50.6	52.0	53.2	54.3	55.2	56.0	56.7	57.3
167.5°	38.1	39.5	40.7	42.0	43.2	44.4	45.4	46.3	47.1	47.8	48.3
170°	31.2	32.3	33.2	34.2	35.0	35.8	36.5	37.1	37.8	38.4	38.9
172.5°	23.2	24.4	25.4	26.5	27.4	27.9	28.5	28.9	29.4	29.7	30.1
175°	14.5	15.2	16.0	16.7	17.3	17.9	18.5	19.1	19.6	20.0	20.5
177.5°	7.2	7.4	7.6	7.9	8.1	8.2	8.4	8.6	8.7	8.8	8.9
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: P231908

CATALOG NUMBER: FVS4WM-2-LD4-30-2LO-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°	9.0	9.1	9.2	9.2	9.2	9.2	9.5	9.4	9.3	9.2	9.0
5°	20.8	21.2	21.5	21.7	21.9	22.1	22.2	22.2	22.6	22.4	22.2
7.5°	30.3	30.5	30.7	30.8	30.9	30.9	30.8	30.7	30.6	30.6	30.2
10°	39.3	39.7	39.9	40.1	40.2	40.3	40.2	40.1	39.9	39.9	39.4
12.5°	48.7	49.0	49.2	49.3	49.3	49.2	49.0	48.7	48.3	47.9	47.5
15°	57.7	58.1	58.2	58.3	58.2	58.0	57.7	57.3	56.8	56.1	55.6
17.5°	67.1	67.6	68.0	68.2	68.3	68.4	68.3	68.0	67.7	67.2	66.8
20°	77.0	77.7	78.4	79.1	79.7	80.3	80.7	81.0	81.2	81.3	81.6
22.5°	86.7	87.8	88.9	89.9	90.8	91.6	92.4	93.0	93.5	93.8	94.5
25°	95.1	96.5	97.9	99.8	101.6	103.3	104.8	106.2	107.4	108.4	109.1
27.5°	103.6	106.1	108.5	111.2	114.2	116.9	119.5	121.7	123.8	125.5	126.9
30°	113.3	117.2	121.0	124.7	129.7	134.5	138.9	143.0	146.6	149.7	152.3
32.5°	124.8	131.3	137.7	143.8	150.4	157.0	163.1	168.7	173.6	177.9	181.5
35°	140.3	148.9	157.7	166.1	174.5	183.6	192.1	199.7	206.4	212.2	217.0
37.5°	158.7	169.3	181.6	193.2	204.2	215.7	226.4	235.9	244.3	251.4	257.1
40°	181.7	194.8	210.0	225.1	239.0	252.6	265.1	275.9	284.9	292.2	297.8
42.5°	213.8	226.3	243.1	262.0	278.9	293.9	307.7	319.4	329.2	337.0	342.9
45°	249.2	266.8	283.6	303.2	321.8	340.2	354.9	368.5	379.1	386.7	391.5
47.5°	288.5	308.5	327.9	348.7	372.7	393.1	410.8	425.9	437.8	446.5	452.0
50°	327.4	350.9	378.0	404.5	430.7	453.3	473.9	494.8	512.3	526.1	536.0
52.5°	368.4	398.2	428.7	458.9	491.7	523.4	550.1	575.2	597.9	617.5	633.3
55°	410.1	443.4	478.4	516.9	555.6	593.1	625.6	654.7	681.3	704.8	724.7
57.5°	449.3	488.0	529.4	574.2	619.8	656.9	693.4	724.7	752.1	777.5	799.9
60°	487.6	531.4	581.4	629.3	674.4	713.3	746.9	779.0	808.7	835.2	858.1
62.5°	523.2	577.4	629.7	679.9	720.7	759.0	793.5	826.5	855.5	881.7	904.7
65°	566.0	619.2	673.0	718.1	759.6	798.5	832.9	865.0	895.0	922.6	946.4
67.5°	604.5	659.2	706.3	750.2	791.9	829.9	866.3	900.6	931.4	958.5	981.4
70°	637.3	691.1	737.6	778.0	817.2	857.6	896.2	930.7	963.6	993.9	1016.4
72.5°	665.1	720.2	763.4	803.0	841.9	881.1	920.0	958.8	998.4	1029.4	1047.7
75°	690.5	740.7	783.3	824.0	864.5	902.9	941.4	983.0	1021.3	1054.5	1075.5
77.5°	711.7	757.4	799.0	840.6	882.4	922.3	961.7	1001.3	1039.1	1072.5	1094.1
80°	725.3	769.7	810.3	852.9	896.2	937.2	976.3	1015.6	1053.8	1087.1	1107.9
82.5°	737.2	781.4	821.9	863.8	904.4	943.0	984.3	1026.7	1070.1	1105.5	1121.7
85°	746.3	789.6	829.1	871.5	911.4	951.1	991.5	1034.8	1077.6	1111.6	1130.5
87.5°	754.1	794.2	832.1	874.4	914.0	956.0	998.8	1042.2	1082.1	1116.4	1132.3
90°	754.0	795.3	831.2	872.5	912.0	955.6	999.8	1039.9	1080.6	1118.3	1133.7
92.5°	754.1	794.2	832.1	874.4	914.0	956.0	998.8	1042.2	1082.1	1116.4	1132.3
95°	746.3	789.6	829.1	871.5	911.4	951.1	991.5	1034.8	1077.6	1111.6	1130.5
97.5°	737.2	781.4	821.9	863.8	904.4	943.0	984.3	1026.7	1070.1	1105.5	1121.7
100°	725.3	769.7	810.3	852.9	896.2	937.2	976.3	1015.6	1053.8	1087.1	1107.9
102.5°	711.7	757.4	799.0	840.6	882.4	922.3	961.7	1001.3	1039.1	1072.5	1094.1
105°	690.5	740.7	783.3	824.0	864.5	902.9	941.4	983.0	1021.3	1054.5	1075.5
107.5°	665.1	720.2	763.4	803.0	841.9	881.1	920.0	958.8	998.4	1029.4	1047.7
110°	637.3	691.1	737.6	778.0	817.2	857.6	896.2	930.7	963.6	993.9	1016.4



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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°	604.5	659.2	706.3	750.2	791.9	829.9	866.3	900.6	931.4	958.5	981.4
115°	566.0	619.2	673.0	718.1	759.6	798.5	832.9	865.0	895.0	922.6	946.4
117.5°	523.2	577.4	629.7	679.9	720.7	759.0	793.5	826.5	855.5	881.7	904.7
120°	487.6	531.4	581.4	629.3	674.4	713.3	746.9	779.0	808.7	835.2	858.1
122.5°	449.3	488.0	529.4	574.2	619.8	656.9	693.4	724.7	752.1	777.5	799.9
125°	410.1	443.4	478.4	516.9	555.6	593.1	625.6	654.7	681.3	704.8	724.7
127.5°	368.4	398.2	428.7	458.9	491.7	523.4	550.1	575.2	597.9	617.5	633.3
130°	327.4	350.9	378.0	404.5	430.7	453.3	473.9	494.8	512.3	526.1	536.0
132.5°	288.5	308.5	327.9	348.7	372.7	393.1	410.8	425.9	437.8	446.5	452.0
135°	249.2	266.8	283.6	303.2	321.8	340.2	354.9	368.5	379.1	386.7	391.5
137.5°	213.8	226.3	243.1	262.0	278.9	293.9	307.7	319.4	329.2	337.0	342.9
140°	181.7	194.8	210.0	225.1	239.0	252.6	265.1	275.9	284.9	292.2	297.8
142.5°	158.7	169.3	181.6	193.2	204.2	215.7	226.4	235.9	244.3	251.4	257.1
145°	140.3	148.9	157.7	166.1	174.5	183.6	192.1	199.7	206.4	212.2	217.0
147.5°	124.8	131.3	137.7	143.8	150.4	157.0	163.1	168.7	173.6	177.9	181.5
150°	113.3	117.2	121.0	124.7	129.7	134.5	138.9	143.0	146.6	149.7	152.3
152.5°	103.6	106.1	108.5	111.2	114.2	116.9	119.5	121.7	123.8	125.5	126.9
155°	95.1	96.5	97.9	99.8	101.6	103.3	104.8	106.2	107.4	108.4	109.1
157.5°	86.7	87.8	88.9	89.9	90.8	91.6	92.4	93.0	93.5	93.8	94.5
160°	77.0	77.7	78.4	79.1	79.7	80.3	80.7	81.0	81.2	81.3	81.6
162.5°	67.1	67.6	68.0	68.2	68.3	68.4	68.3	68.0	67.7	67.2	66.8
165°	57.7	58.1	58.2	58.3	58.2	58.0	57.7	57.3	56.8	56.1	55.6
167.5°	48.7	49.0	49.2	49.3	49.3	49.2	49.0	48.7	48.3	47.9	47.5
170°	39.3	39.7	39.9	40.1	40.2	40.3	40.2	40.1	39.9	39.9	39.4
172.5°	30.3	30.5	30.7	30.8	30.9	30.9	30.8	30.7	30.6	30.6	30.2
175°	20.8	21.2	21.5	21.7	21.9	22.1	22.2	22.2	22.6	22.4	22.2
177.5°	9.0	9.1	9.2	9.2	9.2	9.2	9.5	9.4	9.3	9.2	9.0
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°	8.9	8.8
5°	22.0	21.8
7.5°	29.9	29.5
10°	38.8	38.3
12.5°	46.7	46.0
15°	54.6	53.6
17.5°	65.8	64.8
20°	80.9	80.2
22.5°	94.1	93.7
25°	109.7	109.7
27.5°	128.1	128.5
30°	154.6	155.6
32.5°	184.7	186.3
35°	221.3	223.4
37.5°	262.3	264.7
40°	302.5	304.2
42.5°	347.8	349.0
45°	394.8	393.8
47.5°	455.9	453.9
50°	544.0	543.0
52.5°	647.4	650.3
55°	743.0	749.9
57.5°	821.2	832.4
60°	879.4	892.0
62.5°	924.1	939.7
65°	966.3	982.2
67.5°	1000.2	1015.2
70°	1032.5	1043.5
72.5°	1059.6	1066.5
75°	1084.5	1088.3
77.5°	1097.9	1098.3
80°	1116.2	1117.8
82.5°	1128.7	1130.1
85°	1134.2	1133.1
87.5°	1141.3	1143.7
90°	1140.2	1141.3
92.5°	1141.3	1143.7
95°	1134.2	1133.1
97.5°	1128.7	1130.1
100°	1116.2	1117.8
102.5°	1097.9	1098.3
105°	1084.5	1088.3
107.5°	1059.6	1066.5
110°	1032.5	1043.5



TEST NUMBER: P231908

CATALOG NUMBER: FVS4WM-2-LD4-30-2LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	1000.2	1015.2
115°	966.3	982.2
117.5°	924.1	939.7
120°	879.4	892.0
122.5°	821.2	832.4
125°	743.0	749.9
127.5°	647.4	650.3
130°	544.0	543.0
132.5°	455.9	453.9
135°	394.8	393.8
137.5°	347.8	349.0
140°	302.5	304.2
142.5°	262.3	264.7
145°	221.3	223.4
147.5°	184.7	186.3
150°	154.6	155.6
152.5°	128.1	128.5
155°	109.7	109.7
157.5°	94.1	93.7
160°	80.9	80.2
162.5°	65.8	64.8
165°	54.6	53.6
167.5°	46.7	46.0
170°	38.8	38.3
172.5°	29.9	29.5
175°	22.0	21.8
177.5°	8.9	8.8
180°	0.0	0.0

(END OF REPORT)