

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: P231924

Luminaire Tested: **FVS4WM-2-LD4-30-2STD-PFS125-UNV-EDC1**

Issue Date: 3/3/2020



Test Information

Test Method: LM-79-08
Report Number: P231924
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1706-121-9)
Test Lab: INNOVATION CENTER(G3)
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: FAIL-SAFE
Catalog Number: FVS4WM-2-LD4-30-2STD-PFS125-UNV-EDC1
Description: FAILSAFE FVS LED FIXTURE
2FT LENGTH, 2-MODULE LED WITH PFS125 LENS
Light Source: (84) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

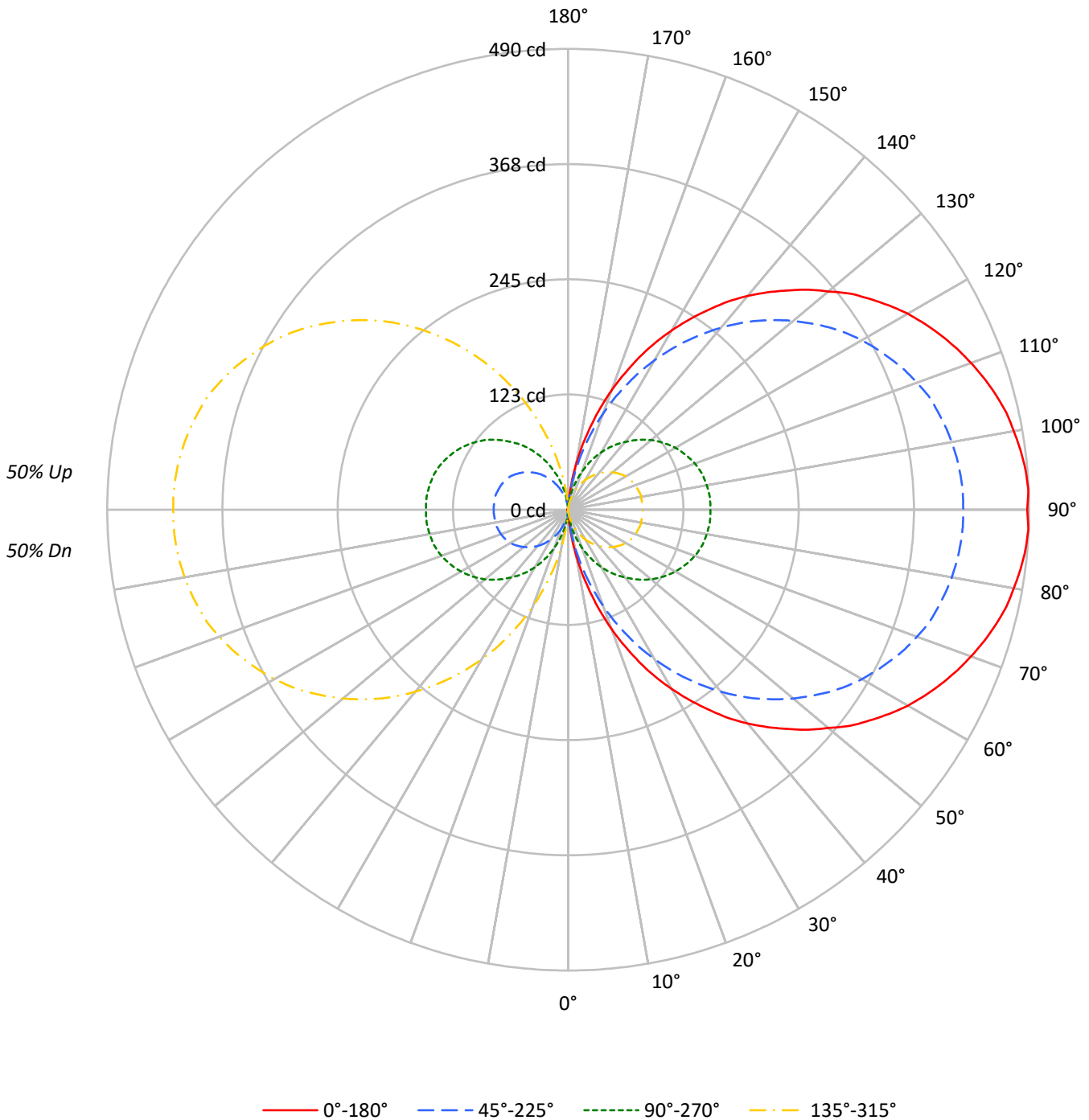
Lumens per Lamp: N/A
Luminaire Lumens: 2189.4 lumens
Efficiency: N/A
Efficacy: 64.6 lumens/watt
Spacing Criteria (0/90/45): - / - / -
Luminous Opening: Rectangular w/ Sides (W: 1.92' x L: 0.19' x H: 0.31')
CIE Type: General Diffuse

Input Watts (W): 33.9
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





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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	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	72	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	43	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	30	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°	0	0	0	0
5°	412	163	0	163
10°	1178	488	0	488
15°	1948	885	0	885
20°	2688	1297	0	1297
25°	3321	1757	0	1757
30°	3879	2228	0	2228
35°	4375	2724	0	2724
40°	4840	3233	0	3233
45°	5239	3824	0	3824
50°	5634	4495	0	4495
55°	6039	5244	0	5244
60°	6424	6147	0	6147
65°	6785	7241	12	7241
70°	7156	8673	13	8673
75°	7546	10598	0	10598
80°	7938	13407	0	13407
85°	8364	18145	0	18145



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1.2	0.1
10°-20°	12.2	0.6
20°-30°	38.0	1.7
30°-40°	75.7	3.5
40°-50°	119.8	5.5
50°-60°	164.5	7.5
60°-70°	203.9	9.3
70°-80°	232.6	10.6
80°-90°	246.8	11.3
90°-100°	246.8	11.3
100°-110°	232.6	10.6
110°-120°	203.9	9.3
120°-130°	164.5	7.5
130°-140°	119.8	5.5
140°-150°	75.7	3.5
150°-160°	38.0	1.7
160°-170°	12.2	0.6
170°-180°	1.2	0.1
0°-30°	51.4	2.3
0°-40°	127.0	5.8
0°-60°	411.4	18.8
0°-90°	1094.7	50.0
90°-120°	683.3	31.2
90°-150°	1043.3	47.7
90°-180°	1095.0	50.0
0°-180°	2189.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	0	0	0	0	0	
5°	16	6	0	6	16	3
15°	91	30	0	30	91	27
25°	179	57	0	57	179	84
35°	259	83	0	83	259	164
45°	330	105	0	105	330	256
55°	391	124	0	124	391	351
65°	438	138	1	138	438	434
75°	471	147	0	147	471	497
85°	488	151	0	151	488	397
90°	488	151	0	151	488	268
95°	488	151	0	151	488	397
105°	471	147	0	147	471	497
115°	438	138	1	138	438	434
125°	391	124	0	124	391	351
135°	330	105	0	105	330	256
145°	259	83	0	83	259	164
155°	179	57	0	57	179	84
165°	91	30	0	30	91	27
175°	16	6	0	6	16	3
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°	5.5	5.6	5.7	5.9	6.0	6.1	6.2	6.1	6.1	6.1	6.1
5°	15.7	15.9	16.2	16.4	16.7	16.4	16.4	16.4	16.4	16.3	16.1
7.5°	31.3	31.7	32.0	32.4	32.0	32.0	31.8	31.6	31.3	30.9	30.4
10°	50.1	50.5	50.9	51.3	50.6	50.4	50.0	49.5	48.9	48.1	47.3
12.5°	70.5	71.0	71.5	71.2	71.0	70.6	70.1	69.3	68.3	67.2	66.3
15°	90.9	91.5	92.2	91.7	91.5	91.1	90.4	89.4	88.5	87.8	86.9
17.5°	112.8	113.5	114.3	113.7	113.3	112.7	111.8	111.0	110.3	109.3	108.0
20°	135.5	136.1	136.7	135.7	135.1	134.2	133.4	132.8	132.0	130.9	129.6
22.5°	156.7	157.5	158.3	157.4	156.8	155.9	155.5	154.6	153.4	151.8	149.7
25°	178.6	179.2	178.9	178.4	177.5	177.2	177.0	176.3	175.2	173.6	172.1
27.5°	199.8	200.2	199.6	198.9	197.9	198.1	197.9	197.2	196.0	194.9	193.1
30°	220.1	220.6	220.0	219.2	218.9	219.0	218.6	217.6	216.7	215.4	213.6
32.5°	239.7	240.2	239.6	238.8	239.2	239.5	239.1	238.4	237.2	235.4	233.2
35°	259.3	259.6	258.7	257.9	258.6	258.9	258.7	258.5	257.8	256.0	253.5
37.5°	278.9	278.9	277.6	277.2	277.9	278.0	277.8	277.1	276.0	274.8	272.8
40°	296.9	296.6	295.0	295.1	295.9	296.2	296.4	295.9	294.8	293.3	291.4
42.5°	313.4	313.4	312.0	312.9	313.6	313.9	313.9	313.3	312.4	310.8	308.7
45°	329.8	329.8	328.4	329.4	330.0	330.8	330.9	331.2	329.5	328.3	327.4
47.5°	346.3	346.3	345.1	345.8	346.2	346.7	346.8	346.3	345.4	344.3	342.9
50°	361.1	361.1	360.3	360.9	361.7	362.4	362.6	362.0	360.8	359.1	357.0
52.5°	377.6	376.6	375.3	375.4	376.7	377.4	377.4	376.9	375.9	375.0	372.6
55°	390.9	389.8	388.7	389.0	391.1	392.0	391.8	391.3	390.1	388.9	388.5
57.5°	404.2	403.6	402.4	402.8	404.5	405.4	405.5	404.8	404.1	401.5	399.1
60°	416.8	415.4	414.6	415.6	416.9	417.7	418.0	417.4	416.0	414.2	411.5
62.5°	427.7	426.4	425.8	427.1	428.6	429.7	429.8	429.5	427.8	425.6	422.8
65°	437.9	437.4	436.4	437.7	439.2	440.7	440.7	440.3	438.7	436.4	433.3
67.5°	447.3	446.0	445.7	447.0	448.9	450.3	450.4	449.9	448.4	445.9	442.6
70°	455.9	454.6	453.9	455.2	457.7	458.8	459.1	458.8	457.0	454.8	451.7
72.5°	463.8	462.5	461.4	463.6	465.4	466.5	467.1	466.7	464.9	462.4	459.5
75°	470.8	469.3	468.7	470.5	472.5	473.4	473.6	473.4	472.1	469.2	465.6
77.5°	477.1	475.5	474.6	476.3	478.1	478.9	479.6	478.7	477.2	475.0	471.2
80°	481.0	479.6	479.5	481.5	483.0	483.5	483.8	483.1	481.3	478.7	475.2
82.5°	484.9	483.6	483.4	484.7	486.2	486.5	486.4	485.4	483.8	481.3	477.9
85°	488.0	486.9	486.0	486.6	487.6	487.9	487.8	486.9	485.2	483.0	479.9
87.5°	489.6	488.2	486.1	486.0	487.3	488.0	487.9	487.2	485.9	483.9	480.8
90°	488.0	483.3	482.6	484.1	486.5	487.3	487.3	487.3	485.7	484.1	481.0
92.5°	489.6	488.2	486.1	486.0	487.3	488.0	487.9	487.2	485.9	483.9	480.8
95°	488.0	486.9	486.0	486.6	487.6	487.9	487.8	486.9	485.2	483.0	479.9
97.5°	484.9	483.6	483.4	484.7	486.2	486.5	486.4	485.4	483.8	481.3	477.9
100°	481.0	479.6	479.5	481.5	483.0	483.5	483.8	483.1	481.3	478.7	475.2
102.5°	477.1	475.5	474.6	476.3	478.1	478.9	479.6	478.7	477.2	475.0	471.2
105°	470.8	469.3	468.7	470.5	472.5	473.4	473.6	473.4	472.1	469.2	465.6
107.5°	463.8	462.5	461.4	463.6	465.4	466.5	467.1	466.7	464.9	462.4	459.5
110°	455.9	454.6	453.9	455.2	457.7	458.8	459.1	458.8	457.0	454.8	451.7



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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°	447.3	446.0	445.7	447.0	448.9	450.3	450.4	449.9	448.4	445.9	442.6
115°	437.9	437.4	436.4	437.7	439.2	440.7	440.7	440.3	438.7	436.4	433.3
117.5°	427.7	426.4	425.8	427.1	428.6	429.7	429.8	429.5	427.8	425.6	422.8
120°	416.8	415.4	414.6	415.6	416.9	417.7	418.0	417.4	416.0	414.2	411.5
122.5°	404.2	403.6	402.4	402.8	404.5	405.4	405.5	404.8	404.1	401.5	399.1
125°	390.9	389.8	388.7	389.0	391.1	392.0	391.8	391.3	390.1	388.9	388.5
127.5°	377.6	376.6	375.3	375.4	376.7	377.4	377.4	376.9	375.9	375.0	372.6
130°	361.1	361.1	360.3	360.9	361.7	362.4	362.6	362.0	360.8	359.1	357.0
132.5°	346.3	346.3	345.1	345.8	346.2	346.7	346.8	346.3	345.4	344.3	342.9
135°	329.8	329.8	328.4	329.4	330.0	330.8	330.9	331.2	329.5	328.3	327.4
137.5°	313.4	313.4	312.0	312.9	313.6	313.9	313.9	313.3	312.4	310.8	308.7
140°	296.9	296.6	295.0	295.1	295.9	296.2	296.4	295.9	294.8	293.3	291.4
142.5°	278.9	278.9	277.6	277.2	277.9	278.0	277.8	277.1	276.0	274.8	272.8
145°	259.3	259.6	258.7	257.9	258.6	258.9	258.7	258.5	257.8	256.0	253.5
147.5°	239.7	240.2	239.6	238.8	239.2	239.5	239.1	238.4	237.2	235.4	233.2
150°	220.1	220.6	220.0	219.2	218.9	219.0	218.6	217.6	216.7	215.4	213.6
152.5°	199.8	200.2	199.6	198.9	197.9	198.1	197.9	197.2	196.0	194.9	193.1
155°	178.6	179.2	178.9	178.4	177.5	177.2	177.0	176.3	175.2	173.6	172.1
157.5°	156.7	157.5	158.3	157.4	156.8	155.9	155.5	154.6	153.4	151.8	149.7
160°	135.5	136.1	136.7	135.7	135.1	134.2	133.4	132.8	132.0	130.9	129.6
162.5°	112.8	113.5	114.3	113.7	113.3	112.7	111.8	111.0	110.3	109.3	108.0
165°	90.9	91.5	92.2	91.7	91.5	91.1	90.4	89.4	88.5	87.8	86.9
167.5°	70.5	71.0	71.5	71.2	71.0	70.6	70.1	69.3	68.3	67.2	66.3
170°	50.1	50.5	50.9	51.3	50.6	50.4	50.0	49.5	48.9	48.1	47.3
172.5°	31.3	31.7	32.0	32.4	32.0	32.0	31.8	31.6	31.3	30.9	30.4
175°	15.7	15.9	16.2	16.4	16.7	16.4	16.4	16.4	16.4	16.3	16.1
177.5°	5.5	5.6	5.7	5.9	6.0	6.1	6.2	6.1	6.1	6.1	6.1
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°	6.1	6.1	6.1	6.1	6.0	6.0	5.9	5.8	5.7	5.6	5.5
5°	15.9	15.7	15.5	15.2	14.8	14.5	14.1	13.6	13.1	12.6	12.1
7.5°	29.8	29.1	28.4	27.6	26.6	25.6	24.5	23.7	22.8	22.1	21.5
10°	46.2	45.1	44.3	43.4	42.3	41.1	39.8	38.6	37.3	35.9	34.4
12.5°	65.3	64.2	62.9	61.4	59.9	58.4	56.7	54.8	52.8	50.6	48.3
15°	85.7	84.3	82.6	80.8	78.8	76.6	74.3	71.9	69.3	66.8	64.2
17.5°	106.4	104.5	102.5	100.4	98.3	95.8	93.0	90.1	87.0	83.7	80.2
20°	128.0	126.0	123.8	121.3	118.6	115.8	112.6	109.1	105.2	101.1	97.1
22.5°	148.2	146.6	144.3	141.6	138.3	134.9	131.6	127.8	123.7	119.0	114.2
25°	170.2	167.9	165.4	162.6	159.0	155.1	150.8	146.4	141.7	136.4	131.7
27.5°	190.9	188.4	185.7	182.6	178.8	174.6	170.8	165.2	160.0	154.4	148.5
30°	211.2	208.5	205.8	201.9	198.0	193.7	188.8	183.5	177.9	171.8	165.3
32.5°	231.3	228.9	225.6	221.4	217.0	212.2	207.0	201.4	195.3	188.9	181.8
35°	250.6	247.6	244.3	240.6	236.0	230.6	224.9	218.8	212.2	205.2	197.8
37.5°	269.9	266.5	262.7	258.9	253.5	248.5	242.5	236.0	229.0	221.4	213.5
40°	288.8	285.0	281.1	276.4	271.3	265.8	259.5	252.6	245.2	237.2	228.9
42.5°	305.7	302.3	298.3	293.6	288.9	282.4	276.1	268.7	260.9	252.4	243.5
45°	324.2	319.2	314.9	310.2	304.4	298.2	291.4	284.1	275.7	266.8	257.4
47.5°	340.3	336.1	331.0	325.9	319.9	313.3	306.2	298.4	289.9	280.5	270.8
50°	354.0	350.2	345.9	340.7	335.5	327.8	320.0	312.3	303.3	293.7	283.9
52.5°	368.3	364.3	359.9	354.4	348.5	343.0	333.8	325.3	316.8	306.1	295.9
55°	384.2	378.0	373.0	367.4	361.1	354.6	347.2	338.2	328.4	318.0	307.7
57.5°	396.9	391.7	385.8	379.6	373.2	366.7	358.7	349.8	340.1	329.2	318.0
60°	407.9	403.0	397.5	390.9	384.5	377.5	369.6	360.4	350.4	339.6	328.4
62.5°	418.9	414.0	408.6	402.4	395.8	388.0	379.2	369.9	359.9	349.0	337.5
65°	429.2	424.2	418.8	412.6	405.3	397.2	388.3	378.8	368.7	357.6	345.7
67.5°	439.1	433.8	427.9	421.2	414.2	405.7	396.8	387.4	376.7	365.2	352.8
70°	447.5	442.2	437.0	429.2	421.9	413.4	404.2	394.6	383.6	372.1	359.3
72.5°	454.9	449.4	443.6	436.3	428.3	419.8	410.7	401.7	389.8	378.2	365.6
75°	460.8	455.5	449.0	441.8	434.1	425.4	416.0	406.3	395.4	383.5	370.9
77.5°	466.5	461.0	454.2	447.1	439.2	430.3	420.6	410.5	399.6	387.7	375.3
80°	470.8	465.2	458.4	451.0	442.7	433.9	424.5	414.0	403.1	391.0	378.4
82.5°	473.3	467.7	461.0	453.8	445.5	436.8	427.4	416.8	405.8	393.6	381.0
85°	475.3	469.7	462.9	455.7	447.4	438.6	429.5	418.6	407.6	395.2	382.7
87.5°	476.1	470.8	464.5	456.8	448.9	439.7	430.9	419.9	408.9	396.7	383.9
90°	476.3	471.6	464.5	457.5	448.9	440.3	430.9	419.9	408.9	397.2	383.9
92.5°	476.1	470.8	464.5	456.8	448.9	439.7	430.9	419.9	408.9	396.7	383.9
95°	475.3	469.7	462.9	455.7	447.4	438.6	429.5	418.6	407.6	395.2	382.7
97.5°	473.3	467.7	461.0	453.8	445.5	436.8	427.4	416.8	405.8	393.6	381.0
100°	470.8	465.2	458.4	451.0	442.7	433.9	424.5	414.0	403.1	391.0	378.4
102.5°	466.5	461.0	454.2	447.1	439.2	430.3	420.6	410.5	399.6	387.7	375.3
105°	460.8	455.5	449.0	441.8	434.1	425.4	416.0	406.3	395.4	383.5	370.9
107.5°	454.9	449.4	443.6	436.3	428.3	419.8	410.7	401.7	389.8	378.2	365.6
110°	447.5	442.2	437.0	429.2	421.9	413.4	404.2	394.6	383.6	372.1	359.3



TEST NUMBER: P231924

CATALOG NUMBER: FVS4WM-2-LD4-30-2STD-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°	439.1	433.8	427.9	421.2	414.2	405.7	396.8	387.4	376.7	365.2	352.8
115°	429.2	424.2	418.8	412.6	405.3	397.2	388.3	378.8	368.7	357.6	345.7
117.5°	418.9	414.0	408.6	402.4	395.8	388.0	379.2	369.9	359.9	349.0	337.5
120°	407.9	403.0	397.5	390.9	384.5	377.5	369.6	360.4	350.4	339.6	328.4
122.5°	396.9	391.7	385.8	379.6	373.2	366.7	358.7	349.8	340.1	329.2	318.0
125°	384.2	378.0	373.0	367.4	361.1	354.6	347.2	338.2	328.4	318.0	307.7
127.5°	368.3	364.3	359.9	354.4	348.5	343.0	333.8	325.3	316.8	306.1	295.9
130°	354.0	350.2	345.9	340.7	335.5	327.8	320.0	312.3	303.3	293.7	283.9
132.5°	340.3	336.1	331.0	325.9	319.9	313.3	306.2	298.4	289.9	280.5	270.8
135°	324.2	319.2	314.9	310.2	304.4	298.2	291.4	284.1	275.7	266.8	257.4
137.5°	305.7	302.3	298.3	293.6	288.9	282.4	276.1	268.7	260.9	252.4	243.5
140°	288.8	285.0	281.1	276.4	271.3	265.8	259.5	252.6	245.2	237.2	228.9
142.5°	269.9	266.5	262.7	258.9	253.5	248.5	242.5	236.0	229.0	221.4	213.5
145°	250.6	247.6	244.3	240.6	236.0	230.6	224.9	218.8	212.2	205.2	197.8
147.5°	231.3	228.9	225.6	221.4	217.0	212.2	207.0	201.4	195.3	188.9	181.8
150°	211.2	208.5	205.8	201.9	198.0	193.7	188.8	183.5	177.9	171.8	165.3
152.5°	190.9	188.4	185.7	182.6	178.8	174.6	170.8	165.2	160.0	154.4	148.5
155°	170.2	167.9	165.4	162.6	159.0	155.1	150.8	146.4	141.7	136.4	131.7
157.5°	148.2	146.6	144.3	141.6	138.3	134.9	131.6	127.8	123.7	119.0	114.2
160°	128.0	126.0	123.8	121.3	118.6	115.8	112.6	109.1	105.2	101.1	97.1
162.5°	106.4	104.5	102.5	100.4	98.3	95.8	93.0	90.1	87.0	83.7	80.2
165°	85.7	84.3	82.6	80.8	78.8	76.6	74.3	71.9	69.3	66.8	64.2
167.5°	65.3	64.2	62.9	61.4	59.9	58.4	56.7	54.8	52.8	50.6	48.3
170°	46.2	45.1	44.3	43.4	42.3	41.1	39.8	38.6	37.3	35.9	34.4
172.5°	29.8	29.1	28.4	27.6	26.6	25.6	24.5	23.7	22.8	22.1	21.5
175°	15.9	15.7	15.5	15.2	14.8	14.5	14.1	13.6	13.1	12.6	12.1
177.5°	6.1	6.1	6.1	6.1	6.0	6.0	5.9	5.8	5.7	5.6	5.5
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: P231924

CATALOG NUMBER: FVS4WM-2-LD4-30-2STD-PFS125-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°	5.4	5.3	5.1	5.0	4.8	4.6	4.5	4.3	4.1	3.9	3.7
5°	11.5	10.9	10.3	10.0	9.6	9.3	8.9	8.6	8.2	7.7	7.3
7.5°	20.8	20.0	19.2	18.4	17.4	16.5	15.4	14.9	14.4	13.9	13.4
10°	32.7	31.0	29.2	28.0	26.7	25.3	23.9	22.4	20.8	20.1	19.4
12.5°	46.3	44.2	42.1	39.8	37.5	35.5	33.8	32.0	30.2	28.2	27.0
15°	61.4	58.5	56.0	52.9	50.1	47.2	44.2	42.0	39.8	37.4	35.0
17.5°	77.0	73.2	69.7	66.1	62.4	59.1	55.6	51.9	49.0	46.3	43.4
20°	92.9	88.4	83.9	79.7	75.4	70.8	66.8	62.6	58.3	55.0	51.8
22.5°	109.3	104.3	99.0	93.5	88.4	83.3	77.9	73.2	68.4	63.8	60.2
25°	125.7	120.1	114.2	108.1	101.7	95.7	89.8	83.8	78.5	73.0	68.5
27.5°	142.4	136.1	129.5	122.5	115.5	108.3	101.6	94.8	88.5	82.6	77.1
30°	158.7	151.8	144.4	136.7	128.9	121.4	113.7	106.2	98.8	92.2	85.9
32.5°	174.5	166.8	158.8	150.5	142.0	133.7	125.5	117.1	108.6	101.1	94.0
35°	190.0	181.9	173.2	164.2	155.1	145.8	136.7	127.8	118.5	109.8	102.0
37.5°	205.4	196.6	187.3	177.7	168.7	158.0	147.9	137.8	128.0	118.4	110.0
40°	220.3	211.4	201.2	190.8	180.2	169.6	159.3	148.3	137.4	127.2	117.8
42.5°	234.3	224.7	214.6	203.7	192.4	180.7	169.9	158.5	146.4	135.4	125.1
45°	247.8	237.9	227.1	215.7	203.7	191.6	179.8	167.9	155.5	143.4	132.1
47.5°	260.7	250.3	239.1	227.7	214.4	202.0	189.6	176.7	163.7	150.9	138.9
50°	273.4	262.3	250.7	237.8	224.7	211.7	199.1	185.2	171.3	158.0	145.8
52.5°	285.2	273.1	260.8	247.9	234.6	221.1	207.8	193.4	178.7	164.6	152.0
55°	296.3	283.9	270.9	257.8	244.0	230.0	215.7	200.9	186.0	171.3	158.1
57.5°	306.5	294.3	281.3	267.4	253.2	238.6	223.5	207.9	192.9	177.6	163.7
60°	316.4	303.9	290.0	276.1	261.7	246.5	230.7	214.5	199.3	183.7	169.1
62.5°	324.7	311.9	298.2	283.9	269.9	254.1	237.5	221.0	205.2	189.1	173.8
65°	332.6	319.3	305.8	290.6	276.1	260.7	243.9	227.2	210.7	194.1	178.2
67.5°	339.8	326.2	312.9	297.1	281.8	266.4	249.5	232.4	215.4	198.5	182.2
70°	346.4	332.6	318.5	302.9	287.2	271.0	254.1	237.0	219.6	202.5	186.1
72.5°	352.4	338.4	323.7	308.1	292.1	275.4	258.1	240.9	223.4	205.7	188.7
75°	357.2	342.9	328.1	312.5	296.4	279.3	261.9	244.2	226.8	208.8	191.1
77.5°	361.4	346.7	332.0	316.2	300.1	282.8	265.1	247.2	229.3	211.1	193.4
80°	364.3	349.9	335.2	319.2	303.0	285.9	267.7	249.9	231.5	213.1	195.5
82.5°	366.5	352.6	337.6	321.6	305.0	287.9	269.9	251.7	232.8	214.6	197.4
85°	368.6	354.5	339.1	323.3	306.3	289.8	272.5	253.7	234.2	216.2	198.2
87.5°	369.8	356.0	340.3	324.0	307.5	289.9	272.6	253.8	234.6	217.0	198.2
90°	369.8	356.4	340.8	323.5	307.9	289.9	272.6	253.8	235.0	217.8	198.2
92.5°	369.8	356.0	340.3	324.0	307.5	289.9	272.6	253.8	234.6	217.0	198.2
95°	368.6	354.5	339.1	323.3	306.3	289.8	272.5	253.7	234.2	216.2	198.2
97.5°	366.5	352.6	337.6	321.6	305.0	287.9	269.9	251.7	232.8	214.6	197.4
100°	364.3	349.9	335.2	319.2	303.0	285.9	267.7	249.9	231.5	213.1	195.5
102.5°	361.4	346.7	332.0	316.2	300.1	282.8	265.1	247.2	229.3	211.1	193.4
105°	357.2	342.9	328.1	312.5	296.4	279.3	261.9	244.2	226.8	208.8	191.1
107.5°	352.4	338.4	323.7	308.1	292.1	275.4	258.1	240.9	223.4	205.7	188.7
110°	346.4	332.6	318.5	302.9	287.2	271.0	254.1	237.0	219.6	202.5	186.1



TEST NUMBER: P231924

CATALOG NUMBER: FVS4WM-2-LD4-30-2STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	339.8	326.2	312.9	297.1	281.8	266.4	249.5	232.4	215.4	198.5	182.2
115°	332.6	319.3	305.8	290.6	276.1	260.7	243.9	227.2	210.7	194.1	178.2
117.5°	324.7	311.9	298.2	283.9	269.9	254.1	237.5	221.0	205.2	189.1	173.8
120°	316.4	303.9	290.0	276.1	261.7	246.5	230.7	214.5	199.3	183.7	169.1
122.5°	306.5	294.3	281.3	267.4	253.2	238.6	223.5	207.9	192.9	177.6	163.7
125°	296.3	283.9	270.9	257.8	244.0	230.0	215.7	200.9	186.0	171.3	158.1
127.5°	285.2	273.1	260.8	247.9	234.6	221.1	207.8	193.4	178.7	164.6	152.0
130°	273.4	262.3	250.7	237.8	224.7	211.7	199.1	185.2	171.3	158.0	145.8
132.5°	260.7	250.3	239.1	227.7	214.4	202.0	189.6	176.7	163.7	150.9	138.9
135°	247.8	237.9	227.1	215.7	203.7	191.6	179.8	167.9	155.5	143.4	132.1
137.5°	234.3	224.7	214.6	203.7	192.4	180.7	169.9	158.5	146.4	135.4	125.1
140°	220.3	211.4	201.2	190.8	180.2	169.6	159.3	148.3	137.4	127.2	117.8
142.5°	205.4	196.6	187.3	177.7	168.7	158.0	147.9	137.8	128.0	118.4	110.0
145°	190.0	181.9	173.2	164.2	155.1	145.8	136.7	127.8	118.5	109.8	102.0
147.5°	174.5	166.8	158.8	150.5	142.0	133.7	125.5	117.1	108.6	101.1	94.0
150°	158.7	151.8	144.4	136.7	128.9	121.4	113.7	106.2	98.8	92.2	85.9
152.5°	142.4	136.1	129.5	122.5	115.5	108.3	101.6	94.8	88.5	82.6	77.1
155°	125.7	120.1	114.2	108.1	101.7	95.7	89.8	83.8	78.5	73.0	68.5
157.5°	109.3	104.3	99.0	93.5	88.4	83.3	77.9	73.2	68.4	63.8	60.2
160°	92.9	88.4	83.9	79.7	75.4	70.8	66.8	62.6	58.3	55.0	51.8
162.5°	77.0	73.2	69.7	66.1	62.4	59.1	55.6	51.9	49.0	46.3	43.4
165°	61.4	58.5	56.0	52.9	50.1	47.2	44.2	42.0	39.8	37.4	35.0
167.5°	46.3	44.2	42.1	39.8	37.5	35.5	33.8	32.0	30.2	28.2	27.0
170°	32.7	31.0	29.2	28.0	26.7	25.3	23.9	22.4	20.8	20.1	19.4
172.5°	20.8	20.0	19.2	18.4	17.4	16.5	15.4	14.9	14.4	13.9	13.4
175°	11.5	10.9	10.3	10.0	9.6	9.3	8.9	8.6	8.2	7.7	7.3
177.5°	5.4	5.3	5.1	5.0	4.8	4.6	4.5	4.3	4.1	3.9	3.7
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: P231924

CATALOG NUMBER: FVS4WM-2-LD4-30-2STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	3.4	3.2	3.0	2.8	2.7	2.7	2.7	2.6	2.6	2.6	2.5
5°	6.9	6.4	6.0	5.5	5.4	5.3	5.2	5.1	5.0	4.9	4.8
7.5°	12.9	12.3	11.7	11.0	10.8	10.6	10.4	10.1	9.9	9.5	9.2
10°	18.8	18.1	17.3	16.5	16.2	15.9	15.5	15.1	14.6	14.2	13.8
12.5°	26.2	25.2	24.2	23.2	22.7	22.2	21.6	21.0	20.4	19.9	19.4
15°	33.7	32.5	31.2	29.8	29.1	28.4	27.6	26.9	26.3	25.7	25.1
17.5°	41.0	39.6	38.1	36.5	35.8	35.1	34.3	33.5	32.8	32.0	31.2
20°	48.4	46.7	44.9	43.1	42.5	41.8	41.1	40.2	39.3	38.3	37.2
22.5°	56.4	53.8	52.0	50.2	49.3	48.4	47.5	46.5	45.5	44.4	43.3
25°	64.3	60.9	59.1	57.2	56.1	54.9	53.9	52.9	51.8	50.8	49.7
27.5°	72.4	67.9	66.0	63.9	62.7	61.4	60.4	59.2	58.1	57.0	55.6
30°	80.5	74.9	72.8	70.5	69.3	67.9	66.8	65.6	64.3	62.9	61.3
32.5°	87.9	82.0	79.2	76.8	75.5	74.1	72.9	71.6	70.3	68.7	67.0
35°	95.0	89.1	85.6	83.0	81.6	80.2	79.0	77.6	76.2	74.3	72.3
37.5°	102.2	96.0	91.8	88.5	87.3	86.0	84.7	83.2	81.6	79.5	77.4
40°	109.2	102.9	98.0	94.0	92.9	91.7	90.4	88.6	86.6	84.4	82.5
42.5°	115.8	108.9	103.4	99.5	98.1	96.8	95.5	93.7	91.6	89.5	87.5
45°	122.5	114.8	108.8	105.0	103.2	101.8	100.4	98.8	96.7	94.5	92.2
47.5°	128.7	120.2	113.8	110.1	108.3	106.6	105.0	103.5	101.3	99.0	96.6
50°	134.7	125.5	118.7	115.2	113.3	111.4	109.6	107.9	105.7	103.3	100.7
52.5°	140.3	130.6	123.5	119.5	117.6	115.8	114.0	112.1	109.8	107.3	104.5
55°	145.8	135.6	128.3	123.8	121.8	120.3	118.4	116.2	113.8	110.9	108.2
57.5°	151.0	140.3	132.3	127.7	125.7	123.9	122.0	119.8	117.2	114.4	111.8
60°	156.2	145.0	136.3	131.6	129.6	127.4	125.6	123.3	120.6	118.0	115.0
62.5°	160.1	148.3	139.6	134.8	132.6	130.5	128.7	126.3	123.6	121.0	117.8
65°	164.0	151.5	142.9	137.9	135.7	133.5	131.8	129.2	126.6	123.8	120.7
67.5°	167.5	154.6	145.7	140.7	138.4	136.2	134.5	131.9	129.0	126.1	123.0
70°	171.0	157.7	148.5	143.4	141.1	138.9	137.2	134.4	131.3	128.2	125.1
72.5°	173.3	160.0	150.5	145.4	142.7	140.8	138.8	136.3	133.2	130.1	126.8
75°	175.5	162.2	152.8	147.3	144.2	142.7	140.4	138.0	135.0	131.9	128.2
77.5°	177.5	163.6	153.9	148.5	145.8	144.2	141.9	139.2	136.1	133.0	129.5
80°	179.5	165.3	155.1	149.6	147.3	145.7	143.5	140.3	137.2	134.1	130.9
82.5°	180.6	166.1	155.9	150.4	148.1	146.1	144.2	141.1	138.0	134.8	131.4
85°	181.0	166.9	156.7	151.2	148.8	146.5	144.9	141.8	138.7	135.5	131.7
87.5°	181.3	166.9	156.7	151.2	148.8	146.9	144.9	142.2	138.7	135.5	132.0
90°	181.7	166.9	156.7	151.2	148.8	147.3	144.9	142.6	138.7	135.5	132.4
92.5°	181.3	166.9	156.7	151.2	148.8	146.9	144.9	142.2	138.7	135.5	132.0
95°	181.0	166.9	156.7	151.2	148.8	146.5	144.9	141.8	138.7	135.5	131.7
97.5°	180.6	166.1	155.9	150.4	148.1	146.1	144.2	141.1	138.0	134.8	131.4
100°	179.5	165.3	155.1	149.6	147.3	145.7	143.5	140.3	137.2	134.1	130.9
102.5°	177.5	163.6	153.9	148.5	145.8	144.2	141.9	139.2	136.1	133.0	129.5
105°	175.5	162.2	152.8	147.3	144.2	142.7	140.4	138.0	135.0	131.9	128.2
107.5°	173.3	160.0	150.5	145.4	142.7	140.8	138.8	136.3	133.2	130.1	126.8
110°	171.0	157.7	148.5	143.4	141.1	138.9	137.2	134.4	131.3	128.2	125.1



TEST NUMBER: P231924

CATALOG NUMBER: FVS4WM-2-LD4-30-2STD-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°	167.5	154.6	145.7	140.7	138.4	136.2	134.5	131.9	129.0	126.1	123.0
115°	164.0	151.5	142.9	137.9	135.7	133.5	131.8	129.2	126.6	123.8	120.7
117.5°	160.1	148.3	139.6	134.8	132.6	130.5	128.7	126.3	123.6	121.0	117.8
120°	156.2	145.0	136.3	131.6	129.6	127.4	125.6	123.3	120.6	118.0	115.0
122.5°	151.0	140.3	132.3	127.7	125.7	123.9	122.0	119.8	117.2	114.4	111.8
125°	145.8	135.6	128.3	123.8	121.8	120.3	118.4	116.2	113.8	110.9	108.2
127.5°	140.3	130.6	123.5	119.5	117.6	115.8	114.0	112.1	109.8	107.3	104.5
130°	134.7	125.5	118.7	115.2	113.3	111.4	109.6	107.9	105.7	103.3	100.7
132.5°	128.7	120.2	113.8	110.1	108.3	106.6	105.0	103.5	101.3	99.0	96.6
135°	122.5	114.8	108.8	105.0	103.2	101.8	100.4	98.8	96.7	94.5	92.2
137.5°	115.8	108.9	103.4	99.5	98.1	96.8	95.5	93.7	91.6	89.5	87.5
140°	109.2	102.9	98.0	94.0	92.9	91.7	90.4	88.6	86.6	84.4	82.5
142.5°	102.2	96.0	91.8	88.5	87.3	86.0	84.7	83.2	81.6	79.5	77.4
145°	95.0	89.1	85.6	83.0	81.6	80.2	79.0	77.6	76.2	74.3	72.3
147.5°	87.9	82.0	79.2	76.8	75.5	74.1	72.9	71.6	70.3	68.7	67.0
150°	80.5	74.9	72.8	70.5	69.3	67.9	66.8	65.6	64.3	62.9	61.3
152.5°	72.4	67.9	66.0	63.9	62.7	61.4	60.4	59.2	58.1	57.0	55.6
155°	64.3	60.9	59.1	57.2	56.1	54.9	53.9	52.9	51.8	50.8	49.7
157.5°	56.4	53.8	52.0	50.2	49.3	48.4	47.5	46.5	45.5	44.4	43.3
160°	48.4	46.7	44.9	43.1	42.5	41.8	41.1	40.2	39.3	38.3	37.2
162.5°	41.0	39.6	38.1	36.5	35.8	35.1	34.3	33.5	32.8	32.0	31.2
165°	33.7	32.5	31.2	29.8	29.1	28.4	27.6	26.9	26.3	25.7	25.1
167.5°	26.2	25.2	24.2	23.2	22.7	22.2	21.6	21.0	20.4	19.9	19.4
170°	18.8	18.1	17.3	16.5	16.2	15.9	15.5	15.1	14.6	14.2	13.8
172.5°	12.9	12.3	11.7	11.0	10.8	10.6	10.4	10.1	9.9	9.5	9.2
175°	6.9	6.4	6.0	5.5	5.4	5.3	5.2	5.1	5.0	4.9	4.8
177.5°	3.4	3.2	3.0	2.8	2.7	2.7	2.7	2.6	2.6	2.6	2.5
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: P231924

CATALOG NUMBER: FVS4WM-2-LD4-30-2STD-PFS125-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°	2.5	2.4	2.3	2.3	2.2	2.1	2.1	2.0	1.9	1.8	1.7
5°	4.7	4.5	4.4	4.2	4.1	4.0	3.9	3.7	3.6	3.5	3.3
7.5°	8.9	8.6	8.3	8.0	7.6	7.3	6.9	6.5	6.1	5.7	5.2
10°	13.4	13.0	12.6	12.1	11.6	11.1	10.5	9.9	9.3	8.7	8.0
12.5°	18.8	18.1	17.4	16.7	15.9	15.0	14.2	13.3	12.5	11.7	10.9
15°	24.4	23.7	22.9	22.0	21.0	19.9	18.8	17.6	16.5	15.3	14.1
17.5°	30.3	29.3	28.3	27.2	25.9	24.5	23.1	21.9	20.6	19.3	17.9
20°	36.0	34.9	33.7	32.4	31.0	29.5	28.0	26.5	24.9	23.2	21.7
22.5°	42.0	40.6	39.3	37.9	36.2	34.5	32.8	31.0	29.2	27.4	25.4
25°	48.1	46.4	44.7	43.0	41.2	39.3	37.4	35.3	33.2	31.1	28.9
27.5°	53.8	51.8	50.0	48.2	46.2	44.2	42.0	39.8	37.4	35.1	32.9
30°	59.5	57.5	55.4	53.4	51.2	49.0	46.7	44.3	41.9	39.4	36.8
32.5°	65.1	62.8	60.7	58.6	56.2	53.7	51.2	48.7	46.1	43.0	40.0
35°	70.1	67.8	65.8	63.5	60.9	58.2	55.7	53.0	49.9	46.7	43.7
37.5°	75.2	73.0	70.9	68.2	65.4	62.7	59.9	56.9	53.7	50.5	47.1
40°	80.4	78.0	75.4	72.5	69.8	67.0	63.9	60.6	57.1	53.8	50.4
42.5°	85.3	82.8	79.7	76.6	73.8	70.9	67.7	64.1	60.4	57.2	53.4
45°	89.8	86.9	83.7	80.9	77.9	74.8	71.2	67.5	63.9	60.1	56.1
47.5°	94.0	91.1	88.1	85.2	81.8	78.3	74.7	70.9	67.0	62.9	59.0
50°	97.8	95.0	92.0	88.8	85.2	81.8	78.1	74.1	69.8	65.8	61.7
52.5°	101.7	98.9	95.7	91.9	88.2	84.6	81.1	76.9	72.7	68.6	64.2
55°	105.3	102.2	98.8	94.8	91.2	87.6	83.8	79.4	75.2	71.0	66.5
57.5°	108.7	105.4	101.9	97.9	94.4	90.3	86.1	81.8	77.5	73.5	68.9
60°	111.7	108.5	104.6	100.8	97.0	92.8	88.6	84.2	79.9	75.5	70.9
62.5°	114.7	111.4	107.4	103.4	99.3	95.1	90.8	86.5	82.0	77.0	72.3
65°	117.3	113.5	109.6	105.5	101.4	97.3	93.1	88.5	83.6	78.5	73.8
67.5°	119.6	115.6	111.7	107.7	103.6	99.4	94.8	89.9	85.0	80.0	75.0
70°	121.5	117.5	113.5	109.4	105.1	101.0	96.2	91.4	86.5	81.4	76.0
72.5°	123.2	119.2	115.2	110.9	106.6	102.3	97.4	92.6	87.6	82.4	76.8
75°	124.8	120.6	116.4	112.0	107.7	103.3	98.5	93.6	88.5	83.0	77.5
77.5°	126.1	121.6	117.5	113.0	108.8	104.3	99.6	94.4	88.9	83.6	78.4
80°	127.1	122.5	118.5	113.9	109.8	104.8	100.0	94.9	89.5	84.3	78.9
82.5°	127.5	123.2	119.2	114.6	110.4	105.2	100.3	95.5	90.2	84.7	78.7
85°	127.8	123.8	119.9	115.2	110.6	105.8	100.4	95.2	90.2	84.3	78.9
87.5°	128.1	123.8	119.9	115.3	110.6	105.9	100.4	95.2	90.2	84.2	79.2
90°	128.5	123.8	119.9	115.2	110.5	105.8	100.3	95.6	90.1	84.6	79.1
92.5°	128.1	123.8	119.9	115.3	110.6	105.9	100.4	95.2	90.2	84.2	79.2
95°	127.8	123.8	119.9	115.2	110.6	105.8	100.4	95.2	90.2	84.3	78.9
97.5°	127.5	123.2	119.2	114.6	110.4	105.2	100.3	95.5	90.2	84.7	78.7
100°	127.1	122.5	118.5	113.9	109.8	104.8	100.0	94.9	89.5	84.3	78.9
102.5°	126.1	121.6	117.5	113.0	108.8	104.3	99.6	94.4	88.9	83.6	78.4
105°	124.8	120.6	116.4	112.0	107.7	103.3	98.5	93.6	88.5	83.0	77.5
107.5°	123.2	119.2	115.2	110.9	106.6	102.3	97.4	92.6	87.6	82.4	76.8
110°	121.5	117.5	113.5	109.4	105.1	101.0	96.2	91.4	86.5	81.4	76.0



TEST NUMBER: P231924

CATALOG NUMBER: FVS4WM-2-LD4-30-2STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	119.6	115.6	111.7	107.7	103.6	99.4	94.8	89.9	85.0	80.0	75.0
115°	117.3	113.5	109.6	105.5	101.4	97.3	93.1	88.5	83.6	78.5	73.8
117.5°	114.7	111.4	107.4	103.4	99.3	95.1	90.8	86.5	82.0	77.0	72.3
120°	111.7	108.5	104.6	100.8	97.0	92.8	88.6	84.2	79.9	75.5	70.9
122.5°	108.7	105.4	101.9	97.9	94.4	90.3	86.1	81.8	77.5	73.5	68.9
125°	105.3	102.2	98.8	94.8	91.2	87.6	83.8	79.4	75.2	71.0	66.5
127.5°	101.7	98.9	95.7	91.9	88.2	84.6	81.1	76.9	72.7	68.6	64.2
130°	97.8	95.0	92.0	88.8	85.2	81.8	78.1	74.1	69.8	65.8	61.7
132.5°	94.0	91.1	88.1	85.2	81.8	78.3	74.7	70.9	67.0	62.9	59.0
135°	89.8	86.9	83.7	80.9	77.9	74.8	71.2	67.5	63.9	60.1	56.1
137.5°	85.3	82.8	79.7	76.6	73.8	70.9	67.7	64.1	60.4	57.2	53.4
140°	80.4	78.0	75.4	72.5	69.8	67.0	63.9	60.6	57.1	53.8	50.4
142.5°	75.2	73.0	70.9	68.2	65.4	62.7	59.9	56.9	53.7	50.5	47.1
145°	70.1	67.8	65.8	63.5	60.9	58.2	55.7	53.0	49.9	46.7	43.7
147.5°	65.1	62.8	60.7	58.6	56.2	53.7	51.2	48.7	46.1	43.0	40.0
150°	59.5	57.5	55.4	53.4	51.2	49.0	46.7	44.3	41.9	39.4	36.8
152.5°	53.8	51.8	50.0	48.2	46.2	44.2	42.0	39.8	37.4	35.1	32.9
155°	48.1	46.4	44.7	43.0	41.2	39.3	37.4	35.3	33.2	31.1	28.9
157.5°	42.0	40.6	39.3	37.9	36.2	34.5	32.8	31.0	29.2	27.4	25.4
160°	36.0	34.9	33.7	32.4	31.0	29.5	28.0	26.5	24.9	23.2	21.7
162.5°	30.3	29.3	28.3	27.2	25.9	24.5	23.1	21.9	20.6	19.3	17.9
165°	24.4	23.7	22.9	22.0	21.0	19.9	18.8	17.6	16.5	15.3	14.1
167.5°	18.8	18.1	17.4	16.7	15.9	15.0	14.2	13.3	12.5	11.7	10.9
170°	13.4	13.0	12.6	12.1	11.6	11.1	10.5	9.9	9.3	8.7	8.0
172.5°	8.9	8.6	8.3	8.0	7.6	7.3	6.9	6.5	6.1	5.7	5.2
175°	4.7	4.5	4.4	4.2	4.1	4.0	3.9	3.7	3.6	3.5	3.3
177.5°	2.5	2.4	2.3	2.3	2.2	2.1	2.1	2.0	1.9	1.8	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: P231924

CATALOG NUMBER: FVS4WM-2-LD4-30-2STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	1.7	1.6	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.8	0.7
5°	3.2	3.0	2.9	2.7	2.5	2.4	2.2	2.0	1.8	1.6	1.4
7.5°	4.5	4.3	4.0	3.7	3.5	3.2	2.9	2.6	2.4	2.1	1.8
10°	7.3	6.6	6.0	5.3	4.7	3.9	3.6	3.3	3.0	2.7	2.4
12.5°	10.1	9.3	8.5	7.7	6.8	5.9	5.0	4.1	3.3	2.9	2.5
15°	12.8	11.7	10.7	9.7	8.6	7.6	6.6	5.5	4.5	3.5	2.9
17.5°	16.4	14.9	13.4	11.8	10.5	9.4	8.2	7.1	5.9	4.6	3.3
20°	20.1	18.3	16.6	14.9	13.3	11.7	10.2	8.7	7.3	5.8	4.4
22.5°	23.4	21.3	19.4	17.6	15.8	13.9	11.9	10.0	8.4	6.8	5.2
25°	26.8	24.7	22.5	20.2	18.0	15.8	13.7	11.6	9.5	7.7	6.0
27.5°	30.7	28.2	25.5	22.8	20.1	17.7	15.5	13.2	10.9	8.4	6.7
30°	34.1	31.4	28.6	25.7	22.9	20.0	17.1	14.6	12.1	9.7	7.3
32.5°	37.3	34.4	31.5	28.3	25.3	22.2	19.2	16.0	13.5	10.9	8.2
35°	40.7	37.3	34.1	30.9	27.8	24.6	21.3	17.9	14.4	11.7	9.0
37.5°	43.7	40.1	36.7	33.5	30.1	26.6	23.1	19.5	16.0	12.9	9.9
40°	46.9	43.2	39.6	35.8	32.0	28.2	24.3	20.7	17.3	13.7	10.5
42.5°	49.6	46.1	42.3	38.0	33.9	30.1	26.3	22.4	18.6	15.0	11.6
45°	52.5	48.7	44.3	40.0	36.1	32.2	28.1	23.9	19.7	15.6	11.9
47.5°	55.2	50.9	46.5	42.3	38.1	33.9	29.5	25.2	20.7	16.4	12.5
50°	57.5	53.2	48.7	44.2	39.8	35.3	30.8	26.4	21.9	17.5	13.3
52.5°	59.9	55.6	50.7	46.0	41.3	36.7	32.3	27.6	22.9	18.4	14.1
55°	62.3	57.5	52.6	48.0	43.0	38.1	33.4	28.4	23.6	19.0	14.5
57.5°	64.2	59.4	54.5	49.4	44.3	39.2	34.5	29.5	24.1	19.3	14.7
60°	65.7	60.9	55.8	50.4	45.3	40.4	35.6	30.1	24.6	19.4	14.5
62.5°	67.4	62.4	57.0	51.6	46.6	41.5	36.4	31.0	25.2	19.5	14.6
65°	68.8	63.6	58.2	52.8	47.8	42.4	37.0	31.4	25.6	19.8	15.0
67.5°	69.9	64.8	59.3	54.0	48.4	43.0	37.4	31.5	25.8	20.3	14.9
70°	70.9	65.5	59.9	54.6	48.7	43.3	37.8	31.9	25.8	19.9	14.4
72.5°	71.9	66.2	60.5	54.9	49.1	43.5	38.2	32.0	26.0	19.9	14.2
75°	72.5	66.8	61.1	55.2	49.4	43.8	38.2	32.1	25.9	19.6	14.0
77.5°	73.0	67.3	61.6	55.3	49.6	43.9	38.1	31.9	25.7	19.5	13.5
80°	73.4	67.5	61.5	55.5	49.7	43.8	37.5	31.3	25.5	19.2	13.3
82.5°	73.1	67.4	61.5	55.6	49.7	43.7	37.3	31.1	25.0	19.0	12.8
85°	73.1	67.5	61.3	55.5	49.4	43.2	36.9	30.7	24.4	18.5	12.5
87.5°	73.0	67.5	61.3	55.5	49.4	43.2	36.9	30.7	24.4	18.5	12.5
90°	72.9	67.4	61.1	54.8	48.6	42.3	36.8	29.8	23.5	17.2	11.0
92.5°	73.0	67.5	61.3	55.0	48.8	42.5	36.3	30.1	23.8	17.6	11.4
95°	73.1	67.5	61.3	55.5	49.4	43.2	36.9	30.7	24.4	18.5	12.5
97.5°	73.1	67.4	61.5	55.6	49.7	43.7	37.3	31.1	25.0	19.0	12.8
100°	73.4	67.5	61.5	55.5	49.7	43.8	37.5	31.3	25.5	19.2	13.3
102.5°	73.0	67.3	61.6	55.3	49.6	43.9	38.1	31.9	25.7	19.5	13.5
105°	72.5	66.8	61.1	55.2	49.4	43.8	38.2	32.1	25.9	19.6	14.0
107.5°	71.9	66.2	60.5	54.9	49.1	43.5	38.2	32.0	26.0	19.9	14.2
110°	70.9	65.5	59.9	54.6	48.7	43.3	37.8	31.9	25.8	19.9	14.4



TEST NUMBER: P231924

CATALOG NUMBER: FVS4WM-2-LD4-30-2STD-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°	69.9	64.8	59.3	54.0	48.4	43.0	37.4	31.5	25.8	20.3	14.9
115°	68.8	63.6	58.2	52.8	47.8	42.4	37.0	31.4	25.6	19.8	15.0
117.5°	67.4	62.4	57.0	51.6	46.6	41.5	36.4	31.0	25.2	19.5	14.6
120°	65.7	60.9	55.8	50.4	45.3	40.4	35.6	30.1	24.6	19.4	14.5
122.5°	64.2	59.4	54.5	49.4	44.3	39.2	34.5	29.5	24.1	19.3	14.7
125°	62.3	57.5	52.6	48.0	43.0	38.1	33.4	28.4	23.6	19.0	14.5
127.5°	59.9	55.6	50.7	46.0	41.3	36.7	32.3	27.6	22.9	18.4	14.1
130°	57.5	53.2	48.7	44.2	39.8	35.3	30.8	26.4	21.9	17.5	13.3
132.5°	55.2	50.9	46.5	42.3	38.1	33.9	29.5	25.2	20.7	16.4	12.5
135°	52.5	48.7	44.3	40.0	36.1	32.2	28.1	23.9	19.7	15.6	11.9
137.5°	49.6	46.1	42.3	38.0	33.9	30.1	26.3	22.4	18.6	15.0	11.6
140°	46.9	43.2	39.6	35.8	32.0	28.2	24.3	20.7	17.3	13.7	10.5
142.5°	43.7	40.1	36.7	33.5	30.1	26.6	23.1	19.5	16.0	12.9	9.9
145°	40.7	37.3	34.1	30.9	27.8	24.6	21.3	17.9	14.4	11.7	9.0
147.5°	37.3	34.4	31.5	28.3	25.3	22.2	19.2	16.0	13.5	10.9	8.2
150°	34.1	31.4	28.6	25.7	22.9	20.0	17.1	14.6	12.1	9.7	7.3
152.5°	30.7	28.2	25.5	22.8	20.1	17.7	15.5	13.2	10.9	8.4	6.7
155°	26.8	24.7	22.5	20.2	18.0	15.8	13.7	11.6	9.5	7.7	6.0
157.5°	23.4	21.3	19.4	17.6	15.8	13.9	11.9	10.0	8.4	6.8	5.2
160°	20.1	18.3	16.6	14.9	13.3	11.7	10.2	8.7	7.3	5.8	4.4
162.5°	16.4	14.9	13.4	11.8	10.5	9.4	8.2	7.1	5.9	4.6	3.3
165°	12.8	11.7	10.7	9.7	8.6	7.6	6.6	5.5	4.5	3.5	2.9
167.5°	10.1	9.3	8.5	7.7	6.8	5.9	5.0	4.1	3.3	2.9	2.5
170°	7.3	6.6	6.0	5.3	4.7	3.9	3.6	3.3	3.0	2.7	2.4
172.5°	4.5	4.3	4.0	3.7	3.5	3.2	2.9	2.6	2.4	2.1	1.8
175°	3.2	3.0	2.9	2.7	2.5	2.4	2.2	2.0	1.8	1.6	1.4
177.5°	1.7	1.6	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.8	0.7
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: P231924

CATALOG NUMBER: FVS4WM-2-LD4-30-2STD-PFS125-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°	0.6	0.5	0.4	0.3	0.2	0.1	0.0	0.1	0.2	0.3	0.4
5°	1.2	1.0	0.8	0.6	0.4	0.2	0.0	0.2	0.4	0.6	0.8
7.5°	1.6	1.3	1.0	0.8	0.5	0.3	0.0	0.3	0.5	0.8	1.0
10°	2.0	1.7	1.4	1.0	0.7	0.3	0.0	0.3	0.7	1.0	1.4
12.5°	2.1	1.8	1.4	1.0	0.7	0.3	0.0	0.3	0.7	1.0	1.4
15°	2.5	2.1	1.7	1.2	0.8	0.4	0.0	0.4	0.8	1.2	1.7
17.5°	2.4	2.0	1.6	1.2	0.8	0.4	0.0	0.4	0.8	1.2	1.6
20°	3.0	2.2	1.7	1.3	0.9	0.4	0.0	0.4	0.9	1.3	1.7
22.5°	3.6	2.0	1.4	1.0	0.7	0.3	0.0	0.3	0.7	1.0	1.4
25°	4.3	2.7	1.5	1.1	0.7	0.4	0.0	0.4	0.7	1.1	1.5
27.5°	4.9	3.0	1.2	0.7	0.4	0.2	0.0	0.2	0.4	0.7	1.2
30°	5.4	3.6	1.7	0.7	0.5	0.2	0.0	0.2	0.5	0.7	1.7
32.5°	5.9	4.1	2.3	0.8	0.5	0.3	0.0	0.3	0.5	0.8	2.3
35°	6.4	4.4	2.7	1.0	0.6	0.3	0.0	0.3	0.6	1.0	2.7
37.5°	7.0	4.5	2.9	1.4	0.6	0.3	0.0	0.3	0.6	1.4	2.9
40°	7.6	4.7	3.0	1.6	0.7	0.3	0.0	0.3	0.7	1.6	3.0
42.5°	8.3	5.1	2.8	1.3	0.1	0.0	0.0	0.0	0.1	1.3	2.8
45°	8.4	5.4	2.6	1.2	0.0	0.0	0.0	0.0	0.0	1.2	2.6
47.5°	8.8	5.6	2.7	1.1	0.1	0.0	0.0	0.0	0.1	1.1	2.7
50°	9.6	6.0	2.8	0.8	0.2	0.0	0.0	0.0	0.2	0.8	2.8
52.5°	10.1	5.9	2.9	0.7	0.2	0.0	0.0	0.0	0.2	0.7	2.9
55°	10.0	5.9	2.8	0.6	0.0	0.0	0.0	0.0	0.0	0.6	2.8
57.5°	9.9	5.9	3.0	0.8	0.0	0.0	0.0	0.0	0.0	0.8	3.0
60°	10.0	5.9	2.8	0.7	0.0	0.0	0.0	0.0	0.0	0.7	2.8
62.5°	10.2	5.9	2.7	0.7	0.0	0.0	0.0	0.0	0.0	0.7	2.7
65°	10.4	6.4	2.9	0.6	0.0	0.0	0.8	0.0	0.0	0.6	2.9
67.5°	10.2	6.1	2.6	0.6	0.0	0.0	0.0	0.0	0.0	0.6	2.6
70°	9.5	6.0	2.5	0.4	0.0	0.0	0.8	0.0	0.0	0.4	2.5
72.5°	9.6	5.5	2.1	0.2	0.0	0.0	0.8	0.0	0.0	0.2	2.1
75°	9.2	5.1	1.6	0.1	0.0	0.0	0.0	0.0	0.0	0.1	1.6
77.5°	8.4	4.6	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3
80°	8.0	3.8	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
82.5°	6.8	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	6.5	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	5.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	6.5	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	6.8	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	8.0	3.8	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
102.5°	8.4	4.6	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3
105°	9.2	5.1	1.6	0.1	0.0	0.0	0.0	0.0	0.0	0.1	1.6
107.5°	9.6	5.5	2.1	0.2	0.0	0.0	0.8	0.0	0.0	0.2	2.1
110°	9.5	6.0	2.5	0.4	0.0	0.0	0.8	0.0	0.0	0.4	2.5



TEST NUMBER: P231924

CATALOG NUMBER: FVS4WM-2-LD4-30-2STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	10.2	6.1	2.6	0.6	0.0	0.0	0.0	0.0	0.0	0.6	2.6
115°	10.4	6.4	2.9	0.6	0.0	0.0	0.8	0.0	0.0	0.6	2.9
117.5°	10.2	5.9	2.7	0.7	0.0	0.0	0.0	0.0	0.0	0.7	2.7
120°	10.0	5.9	2.8	0.7	0.0	0.0	0.0	0.0	0.0	0.7	2.8
122.5°	9.9	5.9	3.0	0.8	0.0	0.0	0.0	0.0	0.0	0.8	3.0
125°	10.0	5.9	2.8	0.6	0.0	0.0	0.0	0.0	0.0	0.6	2.8
127.5°	10.1	5.9	2.9	0.7	0.2	0.0	0.0	0.0	0.2	0.7	2.9
130°	9.6	6.0	2.8	0.8	0.2	0.0	0.0	0.0	0.2	0.8	2.8
132.5°	8.8	5.6	2.7	1.1	0.1	0.0	0.0	0.0	0.1	1.1	2.7
135°	8.4	5.4	2.6	1.2	0.0	0.0	0.0	0.0	0.0	1.2	2.6
137.5°	8.3	5.1	2.8	1.3	0.1	0.0	0.0	0.0	0.1	1.3	2.8
140°	7.6	4.7	3.0	1.6	0.7	0.3	0.0	0.3	0.7	1.6	3.0
142.5°	7.0	4.5	2.9	1.4	0.6	0.3	0.0	0.3	0.6	1.4	2.9
145°	6.4	4.4	2.7	1.0	0.6	0.3	0.0	0.3	0.6	1.0	2.7
147.5°	5.9	4.1	2.3	0.8	0.5	0.3	0.0	0.3	0.5	0.8	2.3
150°	5.4	3.6	1.7	0.7	0.5	0.2	0.0	0.2	0.5	0.7	1.7
152.5°	4.9	3.0	1.2	0.7	0.4	0.2	0.0	0.2	0.4	0.7	1.2
155°	4.3	2.7	1.5	1.1	0.7	0.4	0.0	0.4	0.7	1.1	1.5
157.5°	3.6	2.0	1.4	1.0	0.7	0.3	0.0	0.3	0.7	1.0	1.4
160°	3.0	2.2	1.7	1.3	0.9	0.4	0.0	0.4	0.9	1.3	1.7
162.5°	2.4	2.0	1.6	1.2	0.8	0.4	0.0	0.4	0.8	1.2	1.6
165°	2.5	2.1	1.7	1.2	0.8	0.4	0.0	0.4	0.8	1.2	1.7
167.5°	2.1	1.8	1.4	1.0	0.7	0.3	0.0	0.3	0.7	1.0	1.4
170°	2.0	1.7	1.4	1.0	0.7	0.3	0.0	0.3	0.7	1.0	1.4
172.5°	1.6	1.3	1.0	0.8	0.5	0.3	0.0	0.3	0.5	0.8	1.0
175°	1.2	1.0	0.8	0.6	0.4	0.2	0.0	0.2	0.4	0.6	0.8
177.5°	0.6	0.5	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: P231924

CATALOG NUMBER: FVS4WM-2-LD4-30-2STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5
5°	1.0	1.2	1.4	1.6	1.8	2.0	2.2	2.4	2.5	2.7	2.9
7.5°	1.3	1.6	1.8	2.1	2.4	2.6	2.9	3.2	3.5	3.7	4.0
10°	1.7	2.0	2.4	2.7	3.0	3.3	3.6	3.9	4.7	5.3	6.0
12.5°	1.8	2.1	2.5	2.9	3.3	4.1	5.0	5.9	6.8	7.7	8.5
15°	2.1	2.5	2.9	3.5	4.5	5.5	6.6	7.6	8.6	9.7	10.7
17.5°	2.0	2.4	3.3	4.6	5.9	7.1	8.2	9.4	10.5	11.8	13.4
20°	2.2	3.0	4.4	5.8	7.3	8.7	10.2	11.7	13.3	14.9	16.6
22.5°	2.0	3.6	5.2	6.8	8.4	10.0	11.9	13.9	15.8	17.6	19.4
25°	2.7	4.3	6.0	7.7	9.5	11.6	13.7	15.8	18.0	20.2	22.5
27.5°	3.0	4.9	6.7	8.4	10.9	13.2	15.5	17.7	20.1	22.8	25.5
30°	3.6	5.4	7.3	9.7	12.1	14.6	17.1	20.0	22.9	25.7	28.6
32.5°	4.1	5.9	8.2	10.9	13.5	16.0	19.2	22.2	25.3	28.3	31.5
35°	4.4	6.4	9.0	11.7	14.4	17.9	21.3	24.6	27.8	30.9	34.1
37.5°	4.5	7.0	9.9	12.9	16.0	19.5	23.1	26.6	30.1	33.5	36.7
40°	4.7	7.6	10.5	13.7	17.3	20.7	24.3	28.2	32.0	35.8	39.6
42.5°	5.1	8.3	11.6	15.0	18.6	22.4	26.3	30.1	33.9	38.0	42.3
45°	5.4	8.4	11.9	15.6	19.7	23.9	28.1	32.2	36.1	40.0	44.3
47.5°	5.6	8.8	12.5	16.4	20.7	25.2	29.5	33.9	38.1	42.3	46.5
50°	6.0	9.6	13.3	17.5	21.9	26.4	30.8	35.3	39.8	44.2	48.7
52.5°	5.9	10.1	14.1	18.4	22.9	27.6	32.3	36.7	41.3	46.0	50.7
55°	5.9	10.0	14.5	19.0	23.6	28.4	33.4	38.1	43.0	48.0	52.6
57.5°	5.9	9.9	14.7	19.3	24.1	29.5	34.5	39.2	44.3	49.4	54.5
60°	5.9	10.0	14.5	19.4	24.6	30.1	35.6	40.4	45.3	50.4	55.8
62.5°	5.9	10.2	14.6	19.5	25.2	31.0	36.4	41.5	46.6	51.6	57.0
65°	6.4	10.4	15.0	19.8	25.6	31.4	37.0	42.4	47.8	52.8	58.2
67.5°	6.1	10.2	14.9	20.3	25.8	31.5	37.4	43.0	48.4	54.0	59.3
70°	6.0	9.5	14.4	19.9	25.8	31.9	37.8	43.3	48.7	54.6	59.9
72.5°	5.5	9.6	14.2	19.9	26.0	32.0	38.2	43.5	49.1	54.9	60.5
75°	5.1	9.2	14.0	19.6	25.9	32.1	38.2	43.8	49.4	55.2	61.1
77.5°	4.6	8.4	13.5	19.5	25.7	31.9	38.1	43.9	49.6	55.3	61.6
80°	3.8	8.0	13.3	19.2	25.5	31.3	37.5	43.8	49.7	55.5	61.5
82.5°	2.5	6.8	12.8	19.0	25.0	31.1	37.3	43.7	49.7	55.6	61.5
85°	1.7	6.5	12.5	18.5	24.4	30.7	36.9	43.2	49.4	55.5	61.3
87.5°	0.5	5.9	11.4	17.6	23.8	30.1	36.3	42.5	48.8	55.0	61.3
90°	0.0	5.5	11.0	17.2	23.5	29.8	36.8	42.3	48.6	54.8	61.1
92.5°	0.5	5.9	11.4	17.6	23.8	30.1	36.3	42.5	48.8	55.0	61.3
95°	1.7	6.5	12.5	18.5	24.4	30.7	36.9	43.2	49.4	55.5	61.3
97.5°	2.5	6.8	12.8	19.0	25.0	31.1	37.3	43.7	49.7	55.6	61.5
100°	3.8	8.0	13.3	19.2	25.5	31.3	37.5	43.8	49.7	55.5	61.5
102.5°	4.6	8.4	13.5	19.5	25.7	31.9	38.1	43.9	49.6	55.3	61.6
105°	5.1	9.2	14.0	19.6	25.9	32.1	38.2	43.8	49.4	55.2	61.1
107.5°	5.5	9.6	14.2	19.9	26.0	32.0	38.2	43.5	49.1	54.9	60.5
110°	6.0	9.5	14.4	19.9	25.8	31.9	37.8	43.3	48.7	54.6	59.9



TEST NUMBER: P231924

CATALOG NUMBER: FVS4WM-2-LD4-30-2STD-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°	6.1	10.2	14.9	20.3	25.8	31.5	37.4	43.0	48.4	54.0	59.3
115°	6.4	10.4	15.0	19.8	25.6	31.4	37.0	42.4	47.8	52.8	58.2
117.5°	5.9	10.2	14.6	19.5	25.2	31.0	36.4	41.5	46.6	51.6	57.0
120°	5.9	10.0	14.5	19.4	24.6	30.1	35.6	40.4	45.3	50.4	55.8
122.5°	5.9	9.9	14.7	19.3	24.1	29.5	34.5	39.2	44.3	49.4	54.5
125°	5.9	10.0	14.5	19.0	23.6	28.4	33.4	38.1	43.0	48.0	52.6
127.5°	5.9	10.1	14.1	18.4	22.9	27.6	32.3	36.7	41.3	46.0	50.7
130°	6.0	9.6	13.3	17.5	21.9	26.4	30.8	35.3	39.8	44.2	48.7
132.5°	5.6	8.8	12.5	16.4	20.7	25.2	29.5	33.9	38.1	42.3	46.5
135°	5.4	8.4	11.9	15.6	19.7	23.9	28.1	32.2	36.1	40.0	44.3
137.5°	5.1	8.3	11.6	15.0	18.6	22.4	26.3	30.1	33.9	38.0	42.3
140°	4.7	7.6	10.5	13.7	17.3	20.7	24.3	28.2	32.0	35.8	39.6
142.5°	4.5	7.0	9.9	12.9	16.0	19.5	23.1	26.6	30.1	33.5	36.7
145°	4.4	6.4	9.0	11.7	14.4	17.9	21.3	24.6	27.8	30.9	34.1
147.5°	4.1	5.9	8.2	10.9	13.5	16.0	19.2	22.2	25.3	28.3	31.5
150°	3.6	5.4	7.3	9.7	12.1	14.6	17.1	20.0	22.9	25.7	28.6
152.5°	3.0	4.9	6.7	8.4	10.9	13.2	15.5	17.7	20.1	22.8	25.5
155°	2.7	4.3	6.0	7.7	9.5	11.6	13.7	15.8	18.0	20.2	22.5
157.5°	2.0	3.6	5.2	6.8	8.4	10.0	11.9	13.9	15.8	17.6	19.4
160°	2.2	3.0	4.4	5.8	7.3	8.7	10.2	11.7	13.3	14.9	16.6
162.5°	2.0	2.4	3.3	4.6	5.9	7.1	8.2	9.4	10.5	11.8	13.4
165°	2.1	2.5	2.9	3.5	4.5	5.5	6.6	7.6	8.6	9.7	10.7
167.5°	1.8	2.1	2.5	2.9	3.3	4.1	5.0	5.9	6.8	7.7	8.5
170°	1.7	2.0	2.4	2.7	3.0	3.3	3.6	3.9	4.7	5.3	6.0
172.5°	1.3	1.6	1.8	2.1	2.4	2.6	2.9	3.2	3.5	3.7	4.0
175°	1.0	1.2	1.4	1.6	1.8	2.0	2.2	2.4	2.5	2.7	2.9
177.5°	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5
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: P231924

CATALOG NUMBER: FVS4WM-2-LD4-30-2STD-PFS125-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°	1.6	1.7	1.7	1.8	1.9	2.0	2.1	2.1	2.2	2.3	2.3
5°	3.0	3.2	3.3	3.5	3.6	3.7	3.9	4.0	4.1	4.2	4.4
7.5°	4.3	4.5	5.2	5.7	6.1	6.5	6.9	7.3	7.6	8.0	8.3
10°	6.6	7.3	8.0	8.7	9.3	9.9	10.5	11.1	11.6	12.1	12.6
12.5°	9.3	10.1	10.9	11.7	12.5	13.3	14.2	15.0	15.9	16.7	17.4
15°	11.7	12.8	14.1	15.3	16.5	17.6	18.8	19.9	21.0	22.0	22.9
17.5°	14.9	16.4	17.9	19.3	20.6	21.9	23.1	24.5	25.9	27.2	28.3
20°	18.3	20.1	21.7	23.2	24.9	26.5	28.0	29.5	31.0	32.4	33.7
22.5°	21.3	23.4	25.4	27.4	29.2	31.0	32.8	34.5	36.2	37.9	39.3
25°	24.7	26.8	28.9	31.1	33.2	35.3	37.4	39.3	41.2	43.0	44.7
27.5°	28.2	30.7	32.9	35.1	37.4	39.8	42.0	44.2	46.2	48.2	50.0
30°	31.4	34.1	36.8	39.4	41.9	44.3	46.7	49.0	51.2	53.4	55.4
32.5°	34.4	37.3	40.0	43.0	46.1	48.7	51.2	53.7	56.2	58.6	60.7
35°	37.3	40.7	43.7	46.7	49.9	53.0	55.7	58.2	60.9	63.5	65.8
37.5°	40.1	43.7	47.1	50.5	53.7	56.9	59.9	62.7	65.4	68.2	70.9
40°	43.2	46.9	50.4	53.8	57.1	60.6	63.9	67.0	69.8	72.5	75.4
42.5°	46.1	49.6	53.4	57.2	60.4	64.1	67.7	70.9	73.8	76.6	79.7
45°	48.7	52.5	56.1	60.1	63.9	67.5	71.2	74.8	77.9	80.9	83.7
47.5°	50.9	55.2	59.0	62.9	67.0	70.9	74.7	78.3	81.8	85.2	88.1
50°	53.2	57.5	61.7	65.8	69.8	74.1	78.1	81.8	85.2	88.8	92.0
52.5°	55.6	59.9	64.2	68.6	72.7	76.9	81.1	84.6	88.2	91.9	95.7
55°	57.5	62.3	66.5	71.0	75.2	79.4	83.8	87.6	91.2	94.8	98.8
57.5°	59.4	64.2	68.9	73.5	77.5	81.8	86.1	90.3	94.4	97.9	101.9
60°	60.9	65.7	70.9	75.5	79.9	84.2	88.6	92.8	97.0	100.8	104.6
62.5°	62.4	67.4	72.3	77.0	82.0	86.5	90.8	95.1	99.3	103.4	107.4
65°	63.6	68.8	73.8	78.5	83.6	88.5	93.1	97.3	101.4	105.5	109.6
67.5°	64.8	69.9	75.0	80.0	85.0	89.9	94.8	99.4	103.6	107.7	111.7
70°	65.5	70.9	76.0	81.4	86.5	91.4	96.2	101.0	105.1	109.4	113.5
72.5°	66.2	71.9	76.8	82.4	87.6	92.6	97.4	102.3	106.6	110.9	115.2
75°	66.8	72.5	77.5	83.0	88.5	93.6	98.5	103.3	107.7	112.0	116.4
77.5°	67.3	73.0	78.4	83.6	88.9	94.4	99.6	104.3	108.8	113.0	117.5
80°	67.5	73.4	78.9	84.3	89.5	94.9	100.0	104.8	109.8	113.9	118.5
82.5°	67.4	73.1	78.7	84.7	90.2	95.5	100.3	105.2	110.4	114.6	119.2
85°	67.5	73.1	78.9	84.3	90.2	95.2	100.4	105.8	110.6	115.2	119.9
87.5°	67.5	73.0	79.2	84.2	90.2	95.2	100.4	105.8	110.6	115.2	119.9
90°	67.4	72.9	79.1	84.6	90.1	95.6	100.3	105.8	110.5	115.2	119.9
92.5°	67.5	73.0	79.2	84.2	90.2	95.2	100.4	105.9	110.6	115.3	119.9
95°	67.5	73.1	78.9	84.3	90.2	95.2	100.4	105.8	110.6	115.2	119.9
97.5°	67.4	73.1	78.7	84.7	90.2	95.5	100.3	105.2	110.4	114.6	119.2
100°	67.5	73.4	78.9	84.3	89.5	94.9	100.0	104.8	109.8	113.9	118.5
102.5°	67.3	73.0	78.4	83.6	88.9	94.4	99.6	104.3	108.8	113.0	117.5
105°	66.8	72.5	77.5	83.0	88.5	93.6	98.5	103.3	107.7	112.0	116.4
107.5°	66.2	71.9	76.8	82.4	87.6	92.6	97.4	102.3	106.6	110.9	115.2
110°	65.5	70.9	76.0	81.4	86.5	91.4	96.2	101.0	105.1	109.4	113.5



TEST NUMBER: P231924

CATALOG NUMBER: FVS4WM-2-LD4-30-2STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	64.8	69.9	75.0	80.0	85.0	89.9	94.8	99.4	103.6	107.7	111.7
115°	63.6	68.8	73.8	78.5	83.6	88.5	93.1	97.3	101.4	105.5	109.6
117.5°	62.4	67.4	72.3	77.0	82.0	86.5	90.8	95.1	99.3	103.4	107.4
120°	60.9	65.7	70.9	75.5	79.9	84.2	88.6	92.8	97.0	100.8	104.6
122.5°	59.4	64.2	68.9	73.5	77.5	81.8	86.1	90.3	94.4	97.9	101.9
125°	57.5	62.3	66.5	71.0	75.2	79.4	83.8	87.6	91.2	94.8	98.8
127.5°	55.6	59.9	64.2	68.6	72.7	76.9	81.1	84.6	88.2	91.9	95.7
130°	53.2	57.5	61.7	65.8	69.8	74.1	78.1	81.8	85.2	88.8	92.0
132.5°	50.9	55.2	59.0	62.9	67.0	70.9	74.7	78.3	81.8	85.2	88.1
135°	48.7	52.5	56.1	60.1	63.9	67.5	71.2	74.8	77.9	80.9	83.7
137.5°	46.1	49.6	53.4	57.2	60.4	64.1	67.7	70.9	73.8	76.6	79.7
140°	43.2	46.9	50.4	53.8	57.1	60.6	63.9	67.0	69.8	72.5	75.4
142.5°	40.1	43.7	47.1	50.5	53.7	56.9	59.9	62.7	65.4	68.2	70.9
145°	37.3	40.7	43.7	46.7	49.9	53.0	55.7	58.2	60.9	63.5	65.8
147.5°	34.4	37.3	40.0	43.0	46.1	48.7	51.2	53.7	56.2	58.6	60.7
150°	31.4	34.1	36.8	39.4	41.9	44.3	46.7	49.0	51.2	53.4	55.4
152.5°	28.2	30.7	32.9	35.1	37.4	39.8	42.0	44.2	46.2	48.2	50.0
155°	24.7	26.8	28.9	31.1	33.2	35.3	37.4	39.3	41.2	43.0	44.7
157.5°	21.3	23.4	25.4	27.4	29.2	31.0	32.8	34.5	36.2	37.9	39.3
160°	18.3	20.1	21.7	23.2	24.9	26.5	28.0	29.5	31.0	32.4	33.7
162.5°	14.9	16.4	17.9	19.3	20.6	21.9	23.1	24.5	25.9	27.2	28.3
165°	11.7	12.8	14.1	15.3	16.5	17.6	18.8	19.9	21.0	22.0	22.9
167.5°	9.3	10.1	10.9	11.7	12.5	13.3	14.2	15.0	15.9	16.7	17.4
170°	6.6	7.3	8.0	8.7	9.3	9.9	10.5	11.1	11.6	12.1	12.6
172.5°	4.3	4.5	5.2	5.7	6.1	6.5	6.9	7.3	7.6	8.0	8.3
175°	3.0	3.2	3.3	3.5	3.6	3.7	3.9	4.0	4.1	4.2	4.4
177.5°	1.6	1.7	1.7	1.8	1.9	2.0	2.1	2.1	2.2	2.3	2.3
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: P231924

CATALOG NUMBER: FVS4WM-2-LD4-30-2STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	2.4	2.5	2.5	2.6	2.6	2.6	2.7	2.7	2.7	2.8	3.0
5°	4.5	4.7	4.8	4.9	5.0	5.1	5.2	5.3	5.4	5.5	6.0
7.5°	8.6	8.9	9.2	9.5	9.9	10.1	10.4	10.6	10.8	11.0	11.7
10°	13.0	13.4	13.8	14.2	14.6	15.1	15.5	15.9	16.2	16.5	17.3
12.5°	18.1	18.8	19.4	19.9	20.4	21.0	21.6	22.2	22.7	23.2	24.2
15°	23.7	24.4	25.1	25.7	26.3	26.9	27.6	28.4	29.1	29.8	31.2
17.5°	29.3	30.3	31.2	32.0	32.8	33.5	34.3	35.1	35.8	36.5	38.1
20°	34.9	36.0	37.2	38.3	39.3	40.2	41.1	41.8	42.5	43.1	44.9
22.5°	40.6	42.0	43.3	44.4	45.5	46.5	47.5	48.4	49.3	50.2	52.0
25°	46.4	48.1	49.7	50.8	51.8	52.9	53.9	54.9	56.1	57.2	59.1
27.5°	51.8	53.8	55.6	57.0	58.1	59.2	60.4	61.4	62.7	63.9	66.0
30°	57.5	59.5	61.3	62.9	64.3	65.6	66.8	67.9	69.3	70.5	72.8
32.5°	62.8	65.1	67.0	68.7	70.3	71.6	72.9	74.1	75.5	76.8	79.2
35°	67.8	70.1	72.3	74.3	76.2	77.6	79.0	80.2	81.6	83.0	85.6
37.5°	73.0	75.2	77.4	79.5	81.6	83.2	84.7	86.0	87.3	88.5	91.8
40°	78.0	80.4	82.5	84.4	86.6	88.6	90.4	91.7	92.9	94.0	98.0
42.5°	82.8	85.3	87.5	89.5	91.6	93.7	95.5	96.8	98.1	99.5	103.4
45°	86.9	89.8	92.2	94.5	96.7	98.8	100.4	101.8	103.2	105.0	108.8
47.5°	91.1	94.0	96.6	99.0	101.3	103.5	105.0	106.6	108.3	110.1	113.8
50°	95.0	97.8	100.7	103.3	105.7	107.9	109.6	111.4	113.3	115.2	118.7
52.5°	98.9	101.7	104.5	107.3	109.8	112.1	114.0	115.8	117.6	119.5	123.5
55°	102.2	105.3	108.2	110.9	113.8	116.2	118.4	120.3	121.8	123.8	128.3
57.5°	105.4	108.7	111.8	114.4	117.2	119.8	122.0	123.9	125.7	127.7	132.3
60°	108.5	111.7	115.0	118.0	120.6	123.3	125.6	127.4	129.6	131.6	136.3
62.5°	111.4	114.7	117.8	121.0	123.6	126.3	128.7	130.5	132.6	134.8	139.6
65°	113.5	117.3	120.7	123.8	126.6	129.2	131.8	133.5	135.7	137.9	142.9
67.5°	115.6	119.6	123.0	126.1	129.0	131.9	134.5	136.2	138.4	140.7	145.7
70°	117.5	121.5	125.1	128.2	131.3	134.4	137.2	138.9	141.1	143.4	148.5
72.5°	119.2	123.2	126.8	130.1	133.2	136.3	138.8	140.8	142.7	145.4	150.5
75°	120.6	124.8	128.2	131.9	135.0	138.0	140.4	142.7	144.2	147.3	152.8
77.5°	121.6	126.1	129.5	133.0	136.1	139.2	141.9	144.2	145.8	148.5	153.9
80°	122.5	127.1	130.9	134.1	137.2	140.3	143.5	145.7	147.3	149.6	155.1
82.5°	123.2	127.5	131.4	134.8	138.0	141.1	144.2	146.1	148.1	150.4	155.9
85°	123.8	127.8	131.7	135.5	138.7	141.8	144.9	146.5	148.8	151.2	156.7
87.5°	123.8	128.1	132.0	135.5	138.7	142.2	144.9	146.9	148.8	151.2	156.7
90°	123.8	128.5	132.4	135.5	138.7	142.6	144.9	147.3	148.8	151.2	156.7
92.5°	123.8	128.1	132.0	135.5	138.7	142.2	144.9	146.9	148.8	151.2	156.7
95°	123.8	127.8	131.7	135.5	138.7	141.8	144.9	146.5	148.8	151.2	156.7
97.5°	123.2	127.5	131.4	134.8	138.0	141.1	144.2	146.1	148.1	150.4	155.9
100°	122.5	127.1	130.9	134.1	137.2	140.3	143.5	145.7	147.3	149.6	155.1
102.5°	121.6	126.1	129.5	133.0	136.1	139.2	141.9	144.2	145.8	148.5	153.9
105°	120.6	124.8	128.2	131.9	135.0	138.0	140.4	142.7	144.2	147.3	152.8
107.5°	119.2	123.2	126.8	130.1	133.2	136.3	138.8	140.8	142.7	145.4	150.5
110°	117.5	121.5	125.1	128.2	131.3	134.4	137.2	138.9	141.1	143.4	148.5



TEST NUMBER: P231924

CATALOG NUMBER: FVS4WM-2-LD4-30-2STD-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°	115.6	119.6	123.0	126.1	129.0	131.9	134.5	136.2	138.4	140.7	145.7
115°	113.5	117.3	120.7	123.8	126.6	129.2	131.8	133.5	135.7	137.9	142.9
117.5°	111.4	114.7	117.8	121.0	123.6	126.3	128.7	130.5	132.6	134.8	139.6
120°	108.5	111.7	115.0	118.0	120.6	123.3	125.6	127.4	129.6	131.6	136.3
122.5°	105.4	108.7	111.8	114.4	117.2	119.8	122.0	123.9	125.7	127.7	132.3
125°	102.2	105.3	108.2	110.9	113.8	116.2	118.4	120.3	121.8	123.8	128.3
127.5°	98.9	101.7	104.5	107.3	109.8	112.1	114.0	115.8	117.6	119.5	123.5
130°	95.0	97.8	100.7	103.3	105.7	107.9	109.6	111.4	113.3	115.2	118.7
132.5°	91.1	94.0	96.6	99.0	101.3	103.5	105.0	106.6	108.3	110.1	113.8
135°	86.9	89.8	92.2	94.5	96.7	98.8	100.4	101.8	103.2	105.0	108.8
137.5°	82.8	85.3	87.5	89.5	91.6	93.7	95.5	96.8	98.1	99.5	103.4
140°	78.0	80.4	82.5	84.4	86.6	88.6	90.4	91.7	92.9	94.0	98.0
142.5°	73.0	75.2	77.4	79.5	81.6	83.2	84.7	86.0	87.3	88.5	91.8
145°	67.8	70.1	72.3	74.3	76.2	77.6	79.0	80.2	81.6	83.0	85.6
147.5°	62.8	65.1	67.0	68.7	70.3	71.6	72.9	74.1	75.5	76.8	79.2
150°	57.5	59.5	61.3	62.9	64.3	65.6	66.8	67.9	69.3	70.5	72.8
152.5°	51.8	53.8	55.6	57.0	58.1	59.2	60.4	61.4	62.7	63.9	66.0
155°	46.4	48.1	49.7	50.8	51.8	52.9	53.9	54.9	56.1	57.2	59.1
157.5°	40.6	42.0	43.3	44.4	45.5	46.5	47.5	48.4	49.3	50.2	52.0
160°	34.9	36.0	37.2	38.3	39.3	40.2	41.1	41.8	42.5	43.1	44.9
162.5°	29.3	30.3	31.2	32.0	32.8	33.5	34.3	35.1	35.8	36.5	38.1
165°	23.7	24.4	25.1	25.7	26.3	26.9	27.6	28.4	29.1	29.8	31.2
167.5°	18.1	18.8	19.4	19.9	20.4	21.0	21.6	22.2	22.7	23.2	24.2
170°	13.0	13.4	13.8	14.2	14.6	15.1	15.5	15.9	16.2	16.5	17.3
172.5°	8.6	8.9	9.2	9.5	9.9	10.1	10.4	10.6	10.8	11.0	11.7
175°	4.5	4.7	4.8	4.9	5.0	5.1	5.2	5.3	5.4	5.5	6.0
177.5°	2.4	2.5	2.5	2.6	2.6	2.6	2.7	2.7	2.7	2.8	3.0
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: P231924

CATALOG NUMBER: FVS4WM-2-LD4-30-2STD-PFS125-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°	3.2	3.4	3.7	3.9	4.1	4.3	4.5	4.6	4.8	5.0	5.1
5°	6.4	6.9	7.3	7.7	8.2	8.6	8.9	9.3	9.6	10.0	10.3
7.5°	12.3	12.9	13.4	13.9	14.4	14.9	15.4	16.5	17.4	18.4	19.2
10°	18.1	18.8	19.4	20.1	20.8	22.4	23.9	25.3	26.7	28.0	29.2
12.5°	25.2	26.2	27.0	28.2	30.2	32.0	33.8	35.5	37.5	39.8	42.1
15°	32.5	33.7	35.0	37.4	39.8	42.0	44.2	47.2	50.1	52.9	56.0
17.5°	39.6	41.0	43.4	46.3	49.0	51.9	55.6	59.1	62.4	66.1	69.7
20°	46.7	48.4	51.8	55.0	58.3	62.6	66.8	70.8	75.4	79.7	83.9
22.5°	53.8	56.4	60.2	63.8	68.4	73.2	77.9	83.3	88.4	93.5	99.0
25°	60.9	64.3	68.5	73.0	78.5	83.8	89.8	95.7	101.7	108.1	114.2
27.5°	67.9	72.4	77.1	82.6	88.5	94.8	101.6	108.3	115.5	122.5	129.5
30°	74.9	80.5	85.9	92.2	98.8	106.2	113.7	121.4	128.9	136.7	144.4
32.5°	82.0	87.9	94.0	101.1	108.6	117.1	125.5	133.7	142.0	150.5	158.8
35°	89.1	95.0	102.0	109.8	118.5	127.8	136.7	145.8	155.1	164.2	173.2
37.5°	96.0	102.2	110.0	118.4	128.0	137.8	147.9	158.0	168.7	177.7	187.3
40°	102.9	109.2	117.8	127.2	137.4	148.3	159.3	169.6	180.2	190.8	201.2
42.5°	108.9	115.8	125.1	135.4	146.4	158.5	169.9	180.7	192.4	203.7	214.6
45°	114.8	122.5	132.1	143.4	155.5	167.9	179.8	191.6	203.7	215.7	227.1
47.5°	120.2	128.7	138.9	150.9	163.7	176.7	189.6	202.0	214.4	227.7	239.1
50°	125.5	134.7	145.8	158.0	171.3	185.2	199.1	211.7	224.7	237.8	250.7
52.5°	130.6	140.3	152.0	164.6	178.7	193.4	207.8	221.1	234.6	247.9	260.8
55°	135.6	145.8	158.1	171.3	186.0	200.9	215.7	230.0	244.0	257.8	270.9
57.5°	140.3	151.0	163.7	177.6	192.9	207.9	223.5	238.6	253.2	267.4	281.3
60°	145.0	156.2	169.1	183.7	199.3	214.5	230.7	246.5	261.7	276.1	290.0
62.5°	148.3	160.1	173.8	189.1	205.2	221.0	237.5	254.1	269.9	283.9	298.2
65°	151.5	164.0	178.2	194.1	210.7	227.2	243.9	260.7	276.1	290.6	305.8
67.5°	154.6	167.5	182.2	198.5	215.4	232.4	249.5	266.4	281.8	297.1	312.9
70°	157.7	171.0	186.1	202.5	219.6	237.0	254.1	271.0	287.2	302.9	318.5
72.5°	160.0	173.3	188.7	205.7	223.4	240.9	258.1	275.4	292.1	308.1	323.7
75°	162.2	175.5	191.1	208.8	226.8	244.2	261.9	279.3	296.4	312.5	328.1
77.5°	163.6	177.5	193.4	211.1	229.3	247.2	265.1	282.8	300.1	316.2	332.0
80°	165.3	179.5	195.5	213.1	231.5	249.9	267.7	285.9	303.0	319.2	335.2
82.5°	166.1	180.6	197.4	214.6	232.8	251.7	269.9	287.9	305.0	321.6	337.6
85°	166.9	181.0	198.2	216.2	234.2	253.7	272.5	289.8	306.3	323.3	339.1
87.5°	166.9	181.3	198.2	217.0	234.6	253.8	272.6	289.9	307.5	324.0	340.3
90°	166.9	181.7	198.2	217.8	235.0	253.8	272.6	289.9	307.9	323.5	340.8
92.5°	166.9	181.3	198.2	217.0	234.6	253.8	272.6	289.9	307.5	324.0	340.3
95°	166.9	181.0	198.2	216.2	234.2	253.7	272.5	289.8	306.3	323.3	339.1
97.5°	166.1	180.6	197.4	214.6	232.8	251.7	269.9	287.9	305.0	321.6	337.6
100°	165.3	179.5	195.5	213.1	231.5	249.9	267.7	285.9	303.0	319.2	335.2
102.5°	163.6	177.5	193.4	211.1	229.3	247.2	265.1	282.8	300.1	316.2	332.0
105°	162.2	175.5	191.1	208.8	226.8	244.2	261.9	279.3	296.4	312.5	328.1
107.5°	160.0	173.3	188.7	205.7	223.4	240.9	258.1	275.4	292.1	308.1	323.7
110°	157.7	171.0	186.1	202.5	219.6	237.0	254.1	271.0	287.2	302.9	318.5



TEST NUMBER: P231924

CATALOG NUMBER: FVS4WM-2-LD4-30-2STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	154.6	167.5	182.2	198.5	215.4	232.4	249.5	266.4	281.8	297.1	312.9
115°	151.5	164.0	178.2	194.1	210.7	227.2	243.9	260.7	276.1	290.6	305.8
117.5°	148.3	160.1	173.8	189.1	205.2	221.0	237.5	254.1	269.9	283.9	298.2
120°	145.0	156.2	169.1	183.7	199.3	214.5	230.7	246.5	261.7	276.1	290.0
122.5°	140.3	151.0	163.7	177.6	192.9	207.9	223.5	238.6	253.2	267.4	281.3
125°	135.6	145.8	158.1	171.3	186.0	200.9	215.7	230.0	244.0	257.8	270.9
127.5°	130.6	140.3	152.0	164.6	178.7	193.4	207.8	221.1	234.6	247.9	260.8
130°	125.5	134.7	145.8	158.0	171.3	185.2	199.1	211.7	224.7	237.8	250.7
132.5°	120.2	128.7	138.9	150.9	163.7	176.7	189.6	202.0	214.4	227.7	239.1
135°	114.8	122.5	132.1	143.4	155.5	167.9	179.8	191.6	203.7	215.7	227.1
137.5°	108.9	115.8	125.1	135.4	146.4	158.5	169.9	180.7	192.4	203.7	214.6
140°	102.9	109.2	117.8	127.2	137.4	148.3	159.3	169.6	180.2	190.8	201.2
142.5°	96.0	102.2	110.0	118.4	128.0	137.8	147.9	158.0	168.7	177.7	187.3
145°	89.1	95.0	102.0	109.8	118.5	127.8	136.7	145.8	155.1	164.2	173.2
147.5°	82.0	87.9	94.0	101.1	108.6	117.1	125.5	133.7	142.0	150.5	158.8
150°	74.9	80.5	85.9	92.2	98.8	106.2	113.7	121.4	128.9	136.7	144.4
152.5°	67.9	72.4	77.1	82.6	88.5	94.8	101.6	108.3	115.5	122.5	129.5
155°	60.9	64.3	68.5	73.0	78.5	83.8	89.8	95.7	101.7	108.1	114.2
157.5°	53.8	56.4	60.2	63.8	68.4	73.2	77.9	83.3	88.4	93.5	99.0
160°	46.7	48.4	51.8	55.0	58.3	62.6	66.8	70.8	75.4	79.7	83.9
162.5°	39.6	41.0	43.4	46.3	49.0	51.9	55.6	59.1	62.4	66.1	69.7
165°	32.5	33.7	35.0	37.4	39.8	42.0	44.2	47.2	50.1	52.9	56.0
167.5°	25.2	26.2	27.0	28.2	30.2	32.0	33.8	35.5	37.5	39.8	42.1
170°	18.1	18.8	19.4	20.1	20.8	22.4	23.9	25.3	26.7	28.0	29.2
172.5°	12.3	12.9	13.4	13.9	14.4	14.9	15.4	16.5	17.4	18.4	19.2
175°	6.4	6.9	7.3	7.7	8.2	8.6	8.9	9.3	9.6	10.0	10.3
177.5°	3.2	3.4	3.7	3.9	4.1	4.3	4.5	4.6	4.8	5.0	5.1
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231924

CATALOG NUMBER: FVS4WM-2-LD4-30-2STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	5.3	5.4	5.5	5.6	5.7	5.8	5.9	6.0	6.0	6.1	6.1
5°	10.9	11.5	12.1	12.6	13.1	13.6	14.1	14.5	14.8	15.2	15.5
7.5°	20.0	20.8	21.5	22.1	22.8	23.7	24.5	25.6	26.6	27.6	28.4
10°	31.0	32.7	34.4	35.9	37.3	38.6	39.8	41.1	42.3	43.4	44.3
12.5°	44.2	46.3	48.3	50.6	52.8	54.8	56.7	58.4	59.9	61.4	62.9
15°	58.5	61.4	64.2	66.8	69.3	71.9	74.3	76.6	78.8	80.8	82.6
17.5°	73.2	77.0	80.2	83.7	87.0	90.1	93.0	95.8	98.3	100.4	102.5
20°	88.4	92.9	97.1	101.1	105.2	109.1	112.6	115.8	118.6	121.3	123.8
22.5°	104.3	109.3	114.2	119.0	123.7	127.8	131.6	134.9	138.3	141.6	144.3
25°	120.1	125.7	131.7	136.4	141.7	146.4	150.8	155.1	159.0	162.6	165.4
27.5°	136.1	142.4	148.5	154.4	160.0	165.2	170.8	174.6	178.8	182.6	185.7
30°	151.8	158.7	165.3	171.8	177.9	183.5	188.8	193.7	198.0	201.9	205.8
32.5°	166.8	174.5	181.8	188.9	195.3	201.4	207.0	212.2	217.0	221.4	225.6
35°	181.9	190.0	197.8	205.2	212.2	218.8	224.9	230.6	236.0	240.6	244.3
37.5°	196.6	205.4	213.5	221.4	229.0	236.0	242.5	248.5	253.5	258.9	262.7
40°	211.4	220.3	228.9	237.2	245.2	252.6	259.5	265.8	271.3	276.4	281.1
42.5°	224.7	234.3	243.5	252.4	260.9	268.7	276.1	282.4	288.9	293.6	298.3
45°	237.9	247.8	257.4	266.8	275.7	284.1	291.4	298.2	304.4	310.2	314.9
47.5°	250.3	260.7	270.8	280.5	289.9	298.4	306.2	313.3	319.9	325.9	331.0
50°	262.3	273.4	283.9	293.7	303.3	312.3	320.0	327.8	335.5	340.7	345.9
52.5°	273.1	285.2	295.9	306.1	316.8	325.3	333.8	343.0	348.5	354.4	359.9
55°	283.9	296.3	307.7	318.0	328.4	338.2	347.2	354.6	361.1	367.4	373.0
57.5°	294.3	306.5	318.0	329.2	340.1	349.8	358.7	366.7	373.2	379.6	385.8
60°	303.9	316.4	328.4	339.6	350.4	360.4	369.6	377.5	384.5	390.9	397.5
62.5°	311.9	324.7	337.5	349.0	359.9	369.9	379.2	388.0	395.8	402.4	408.6
65°	319.3	332.6	345.7	357.6	368.7	378.8	388.3	397.2	405.3	412.6	418.8
67.5°	326.2	339.8	352.8	365.2	376.7	387.4	396.8	405.7	414.2	421.2	427.9
70°	332.6	346.4	359.3	372.1	383.6	394.6	404.2	413.4	421.9	429.2	437.0
72.5°	338.4	352.4	365.6	378.2	389.8	401.7	410.7	419.8	428.3	436.3	443.6
75°	342.9	357.2	370.9	383.5	395.4	406.3	416.0	425.4	434.1	441.8	449.0
77.5°	346.7	361.4	375.3	387.7	399.6	410.5	420.6	430.3	439.2	447.1	454.2
80°	349.9	364.3	378.4	391.0	403.1	414.0	424.5	433.9	442.7	451.0	458.4
82.5°	352.6	366.5	381.0	393.6	405.8	416.8	427.4	436.8	445.5	453.8	461.0
85°	354.5	368.6	382.7	395.2	407.6	418.6	429.5	438.6	447.4	455.7	462.9
87.5°	356.0	369.8	383.9	396.7	408.9	419.9	430.9	439.7	448.9	456.8	464.5
90°	356.4	369.8	383.9	397.2	408.9	419.9	430.9	440.3	448.9	457.5	464.5
92.5°	356.0	369.8	383.9	396.7	408.9	419.9	430.9	439.7	448.9	456.8	464.5
95°	354.5	368.6	382.7	395.2	407.6	418.6	429.5	438.6	447.4	455.7	462.9
97.5°	352.6	366.5	381.0	393.6	405.8	416.8	427.4	436.8	445.5	453.8	461.0
100°	349.9	364.3	378.4	391.0	403.1	414.0	424.5	433.9	442.7	451.0	458.4
102.5°	346.7	361.4	375.3	387.7	399.6	410.5	420.6	430.3	439.2	447.1	454.2
105°	342.9	357.2	370.9	383.5	395.4	406.3	416.0	425.4	434.1	441.8	449.0
107.5°	338.4	352.4	365.6	378.2	389.8	401.7	410.7	419.8	428.3	436.3	443.6
110°	332.6	346.4	359.3	372.1	383.6	394.6	404.2	413.4	421.9	429.2	437.0



TEST NUMBER: P231924

CATALOG NUMBER: FVS4WM-2-LD4-30-2STD-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°	326.2	339.8	352.8	365.2	376.7	387.4	396.8	405.7	414.2	421.2	427.9
115°	319.3	332.6	345.7	357.6	368.7	378.8	388.3	397.2	405.3	412.6	418.8
117.5°	311.9	324.7	337.5	349.0	359.9	369.9	379.2	388.0	395.8	402.4	408.6
120°	303.9	316.4	328.4	339.6	350.4	360.4	369.6	377.5	384.5	390.9	397.5
122.5°	294.3	306.5	318.0	329.2	340.1	349.8	358.7	366.7	373.2	379.6	385.8
125°	283.9	296.3	307.7	318.0	328.4	338.2	347.2	354.6	361.1	367.4	373.0
127.5°	273.1	285.2	295.9	306.1	316.8	325.3	333.8	343.0	348.5	354.4	359.9
130°	262.3	273.4	283.9	293.7	303.3	312.3	320.0	327.8	335.5	340.7	345.9
132.5°	250.3	260.7	270.8	280.5	289.9	298.4	306.2	313.3	319.9	325.9	331.0
135°	237.9	247.8	257.4	266.8	275.7	284.1	291.4	298.2	304.4	310.2	314.9
137.5°	224.7	234.3	243.5	252.4	260.9	268.7	276.1	282.4	288.9	293.6	298.3
140°	211.4	220.3	228.9	237.2	245.2	252.6	259.5	265.8	271.3	276.4	281.1
142.5°	196.6	205.4	213.5	221.4	229.0	236.0	242.5	248.5	253.5	258.9	262.7
145°	181.9	190.0	197.8	205.2	212.2	218.8	224.9	230.6	236.0	240.6	244.3
147.5°	166.8	174.5	181.8	188.9	195.3	201.4	207.0	212.2	217.0	221.4	225.6
150°	151.8	158.7	165.3	171.8	177.9	183.5	188.8	193.7	198.0	201.9	205.8
152.5°	136.1	142.4	148.5	154.4	160.0	165.2	170.8	174.6	178.8	182.6	185.7
155°	120.1	125.7	131.7	136.4	141.7	146.4	150.8	155.1	159.0	162.6	165.4
157.5°	104.3	109.3	114.2	119.0	123.7	127.8	131.6	134.9	138.3	141.6	144.3
160°	88.4	92.9	97.1	101.1	105.2	109.1	112.6	115.8	118.6	121.3	123.8
162.5°	73.2	77.0	80.2	83.7	87.0	90.1	93.0	95.8	98.3	100.4	102.5
165°	58.5	61.4	64.2	66.8	69.3	71.9	74.3	76.6	78.8	80.8	82.6
167.5°	44.2	46.3	48.3	50.6	52.8	54.8	56.7	58.4	59.9	61.4	62.9
170°	31.0	32.7	34.4	35.9	37.3	38.6	39.8	41.1	42.3	43.4	44.3
172.5°	20.0	20.8	21.5	22.1	22.8	23.7	24.5	25.6	26.6	27.6	28.4
175°	10.9	11.5	12.1	12.6	13.1	13.6	14.1	14.5	14.8	15.2	15.5
177.5°	5.3	5.4	5.5	5.6	5.7	5.8	5.9	6.0	6.0	6.1	6.1
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231924

CATALOG NUMBER: FVS4WM-2-LD4-30-2STD-PFS125-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°	6.1	6.1	6.1	6.1	6.1	6.1	6.2	6.1	6.0	5.9	5.7
5°	15.7	15.9	16.1	16.3	16.4	16.4	16.4	16.4	16.7	16.4	16.2
7.5°	29.1	29.8	30.4	30.9	31.3	31.6	31.8	32.0	32.0	32.4	32.0
10°	45.1	46.2	47.3	48.1	48.9	49.5	50.0	50.4	50.6	51.3	50.9
12.5°	64.2	65.3	66.3	67.2	68.3	69.3	70.1	70.6	71.0	71.2	71.5
15°	84.3	85.7	86.9	87.8	88.5	89.4	90.4	91.1	91.5	91.7	92.2
17.5°	104.5	106.4	108.0	109.3	110.3	111.0	111.8	112.7	113.3	113.7	114.3
20°	126.0	128.0	129.6	130.9	132.0	132.8	133.4	134.2	135.1	135.7	136.7
22.5°	146.6	148.2	149.7	151.8	153.4	154.6	155.5	155.9	156.8	157.4	158.3
25°	167.9	170.2	172.1	173.6	175.2	176.3	177.0	177.2	177.5	178.4	178.9
27.5°	188.4	190.9	193.1	194.9	196.0	197.2	197.9	198.1	197.9	198.9	199.6
30°	208.5	211.2	213.6	215.4	216.7	217.6	218.6	219.0	218.9	219.2	220.0
32.5°	228.9	231.3	233.2	235.4	237.2	238.4	239.1	239.5	239.2	238.8	239.6
35°	247.6	250.6	253.5	256.0	257.8	258.5	258.7	258.9	258.6	257.9	258.7
37.5°	266.5	269.9	272.8	274.8	276.0	277.1	277.8	278.0	277.9	277.2	277.6
40°	285.0	288.8	291.4	293.3	294.8	295.9	296.4	296.2	295.9	295.1	295.0
42.5°	302.3	305.7	308.7	310.8	312.4	313.3	313.9	313.9	313.6	312.9	312.0
45°	319.2	324.2	327.4	328.3	329.5	331.2	330.9	330.8	330.0	329.4	328.4
47.5°	336.1	340.3	342.9	344.3	345.4	346.3	346.8	346.7	346.2	345.8	345.1
50°	350.2	354.0	357.0	359.1	360.8	362.0	362.6	362.4	361.7	360.9	360.3
52.5°	364.3	368.3	372.6	375.0	375.9	376.9	377.4	377.4	376.7	375.4	375.3
55°	378.0	384.2	388.5	388.9	390.1	391.3	391.8	392.0	391.1	389.0	388.7
57.5°	391.7	396.9	399.1	401.5	404.1	404.8	405.5	405.4	404.5	402.8	402.4
60°	403.0	407.9	411.5	414.2	416.0	417.4	418.0	417.7	416.9	415.6	414.6
62.5°	414.0	418.9	422.8	425.6	427.8	429.5	429.8	429.7	428.6	427.1	425.8
65°	424.2	429.2	433.3	436.4	438.7	440.3	440.7	440.7	439.2	437.7	436.4
67.5°	433.8	439.1	442.6	445.9	448.4	449.9	450.4	450.3	448.9	447.0	445.7
70°	442.2	447.5	451.7	454.8	457.0	458.8	459.1	458.8	457.7	455.2	453.9
72.5°	449.4	454.9	459.5	462.4	464.9	466.7	467.1	466.5	465.4	463.6	461.4
75°	455.5	460.8	465.6	469.2	472.1	473.4	473.6	473.4	472.5	470.5	468.7
77.5°	461.0	466.5	471.2	475.0	477.2	478.7	479.6	478.9	478.1	476.3	474.6
80°	465.2	470.8	475.2	478.7	481.3	483.1	483.8	483.5	483.0	481.5	479.5
82.5°	467.7	473.3	477.9	481.3	483.8	485.4	486.4	486.5	486.2	484.7	483.4
85°	469.7	475.3	479.9	483.0	485.2	486.9	487.8	487.9	487.6	486.6	486.0
87.5°	470.8	476.1	480.8	483.9	485.9	487.2	487.9	488.0	487.3	486.0	486.1
90°	471.6	476.3	481.0	484.1	485.7	487.3	487.3	487.3	486.5	484.1	482.6
92.5°	470.8	476.1	480.8	483.9	485.9	487.2	487.9	488.0	487.3	486.0	486.1
95°	469.7	475.3	479.9	483.0	485.2	486.9	487.8	487.9	487.6	486.6	486.0
97.5°	467.7	473.3	477.9	481.3	483.8	485.4	486.4	486.5	486.2	484.7	483.4
100°	465.2	470.8	475.2	478.7	481.3	483.1	483.8	483.5	483.0	481.5	479.5
102.5°	461.0	466.5	471.2	475.0	477.2	478.7	479.6	478.9	478.1	476.3	474.6
105°	455.5	460.8	465.6	469.2	472.1	473.4	473.6	473.4	472.5	470.5	468.7
107.5°	449.4	454.9	459.5	462.4	464.9	466.7	467.1	466.5	465.4	463.6	461.4
110°	442.2	447.5	451.7	454.8	457.0	458.8	459.1	458.8	457.7	455.2	453.9



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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°	433.8	439.1	442.6	445.9	448.4	449.9	450.4	450.3	448.9	447.0	445.7
115°	424.2	429.2	433.3	436.4	438.7	440.3	440.7	440.7	439.2	437.7	436.4
117.5°	414.0	418.9	422.8	425.6	427.8	429.5	429.8	429.7	428.6	427.1	425.8
120°	403.0	407.9	411.5	414.2	416.0	417.4	418.0	417.7	416.9	415.6	414.6
122.5°	391.7	396.9	399.1	401.5	404.1	404.8	405.5	405.4	404.5	402.8	402.4
125°	378.0	384.2	388.5	388.9	390.1	391.3	391.8	392.0	391.1	389.0	388.7
127.5°	364.3	368.3	372.6	375.0	375.9	376.9	377.4	377.4	376.7	375.4	375.3
130°	350.2	354.0	357.0	359.1	360.8	362.0	362.6	362.4	361.7	360.9	360.3
132.5°	336.1	340.3	342.9	344.3	345.4	346.3	346.8	346.7	346.2	345.8	345.1
135°	319.2	324.2	327.4	328.3	329.5	331.2	330.9	330.8	330.0	329.4	328.4
137.5°	302.3	305.7	308.7	310.8	312.4	313.3	313.9	313.9	313.6	312.9	312.0
140°	285.0	288.8	291.4	293.3	294.8	295.9	296.4	296.2	295.9	295.1	295.0
142.5°	266.5	269.9	272.8	274.8	276.0	277.1	277.8	278.0	277.9	277.2	277.6
145°	247.6	250.6	253.5	256.0	257.8	258.5	258.7	258.9	258.6	257.9	258.7
147.5°	228.9	231.3	233.2	235.4	237.2	238.4	239.1	239.5	239.2	238.8	239.6
150°	208.5	211.2	213.6	215.4	216.7	217.6	218.6	219.0	218.9	219.2	220.0
152.5°	188.4	190.9	193.1	194.9	196.0	197.2	197.9	198.1	197.9	198.9	199.6
155°	167.9	170.2	172.1	173.6	175.2	176.3	177.0	177.2	177.5	178.4	178.9
157.5°	146.6	148.2	149.7	151.8	153.4	154.6	155.5	155.9	156.8	157.4	158.3
160°	126.0	128.0	129.6	130.9	132.0	132.8	133.4	134.2	135.1	135.7	136.7
162.5°	104.5	106.4	108.0	109.3	110.3	111.0	111.8	112.7	113.3	113.7	114.3
165°	84.3	85.7	86.9	87.8	88.5	89.4	90.4	91.1	91.5	91.7	92.2
167.5°	64.2	65.3	66.3	67.2	68.3	69.3	70.1	70.6	71.0	71.2	71.5
170°	45.1	46.2	47.3	48.1	48.9	49.5	50.0	50.4	50.6	51.3	50.9
172.5°	29.1	29.8	30.4	30.9	31.3	31.6	31.8	32.0	32.0	32.4	32.0
175°	15.7	15.9	16.1	16.3	16.4	16.4	16.4	16.4	16.7	16.4	16.2
177.5°	6.1	6.1	6.1	6.1	6.1	6.1	6.2	6.1	6.0	5.9	5.7
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°	5.6	5.5
5°	15.9	15.7
7.5°	31.7	31.3
10°	50.5	50.1
12.5°	71.0	70.5
15°	91.5	90.9
17.5°	113.5	112.8
20°	136.1	135.5
22.5°	157.5	156.7
25°	179.2	178.6
27.5°	200.2	199.8
30°	220.6	220.1
32.5°	240.2	239.7
35°	259.6	259.3
37.5°	278.9	278.9
40°	296.6	296.9
42.5°	313.4	313.4
45°	329.8	329.8
47.5°	346.3	346.3
50°	361.1	361.1
52.5°	376.6	377.6
55°	389.8	390.9
57.5°	403.6	404.2
60°	415.4	416.8
62.5°	426.4	427.7
65°	437.4	437.9
67.5°	446.0	447.3
70°	454.6	455.9
72.5°	462.5	463.8
75°	469.3	470.8
77.5°	475.5	477.1
80°	479.6	481.0
82.5°	483.6	484.9
85°	486.9	488.0
87.5°	488.2	489.6
90°	483.3	488.0
92.5°	488.2	489.6
95°	486.9	488.0
97.5°	483.6	484.9
100°	479.6	481.0
102.5°	475.5	477.1
105°	469.3	470.8
107.5°	462.5	463.8
110°	454.6	455.9



TEST NUMBER: P231924

CATALOG NUMBER: FVS4WM-2-LD4-30-2STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	446.0	447.3
115°	437.4	437.9
117.5°	426.4	427.7
120°	415.4	416.8
122.5°	403.6	404.2
125°	389.8	390.9
127.5°	376.6	377.6
130°	361.1	361.1
132.5°	346.3	346.3
135°	329.8	329.8
137.5°	313.4	313.4
140°	296.6	296.9
142.5°	278.9	278.9
145°	259.6	259.3
147.5°	240.2	239.7
150°	220.6	220.1
152.5°	200.2	199.8
155°	179.2	178.6
157.5°	157.5	156.7
160°	136.1	135.5
162.5°	113.5	112.8
165°	91.5	90.9
167.5°	71.0	70.5
170°	50.5	50.1
172.5°	31.7	31.3
175°	15.9	15.7
177.5°	5.6	5.5
180°	0.0	0.0

(END OF REPORT)