

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: P231959

Luminaire Tested: **FVS4WM-4-LD4-50-1LO-PFS125-UNV-EDC1**

Issue Date: 3/3/2020



Test Information

Test Method: LM-79-08
Report Number: P231959
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1706-121-14)
Test Lab: INNOVATION CENTER(G3)
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: FAIL-SAFE
Catalog Number: FVS4WM-4-LD4-50-1LO-PFS125-UNV-EDC1
Description: FAILSAFE FVS LED FIXTURE
4FT LENGTH, 1-MODULE LED WITH PFS125 LENS
Light Source: (84) 5000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

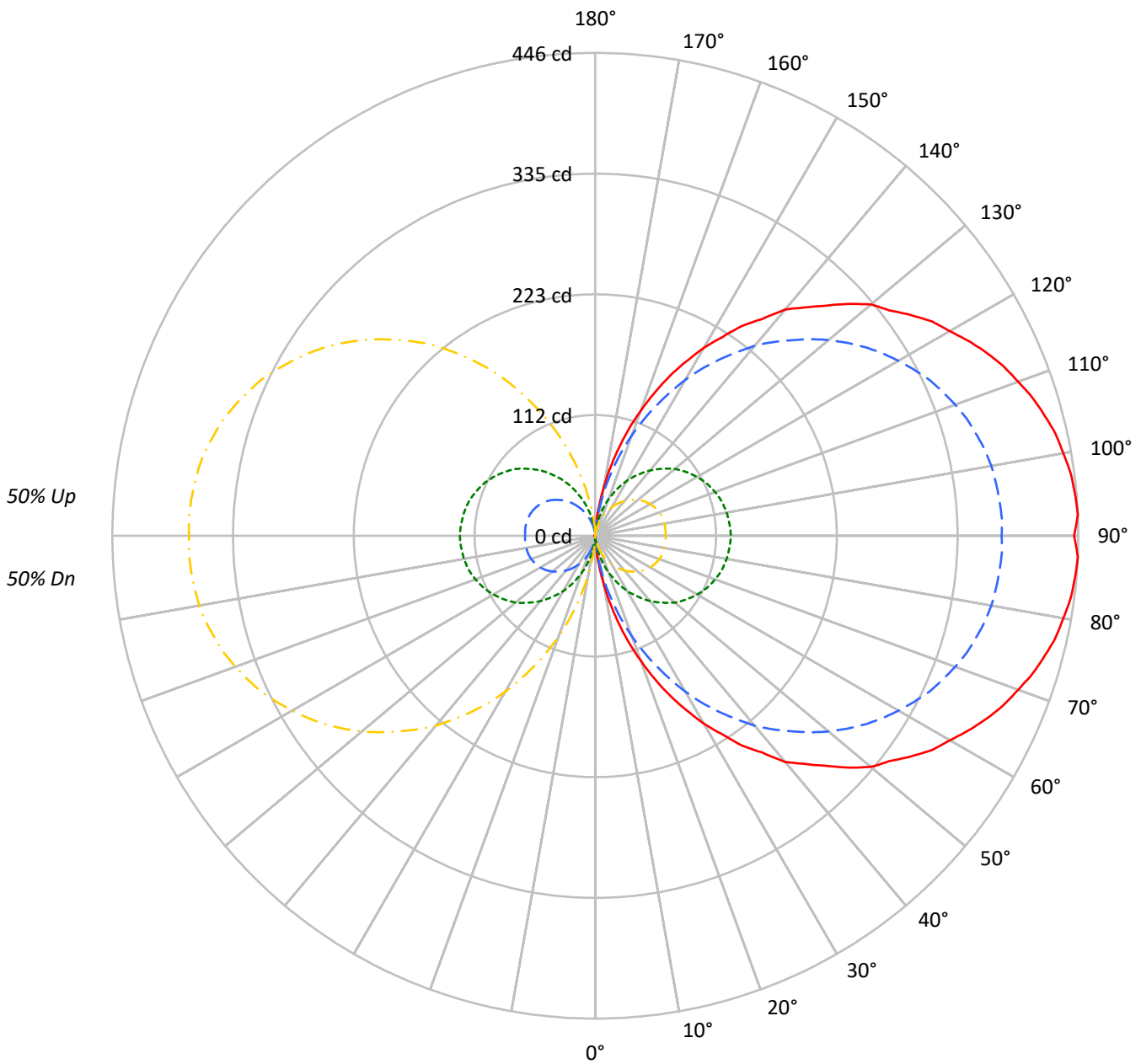
Lumens per Lamp: N/A
Luminaire Lumens: 1933.3 lumens
Efficiency: N/A
Efficacy: 81.9 lumens/watt
Spacing Criteria (0/90/45): 17.04 / 13.99 / 15.29
Luminous Opening: Rectangular w/ Sides (W: 3.79' x L: 0.19' x H: 0.31')
CIE Type: General Diffuse

Input Watts (W): 23.6
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	92	85	79	74	84	78	73	68	64	60	56	52	49	46	40	38	36	30
2	81	71	63	55	74	65	57	51	53	47	42	42	38	34	32	29	26	21
3	73	61	51	44	66	55	47	40	45	38	33	35	30	26	27	23	19	15
4	66	52	43	35	59	48	39	32	39	32	26	31	25	21	23	19	15	11
5	60	46	36	29	54	42	33	26	34	27	22	27	21	17	20	16	12	9
6	55	41	31	24	49	37	28	22	30	23	18	24	18	14	18	13	10	7
7	50	36	27	21	45	33	25	19	27	20	15	21	16	12	16	12	8	6
8	46	32	24	18	42	30	22	16	24	18	13	19	14	10	14	10	7	5
9	43	29	21	15	39	27	19	14	22	16	11	17	12	9	13	9	6	4
10	40	27	19	13	36	24	17	12	20	14	10	16	11	8	12	8	5	3

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	11	11	11	11
5°	202	69	0	69
10°	543	200	0	200
15°	910	376	0	376
20°	1235	569	0	569
25°	1530	766	0	766
30°	1786	983	0	983
35°	2021	1202	0	1202
40°	2247	1457	0	1457
45°	2412	1729	0	1729
50°	2620	2059	0	2059
55°	2775	2423	0	2423
60°	2944	2875	5	2875
65°	3126	3465	5	3465
70°	3298	4252	6	4252
75°	3480	5418	6	5418
80°	3660	7314	0	7314
85°	3853	11128	0	11128



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1.1	0.1
10°-20°	10.8	0.6
20°-30°	33.8	1.7
30°-40°	67.2	3.5
40°-50°	106.2	5.5
50°-60°	145.4	7.5
60°-70°	179.8	9.3
70°-80°	205.0	10.6
80°-90°	217.4	11.2
90°-100°	217.4	11.2
100°-110°	205.0	10.6
110°-120°	179.8	9.3
120°-130°	145.4	7.5
130°-140°	106.2	5.5
140°-150°	67.2	3.5
150°-160°	33.8	1.7
160°-170°	10.8	0.6
170°-180°	1.1	0.1
0°-30°	45.6	2.4
0°-40°	112.9	5.8
0°-60°	364.5	18.9
0°-90°	966.7	50.0
90°-120°	602.2	31.1
90°-150°	921.0	47.6
90°-180°	967.0	50.0
0°-180°	1933.3	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1	1	1	1	1	
5°	15	5	0	5	15	2
15°	84	24	0	24	84	25
25°	163	48	0	48	163	76
35°	237	69	0	69	237	149
45°	300	87	0	87	300	234
55°	355	103	0	103	355	319
65°	399	114	1	114	399	396
75°	430	121	1	121	430	454
85°	445	124	0	124	445	362
90°	442	125	0	125	442	243
95°	445	124	0	124	445	362
105°	430	121	1	121	430	454
115°	399	114	1	114	399	396
125°	355	103	0	103	355	319
135°	300	87	0	87	300	234
145°	237	69	0	69	237	149
155°	163	48	0	48	163	76
165°	84	24	0	24	84	25
175°	15	5	0	5	15	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°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
2.5°	4.6	4.7	4.8	4.9	5.0	5.1	5.2	5.1	5.2	5.2	5.2
5°	15.2	15.4	15.5	15.7	15.9	15.6	15.5	15.4	15.3	15.2	15.0
7.5°	29.8	30.0	30.2	30.4	30.0	29.8	29.6	29.3	28.9	28.4	27.9
10°	45.7	46.0	46.4	46.7	46.1	45.9	45.5	45.0	44.4	43.7	42.8
12.5°	64.9	65.3	65.6	65.2	64.9	64.4	63.8	63.0	62.0	60.9	60.1
15°	84.0	84.5	85.1	84.6	84.3	83.8	83.1	82.1	81.1	80.3	79.4
17.5°	103.9	104.5	105.2	104.6	104.2	103.6	102.7	101.9	101.1	100.1	98.8
20°	123.1	123.7	124.3	123.6	123.1	122.4	121.8	121.2	120.4	119.3	117.9
22.5°	142.9	143.6	144.3	143.4	142.8	142.0	141.8	141.1	140.0	138.5	136.6
25°	162.8	163.6	163.5	163.3	162.6	162.3	161.8	161.1	160.0	158.7	157.2
27.5°	181.3	182.2	182.2	182.0	181.5	181.6	181.2	180.4	178.9	177.5	175.6
30°	200.5	201.3	201.1	200.7	200.5	200.6	200.1	199.3	198.4	197.2	195.1
32.5°	217.1	217.9	217.8	217.5	218.1	218.4	218.2	217.5	216.3	214.7	212.7
35°	236.9	237.1	236.3	235.4	235.9	236.0	235.7	235.4	234.4	232.7	230.7
37.5°	252.1	253.1	253.0	252.9	252.9	252.5	252.7	252.8	252.2	250.4	248.2
40°	272.7	271.6	269.3	268.9	269.3	269.0	269.2	269.1	268.3	266.9	264.6
42.5°	285.9	285.6	284.1	284.5	284.8	285.4	285.7	285.3	284.7	283.2	281.0
45°	300.4	300.4	299.1	300.3	300.7	301.3	301.5	301.6	300.1	298.8	296.4
47.5°	317.0	315.5	313.4	314.4	315.2	316.0	316.1	315.5	314.4	313.6	311.4
50°	332.2	330.2	328.1	328.7	329.4	329.9	330.2	329.9	329.2	327.2	324.8
52.5°	342.1	341.7	341.2	342.0	343.2	344.1	344.4	344.1	343.1	340.9	338.1
55°	355.4	355.4	354.8	355.1	356.3	357.1	357.4	357.2	356.0	353.5	350.6
57.5°	368.6	367.0	366.6	367.2	368.2	369.5	370.1	369.3	368.0	364.9	361.8
60°	377.9	378.4	378.2	378.9	379.7	380.8	381.4	380.5	378.8	375.6	371.9
62.5°	389.1	388.7	387.6	389.5	390.7	391.8	391.9	390.8	389.0	386.4	382.0
65°	399.1	398.6	397.7	399.3	400.5	402.0	401.7	400.6	398.4	395.5	392.0
67.5°	408.3	407.2	406.7	408.1	409.4	410.9	410.2	408.7	406.2	403.6	400.7
70°	415.6	415.4	414.9	415.9	417.8	418.3	417.5	415.8	413.7	411.2	408.9
72.5°	423.5	422.4	421.5	423.0	425.4	424.4	423.7	422.4	420.6	418.8	415.5
75°	429.5	427.9	427.7	429.8	430.2	429.9	428.7	428.2	426.5	424.3	421.3
77.5°	435.4	433.1	433.0	434.8	434.2	433.8	433.8	433.5	432.0	429.7	426.5
80°	438.8	437.0	437.5	437.6	436.5	437.7	438.5	437.9	435.8	433.5	430.1
82.5°	442.7	440.2	440.2	438.5	440.5	441.2	441.3	440.4	438.6	436.1	432.6
85°	444.7	442.9	439.1	441.3	442.5	442.8	443.0	442.0	440.3	438.0	434.4
87.5°	446.0	440.5	440.9	441.6	442.7	442.9	442.7	442.0	440.6	438.1	434.7
90°	442.1	438.1	438.1	440.1	441.4	442.1	442.7	441.4	440.1	438.1	434.8
92.5°	446.0	440.5	440.9	441.6	442.7	442.9	442.7	442.0	440.6	438.1	434.7
95°	444.7	442.9	439.1	441.3	442.5	442.8	443.0	442.0	440.3	438.0	434.4
97.5°	442.7	440.2	440.2	438.5	440.5	441.2	441.3	440.4	438.6	436.1	432.6
100°	438.8	437.0	437.5	437.6	436.5	437.7	438.5	437.9	435.8	433.5	430.1
102.5°	435.4	433.1	433.0	434.8	434.2	433.8	433.8	433.5	432.0	429.7	426.5
105°	429.5	427.9	427.7	429.8	430.2	429.9	428.7	428.2	426.5	424.3	421.3
107.5°	423.5	422.4	421.5	423.0	425.4	424.4	423.7	422.4	420.6	418.8	415.5
110°	415.6	415.4	414.9	415.9	417.8	418.3	417.5	415.8	413.7	411.2	408.9



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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°	408.3	407.2	406.7	408.1	409.4	410.9	410.2	408.7	406.2	403.6	400.7
115°	399.1	398.6	397.7	399.3	400.5	402.0	401.7	400.6	398.4	395.5	392.0
117.5°	389.1	388.7	387.6	389.5	390.7	391.8	391.9	390.8	389.0	386.4	382.0
120°	377.9	378.4	378.2	378.9	379.7	380.8	381.4	380.5	378.8	375.6	371.9
122.5°	368.6	367.0	366.6	367.2	368.2	369.5	370.1	369.3	368.0	364.9	361.8
125°	355.4	355.4	354.8	355.1	356.3	357.1	357.4	357.2	356.0	353.5	350.6
127.5°	342.1	341.7	341.2	342.0	343.2	344.1	344.4	344.1	343.1	340.9	338.1
130°	332.2	330.2	328.1	328.7	329.4	329.9	330.2	329.9	329.2	327.2	324.8
132.5°	317.0	315.5	313.4	314.4	315.2	316.0	316.1	315.5	314.4	313.6	311.4
135°	300.4	300.4	299.1	300.3	300.7	301.3	301.5	301.6	300.1	298.8	296.4
137.5°	285.9	285.6	284.1	284.5	284.8	285.4	285.7	285.3	284.7	283.2	281.0
140°	272.7	271.6	269.3	268.9	269.3	269.0	269.2	269.1	268.3	266.9	264.6
142.5°	252.1	253.1	253.0	252.9	252.9	252.5	252.7	252.8	252.2	250.4	248.2
145°	236.9	237.1	236.3	235.4	235.9	236.0	235.7	235.4	234.4	232.7	230.7
147.5°	217.1	217.9	217.8	217.5	218.1	218.4	218.2	217.5	216.3	214.7	212.7
150°	200.5	201.3	201.1	200.7	200.5	200.6	200.1	199.3	198.4	197.2	195.1
152.5°	181.3	182.2	182.2	182.0	181.5	181.6	181.2	180.4	178.9	177.5	175.6
155°	162.8	163.6	163.5	163.3	162.6	162.3	161.8	161.1	160.0	158.7	157.2
157.5°	142.9	143.6	144.3	143.4	142.8	142.0	141.8	141.1	140.0	138.5	136.6
160°	123.1	123.7	124.3	123.6	123.1	122.4	121.8	121.2	120.4	119.3	117.9
162.5°	103.9	104.5	105.2	104.6	104.2	103.6	102.7	101.9	101.1	100.1	98.8
165°	84.0	84.5	85.1	84.6	84.3	83.8	83.1	82.1	81.1	80.3	79.4
167.5°	64.9	65.3	65.6	65.2	64.9	64.4	63.8	63.0	62.0	60.9	60.1
170°	45.7	46.0	46.4	46.7	46.1	45.9	45.5	45.0	44.4	43.7	42.8
172.5°	29.8	30.0	30.2	30.4	30.0	29.8	29.6	29.3	28.9	28.4	27.9
175°	15.2	15.4	15.5	15.7	15.9	15.6	15.5	15.4	15.3	15.2	15.0
177.5°	4.6	4.7	4.8	4.9	5.0	5.1	5.2	5.1	5.2	5.2	5.2
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°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
2.5°	5.2	5.2	5.2	5.2	5.2	5.1	5.1	5.0	5.0	4.9	4.8
5°	14.7	14.5	14.1	13.8	13.4	13.0	12.6	12.1	11.6	11.1	10.5
7.5°	27.3	26.6	25.8	25.0	24.1	23.2	22.1	21.4	20.5	19.9	19.2
10°	41.8	40.7	40.0	39.1	38.1	37.0	35.8	34.7	33.5	32.2	30.8
12.5°	59.2	58.2	57.0	55.7	54.2	52.8	51.2	49.5	47.6	45.6	43.4
15°	78.2	76.9	75.3	73.7	71.8	69.8	67.6	65.2	62.6	60.2	57.6
17.5°	97.3	95.5	93.6	91.7	89.6	87.4	84.9	82.2	79.1	75.8	72.3
20°	116.3	114.3	112.3	110.0	107.5	104.7	101.8	98.8	95.5	91.9	87.9
22.5°	134.8	132.9	130.7	128.2	125.3	122.2	118.9	115.4	111.7	107.4	103.0
25°	154.9	152.4	149.5	146.3	143.2	139.8	136.2	132.2	127.9	123.4	119.1
27.5°	173.5	171.0	168.4	165.4	161.7	157.7	154.1	149.0	144.2	139.0	133.5
30°	192.4	189.6	187.0	183.4	179.8	175.7	171.2	166.2	160.8	154.9	148.5
32.5°	210.8	208.3	205.0	201.2	197.4	193.0	188.1	182.7	176.9	170.8	163.8
35°	228.2	225.4	222.2	218.3	213.8	209.1	203.9	198.1	192.3	185.6	178.2
37.5°	245.8	243.1	239.8	235.9	230.2	225.2	219.7	213.3	206.7	200.1	192.3
40°	262.4	260.0	256.4	251.5	246.2	240.7	235.5	229.2	221.4	213.6	205.2
42.5°	278.6	275.9	272.3	267.2	262.0	255.3	248.9	242.6	235.7	227.5	218.6
45°	294.0	290.3	286.4	282.4	276.5	269.7	262.7	255.3	248.2	240.3	231.2
47.5°	308.1	304.1	299.7	295.2	289.9	283.3	276.2	268.6	260.6	252.3	243.1
50°	321.6	317.5	313.2	308.4	303.1	296.1	289.0	281.3	272.7	263.9	254.4
52.5°	334.7	330.3	325.7	320.6	314.4	308.3	300.8	292.7	284.4	275.1	265.1
55°	346.7	342.4	337.7	332.6	325.9	319.3	312.2	303.8	294.5	285.0	275.6
57.5°	358.0	353.8	349.1	343.3	336.9	330.3	322.5	313.9	305.0	294.8	284.1
60°	368.6	364.3	359.2	353.3	346.8	339.9	332.0	323.1	313.8	303.5	292.7
62.5°	378.1	374.1	368.8	362.9	356.2	349.3	341.3	332.0	321.8	311.8	300.7
65°	387.9	383.4	377.7	371.7	364.6	357.6	350.1	340.5	330.1	319.3	308.1
67.5°	396.8	392.3	386.1	379.6	372.3	364.9	356.9	347.2	337.4	326.5	314.6
70°	404.7	399.6	393.8	387.1	379.5	371.7	363.2	353.6	343.5	332.7	320.6
72.5°	411.4	406.3	400.4	393.5	385.8	377.5	369.1	359.6	349.0	337.8	325.5
75°	417.1	411.8	406.0	398.9	391.2	382.6	374.0	364.0	353.6	342.2	329.8
77.5°	421.9	416.7	410.3	403.3	395.2	387.2	378.2	368.2	357.4	345.7	333.4
80°	425.7	420.5	413.9	406.7	398.8	390.5	381.4	371.4	360.4	348.6	336.2
82.5°	428.3	423.3	416.8	409.6	401.5	392.9	383.1	373.1	362.5	350.7	338.4
85°	430.4	425.2	418.6	411.3	403.1	394.6	384.6	374.7	363.7	352.3	340.3
87.5°	430.6	425.5	419.6	412.3	403.7	395.7	385.6	375.7	364.8	353.4	341.2
90°	430.2	425.5	418.9	412.3	403.7	395.7	385.2	375.2	365.3	353.4	340.8
92.5°	430.6	425.5	419.6	412.3	403.7	395.7	385.6	375.7	364.8	353.4	341.2
95°	430.4	425.2	418.6	411.3	403.1	394.6	384.6	374.7	363.7	352.3	340.3
97.5°	428.3	423.3	416.8	409.6	401.5	392.9	383.1	373.1	362.5	350.7	338.4
100°	425.7	420.5	413.9	406.7	398.8	390.5	381.4	371.4	360.4	348.6	336.2
102.5°	421.9	416.7	410.3	403.3	395.2	387.2	378.2	368.2	357.4	345.7	333.4
105°	417.1	411.8	406.0	398.9	391.2	382.6	374.0	364.0	353.6	342.2	329.8
107.5°	411.4	406.3	400.4	393.5	385.8	377.5	369.1	359.6	349.0	337.8	325.5
110°	404.7	399.6	393.8	387.1	379.5	371.7	363.2	353.6	343.5	332.7	320.6



TEST NUMBER: P231959

CATALOG NUMBER: FVS4WM-4-LD4-50-1LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
112.5°	396.8	392.3	386.1	379.6	372.3	364.9	356.9	347.2	337.4	326.5	314.6
115°	387.9	383.4	377.7	371.7	364.6	357.6	350.1	340.5	330.1	319.3	308.1
117.5°	378.1	374.1	368.8	362.9	356.2	349.3	341.3	332.0	321.8	311.8	300.7
120°	368.6	364.3	359.2	353.3	346.8	339.9	332.0	323.1	313.8	303.5	292.7
122.5°	358.0	353.8	349.1	343.3	336.9	330.3	322.5	313.9	305.0	294.8	284.1
125°	346.7	342.4	337.7	332.6	325.9	319.3	312.2	303.8	294.5	285.0	275.6
127.5°	334.7	330.3	325.7	320.6	314.4	308.3	300.8	292.7	284.4	275.1	265.1
130°	321.6	317.5	313.2	308.4	303.1	296.1	289.0	281.3	272.7	263.9	254.4
132.5°	308.1	304.1	299.7	295.2	289.9	283.3	276.2	268.6	260.6	252.3	243.1
135°	294.0	290.3	286.4	282.4	276.5	269.7	262.7	255.3	248.2	240.3	231.2
137.5°	278.6	275.9	272.3	267.2	262.0	255.3	248.9	242.6	235.7	227.5	218.6
140°	262.4	260.0	256.4	251.5	246.2	240.7	235.5	229.2	221.4	213.6	205.2
142.5°	245.8	243.1	239.8	235.9	230.2	225.2	219.7	213.3	206.7	200.1	192.3
145°	228.2	225.4	222.2	218.3	213.8	209.1	203.9	198.1	192.3	185.6	178.2
147.5°	210.8	208.3	205.0	201.2	197.4	193.0	188.1	182.7	176.9	170.8	163.8
150°	192.4	189.6	187.0	183.4	179.8	175.7	171.2	166.2	160.8	154.9	148.5
152.5°	173.5	171.0	168.4	165.4	161.7	157.7	154.1	149.0	144.2	139.0	133.5
155°	154.9	152.4	149.5	146.3	143.2	139.8	136.2	132.2	127.9	123.4	119.1
157.5°	134.8	132.9	130.7	128.2	125.3	122.2	118.9	115.4	111.7	107.4	103.0
160°	116.3	114.3	112.3	110.0	107.5	104.7	101.8	98.8	95.5	91.9	87.9
162.5°	97.3	95.5	93.6	91.7	89.6	87.4	84.9	82.2	79.1	75.8	72.3
165°	78.2	76.9	75.3	73.7	71.8	69.8	67.6	65.2	62.6	60.2	57.6
167.5°	59.2	58.2	57.0	55.7	54.2	52.8	51.2	49.5	47.6	45.6	43.4
170°	41.8	40.7	40.0	39.1	38.1	37.0	35.8	34.7	33.5	32.2	30.8
172.5°	27.3	26.6	25.8	25.0	24.1	23.2	22.1	21.4	20.5	19.9	19.2
175°	14.7	14.5	14.1	13.8	13.4	13.0	12.6	12.1	11.6	11.1	10.5
177.5°	5.2	5.2	5.2	5.2	5.2	5.1	5.1	5.0	5.0	4.9	4.8
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231959

CATALOG NUMBER: FVS4WM-4-LD4-50-1LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
2.5°	4.7	4.6	4.5	4.4	4.3	4.1	4.0	3.8	3.7	3.5	3.4
5°	9.9	9.3	8.7	8.4	8.1	7.9	7.5	7.2	6.9	6.5	6.2
7.5°	18.5	17.7	16.9	16.0	15.1	14.1	13.1	12.5	12.1	11.6	11.1
10°	29.3	27.7	26.0	24.8	23.5	22.1	20.7	19.2	17.6	16.8	16.2
12.5°	41.5	39.5	37.4	35.2	33.0	31.0	29.3	27.5	25.6	23.6	22.4
15°	54.9	52.1	49.5	46.6	43.9	41.1	38.2	35.9	33.7	31.4	28.9
17.5°	69.0	65.2	61.8	58.2	54.7	51.5	48.2	44.7	41.8	39.1	36.3
20°	83.6	79.2	74.7	70.7	66.6	62.3	58.3	54.3	50.0	46.8	43.6
22.5°	98.1	93.2	88.2	83.1	78.3	73.4	68.3	63.9	59.5	55.3	51.7
25°	112.9	106.9	100.9	95.6	90.2	84.6	78.9	73.2	68.1	62.7	58.6
27.5°	127.7	121.4	115.0	108.6	102.2	95.5	89.3	83.0	76.9	71.0	65.7
30°	142.1	135.5	128.7	121.6	114.3	107.2	100.0	92.9	86.1	79.5	73.2
32.5°	156.5	149.3	142.0	134.4	126.4	118.4	110.4	102.3	94.3	86.9	80.0
35°	170.5	162.6	154.5	146.3	137.7	128.8	120.0	111.5	102.4	94.1	86.6
37.5°	183.9	175.4	166.5	157.6	149.3	139.3	129.7	120.1	110.9	101.9	93.8
40°	196.5	187.9	178.5	169.0	159.3	149.3	139.2	129.1	119.2	110.1	101.2
42.5°	208.9	199.6	190.1	180.3	170.1	159.2	148.4	137.6	126.9	117.0	107.4
45°	221.5	211.4	201.0	190.5	180.0	168.6	157.2	145.7	134.4	123.6	113.2
47.5°	233.3	222.8	211.7	200.5	189.1	177.7	165.6	153.5	141.5	129.9	118.9
50°	244.2	233.6	222.5	209.9	198.0	186.1	173.5	160.7	148.1	135.8	124.6
52.5°	254.4	243.4	231.9	219.7	207.1	194.2	181.0	167.8	154.7	141.6	129.7
55°	264.1	252.6	240.7	228.4	215.0	201.4	187.9	174.6	161.5	147.5	134.7
57.5°	272.9	260.9	249.2	236.2	222.6	208.5	194.5	180.7	167.0	152.5	139.3
60°	281.6	268.9	256.4	243.4	229.7	215.4	200.8	186.5	171.8	157.1	143.6
62.5°	288.8	276.5	263.8	250.2	236.4	221.8	206.5	191.6	176.6	161.4	147.2
65°	295.9	283.2	270.4	256.4	241.9	227.3	211.5	196.1	181.0	165.7	150.7
67.5°	302.6	289.8	276.2	262.3	247.2	232.4	216.2	200.5	185.2	169.6	154.5
70°	308.3	294.9	281.0	266.3	252.2	237.0	220.6	204.5	189.0	173.2	157.8
72.5°	312.8	299.6	285.9	271.4	256.7	240.9	224.2	207.9	191.8	175.7	160.3
75°	317.1	303.8	289.8	275.4	260.3	244.1	227.5	210.9	194.1	177.8	162.5
77.5°	321.0	307.4	293.2	278.5	263.2	246.6	230.2	213.3	196.4	179.6	163.9
80°	323.6	309.7	295.7	280.7	265.1	248.4	232.4	215.1	198.7	181.2	165.1
82.5°	325.6	311.4	297.7	282.5	266.9	250.2	233.6	216.3	199.9	182.5	166.4
85°	326.7	312.8	299.4	283.8	268.5	252.6	234.9	217.7	201.2	184.0	166.8
87.5°	327.6	313.9	300.4	284.6	268.7	252.8	235.2	217.4	201.2	184.3	166.8
90°	327.6	314.3	300.4	284.6	268.0	252.8	235.6	217.1	201.2	184.6	166.8
92.5°	327.6	313.9	300.4	284.6	268.7	252.8	235.2	217.4	201.2	184.3	166.8
95°	326.7	312.8	299.4	283.8	268.5	252.6	234.9	217.7	201.2	184.0	166.8
97.5°	325.6	311.4	297.7	282.5	266.9	250.2	233.6	216.3	199.9	182.5	166.4
100°	323.6	309.7	295.7	280.7	265.1	248.4	232.4	215.1	198.7	181.2	165.1
102.5°	321.0	307.4	293.2	278.5	263.2	246.6	230.2	213.3	196.4	179.6	163.9
105°	317.1	303.8	289.8	275.4	260.3	244.1	227.5	210.9	194.1	177.8	162.5
107.5°	312.8	299.6	285.9	271.4	256.7	240.9	224.2	207.9	191.8	175.7	160.3
110°	308.3	294.9	281.0	266.3	252.2	237.0	220.6	204.5	189.0	173.2	157.8



TEST NUMBER: P231959

CATALOG NUMBER: FVS4WM-4-LD4-50-1LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	302.6	289.8	276.2	262.3	247.2	232.4	216.2	200.5	185.2	169.6	154.5
115°	295.9	283.2	270.4	256.4	241.9	227.3	211.5	196.1	181.0	165.7	150.7
117.5°	288.8	276.5	263.8	250.2	236.4	221.8	206.5	191.6	176.6	161.4	147.2
120°	281.6	268.9	256.4	243.4	229.7	215.4	200.8	186.5	171.8	157.1	143.6
122.5°	272.9	260.9	249.2	236.2	222.6	208.5	194.5	180.7	167.0	152.5	139.3
125°	264.1	252.6	240.7	228.4	215.0	201.4	187.9	174.6	161.5	147.5	134.7
127.5°	254.4	243.4	231.9	219.7	207.1	194.2	181.0	167.8	154.7	141.6	129.7
130°	244.2	233.6	222.5	209.9	198.0	186.1	173.5	160.7	148.1	135.8	124.6
132.5°	233.3	222.8	211.7	200.5	189.1	177.7	165.6	153.5	141.5	129.9	118.9
135°	221.5	211.4	201.0	190.5	180.0	168.6	157.2	145.7	134.4	123.6	113.2
137.5°	208.9	199.6	190.1	180.3	170.1	159.2	148.4	137.6	126.9	117.0	107.4
140°	196.5	187.9	178.5	169.0	159.3	149.3	139.2	129.1	119.2	110.1	101.2
142.5°	183.9	175.4	166.5	157.6	149.3	139.3	129.7	120.1	110.9	101.9	93.8
145°	170.5	162.6	154.5	146.3	137.7	128.8	120.0	111.5	102.4	94.1	86.6
147.5°	156.5	149.3	142.0	134.4	126.4	118.4	110.4	102.3	94.3	86.9	80.0
150°	142.1	135.5	128.7	121.6	114.3	107.2	100.0	92.9	86.1	79.5	73.2
152.5°	127.7	121.4	115.0	108.6	102.2	95.5	89.3	83.0	76.9	71.0	65.7
155°	112.9	106.9	100.9	95.6	90.2	84.6	78.9	73.2	68.1	62.7	58.6
157.5°	98.1	93.2	88.2	83.1	78.3	73.4	68.3	63.9	59.5	55.3	51.7
160°	83.6	79.2	74.7	70.7	66.6	62.3	58.3	54.3	50.0	46.8	43.6
162.5°	69.0	65.2	61.8	58.2	54.7	51.5	48.2	44.7	41.8	39.1	36.3
165°	54.9	52.1	49.5	46.6	43.9	41.1	38.2	35.9	33.7	31.4	28.9
167.5°	41.5	39.5	37.4	35.2	33.0	31.0	29.3	27.5	25.6	23.6	22.4
170°	29.3	27.7	26.0	24.8	23.5	22.1	20.7	19.2	17.6	16.8	16.2
172.5°	18.5	17.7	16.9	16.0	15.1	14.1	13.1	12.5	12.1	11.6	11.1
175°	9.9	9.3	8.7	8.4	8.1	7.9	7.5	7.2	6.9	6.5	6.2
177.5°	4.7	4.6	4.5	4.4	4.3	4.1	4.0	3.8	3.7	3.5	3.4
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231959

CATALOG NUMBER: FVS4WM-4-LD4-50-1LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
2.5°	3.2	3.0	2.8	2.7	2.6	2.6	2.5	2.5	2.5	2.4	2.4
5°	5.8	5.4	5.0	4.6	4.5	4.5	4.4	4.3	4.2	4.2	4.1
7.5°	10.6	10.1	9.5	8.9	8.8	8.7	8.6	8.4	8.2	8.0	7.8
10°	15.5	14.8	14.0	13.2	13.1	12.9	12.7	12.5	12.3	12.0	11.7
12.5°	21.6	20.8	19.8	18.9	18.6	18.3	18.0	17.6	17.2	16.8	16.4
15°	27.8	26.8	25.7	24.5	24.1	23.7	23.2	22.7	22.3	21.8	21.2
17.5°	34.0	32.9	31.7	30.5	29.9	29.3	28.6	28.1	27.6	27.0	26.3
20°	40.3	39.0	37.7	36.4	35.7	34.9	34.0	33.6	33.0	32.4	31.4
22.5°	48.1	45.6	43.7	41.7	41.2	40.5	39.8	39.0	38.1	37.3	36.5
25°	54.9	51.9	49.8	47.6	47.0	46.3	45.5	44.6	43.6	42.6	41.6
27.5°	61.6	57.6	55.5	53.3	52.4	51.5	50.7	49.8	48.8	47.8	46.6
30°	68.3	63.3	61.1	58.9	57.8	56.7	55.8	54.8	54.0	53.0	51.5
32.5°	74.4	69.3	66.5	63.9	62.9	61.9	60.9	59.9	59.0	57.7	56.0
35°	80.3	75.2	71.8	68.8	68.0	67.1	66.1	65.0	63.8	62.2	60.4
37.5°	86.4	80.7	76.8	73.8	72.7	71.7	70.6	69.5	68.3	66.5	64.8
40°	92.7	86.2	81.7	78.8	77.5	76.2	75.1	73.9	72.5	70.6	69.0
42.5°	97.9	91.3	86.4	83.1	81.7	80.4	79.3	78.0	76.5	74.7	73.2
45°	103.2	96.3	91.0	87.4	85.9	84.6	83.4	82.2	80.5	78.7	77.2
47.5°	108.8	101.0	95.3	91.7	89.9	88.5	87.3	86.1	84.3	82.5	80.8
50°	114.2	105.7	99.5	96.0	93.9	92.4	91.2	89.9	88.0	86.1	84.0
52.5°	118.6	109.5	103.2	99.3	97.4	96.0	94.7	93.2	91.5	89.3	87.2
55°	122.8	113.3	106.9	102.6	100.9	99.6	98.1	96.4	94.8	92.3	90.2
57.5°	127.0	116.9	110.0	105.6	103.8	102.5	101.1	99.4	97.5	95.1	93.1
60°	131.1	120.5	113.1	108.5	106.7	105.4	104.2	102.2	100.0	97.9	95.9
62.5°	134.6	123.8	115.8	111.2	109.4	108.0	106.6	104.6	102.5	100.4	98.1
65°	137.9	127.0	118.6	113.8	112.0	110.7	108.9	106.9	104.9	102.7	100.1
67.5°	140.9	128.9	120.7	115.8	113.9	112.6	110.8	108.9	106.9	104.6	101.9
70°	143.1	131.2	122.8	117.8	115.9	114.6	112.7	110.8	108.4	106.2	103.5
72.5°	145.3	133.1	124.5	119.5	117.2	115.9	114.3	112.1	109.8	107.5	104.7
75°	147.5	135.0	126.4	121.1	118.6	117.2	115.9	113.4	111.3	108.8	106.1
77.5°	148.6	136.5	127.4	122.1	119.8	118.2	116.9	114.3	112.3	109.7	106.9
80°	149.6	138.3	128.4	123.1	121.1	119.1	117.8	115.2	113.3	110.6	107.4
82.5°	151.2	138.6	128.7	123.8	121.5	119.8	118.2	115.8	113.6	111.0	107.9
85°	152.2	139.0	129.0	124.4	121.8	120.4	118.5	116.5	113.8	111.2	108.5
87.5°	152.2	139.3	129.3	124.8	122.1	120.8	118.8	116.5	114.2	111.5	108.5
90°	152.2	139.6	129.7	125.1	122.4	121.1	119.1	116.5	114.5	111.8	108.5
92.5°	152.2	139.3	129.3	124.8	122.1	120.8	118.8	116.5	114.2	111.5	108.5
95°	152.2	139.0	129.0	124.4	121.8	120.4	118.5	116.5	113.8	111.2	108.5
97.5°	151.2	138.6	128.7	123.8	121.5	119.8	118.2	115.8	113.6	111.0	107.9
100°	149.6	138.3	128.4	123.1	121.1	119.1	117.8	115.2	113.3	110.6	107.4
102.5°	148.6	136.5	127.4	122.1	119.8	118.2	116.9	114.3	112.3	109.7	106.9
105°	147.5	135.0	126.4	121.1	118.6	117.2	115.9	113.4	111.3	108.8	106.1
107.5°	145.3	133.1	124.5	119.5	117.2	115.9	114.3	112.1	109.8	107.5	104.7
110°	143.1	131.2	122.8	117.8	115.9	114.6	112.7	110.8	108.4	106.2	103.5



TEST NUMBER: P231959

CATALOG NUMBER: FVS4WM-4-LD4-50-1LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
112.5°	140.9	128.9	120.7	115.8	113.9	112.6	110.8	108.9	106.9	104.6	101.9
115°	137.9	127.0	118.6	113.8	112.0	110.7	108.9	106.9	104.9	102.7	100.1
117.5°	134.6	123.8	115.8	111.2	109.4	108.0	106.6	104.6	102.5	100.4	98.1
120°	131.1	120.5	113.1	108.5	106.7	105.4	104.2	102.2	100.0	97.9	95.9
122.5°	127.0	116.9	110.0	105.6	103.8	102.5	101.1	99.4	97.5	95.1	93.1
125°	122.8	113.3	106.9	102.6	100.9	99.6	98.1	96.4	94.8	92.3	90.2
127.5°	118.6	109.5	103.2	99.3	97.4	96.0	94.7	93.2	91.5	89.3	87.2
130°	114.2	105.7	99.5	96.0	93.9	92.4	91.2	89.9	88.0	86.1	84.0
132.5°	108.8	101.0	95.3	91.7	89.9	88.5	87.3	86.1	84.3	82.5	80.8
135°	103.2	96.3	91.0	87.4	85.9	84.6	83.4	82.2	80.5	78.7	77.2
137.5°	97.9	91.3	86.4	83.1	81.7	80.4	79.3	78.0	76.5	74.7	73.2
140°	92.7	86.2	81.7	78.8	77.5	76.2	75.1	73.9	72.5	70.6	69.0
142.5°	86.4	80.7	76.8	73.8	72.7	71.7	70.6	69.5	68.3	66.5	64.8
145°	80.3	75.2	71.8	68.8	68.0	67.1	66.1	65.0	63.8	62.2	60.4
147.5°	74.4	69.3	66.5	63.9	62.9	61.9	60.9	59.9	59.0	57.7	56.0
150°	68.3	63.3	61.1	58.9	57.8	56.7	55.8	54.8	54.0	53.0	51.5
152.5°	61.6	57.6	55.5	53.3	52.4	51.5	50.7	49.8	48.8	47.8	46.6
155°	54.9	51.9	49.8	47.6	47.0	46.3	45.5	44.6	43.6	42.6	41.6
157.5°	48.1	45.6	43.7	41.7	41.2	40.5	39.8	39.0	38.1	37.3	36.5
160°	40.3	39.0	37.7	36.4	35.7	34.9	34.0	33.6	33.0	32.4	31.4
162.5°	34.0	32.9	31.7	30.5	29.9	29.3	28.6	28.1	27.6	27.0	26.3
165°	27.8	26.8	25.7	24.5	24.1	23.7	23.2	22.7	22.3	21.8	21.2
167.5°	21.6	20.8	19.8	18.9	18.6	18.3	18.0	17.6	17.2	16.8	16.4
170°	15.5	14.8	14.0	13.2	13.1	12.9	12.7	12.5	12.3	12.0	11.7
172.5°	10.6	10.1	9.5	8.9	8.8	8.7	8.6	8.4	8.2	8.0	7.8
175°	5.8	5.4	5.0	4.6	4.5	4.5	4.4	4.3	4.2	4.2	4.1
177.5°	3.2	3.0	2.8	2.7	2.6	2.6	2.5	2.5	2.5	2.4	2.4
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231959

CATALOG NUMBER: FVS4WM-4-LD4-50-1LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
2.5°	2.3	2.3	2.2	2.1	2.1	2.0	1.9	1.8	1.8	1.7	1.6
5°	4.0	3.8	3.7	3.6	3.5	3.3	3.2	3.1	2.9	2.8	2.6
7.5°	7.5	7.2	6.9	6.6	6.2	5.9	5.5	5.1	4.7	4.2	3.8
10°	11.3	10.9	10.5	10.1	9.6	9.2	8.7	8.2	7.7	7.2	6.7
12.5°	15.9	15.3	14.7	14.1	13.4	12.7	12.0	11.3	10.6	9.9	9.2
15°	20.7	19.9	19.1	18.2	17.4	16.6	15.7	14.8	13.9	12.9	11.9
17.5°	25.4	24.5	23.4	22.5	21.5	20.5	19.5	18.5	17.4	16.3	15.1
20°	30.3	29.2	28.1	27.0	25.9	24.7	23.6	22.3	21.0	19.4	18.0
22.5°	35.4	34.2	32.8	31.5	30.2	29.0	27.7	26.1	24.4	22.7	21.1
25°	40.4	39.2	37.8	36.3	34.8	33.2	31.5	29.8	28.0	26.2	24.4
27.5°	45.2	43.7	42.2	40.7	39.0	37.3	35.5	33.6	31.6	29.5	27.4
30°	49.8	48.3	46.7	44.9	43.1	41.2	39.0	36.9	34.8	32.5	30.2
32.5°	54.4	52.9	51.1	49.0	47.1	45.0	42.8	40.6	38.3	36.0	33.6
35°	58.9	57.2	55.2	53.1	51.1	49.0	46.6	44.1	41.6	39.1	36.4
37.5°	63.2	61.4	59.3	57.1	54.8	52.4	50.0	47.4	44.7	42.0	39.2
40°	67.4	65.3	63.1	60.7	58.3	55.9	53.4	50.6	47.6	44.8	41.9
42.5°	71.3	69.2	66.6	64.1	61.7	59.2	56.5	53.5	50.4	47.6	44.5
45°	74.9	72.5	70.1	67.5	65.0	62.5	59.6	56.4	53.3	50.1	46.7
47.5°	78.3	76.0	73.6	70.7	68.0	65.1	62.2	59.1	55.9	52.5	49.2
50°	81.7	79.2	76.5	73.7	70.8	67.8	64.7	61.5	58.3	54.8	51.4
52.5°	84.9	82.3	79.5	76.6	73.6	70.5	67.2	63.9	60.6	56.8	53.4
55°	87.7	85.0	82.2	79.1	76.2	73.0	69.4	65.9	62.5	58.9	55.4
57.5°	90.5	87.7	84.7	81.5	78.6	75.1	71.5	68.0	64.7	60.9	57.0
60°	93.0	90.0	86.9	83.8	80.6	77.1	73.6	69.9	66.2	62.4	58.5
62.5°	95.3	92.1	89.3	86.0	82.6	79.0	75.4	71.5	67.9	63.7	59.8
65°	97.4	94.3	90.9	87.8	84.4	80.8	77.0	73.1	69.2	65.0	61.0
67.5°	99.2	96.0	92.5	89.6	86.2	82.2	78.4	74.5	70.5	66.2	62.0
70°	100.5	97.5	94.4	91.0	87.1	83.5	79.8	75.8	71.7	67.4	62.9
72.5°	101.8	98.7	95.4	92.0	88.4	84.6	80.8	76.6	72.4	68.2	63.6
75°	103.0	99.7	96.4	92.8	89.1	85.4	81.7	77.5	73.0	68.7	64.2
77.5°	103.9	100.6	97.3	93.5	89.9	86.1	82.2	78.1	73.7	69.1	64.5
80°	104.7	101.5	98.1	94.2	90.4	86.4	82.7	78.6	74.0	69.4	64.7
82.5°	105.0	101.8	98.5	94.6	90.6	86.7	83.2	78.9	74.3	69.6	65.0
85°	105.3	102.0	98.7	94.7	90.8	86.8	82.9	78.9	74.3	69.6	65.0
87.5°	105.6	102.3	98.6	94.9	91.0	87.0	83.0	78.9	74.2	69.6	65.0
90°	105.9	102.6	98.6	95.3	91.3	87.4	83.4	78.8	74.1	69.5	64.9
92.5°	105.6	102.3	98.6	94.9	91.0	87.0	83.0	78.9	74.2	69.6	65.0
95°	105.3	102.0	98.7	94.7	90.8	86.8	82.9	78.9	74.3	69.6	65.0
97.5°	105.0	101.8	98.5	94.6	90.6	86.7	83.2	78.9	74.3	69.6	65.0
100°	104.7	101.5	98.1	94.2	90.4	86.4	82.7	78.6	74.0	69.4	64.7
102.5°	103.9	100.6	97.3	93.5	89.9	86.1	82.2	78.1	73.7	69.1	64.5
105°	103.0	99.7	96.4	92.8	89.1	85.4	81.7	77.5	73.0	68.7	64.2
107.5°	101.8	98.7	95.4	92.0	88.4	84.6	80.8	76.6	72.4	68.2	63.6
110°	100.5	97.5	94.4	91.0	87.1	83.5	79.8	75.8	71.7	67.4	62.9



TEST NUMBER: P231959

CATALOG NUMBER: FVS4WM-4-LD4-50-1LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	99.2	96.0	92.5	89.6	86.2	82.2	78.4	74.5	70.5	66.2	62.0
115°	97.4	94.3	90.9	87.8	84.4	80.8	77.0	73.1	69.2	65.0	61.0
117.5°	95.3	92.1	89.3	86.0	82.6	79.0	75.4	71.5	67.9	63.7	59.8
120°	93.0	90.0	86.9	83.8	80.6	77.1	73.6	69.9	66.2	62.4	58.5
122.5°	90.5	87.7	84.7	81.5	78.6	75.1	71.5	68.0	64.7	60.9	57.0
125°	87.7	85.0	82.2	79.1	76.2	73.0	69.4	65.9	62.5	58.9	55.4
127.5°	84.9	82.3	79.5	76.6	73.6	70.5	67.2	63.9	60.6	56.8	53.4
130°	81.7	79.2	76.5	73.7	70.8	67.8	64.7	61.5	58.3	54.8	51.4
132.5°	78.3	76.0	73.6	70.7	68.0	65.1	62.2	59.1	55.9	52.5	49.2
135°	74.9	72.5	70.1	67.5	65.0	62.5	59.6	56.4	53.3	50.1	46.7
137.5°	71.3	69.2	66.6	64.1	61.7	59.2	56.5	53.5	50.4	47.6	44.5
140°	67.4	65.3	63.1	60.7	58.3	55.9	53.4	50.6	47.6	44.8	41.9
142.5°	63.2	61.4	59.3	57.1	54.8	52.4	50.0	47.4	44.7	42.0	39.2
145°	58.9	57.2	55.2	53.1	51.1	49.0	46.6	44.1	41.6	39.1	36.4
147.5°	54.4	52.9	51.1	49.0	47.1	45.0	42.8	40.6	38.3	36.0	33.6
150°	49.8	48.3	46.7	44.9	43.1	41.2	39.0	36.9	34.8	32.5	30.2
152.5°	45.2	43.7	42.2	40.7	39.0	37.3	35.5	33.6	31.6	29.5	27.4
155°	40.4	39.2	37.8	36.3	34.8	33.2	31.5	29.8	28.0	26.2	24.4
157.5°	35.4	34.2	32.8	31.5	30.2	29.0	27.7	26.1	24.4	22.7	21.1
160°	30.3	29.2	28.1	27.0	25.9	24.7	23.6	22.3	21.0	19.4	18.0
162.5°	25.4	24.5	23.4	22.5	21.5	20.5	19.5	18.5	17.4	16.3	15.1
165°	20.7	19.9	19.1	18.2	17.4	16.6	15.7	14.8	13.9	12.9	11.9
167.5°	15.9	15.3	14.7	14.1	13.4	12.7	12.0	11.3	10.6	9.9	9.2
170°	11.3	10.9	10.5	10.1	9.6	9.2	8.7	8.2	7.7	7.2	6.7
172.5°	7.5	7.2	6.9	6.6	6.2	5.9	5.5	5.1	4.7	4.2	3.8
175°	4.0	3.8	3.7	3.6	3.5	3.3	3.2	3.1	2.9	2.8	2.6
177.5°	2.3	2.3	2.2	2.1	2.1	2.0	1.9	1.8	1.8	1.7	1.6
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231959

CATALOG NUMBER: FVS4WM-4-LD4-50-1LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
2.5°	1.5	1.4	1.4	1.3	1.2	1.1	1.0	0.9	0.8	0.7	0.6
5°	2.5	2.3	2.2	2.0	1.9	1.7	1.6	1.5	1.3	1.2	1.0
7.5°	3.3	3.2	3.0	2.9	2.7	2.5	2.3	2.1	1.9	1.7	1.5
10°	6.2	5.6	5.0	4.4	3.7	3.0	2.7	2.4	2.2	1.9	1.7
12.5°	8.5	7.7	6.9	6.2	5.4	4.7	3.9	3.1	2.5	2.3	2.0
15°	10.8	9.9	9.0	8.1	7.2	6.3	5.4	4.5	3.5	2.6	2.0
17.5°	13.8	12.5	11.2	10.0	8.8	7.8	6.7	5.7	4.6	3.6	2.6
20°	16.5	15.1	13.7	12.3	10.8	9.3	8.0	6.8	5.7	4.6	3.5
22.5°	19.5	17.8	16.2	14.5	12.8	11.1	9.4	7.7	6.6	5.3	4.1
25°	22.5	20.5	18.4	16.4	14.7	12.9	11.1	9.3	7.4	6.0	4.7
27.5°	25.3	23.2	21.1	19.0	16.8	14.7	12.6	10.6	8.6	6.4	5.2
30°	28.0	25.8	23.5	21.1	18.7	16.4	14.1	12.0	9.9	7.7	5.6
32.5°	31.0	28.4	25.9	23.2	20.9	18.4	15.8	13.0	10.8	8.6	6.3
35°	33.7	31.1	28.4	25.7	22.9	20.1	17.4	14.7	12.0	9.6	7.1
37.5°	36.5	33.7	30.7	27.9	24.9	21.9	19.0	16.1	13.2	10.3	7.7
40°	39.0	35.9	32.8	29.6	26.5	23.5	20.5	17.3	14.1	11.0	8.2
42.5°	41.3	38.3	35.0	31.7	28.6	25.0	21.3	17.9	14.7	11.8	9.0
45°	43.6	40.4	37.1	33.7	29.9	26.1	22.4	18.7	15.4	12.4	9.4
47.5°	45.9	42.3	38.8	35.1	31.3	27.4	23.4	19.5	16.3	12.8	9.6
50°	47.9	44.2	40.4	36.3	32.2	28.1	23.9	20.2	16.7	13.4	9.9
52.5°	49.7	45.7	41.9	37.5	33.1	28.8	24.7	20.8	17.1	13.6	10.3
55°	51.4	47.4	43.4	38.7	34.1	29.5	25.2	21.3	17.7	14.0	10.6
57.5°	53.0	48.9	44.7	39.8	35.3	30.4	25.9	22.0	18.2	14.3	10.7
60°	54.2	50.2	45.7	40.5	35.8	31.0	26.3	22.4	18.4	14.3	10.8
62.5°	55.6	51.4	46.8	41.6	36.5	31.6	26.8	22.4	18.3	14.5	11.1
65°	56.8	52.4	47.7	42.5	37.1	32.2	27.2	22.6	18.7	14.6	10.9
67.5°	57.7	53.4	48.7	43.6	38.0	32.9	27.6	23.0	18.9	14.6	10.9
70°	58.5	54.0	49.3	44.4	38.7	32.8	27.7	22.9	18.9	14.4	10.8
72.5°	59.4	54.6	50.1	45.2	39.8	33.6	28.3	23.2	18.6	14.3	10.4
75°	59.9	55.1	50.6	45.4	40.3	34.2	28.4	23.3	18.6	14.1	10.0
77.5°	60.1	55.5	50.7	45.6	40.8	35.2	29.4	23.6	18.2	13.8	9.7
80°	60.1	55.4	50.7	45.6	40.7	35.7	29.9	23.6	18.4	13.6	9.3
82.5°	60.3	55.3	50.5	45.6	40.6	35.6	30.1	24.5	18.8	13.4	8.8
85°	60.4	55.1	50.2	45.6	40.4	35.2	29.9	25.0	19.6	14.0	8.7
87.5°	60.3	55.2	49.9	45.1	39.9	35.3	29.3	24.7	19.5	14.6	9.2
90°	60.2	55.6	50.3	45.0	40.4	35.1	29.8	24.5	19.2	13.9	9.3
92.5°	60.3	55.2	49.9	45.1	39.9	35.3	29.3	24.7	19.5	14.6	9.2
95°	60.4	55.1	50.2	45.6	40.4	35.2	29.9	25.0	19.6	14.0	8.7
97.5°	60.3	55.3	50.5	45.6	40.6	35.6	30.1	24.5	18.8	13.4	8.8
100°	60.1	55.4	50.7	45.6	40.7	35.7	29.9	23.6	18.4	13.6	9.3
102.5°	60.1	55.5	50.7	45.6	40.8	35.2	29.4	23.6	18.2	13.8	9.7
105°	59.9	55.1	50.6	45.4	40.3	34.2	28.4	23.3	18.6	14.1	10.0
107.5°	59.4	54.6	50.1	45.2	39.8	33.6	28.3	23.2	18.6	14.3	10.4
110°	58.5	54.0	49.3	44.4	38.7	32.8	27.7	22.9	18.9	14.4	10.8



TEST NUMBER: P231959

CATALOG NUMBER: FVS4WM-4-LD4-50-1LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
112.5°	57.7	53.4	48.7	43.6	38.0	32.9	27.6	23.0	18.9	14.6	10.9
115°	56.8	52.4	47.7	42.5	37.1	32.2	27.2	22.6	18.7	14.6	10.9
117.5°	55.6	51.4	46.8	41.6	36.5	31.6	26.8	22.4	18.3	14.5	11.1
120°	54.2	50.2	45.7	40.5	35.8	31.0	26.3	22.4	18.4	14.3	10.8
122.5°	53.0	48.9	44.7	39.8	35.3	30.4	25.9	22.0	18.2	14.3	10.7
125°	51.4	47.4	43.4	38.7	34.1	29.5	25.2	21.3	17.7	14.0	10.6
127.5°	49.7	45.7	41.9	37.5	33.1	28.8	24.7	20.8	17.1	13.6	10.3
130°	47.9	44.2	40.4	36.3	32.2	28.1	23.9	20.2	16.7	13.4	9.9
132.5°	45.9	42.3	38.8	35.1	31.3	27.4	23.4	19.5	16.3	12.8	9.6
135°	43.6	40.4	37.1	33.7	29.9	26.1	22.4	18.7	15.4	12.4	9.4
137.5°	41.3	38.3	35.0	31.7	28.6	25.0	21.3	17.9	14.7	11.8	9.0
140°	39.0	35.9	32.8	29.6	26.5	23.5	20.5	17.3	14.1	11.0	8.2
142.5°	36.5	33.7	30.7	27.9	24.9	21.9	19.0	16.1	13.2	10.3	7.7
145°	33.7	31.1	28.4	25.7	22.9	20.1	17.4	14.7	12.0	9.6	7.1
147.5°	31.0	28.4	25.9	23.2	20.9	18.4	15.8	13.0	10.8	8.6	6.3
150°	28.0	25.8	23.5	21.1	18.7	16.4	14.1	12.0	9.9	7.7	5.6
152.5°	25.3	23.2	21.1	19.0	16.8	14.7	12.6	10.6	8.6	6.4	5.2
155°	22.5	20.5	18.4	16.4	14.7	12.9	11.1	9.3	7.4	6.0	4.7
157.5°	19.5	17.8	16.2	14.5	12.8	11.1	9.4	7.7	6.6	5.3	4.1
160°	16.5	15.1	13.7	12.3	10.8	9.3	8.0	6.8	5.7	4.6	3.5
162.5°	13.8	12.5	11.2	10.0	8.8	7.8	6.7	5.7	4.6	3.6	2.6
165°	10.8	9.9	9.0	8.1	7.2	6.3	5.4	4.5	3.5	2.6	2.0
167.5°	8.5	7.7	6.9	6.2	5.4	4.7	3.9	3.1	2.5	2.3	2.0
170°	6.2	5.6	5.0	4.4	3.7	3.0	2.7	2.4	2.2	1.9	1.7
172.5°	3.3	3.2	3.0	2.9	2.7	2.5	2.3	2.1	1.9	1.7	1.5
175°	2.5	2.3	2.2	2.0	1.9	1.7	1.6	1.5	1.3	1.2	1.0
177.5°	1.5	1.4	1.4	1.3	1.2	1.1	1.0	0.9	0.8	0.7	0.6
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231959

CATALOG NUMBER: FVS4WM-4-LD4-50-1LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
2.5°	0.5	0.4	0.4	0.3	0.2	0.1	0.0	0.1	0.2	0.3	0.4
5°	0.9	0.7	0.6	0.4	0.3	0.1	0.0	0.1	0.3	0.4	0.6
7.5°	1.3	1.1	0.9	0.6	0.4	0.2	0.0	0.2	0.4	0.6	0.9
10°	1.4	1.2	0.9	0.7	0.5	0.2	0.0	0.2	0.5	0.7	0.9
12.5°	1.7	1.4	1.1	0.9	0.6	0.3	0.0	0.3	0.6	0.9	1.1
15°	1.7	1.4	1.1	0.8	0.5	0.3	0.0	0.3	0.5	0.8	1.1
17.5°	1.9	1.6	1.3	0.9	0.6	0.3	0.0	0.3	0.6	0.9	1.3
20°	2.5	1.8	1.4	1.1	0.7	0.4	0.0	0.4	0.7	1.1	1.4
22.5°	2.9	1.6	1.2	0.8	0.5	0.3	0.0	0.3	0.5	0.8	1.2
25°	3.4	2.1	1.2	0.9	0.6	0.3	0.0	0.3	0.6	0.9	1.2
27.5°	3.8	2.4	1.0	0.6	0.4	0.2	0.0	0.2	0.4	0.6	1.0
30°	4.1	2.7	1.4	0.6	0.4	0.2	0.0	0.2	0.4	0.6	1.4
32.5°	4.4	3.1	1.8	0.7	0.4	0.2	0.0	0.2	0.4	0.7	1.8
35°	4.7	3.3	2.0	0.9	0.5	0.2	0.0	0.2	0.5	0.9	2.0
37.5°	5.3	3.2	1.9	0.6	0.0	0.0	0.0	0.0	0.0	0.6	1.9
40°	5.8	3.3	1.8	0.7	0.0	0.0	0.0	0.0	0.0	0.7	1.8
42.5°	6.3	3.7	1.8	0.8	0.0	0.0	0.0	0.0	0.0	0.8	1.8
45°	6.5	4.1	1.9	1.0	0.0	0.0	0.0	0.0	0.0	1.0	1.9
47.5°	6.6	4.1	2.1	0.9	0.1	0.0	0.0	0.0	0.1	0.9	2.1
50°	6.8	4.0	2.1	0.6	0.1	0.0	0.0	0.0	0.1	0.6	2.1
52.5°	7.3	4.4	2.3	0.7	0.2	0.0	0.0	0.0	0.2	0.7	2.3
55°	7.1	4.4	2.2	0.9	0.3	0.0	0.0	0.0	0.3	0.9	2.2
57.5°	7.3	4.4	2.1	1.1	0.7	0.7	0.7	0.7	0.7	1.1	2.1
60°	7.6	4.8	2.5	1.2	0.7	0.7	0.7	0.7	0.7	1.2	2.5
62.5°	8.0	4.6	2.4	0.8	0.2	0.7	0.7	0.7	0.2	0.8	2.4
65°	7.9	4.8	2.4	0.8	0.6	0.7	0.7	0.7	0.6	0.8	2.4
67.5°	7.8	4.7	2.4	0.6	0.1	0.6	0.7	0.6	0.1	0.6	2.4
70°	7.9	4.8	2.1	0.7	0.0	0.4	0.7	0.4	0.0	0.7	2.1
72.5°	7.5	4.9	2.3	0.4	0.0	0.7	0.7	0.7	0.0	0.4	2.3
75°	6.9	4.0	2.0	0.6	0.0	0.7	0.7	0.7	0.0	0.6	2.0
77.5°	6.6	3.9	1.6	0.1	0.0	0.1	0.0	0.1	0.0	0.1	1.6
80°	5.9	3.1	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
82.5°	5.2	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	4.6	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	3.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	4.6	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	5.2	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	5.9	3.1	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
102.5°	6.6	3.9	1.6	0.1	0.0	0.1	0.0	0.1	0.0	0.1	1.6
105°	6.9	4.0	2.0	0.6	0.0	0.7	0.7	0.7	0.0	0.6	2.0
107.5°	7.5	4.9	2.3	0.4	0.0	0.7	0.7	0.7	0.0	0.4	2.3
110°	7.9	4.8	2.1	0.7	0.0	0.4	0.7	0.4	0.0	0.7	2.1



TEST NUMBER: P231959

CATALOG NUMBER: FVS4WM-4-LD4-50-1LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	7.8	4.7	2.4	0.6	0.1	0.6	0.7	0.6	0.1	0.6	2.4
115°	7.9	4.8	2.4	0.8	0.6	0.7	0.7	0.7	0.6	0.8	2.4
117.5°	8.0	4.6	2.4	0.8	0.2	0.7	0.7	0.7	0.2	0.8	2.4
120°	7.6	4.8	2.5	1.2	0.7	0.7	0.7	0.7	0.7	1.2	2.5
122.5°	7.3	4.4	2.1	1.1	0.7	0.7	0.7	0.7	0.7	1.1	2.1
125°	7.1	4.4	2.2	0.9	0.3	0.0	0.0	0.0	0.3	0.9	2.2
127.5°	7.3	4.4	2.3	0.7	0.2	0.0	0.0	0.0	0.2	0.7	2.3
130°	6.8	4.0	2.1	0.6	0.1	0.0	0.0	0.0	0.1	0.6	2.1
132.5°	6.6	4.1	2.1	0.9	0.1	0.0	0.0	0.0	0.1	0.9	2.1
135°	6.5	4.1	1.9	1.0	0.0	0.0	0.0	0.0	0.0	1.0	1.9
137.5°	6.3	3.7	1.8	0.8	0.0	0.0	0.0	0.0	0.0	0.8	1.8
140°	5.8	3.3	1.8	0.7	0.0	0.0	0.0	0.0	0.0	0.7	1.8
142.5°	5.3	3.2	1.9	0.6	0.0	0.0	0.0	0.0	0.0	0.6	1.9
145°	4.7	3.3	2.0	0.9	0.5	0.2	0.0	0.2	0.5	0.9	2.0
147.5°	4.4	3.1	1.8	0.7	0.4	0.2	0.0	0.2	0.4	0.7	1.8
150°	4.1	2.7	1.4	0.6	0.4	0.2	0.0	0.2	0.4	0.6	1.4
152.5°	3.8	2.4	1.0	0.6	0.4	0.2	0.0	0.2	0.4	0.6	1.0
155°	3.4	2.1	1.2	0.9	0.6	0.3	0.0	0.3	0.6	0.9	1.2
157.5°	2.9	1.6	1.2	0.8	0.5	0.3	0.0	0.3	0.5	0.8	1.2
160°	2.5	1.8	1.4	1.1	0.7	0.4	0.0	0.4	0.7	1.1	1.4
162.5°	1.9	1.6	1.3	0.9	0.6	0.3	0.0	0.3	0.6	0.9	1.3
165°	1.7	1.4	1.1	0.8	0.5	0.3	0.0	0.3	0.5	0.8	1.1
167.5°	1.7	1.4	1.1	0.9	0.6	0.3	0.0	0.3	0.6	0.9	1.1
170°	1.4	1.2	0.9	0.7	0.5	0.2	0.0	0.2	0.5	0.7	0.9
172.5°	1.3	1.1	0.9	0.6	0.4	0.2	0.0	0.2	0.4	0.6	0.9
175°	0.9	0.7	0.6	0.4	0.3	0.1	0.0	0.1	0.3	0.4	0.6
177.5°	0.5	0.4	0.4	0.3	0.2	0.1	0.0	0.1	0.2	0.3	0.4
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: P231959

CATALOG NUMBER: FVS4WM-4-LD4-50-1LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
2.5°	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4
5°	0.7	0.9	1.0	1.2	1.3	1.5	1.6	1.7	1.9	2.0	2.2
7.5°	1.1	1.3	1.5	1.7	1.9	2.1	2.3	2.5	2.7	2.9	3.0
10°	1.2	1.4	1.7	1.9	2.2	2.4	2.7	3.0	3.7	4.4	5.0
12.5°	1.4	1.7	2.0	2.3	2.5	3.1	3.9	4.7	5.4	6.2	6.9
15°	1.4	1.7	2.0	2.6	3.5	4.5	5.4	6.3	7.2	8.1	9.0
17.5°	1.6	1.9	2.6	3.6	4.6	5.7	6.7	7.8	8.8	10.0	11.2
20°	1.8	2.5	3.5	4.6	5.7	6.8	8.0	9.3	10.8	12.3	13.7
22.5°	1.6	2.9	4.1	5.3	6.6	7.7	9.4	11.1	12.8	14.5	16.2
25°	2.1	3.4	4.7	6.0	7.4	9.3	11.1	12.9	14.7	16.4	18.4
27.5°	2.4	3.8	5.2	6.4	8.6	10.6	12.6	14.7	16.8	19.0	21.1
30°	2.7	4.1	5.6	7.7	9.9	12.0	14.1	16.4	18.7	21.1	23.5
32.5°	3.1	4.4	6.3	8.6	10.8	13.0	15.8	18.4	20.9	23.2	25.9
35°	3.3	4.7	7.1	9.6	12.0	14.7	17.4	20.1	22.9	25.7	28.4
37.5°	3.2	5.3	7.7	10.3	13.2	16.1	19.0	21.9	24.9	27.9	30.7
40°	3.3	5.8	8.2	11.0	14.1	17.3	20.5	23.5	26.5	29.6	32.8
42.5°	3.7	6.3	9.0	11.8	14.7	17.9	21.3	25.0	28.6	31.7	35.0
45°	4.1	6.5	9.4	12.4	15.4	18.7	22.4	26.1	29.9	33.7	37.1
47.5°	4.1	6.6	9.6	12.8	16.3	19.5	23.4	27.4	31.3	35.1	38.8
50°	4.0	6.8	9.9	13.4	16.7	20.2	23.9	28.1	32.2	36.3	40.4
52.5°	4.4	7.3	10.3	13.6	17.1	20.8	24.7	28.8	33.1	37.5	41.9
55°	4.4	7.1	10.6	14.0	17.7	21.3	25.2	29.5	34.1	38.7	43.4
57.5°	4.4	7.3	10.7	14.3	18.2	22.0	25.9	30.4	35.3	39.8	44.7
60°	4.8	7.6	10.8	14.3	18.4	22.4	26.3	31.0	35.8	40.5	45.7
62.5°	4.6	8.0	11.1	14.5	18.3	22.4	26.8	31.6	36.5	41.6	46.8
65°	4.8	7.9	10.9	14.6	18.7	22.6	27.2	32.2	37.1	42.5	47.7
67.5°	4.7	7.8	10.9	14.6	18.9	23.0	27.6	32.9	38.0	43.6	48.7
70°	4.8	7.9	10.8	14.4	18.9	22.9	27.7	32.8	38.7	44.4	49.3
72.5°	4.9	7.5	10.4	14.3	18.6	23.2	28.3	33.6	39.8	45.2	50.1
75°	4.0	6.9	10.0	14.1	18.6	23.3	28.4	34.2	40.3	45.4	50.6
77.5°	3.9	6.6	9.7	13.8	18.2	23.6	29.4	35.2	40.8	45.6	50.7
80°	3.1	5.9	9.3	13.6	18.4	23.6	29.9	35.7	40.7	45.6	50.7
82.5°	2.1	5.2	8.8	13.4	18.8	24.5	30.1	35.6	40.6	45.6	50.5
85°	1.3	4.6	8.7	14.0	19.6	25.0	29.9	35.2	40.4	45.6	50.2
87.5°	0.3	3.8	9.2	14.6	19.5	24.7	29.3	35.3	39.9	45.1	49.9
90°	0.0	4.6	9.3	13.9	19.2	24.5	29.8	35.1	40.4	45.0	50.3
92.5°	0.3	3.8	9.2	14.6	19.5	24.7	29.3	35.3	39.9	45.1	49.9
95°	1.3	4.6	8.7	14.0	19.6	25.0	29.9	35.2	40.4	45.6	50.2
97.5°	2.1	5.2	8.8	13.4	18.8	24.5	30.1	35.6	40.6	45.6	50.5
100°	3.1	5.9	9.3	13.6	18.4	23.6	29.9	35.7	40.7	45.6	50.7
102.5°	3.9	6.6	9.7	13.8	18.2	23.6	29.4	35.2	40.8	45.6	50.7
105°	4.0	6.9	10.0	14.1	18.6	23.3	28.4	34.2	40.3	45.4	50.6
107.5°	4.9	7.5	10.4	14.3	18.6	23.2	28.3	33.6	39.8	45.2	50.1
110°	4.8	7.9	10.8	14.4	18.9	22.9	27.7	32.8	38.7	44.4	49.3



TEST NUMBER: P231959

CATALOG NUMBER: FVS4WM-4-LD4-50-1LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
112.5°	4.7	7.8	10.9	14.6	18.9	23.0	27.6	32.9	38.0	43.6	48.7
115°	4.8	7.9	10.9	14.6	18.7	22.6	27.2	32.2	37.1	42.5	47.7
117.5°	4.6	8.0	11.1	14.5	18.3	22.4	26.8	31.6	36.5	41.6	46.8
120°	4.8	7.6	10.8	14.3	18.4	22.4	26.3	31.0	35.8	40.5	45.7
122.5°	4.4	7.3	10.7	14.3	18.2	22.0	25.9	30.4	35.3	39.8	44.7
125°	4.4	7.1	10.6	14.0	17.7	21.3	25.2	29.5	34.1	38.7	43.4
127.5°	4.4	7.3	10.3	13.6	17.1	20.8	24.7	28.8	33.1	37.5	41.9
130°	4.0	6.8	9.9	13.4	16.7	20.2	23.9	28.1	32.2	36.3	40.4
132.5°	4.1	6.6	9.6	12.8	16.3	19.5	23.4	27.4	31.3	35.1	38.8
135°	4.1	6.5	9.4	12.4	15.4	18.7	22.4	26.1	29.9	33.7	37.1
137.5°	3.7	6.3	9.0	11.8	14.7	17.9	21.3	25.0	28.6	31.7	35.0
140°	3.3	5.8	8.2	11.0	14.1	17.3	20.5	23.5	26.5	29.6	32.8
142.5°	3.2	5.3	7.7	10.3	13.2	16.1	19.0	21.9	24.9	27.9	30.7
145°	3.3	4.7	7.1	9.6	12.0	14.7	17.4	20.1	22.9	25.7	28.4
147.5°	3.1	4.4	6.3	8.6	10.8	13.0	15.8	18.4	20.9	23.2	25.9
150°	2.7	4.1	5.6	7.7	9.9	12.0	14.1	16.4	18.7	21.1	23.5
152.5°	2.4	3.8	5.2	6.4	8.6	10.6	12.6	14.7	16.8	19.0	21.1
155°	2.1	3.4	4.7	6.0	7.4	9.3	11.1	12.9	14.7	16.4	18.4
157.5°	1.6	2.9	4.1	5.3	6.6	7.7	9.4	11.1	12.8	14.5	16.2
160°	1.8	2.5	3.5	4.6	5.7	6.8	8.0	9.3	10.8	12.3	13.7
162.5°	1.6	1.9	2.6	3.6	4.6	5.7	6.7	7.8	8.8	10.0	11.2
165°	1.4	1.7	2.0	2.6	3.5	4.5	5.4	6.3	7.2	8.1	9.0
167.5°	1.4	1.7	2.0	2.3	2.5	3.1	3.9	4.7	5.4	6.2	6.9
170°	1.2	1.4	1.7	1.9	2.2	2.4	2.7	3.0	3.7	4.4	5.0
172.5°	1.1	1.3	1.5	1.7	1.9	2.1	2.3	2.5	2.7	2.9	3.0
175°	0.7	0.9	1.0	1.2	1.3	1.5	1.6	1.7	1.9	2.0	2.2
177.5°	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231959

CATALOG NUMBER: FVS4WM-4-LD4-50-1LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
2.5°	1.4	1.5	1.6	1.7	1.8	1.8	1.9	2.0	2.1	2.1	2.2
5°	2.3	2.5	2.6	2.8	2.9	3.1	3.2	3.3	3.5	3.6	3.7
7.5°	3.2	3.3	3.8	4.2	4.7	5.1	5.5	5.9	6.2	6.6	6.9
10°	5.6	6.2	6.7	7.2	7.7	8.2	8.7	9.2	9.6	10.1	10.5
12.5°	7.7	8.5	9.2	9.9	10.6	11.3	12.0	12.7	13.4	14.1	14.7
15°	9.9	10.8	11.9	12.9	13.9	14.8	15.7	16.6	17.4	18.2	19.1
17.5°	12.5	13.8	15.1	16.3	17.4	18.5	19.5	20.5	21.5	22.5	23.4
20°	15.1	16.5	18.0	19.4	21.0	22.3	23.6	24.7	25.9	27.0	28.1
22.5°	17.8	19.5	21.1	22.7	24.4	26.1	27.7	29.0	30.2	31.5	32.8
25°	20.5	22.5	24.4	26.2	28.0	29.8	31.5	33.2	34.8	36.3	37.8
27.5°	23.2	25.3	27.4	29.5	31.6	33.6	35.5	37.3	39.0	40.7	42.2
30°	25.8	28.0	30.2	32.5	34.8	36.9	39.0	41.2	43.1	44.9	46.7
32.5°	28.4	31.0	33.6	36.0	38.3	40.6	42.8	45.0	47.1	49.0	51.1
35°	31.1	33.7	36.4	39.1	41.6	44.1	46.6	49.0	51.1	53.1	55.2
37.5°	33.7	36.5	39.2	42.0	44.7	47.4	50.0	52.4	54.8	57.1	59.3
40°	35.9	39.0	41.9	44.8	47.6	50.6	53.4	55.9	58.3	60.7	63.1
42.5°	38.3	41.3	44.5	47.6	50.4	53.5	56.5	59.2	61.7	64.1	66.6
45°	40.4	43.6	46.7	50.1	53.3	56.4	59.6	62.5	65.0	67.5	70.1
47.5°	42.3	45.9	49.2	52.5	55.9	59.1	62.2	65.1	68.0	70.7	73.6
50°	44.2	47.9	51.4	54.8	58.3	61.5	64.7	67.8	70.8	73.7	76.5
52.5°	45.7	49.7	53.4	56.8	60.6	63.9	67.2	70.5	73.6	76.6	79.5
55°	47.4	51.4	55.4	58.9	62.5	65.9	69.4	73.0	76.2	79.1	82.2
57.5°	48.9	53.0	57.0	60.9	64.7	68.0	71.5	75.1	78.6	81.5	84.7
60°	50.2	54.2	58.5	62.4	66.2	69.9	73.6	77.1	80.6	83.8	86.9
62.5°	51.4	55.6	59.8	63.7	67.9	71.5	75.4	79.0	82.6	86.0	89.3
65°	52.4	56.8	61.0	65.0	69.2	73.1	77.0	80.8	84.4	87.8	90.9
67.5°	53.4	57.7	62.0	66.2	70.5	74.5	78.4	82.2	86.2	89.6	92.5
70°	54.0	58.5	62.9	67.4	71.7	75.8	79.8	83.5	87.1	91.0	94.4
72.5°	54.6	59.4	63.6	68.2	72.4	76.6	80.8	84.6	88.4	92.0	95.4
75°	55.1	59.9	64.2	68.7	73.0	77.5	81.7	85.4	89.1	92.8	96.4
77.5°	55.5	60.1	64.5	69.1	73.7	78.1	82.2	86.1	89.9	93.5	97.3
80°	55.4	60.1	64.7	69.4	74.0	78.6	82.7	86.4	90.4	94.2	98.1
82.5°	55.3	60.3	65.0	69.6	74.3	78.9	83.2	86.7	90.6	94.6	98.5
85°	55.1	60.4	65.0	69.6	74.3	78.9	82.9	86.8	90.8	94.7	98.7
87.5°	55.2	60.3	65.0	69.6	74.3	78.9	82.9	86.8	90.8	94.7	98.7
90°	55.6	60.2	64.9	69.5	74.1	78.8	83.4	87.4	91.3	95.3	98.6
92.5°	55.2	60.3	65.0	69.6	74.2	78.9	83.0	87.0	91.0	94.9	98.6
95°	55.1	60.4	65.0	69.6	74.3	78.9	82.9	86.8	90.8	94.7	98.7
97.5°	55.3	60.3	65.0	69.6	74.3	78.9	83.2	86.7	90.6	94.6	98.5
100°	55.4	60.1	64.7	69.4	74.0	78.6	82.7	86.4	90.4	94.2	98.1
102.5°	55.5	60.1	64.5	69.1	73.7	78.1	82.2	86.1	89.9	93.5	97.3
105°	55.1	59.9	64.2	68.7	73.0	77.5	81.7	85.4	89.1	92.8	96.4
107.5°	54.6	59.4	63.6	68.2	72.4	76.6	80.8	84.6	88.4	92.0	95.4
110°	54.0	58.5	62.9	67.4	71.7	75.8	79.8	83.5	87.1	91.0	94.4



TEST NUMBER: P231959

CATALOG NUMBER: FVS4WM-4-LD4-50-1LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	53.4	57.7	62.0	66.2	70.5	74.5	78.4	82.2	86.2	89.6	92.5
115°	52.4	56.8	61.0	65.0	69.2	73.1	77.0	80.8	84.4	87.8	90.9
117.5°	51.4	55.6	59.8	63.7	67.9	71.5	75.4	79.0	82.6	86.0	89.3
120°	50.2	54.2	58.5	62.4	66.2	69.9	73.6	77.1	80.6	83.8	86.9
122.5°	48.9	53.0	57.0	60.9	64.7	68.0	71.5	75.1	78.6	81.5	84.7
125°	47.4	51.4	55.4	58.9	62.5	65.9	69.4	73.0	76.2	79.1	82.2
127.5°	45.7	49.7	53.4	56.8	60.6	63.9	67.2	70.5	73.6	76.6	79.5
130°	44.2	47.9	51.4	54.8	58.3	61.5	64.7	67.8	70.8	73.7	76.5
132.5°	42.3	45.9	49.2	52.5	55.9	59.1	62.2	65.1	68.0	70.7	73.6
135°	40.4	43.6	46.7	50.1	53.3	56.4	59.6	62.5	65.0	67.5	70.1
137.5°	38.3	41.3	44.5	47.6	50.4	53.5	56.5	59.2	61.7	64.1	66.6
140°	35.9	39.0	41.9	44.8	47.6	50.6	53.4	55.9	58.3	60.7	63.1
142.5°	33.7	36.5	39.2	42.0	44.7	47.4	50.0	52.4	54.8	57.1	59.3
145°	31.1	33.7	36.4	39.1	41.6	44.1	46.6	49.0	51.1	53.1	55.2
147.5°	28.4	31.0	33.6	36.0	38.3	40.6	42.8	45.0	47.1	49.0	51.1
150°	25.8	28.0	30.2	32.5	34.8	36.9	39.0	41.2	43.1	44.9	46.7
152.5°	23.2	25.3	27.4	29.5	31.6	33.6	35.5	37.3	39.0	40.7	42.2
155°	20.5	22.5	24.4	26.2	28.0	29.8	31.5	33.2	34.8	36.3	37.8
157.5°	17.8	19.5	21.1	22.7	24.4	26.1	27.7	29.0	30.2	31.5	32.8
160°	15.1	16.5	18.0	19.4	21.0	22.3	23.6	24.7	25.9	27.0	28.1
162.5°	12.5	13.8	15.1	16.3	17.4	18.5	19.5	20.5	21.5	22.5	23.4
165°	9.9	10.8	11.9	12.9	13.9	14.8	15.7	16.6	17.4	18.2	19.1
167.5°	7.7	8.5	9.2	9.9	10.6	11.3	12.0	12.7	13.4	14.1	14.7
170°	5.6	6.2	6.7	7.2	7.7	8.2	8.7	9.2	9.6	10.1	10.5
172.5°	3.2	3.3	3.8	4.2	4.7	5.1	5.5	5.9	6.2	6.6	6.9
175°	2.3	2.5	2.6	2.8	2.9	3.1	3.2	3.3	3.5	3.6	3.7
177.5°	1.4	1.5	1.6	1.7	1.8	1.8	1.9	2.0	2.1	2.1	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: P231959

CATALOG NUMBER: FVS4WM-4-LD4-50-1LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
2.5°	2.3	2.3	2.4	2.4	2.5	2.5	2.5	2.6	2.6	2.7	2.8
5°	3.8	4.0	4.1	4.2	4.2	4.3	4.4	4.5	4.5	4.6	5.0
7.5°	7.2	7.5	7.8	8.0	8.2	8.4	8.6	8.7	8.8	8.9	9.5
10°	10.9	11.3	11.7	12.0	12.3	12.5	12.7	12.9	13.1	13.2	14.0
12.5°	15.3	15.9	16.4	16.8	17.2	17.6	18.0	18.3	18.6	18.9	19.8
15°	19.9	20.7	21.2	21.8	22.3	22.7	23.2	23.7	24.1	24.5	25.7
17.5°	24.5	25.4	26.3	27.0	27.6	28.1	28.6	29.3	29.9	30.5	31.7
20°	29.2	30.3	31.4	32.4	33.0	33.6	34.0	34.9	35.7	36.4	37.7
22.5°	34.2	35.4	36.5	37.3	38.1	39.0	39.8	40.5	41.2	41.7	43.7
25°	39.2	40.4	41.6	42.6	43.6	44.6	45.5	46.3	47.0	47.6	49.8
27.5°	43.7	45.2	46.6	47.8	48.8	49.8	50.7	51.5	52.4	53.3	55.5
30°	48.3	49.8	51.5	53.0	54.0	54.8	55.8	56.7	57.8	58.9	61.1
32.5°	52.9	54.4	56.0	57.7	59.0	59.9	60.9	61.9	62.9	63.9	66.5
35°	57.2	58.9	60.4	62.2	63.8	65.0	66.1	67.1	68.0	68.8	71.8
37.5°	61.4	63.2	64.8	66.5	68.3	69.5	70.6	71.7	72.7	73.8	76.8
40°	65.3	67.4	69.0	70.6	72.5	73.9	75.1	76.2	77.5	78.8	81.7
42.5°	69.2	71.3	73.2	74.7	76.5	78.0	79.3	80.4	81.7	83.1	86.4
45°	72.5	74.9	77.2	78.7	80.5	82.2	83.4	84.6	85.9	87.4	91.0
47.5°	76.0	78.3	80.8	82.5	84.3	86.1	87.3	88.5	89.9	91.7	95.3
50°	79.2	81.7	84.0	86.1	88.0	89.9	91.2	92.4	93.9	96.0	99.5
52.5°	82.3	84.9	87.2	89.3	91.5	93.2	94.7	96.0	97.4	99.3	103.2
55°	85.0	87.7	90.2	92.3	94.8	96.4	98.1	99.6	100.9	102.6	106.9
57.5°	87.7	90.5	93.1	95.1	97.5	99.4	101.1	102.5	103.8	105.6	110.0
60°	90.0	93.0	95.9	97.9	100.0	102.2	104.2	105.4	106.7	108.5	113.1
62.5°	92.1	95.3	98.1	100.4	102.5	104.6	106.6	108.0	109.4	111.2	115.8
65°	94.3	97.4	100.1	102.7	104.9	106.9	108.9	110.7	112.0	113.8	118.6
67.5°	96.0	99.2	101.9	104.6	106.9	108.9	110.8	112.6	113.9	115.8	120.7
70°	97.5	100.5	103.5	106.2	108.4	110.8	112.7	114.6	115.9	117.8	122.8
72.5°	98.7	101.8	104.7	107.5	109.8	112.1	114.3	115.9	117.2	119.5	124.5
75°	99.7	103.0	106.1	108.8	111.3	113.4	115.9	117.2	118.6	121.1	126.4
77.5°	100.6	103.9	106.9	109.7	112.3	114.3	116.9	118.2	119.8	122.1	127.4
80°	101.5	104.7	107.4	110.6	113.3	115.2	117.8	119.1	121.1	123.1	128.4
82.5°	101.8	105.0	107.9	111.0	113.6	115.8	118.2	119.8	121.5	123.8	128.7
85°	102.0	105.3	108.5	111.2	113.8	116.5	118.5	120.4	121.8	124.4	129.0
87.5°	102.3	105.6	108.5	111.5	114.2	116.5	118.8	120.8	122.1	124.8	129.3
90°	102.6	105.9	108.5	111.8	114.5	116.5	119.1	121.1	122.4	125.1	129.7
92.5°	102.3	105.6	108.5	111.5	114.2	116.5	118.8	120.8	122.1	124.8	129.3
95°	102.0	105.3	108.5	111.2	113.8	116.5	118.5	120.4	121.8	124.4	129.0
97.5°	101.8	105.0	107.9	111.0	113.6	115.8	118.2	119.8	121.5	123.8	128.7
100°	101.5	104.7	107.4	110.6	113.3	115.2	117.8	119.1	121.1	123.1	128.4
102.5°	100.6	103.9	106.9	109.7	112.3	114.3	116.9	118.2	119.8	122.1	127.4
105°	99.7	103.0	106.1	108.8	111.3	113.4	115.9	117.2	118.6	121.1	126.4
107.5°	98.7	101.8	104.7	107.5	109.8	112.1	114.3	115.9	117.2	119.5	124.5
110°	97.5	100.5	103.5	106.2	108.4	110.8	112.7	114.6	115.9	117.8	122.8



TEST NUMBER: P231959

CATALOG NUMBER: FVS4WM-4-LD4-50-1LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
112.5°	96.0	99.2	101.9	104.6	106.9	108.9	110.8	112.6	113.9	115.8	120.7
115°	94.3	97.4	100.1	102.7	104.9	106.9	108.9	110.7	112.0	113.8	118.6
117.5°	92.1	95.3	98.1	100.4	102.5	104.6	106.6	108.0	109.4	111.2	115.8
120°	90.0	93.0	95.9	97.9	100.0	102.2	104.2	105.4	106.7	108.5	113.1
122.5°	87.7	90.5	93.1	95.1	97.5	99.4	101.1	102.5	103.8	105.6	110.0
125°	85.0	87.7	90.2	92.3	94.8	96.4	98.1	99.6	100.9	102.6	106.9
127.5°	82.3	84.9	87.2	89.3	91.5	93.2	94.7	96.0	97.4	99.3	103.2
130°	79.2	81.7	84.0	86.1	88.0	89.9	91.2	92.4	93.9	96.0	99.5
132.5°	76.0	78.3	80.8	82.5	84.3	86.1	87.3	88.5	89.9	91.7	95.3
135°	72.5	74.9	77.2	78.7	80.5	82.2	83.4	84.6	85.9	87.4	91.0
137.5°	69.2	71.3	73.2	74.7	76.5	78.0	79.3	80.4	81.7	83.1	86.4
140°	65.3	67.4	69.0	70.6	72.5	73.9	75.1	76.2	77.5	78.8	81.7
142.5°	61.4	63.2	64.8	66.5	68.3	69.5	70.6	71.7	72.7	73.8	76.8
145°	57.2	58.9	60.4	62.2	63.8	65.0	66.1	67.1	68.0	68.8	71.8
147.5°	52.9	54.4	56.0	57.7	59.0	59.9	60.9	61.9	62.9	63.9	66.5
150°	48.3	49.8	51.5	53.0	54.0	54.8	55.8	56.7	57.8	58.9	61.1
152.5°	43.7	45.2	46.6	47.8	48.8	49.8	50.7	51.5	52.4	53.3	55.5
155°	39.2	40.4	41.6	42.6	43.6	44.6	45.5	46.3	47.0	47.6	49.8
157.5°	34.2	35.4	36.5	37.3	38.1	39.0	39.8	40.5	41.2	41.7	43.7
160°	29.2	30.3	31.4	32.4	33.0	33.6	34.0	34.9	35.7	36.4	37.7
162.5°	24.5	25.4	26.3	27.0	27.6	28.1	28.6	29.3	29.9	30.5	31.7
165°	19.9	20.7	21.2	21.8	22.3	22.7	23.2	23.7	24.1	24.5	25.7
167.5°	15.3	15.9	16.4	16.8	17.2	17.6	18.0	18.3	18.6	18.9	19.8
170°	10.9	11.3	11.7	12.0	12.3	12.5	12.7	12.9	13.1	13.2	14.0
172.5°	7.2	7.5	7.8	8.0	8.2	8.4	8.6	8.7	8.8	8.9	9.5
175°	3.8	4.0	4.1	4.2	4.2	4.3	4.4	4.5	4.5	4.6	5.0
177.5°	2.3	2.3	2.4	2.4	2.5	2.5	2.5	2.6	2.6	2.7	2.8
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: P231959

CATALOG NUMBER: FVS4WM-4-LD4-50-1LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
2.5°	3.0	3.2	3.4	3.5	3.7	3.8	4.0	4.1	4.3	4.4	4.5
5°	5.4	5.8	6.2	6.5	6.9	7.2	7.5	7.9	8.1	8.4	8.7
7.5°	10.1	10.6	11.1	11.6	12.1	12.5	13.1	14.1	15.1	16.0	16.9
10°	14.8	15.5	16.2	16.8	17.6	19.2	20.7	22.1	23.5	24.8	26.0
12.5°	20.8	21.6	22.4	23.6	25.6	27.5	29.3	31.0	33.0	35.2	37.4
15°	26.8	27.8	28.9	31.4	33.7	35.9	38.2	41.1	43.9	46.6	49.5
17.5°	32.9	34.0	36.3	39.1	41.8	44.7	48.2	51.5	54.7	58.2	61.8
20°	39.0	40.3	43.6	46.8	50.0	54.3	58.3	62.3	66.6	70.7	74.7
22.5°	45.6	48.1	51.7	55.3	59.5	63.9	68.3	73.4	78.3	83.1	88.2
25°	51.9	54.9	58.6	62.7	68.1	73.2	78.9	84.6	90.2	95.6	100.9
27.5°	57.6	61.6	65.7	71.0	76.9	83.0	89.3	95.5	102.2	108.6	115.0
30°	63.3	68.3	73.2	79.5	86.1	92.9	100.0	107.2	114.3	121.6	128.7
32.5°	69.3	74.4	80.0	86.9	94.3	102.3	110.4	118.4	126.4	134.4	142.0
35°	75.2	80.3	86.6	94.1	102.4	111.5	120.0	128.8	137.7	146.3	154.5
37.5°	80.7	86.4	93.8	101.9	110.9	120.1	129.7	139.3	149.3	157.6	166.5
40°	86.2	92.7	101.2	110.1	119.2	129.1	139.2	149.3	159.3	169.0	178.5
42.5°	91.3	97.9	107.4	117.0	126.9	137.6	148.4	159.2	170.1	180.3	190.1
45°	96.3	103.2	113.2	123.6	134.4	145.7	157.2	168.6	180.0	190.5	201.0
47.5°	101.0	108.8	118.9	129.9	141.5	153.5	165.6	177.7	189.1	200.5	211.7
50°	105.7	114.2	124.6	135.8	148.1	160.7	173.5	186.1	198.0	209.9	222.5
52.5°	109.5	118.6	129.7	141.6	154.7	167.8	181.0	194.2	207.1	219.7	231.9
55°	113.3	122.8	134.7	147.5	161.5	174.6	187.9	201.4	215.0	228.4	240.7
57.5°	116.9	127.0	139.3	152.5	167.0	180.7	194.5	208.5	222.6	236.2	249.2
60°	120.5	131.1	143.6	157.1	171.8	186.5	200.8	215.4	229.7	243.4	256.4
62.5°	123.8	134.6	147.2	161.4	176.6	191.6	206.5	221.8	236.4	250.2	263.8
65°	127.0	137.9	150.7	165.7	181.0	196.1	211.5	227.3	241.9	256.4	270.4
67.5°	128.9	140.9	154.5	169.6	185.2	200.5	216.2	232.4	247.2	262.3	276.2
70°	131.2	143.1	157.8	173.2	189.0	204.5	220.6	237.0	252.2	266.3	281.0
72.5°	133.1	145.3	160.3	175.7	191.8	207.9	224.2	240.9	256.7	271.4	285.9
75°	135.0	147.5	162.5	177.8	194.1	210.9	227.5	244.1	260.3	275.4	289.8
77.5°	136.5	148.6	163.9	179.6	196.4	213.3	230.2	246.6	263.2	278.5	293.2
80°	138.3	149.6	165.1	181.2	198.7	215.1	232.4	248.4	265.1	280.7	295.7
82.5°	138.6	151.2	166.4	182.5	199.9	216.3	233.6	250.2	266.9	282.5	297.7
85°	139.0	152.2	166.8	184.0	201.2	217.7	234.9	252.6	268.5	283.8	299.4
87.5°	139.3	152.2	166.8	184.3	201.2	217.4	235.2	252.8	268.7	284.6	300.4
90°	139.6	152.2	166.8	184.6	201.2	217.1	235.6	252.8	268.0	284.6	300.4
92.5°	139.3	152.2	166.8	184.3	201.2	217.4	235.2	252.8	268.7	284.6	300.4
95°	139.0	152.2	166.8	184.0	201.2	217.7	234.9	252.6	268.5	283.8	299.4
97.5°	138.6	151.2	166.4	182.5	199.9	216.3	233.6	250.2	266.9	282.5	297.7
100°	138.3	149.6	165.1	181.2	198.7	215.1	232.4	248.4	265.1	280.7	295.7
102.5°	136.5	148.6	163.9	179.6	196.4	213.3	230.2	246.6	263.2	278.5	293.2
105°	135.0	147.5	162.5	177.8	194.1	210.9	227.5	244.1	260.3	275.4	289.8
107.5°	133.1	145.3	160.3	175.7	191.8	207.9	224.2	240.9	256.7	271.4	285.9
110°	131.2	143.1	157.8	173.2	189.0	204.5	220.6	237.0	252.2	266.3	281.0



TEST NUMBER: P231959

CATALOG NUMBER: FVS4WM-4-LD4-50-1LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	128.9	140.9	154.5	169.6	185.2	200.5	216.2	232.4	247.2	262.3	276.2
115°	127.0	137.9	150.7	165.7	181.0	196.1	211.5	227.3	241.9	256.4	270.4
117.5°	123.8	134.6	147.2	161.4	176.6	191.6	206.5	221.8	236.4	250.2	263.8
120°	120.5	131.1	143.6	157.1	171.8	186.5	200.8	215.4	229.7	243.4	256.4
122.5°	116.9	127.0	139.3	152.5	167.0	180.7	194.5	208.5	222.6	236.2	249.2
125°	113.3	122.8	134.7	147.5	161.5	174.6	187.9	201.4	215.0	228.4	240.7
127.5°	109.5	118.6	129.7	141.6	154.7	167.8	181.0	194.2	207.1	219.7	231.9
130°	105.7	114.2	124.6	135.8	148.1	160.7	173.5	186.1	198.0	209.9	222.5
132.5°	101.0	108.8	118.9	129.9	141.5	153.5	165.6	177.7	189.1	200.5	211.7
135°	96.3	103.2	113.2	123.6	134.4	145.7	157.2	168.6	180.0	190.5	201.0
137.5°	91.3	97.9	107.4	117.0	126.9	137.6	148.4	159.2	170.1	180.3	190.1
140°	86.2	92.7	101.2	110.1	119.2	129.1	139.2	149.3	159.3	169.0	178.5
142.5°	80.7	86.4	93.8	101.9	110.9	120.1	129.7	139.3	149.3	157.6	166.5
145°	75.2	80.3	86.6	94.1	102.4	111.5	120.0	128.8	137.7	146.3	154.5
147.5°	69.3	74.4	80.0	86.9	94.3	102.3	110.4	118.4	126.4	134.4	142.0
150°	63.3	68.3	73.2	79.5	86.1	92.9	100.0	107.2	114.3	121.6	128.7
152.5°	57.6	61.6	65.7	71.0	76.9	83.0	89.3	95.5	102.2	108.6	115.0
155°	51.9	54.9	58.6	62.7	68.1	73.2	78.9	84.6	90.2	95.6	100.9
157.5°	45.6	48.1	51.7	55.3	59.5	63.9	68.3	73.5	78.3	83.1	88.2
160°	39.0	40.3	43.6	46.8	50.0	54.3	58.3	62.3	66.6	70.7	74.7
162.5°	32.9	34.0	36.3	39.1	41.8	44.7	48.2	51.5	54.7	58.2	61.8
165°	26.8	27.8	28.9	31.4	33.7	35.9	38.2	41.1	43.9	46.6	49.5
167.5°	20.8	21.6	22.4	23.6	25.6	27.5	29.3	31.0	33.0	35.2	37.4
170°	14.8	15.5	16.2	16.8	17.6	19.2	20.7	22.1	23.5	24.8	26.0
172.5°	10.1	10.6	11.1	11.6	12.1	12.5	13.1	14.1	15.1	16.0	16.9
175°	5.4	5.8	6.2	6.5	6.9	7.2	7.5	7.9	8.1	8.4	8.7
177.5°	3.0	3.2	3.4	3.5	3.7	3.8	4.0	4.1	4.3	4.4	4.5
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: P231959

CATALOG NUMBER: FVS4WM-4-LD4-50-1LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
2.5°	4.6	4.7	4.8	4.9	5.0	5.0	5.1	5.1	5.2	5.2	5.2
5°	9.3	9.9	10.5	11.1	11.6	12.1	12.6	13.0	13.4	13.8	14.1
7.5°	17.7	18.5	19.2	19.9	20.5	21.4	22.1	23.2	24.1	25.0	25.8
10°	27.7	29.3	30.8	32.2	33.5	34.7	35.8	37.0	38.1	39.1	40.0
12.5°	39.5	41.5	43.4	45.6	47.6	49.5	51.2	52.8	54.2	55.7	57.0
15°	52.1	54.9	57.6	60.2	62.6	65.2	67.6	69.8	71.8	73.7	75.3
17.5°	65.2	69.0	72.3	75.8	79.1	82.2	84.9	87.4	89.6	91.7	93.6
20°	79.2	83.6	87.9	91.9	95.5	98.8	101.8	104.7	107.5	110.0	112.3
22.5°	93.2	98.1	103.0	107.4	111.7	115.4	118.9	122.2	125.3	128.2	130.7
25°	106.9	112.9	119.1	123.4	127.9	132.2	136.2	139.8	143.2	146.3	149.5
27.5°	121.4	127.7	133.5	139.0	144.2	149.0	154.1	157.7	161.7	165.4	168.4
30°	135.5	142.1	148.5	154.9	160.8	166.2	171.2	175.7	179.8	183.4	187.0
32.5°	149.3	156.5	163.8	170.8	176.9	182.7	188.1	193.0	197.4	201.2	205.0
35°	162.6	170.5	178.2	185.6	192.3	198.1	203.9	209.1	213.8	218.3	222.2
37.5°	175.4	183.9	192.3	200.1	206.7	213.3	219.7	225.2	230.2	235.9	239.8
40°	187.9	196.5	205.2	213.6	221.4	229.2	235.5	240.7	246.2	251.5	256.4
42.5°	199.6	208.9	218.6	227.5	235.7	242.6	248.9	255.3	262.0	267.2	272.3
45°	211.4	221.5	231.2	240.3	248.2	255.3	262.7	269.7	276.5	282.4	286.4
47.5°	222.8	233.3	243.1	252.3	260.6	268.6	276.2	283.3	289.9	295.2	299.7
50°	233.6	244.2	254.4	263.9	272.7	281.3	289.0	296.1	303.1	308.4	313.2
52.5°	243.4	254.4	265.1	275.1	284.4	292.7	300.8	308.3	314.4	320.6	325.7
55°	252.6	264.1	275.6	285.0	294.5	303.8	312.2	319.3	325.9	332.6	337.7
57.5°	260.9	272.9	284.1	294.8	305.0	313.9	322.5	330.3	336.9	343.3	349.1
60°	268.9	281.6	292.7	303.5	313.8	323.1	332.0	339.9	346.8	353.3	359.2
62.5°	276.5	288.8	300.7	311.8	321.8	332.0	341.3	349.3	356.2	362.9	368.8
65°	283.2	295.9	308.1	319.3	330.1	340.5	350.1	357.6	364.6	371.7	377.7
67.5°	289.8	302.6	314.6	326.5	337.4	347.2	356.9	364.9	372.3	379.6	386.1
70°	294.9	308.3	320.6	332.7	343.5	353.6	363.2	371.7	379.5	387.1	393.8
72.5°	299.6	312.8	325.5	337.8	349.0	359.6	369.1	377.5	385.8	393.5	400.4
75°	303.8	317.1	329.8	342.2	353.6	364.0	374.0	382.6	391.2	398.9	406.0
77.5°	307.4	321.0	333.4	345.7	357.4	368.2	378.2	387.2	395.2	403.3	410.3
80°	309.7	323.6	336.2	348.6	360.4	371.4	381.4	390.5	398.8	406.7	413.9
82.5°	311.4	325.6	338.4	350.7	362.5	373.1	383.1	392.9	401.5	409.6	416.8
85°	312.8	326.7	340.3	352.3	363.7	374.7	384.6	394.6	403.1	411.3	418.6
87.5°	313.9	327.6	341.2	353.4	364.8	375.7	385.6	395.7	403.7	412.3	419.6
90°	314.3	327.6	340.8	353.4	365.3	375.2	385.2	395.7	403.7	412.3	418.9
92.5°	313.9	327.6	341.2	353.4	364.8	375.7	385.6	395.7	403.7	412.3	419.6
95°	312.8	326.7	340.3	352.3	363.7	374.7	384.6	394.6	403.1	411.3	418.6
97.5°	311.4	325.6	338.4	350.7	362.5	373.1	383.1	392.9	401.5	409.6	416.8
100°	309.7	323.6	336.2	348.6	360.4	371.4	381.4	390.5	398.8	406.7	413.9
102.5°	307.4	321.0	333.4	345.7	357.4	368.2	378.2	387.2	395.2	403.3	410.3
105°	303.8	317.1	329.8	342.2	353.6	364.0	374.0	382.6	391.2	398.9	406.0
107.5°	299.6	312.8	325.5	337.8	349.0	359.6	369.1	377.5	385.8	393.5	400.4
110°	294.9	308.3	320.6	332.7	343.5	353.6	363.2	371.7	379.5	387.1	393.8



TEST NUMBER: P231959

CATALOG NUMBER: FVS4WM-4-LD4-50-1LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
112.5°	289.8	302.6	314.6	326.5	337.4	347.2	356.9	364.9	372.3	379.6	386.1
115°	283.2	295.9	308.1	319.3	330.1	340.5	350.1	357.6	364.6	371.7	377.7
117.5°	276.5	288.8	300.7	311.8	321.8	332.0	341.3	349.3	356.2	362.9	368.8
120°	268.9	281.6	292.7	303.5	313.8	323.1	332.0	339.9	346.8	353.3	359.2
122.5°	260.9	272.9	284.1	294.8	305.0	313.9	322.5	330.3	336.9	343.3	349.1
125°	252.6	264.1	275.6	285.0	294.5	303.8	312.2	319.3	325.9	332.6	337.7
127.5°	243.4	254.4	265.1	275.1	284.4	292.7	300.8	308.3	314.4	320.6	325.7
130°	233.6	244.2	254.4	263.9	272.7	281.3	289.0	296.1	303.1	308.4	313.2
132.5°	222.8	233.3	243.1	252.3	260.6	268.6	276.2	283.3	289.9	295.2	299.7
135°	211.4	221.5	231.2	240.3	248.2	255.3	262.7	269.7	276.5	282.4	286.4
137.5°	199.6	208.9	218.6	227.5	235.7	242.6	248.9	255.3	262.0	267.2	272.3
140°	187.9	196.5	205.2	213.6	221.4	229.2	235.5	240.7	246.2	251.5	256.4
142.5°	175.4	183.9	192.3	200.1	206.7	213.3	219.7	225.2	230.2	235.9	239.8
145°	162.6	170.5	178.2	185.6	192.3	198.1	203.9	209.1	213.8	218.3	222.2
147.5°	149.3	156.5	163.8	170.8	176.9	182.7	188.1	193.0	197.4	201.2	205.0
150°	135.5	142.1	148.5	154.9	160.8	166.2	171.2	175.7	179.8	183.4	187.0
152.5°	121.4	127.7	133.5	139.0	144.2	149.0	154.1	157.7	161.7	165.4	168.4
155°	106.9	112.9	119.1	123.4	127.9	132.2	136.2	139.8	143.2	146.3	149.5
157.5°	93.2	98.1	103.0	107.4	111.7	115.4	118.9	122.2	125.3	128.2	130.7
160°	79.2	83.6	87.9	91.9	95.5	98.8	101.8	104.7	107.5	110.0	112.3
162.5°	65.2	69.0	72.3	75.8	79.1	82.2	84.9	87.4	89.6	91.7	93.6
165°	52.1	54.9	57.6	60.2	62.6	65.2	67.6	69.8	71.8	73.7	75.3
167.5°	39.5	41.5	43.4	45.6	47.6	49.5	51.2	52.8	54.2	55.7	57.0
170°	27.7	29.3	30.8	32.2	33.5	34.7	35.8	37.0	38.1	39.1	40.0
172.5°	17.7	18.5	19.2	19.9	20.5	21.4	22.1	23.2	24.1	25.0	25.8
175°	9.3	9.9	10.5	11.1	11.6	12.1	12.6	13.0	13.4	13.8	14.1
177.5°	4.6	4.7	4.8	4.9	5.0	5.0	5.1	5.1	5.2	5.2	5.2
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: P231959

CATALOG NUMBER: FVS4WM-4-LD4-50-1LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
2.5°	5.2	5.2	5.2	5.2	5.2	5.1	5.2	5.1	5.0	4.9	4.8
5°	14.5	14.7	15.0	15.2	15.3	15.4	15.5	15.6	15.9	15.7	15.5
7.5°	26.6	27.3	27.9	28.4	28.9	29.3	29.6	29.8	30.0	30.4	30.2
10°	40.7	41.8	42.8	43.7	44.4	45.0	45.5	45.9	46.1	46.7	46.4
12.5°	58.2	59.2	60.1	60.9	62.0	63.0	63.8	64.4	64.9	65.2	65.6
15°	76.9	78.2	79.4	80.3	81.1	82.1	83.1	83.8	84.3	84.6	85.1
17.5°	95.5	97.3	98.8	100.1	101.1	101.9	102.7	103.6	104.2	104.6	105.2
20°	114.3	116.3	117.9	119.3	120.4	121.2	121.8	122.4	123.1	123.6	124.3
22.5°	132.9	134.8	136.6	138.5	140.0	141.1	141.8	142.0	142.8	143.4	144.3
25°	152.4	154.9	157.2	158.7	160.0	161.1	161.8	162.3	162.6	163.3	163.5
27.5°	171.0	173.5	175.6	177.5	178.9	180.4	181.2	181.6	181.5	182.0	182.2
30°	189.6	192.4	195.1	197.2	198.4	199.3	200.1	200.6	200.5	200.7	201.1
32.5°	208.3	210.8	212.7	214.7	216.3	217.5	218.2	218.4	218.1	217.5	217.8
35°	225.4	228.2	230.7	232.7	234.4	235.4	235.7	236.0	235.9	235.4	236.3
37.5°	243.1	245.8	248.2	250.4	252.2	252.8	252.7	252.5	252.9	252.9	253.0
40°	260.0	262.4	264.6	266.9	268.3	269.1	269.2	269.0	269.3	268.9	269.3
42.5°	275.9	278.6	281.0	283.2	284.7	285.3	285.7	285.4	284.8	284.5	284.1
45°	290.3	294.0	296.4	298.8	300.1	301.6	301.5	301.3	300.7	300.3	299.1
47.5°	304.1	308.1	311.4	313.6	314.4	315.5	316.1	316.0	315.2	314.4	313.4
50°	317.5	321.6	324.8	327.2	329.2	329.9	330.2	329.9	329.4	328.7	328.1
52.5°	330.3	334.7	338.1	340.9	343.1	344.1	344.4	344.1	343.2	342.0	341.2
55°	342.4	346.7	350.6	353.5	356.0	357.2	357.4	357.1	356.3	355.1	354.8
57.5°	353.8	358.0	361.8	364.9	368.0	369.3	370.1	369.5	368.2	367.2	366.6
60°	364.3	368.6	371.9	375.6	378.8	380.5	381.4	380.8	379.7	378.9	378.2
62.5°	374.1	378.1	382.0	386.4	389.0	390.8	391.9	391.8	390.7	389.5	387.6
65°	383.4	387.9	392.0	395.5	398.4	400.6	401.7	402.0	400.5	399.3	397.7
67.5°	392.3	396.8	400.7	403.6	406.2	408.7	410.2	410.9	409.4	408.1	406.7
70°	399.6	404.7	408.9	411.2	413.7	415.8	417.5	418.3	417.8	415.9	414.9
72.5°	406.3	411.4	415.5	418.8	420.6	422.4	423.7	424.4	425.4	423.0	421.5
75°	411.8	417.1	421.3	424.3	426.5	428.2	428.7	429.9	430.2	429.8	427.7
77.5°	416.7	421.9	426.5	429.7	432.0	433.5	433.8	433.8	434.2	434.8	433.0
80°	420.5	425.7	430.1	433.5	435.8	437.9	438.5	437.7	436.5	437.6	437.5
82.5°	423.3	428.3	432.6	436.1	438.6	440.4	441.3	441.2	440.5	438.5	440.2
85°	425.2	430.4	434.4	438.0	440.3	442.0	443.0	442.8	442.5	441.3	439.1
87.5°	425.5	430.6	434.7	438.1	440.6	442.0	442.7	442.9	442.7	441.6	440.9
90°	425.5	430.2	434.8	438.1	440.1	441.4	442.7	442.1	441.4	440.1	438.1
92.5°	425.5	430.6	434.7	438.1	440.6	442.0	442.7	442.9	442.7	441.6	440.9
95°	425.2	430.4	434.4	438.0	440.3	442.0	443.0	442.8	442.5	441.3	439.1
97.5°	423.3	428.3	432.6	436.1	438.6	440.4	441.3	441.2	440.5	438.5	440.2
100°	420.5	425.7	430.1	433.5	435.8	437.9	438.5	437.7	436.5	437.6	437.5
102.5°	416.7	421.9	426.5	429.7	432.0	433.5	433.8	433.8	434.2	434.8	433.0
105°	411.8	417.1	421.3	424.3	426.5	428.2	428.7	429.9	430.2	429.8	427.7
107.5°	406.3	411.4	415.5	418.8	420.6	422.4	423.7	424.4	425.4	423.0	421.5
110°	399.6	404.7	408.9	411.2	413.7	415.8	417.5	418.3	417.8	415.9	414.9



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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°	392.3	396.8	400.7	403.6	406.2	408.7	410.2	410.9	409.4	408.1	406.7
115°	383.4	387.9	392.0	395.5	398.4	400.6	401.7	402.0	400.5	399.3	397.7
117.5°	374.1	378.1	382.0	386.4	389.0	390.8	391.9	391.8	390.7	389.5	387.6
120°	364.3	368.6	371.9	375.6	378.8	380.5	381.4	380.8	379.7	378.9	378.2
122.5°	353.8	358.0	361.8	364.9	368.0	369.3	370.1	369.5	368.2	367.2	366.6
125°	342.4	346.7	350.6	353.5	356.0	357.2	357.4	357.1	356.3	355.1	354.8
127.5°	330.3	334.7	338.1	340.9	343.1	344.1	344.4	344.1	343.2	342.0	341.2
130°	317.5	321.6	324.8	327.2	329.2	329.9	330.2	329.9	329.4	328.7	328.1
132.5°	304.1	308.1	311.4	313.6	314.4	315.5	316.1	316.0	315.2	314.4	313.4
135°	290.3	294.0	296.4	298.8	300.1	301.6	301.5	301.3	300.7	300.3	299.1
137.5°	275.9	278.6	281.0	283.2	284.7	285.3	285.7	285.4	284.8	284.5	284.1
140°	260.0	262.4	264.6	266.9	268.3	269.1	269.2	269.0	269.3	268.9	269.3
142.5°	243.1	245.8	248.2	250.4	252.2	252.8	252.7	252.5	252.9	252.9	253.0
145°	225.4	228.2	230.7	232.7	234.4	235.4	235.7	236.0	235.9	235.4	236.3
147.5°	208.3	210.8	212.7	214.7	216.3	217.5	218.2	218.4	218.1	217.5	217.8
150°	189.6	192.4	195.1	197.2	198.4	199.3	200.1	200.6	200.5	200.7	201.1
152.5°	171.0	173.5	175.6	177.5	178.9	180.4	181.2	181.6	181.5	182.0	182.2
155°	152.4	154.9	157.2	158.7	160.0	161.1	161.8	162.3	162.6	163.3	163.5
157.5°	132.9	134.8	136.6	138.5	140.0	141.1	141.8	142.0	142.8	143.4	144.3
160°	114.3	116.3	117.9	119.3	120.4	121.2	121.8	122.4	123.1	123.6	124.3
162.5°	95.5	97.3	98.8	100.1	101.1	101.9	102.7	103.6	104.2	104.6	105.2
165°	76.9	78.2	79.4	80.3	81.1	82.1	83.1	83.8	84.3	84.6	85.1
167.5°	58.2	59.2	60.1	60.9	62.0	63.0	63.8	64.4	64.9	65.2	65.6
170°	40.7	41.8	42.8	43.7	44.4	45.0	45.5	45.9	46.1	46.7	46.4
172.5°	26.6	27.3	27.9	28.4	28.9	29.3	29.6	29.8	30.0	30.4	30.2
175°	14.5	14.7	15.0	15.2	15.3	15.4	15.5	15.6	15.9	15.7	15.5
177.5°	5.2	5.2	5.2	5.2	5.2	5.1	5.2	5.1	5.0	4.9	4.8
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	0.7	0.7
2.5°	4.7	4.6
5°	15.4	15.2
7.5°	30.0	29.8
10°	46.0	45.7
12.5°	65.3	64.9
15°	84.5	84.0
17.5°	104.5	103.9
20°	123.7	123.1
22.5°	143.6	142.9
25°	163.6	162.8
27.5°	182.2	181.3
30°	201.3	200.5
32.5°	217.9	217.1
35°	237.1	236.9
37.5°	253.1	252.1
40°	271.6	272.7
42.5°	285.6	285.9
45°	300.4	300.4
47.5°	315.5	317.0
50°	330.2	332.2
52.5°	341.7	342.1
55°	355.4	355.4
57.5°	367.0	368.6
60°	378.4	377.9
62.5°	388.7	389.1
65°	398.6	399.1
67.5°	407.2	408.3
70°	415.4	415.6
72.5°	422.4	423.5
75°	427.9	429.5
77.5°	433.1	435.4
80°	437.0	438.8
82.5°	440.2	442.7
85°	442.9	444.7
87.5°	440.5	446.0
90°	438.1	442.1
92.5°	440.5	446.0
95°	442.9	444.7
97.5°	440.2	442.7
100°	437.0	438.8
102.5°	433.1	435.4
105°	427.9	429.5
107.5°	422.4	423.5
110°	415.4	415.6



TEST NUMBER: P231959

CATALOG NUMBER: FVS4WM-4-LD4-50-1LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	407.2	408.3
115°	398.6	399.1
117.5°	388.7	389.1
120°	378.4	377.9
122.5°	367.0	368.6
125°	355.4	355.4
127.5°	341.7	342.1
130°	330.2	332.2
132.5°	315.5	317.0
135°	300.4	300.4
137.5°	285.6	285.9
140°	271.6	272.7
142.5°	253.1	252.1
145°	237.1	236.9
147.5°	217.9	217.1
150°	201.3	200.5
152.5°	182.2	181.3
155°	163.6	162.8
157.5°	143.6	142.9
160°	123.7	123.1
162.5°	104.5	103.9
165°	84.5	84.0
167.5°	65.3	64.9
170°	46.0	45.7
172.5°	30.0	29.8
175°	15.4	15.2
177.5°	4.7	4.6
180°	0.0	0.0

(END OF REPORT)