

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: P231962

Luminaire Tested: **FVS4WM-4-LD4-40-1STD-PFS125-UNV-EDC1**

Issue Date: 3/3/2020



Test Information

Test Method: LM-79-08
Report Number: P231962
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-LD4-40-1STD-PFS125-UNV-EDC1
Description: FAILSAFE FVS LED FIXTURE
4FT LENGTH, 1-MODULE LED WITH PFS125 LENS
Light Source: (84) 4000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

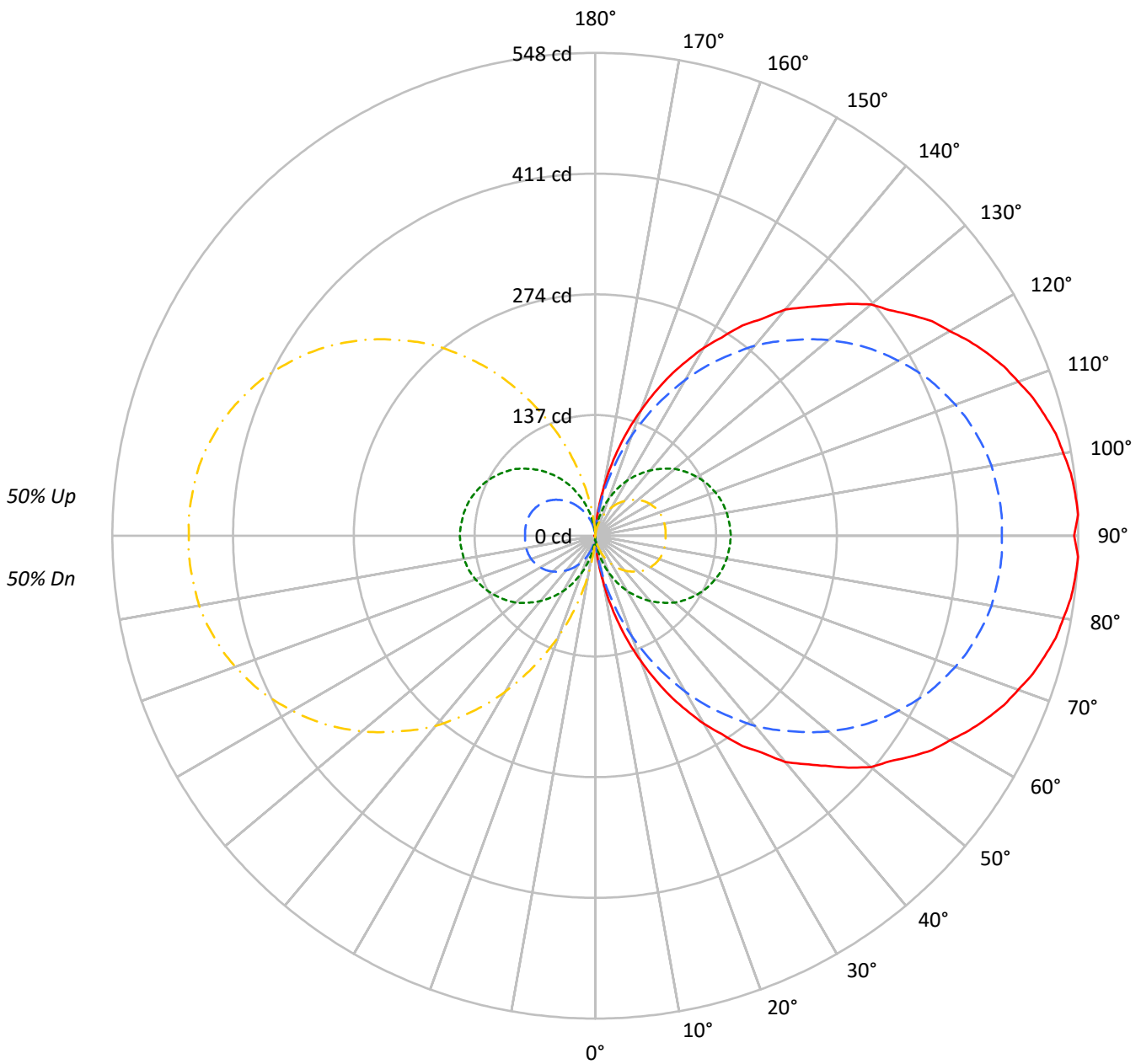
Lumens per Lamp: N/A
Luminaire Lumens: 2376.2 lumens
Efficiency: N/A
Efficacy: 70.7 lumens/watt
Spacing Criteria (0/90/45): 17.48 / 14.33 / 15.67
Luminous Opening: Rectangular w/ Sides (W: 3.79' x L: 0.19' x H: 0.31')
CIE Type: General Diffuse

Input Watts (W): 33.6
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

TEST NUMBER: P231962

CATALOG NUMBER: FVS4WM-4-LD4-40-1STD-PFS125-UNV-EDC1

Luminous Intensity Polar Plot



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



TEST NUMBER: P231962

CATALOG NUMBER: FVS4WM-4-LD4-40-1STD-PFS125-UNV-EDC1

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20									20									20									20									20									
RC	80									70									50									30									10									0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	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°	12	12	12	12
5°	248	86	0	86
10°	667	247	0	247
15°	1119	462	0	462
20°	1517	699	0	699
25°	1881	943	0	943
30°	2195	1208	0	1208
35°	2484	1478	0	1478
40°	2761	1789	0	1789
45°	2965	2125	0	2125
50°	3221	2529	0	2529
55°	3411	2978	0	2978
60°	3618	3535	6	3535
65°	3842	4259	6	4259
70°	4053	5226	6	5226
75°	4277	6657	6	6657
80°	4499	8990	0	8990
85°	4736	13677	0	13677



TEST NUMBER: P231962

CATALOG NUMBER: FVS4WM-4-LD4-40-1STD-PFS125-UNV-EDC1

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1.3	0.1
10°-20°	13.3	0.6
20°-30°	41.5	1.7
30°-40°	82.6	3.5
40°-50°	130.5	5.5
50°-60°	178.7	7.5
60°-70°	221.0	9.3
70°-80°	251.9	10.6
80°-90°	267.2	11.2
90°-100°	267.2	11.2
100°-110°	251.9	10.6
110°-120°	221.0	9.3
120°-130°	178.7	7.5
130°-140°	130.5	5.5
140°-150°	82.6	3.5
150°-160°	41.5	1.7
160°-170°	13.3	0.6
170°-180°	1.3	0.1
0°-30°	56.1	2.4
0°-40°	138.7	5.8
0°-60°	448.0	18.9
0°-90°	1188.1	50.0
90°-120°	740.1	31.1
90°-150°	1132.0	47.6
90°-180°	1188.0	50.0
0°-180°	2376.2	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1	1	1	1	1	
5°	19	6	0	6	19	3
15°	103	30	0	30	103	31
25°	200	59	0	59	200	94
35°	291	85	0	85	291	183
45°	369	107	0	107	369	288
55°	437	126	0	126	437	392
65°	490	140	1	140	490	486
75°	528	149	1	149	528	558
85°	547	153	0	153	547	445
90°	543	154	0	154	543	299
95°	547	153	0	153	547	445
105°	528	149	1	149	528	558
115°	490	140	1	140	490	486
125°	437	126	0	126	437	392
135°	369	107	0	107	369	288
145°	291	85	0	85	291	183
155°	200	59	0	59	200	94
165°	103	30	0	30	103	31
175°	19	6	0	6	19	3
180°	0	0	0	0	0	



TEST NUMBER: P231962

CATALOG NUMBER: FVS4WM-4-LD4-40-1STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
2.5°	5.7	5.8	5.9	6.1	6.2	6.3	6.4	6.3	6.4	6.4	6.4
5°	18.7	18.9	19.1	19.3	19.6	19.2	19.1	19.0	18.8	18.6	18.4
7.5°	36.6	36.9	37.1	37.4	36.9	36.7	36.4	36.0	35.5	35.0	34.3
10°	56.1	56.5	57.0	57.4	56.6	56.3	55.9	55.3	54.6	53.7	52.6
12.5°	79.7	80.2	80.6	80.0	79.7	79.2	78.4	77.4	76.2	74.9	73.8
15°	103.3	104.0	104.6	104.0	103.7	103.0	102.1	100.9	99.7	98.8	97.6
17.5°	127.7	128.5	129.2	128.5	128.1	127.4	126.3	125.3	124.3	123.1	121.5
20°	151.3	152.0	152.8	151.9	151.4	150.5	149.7	149.0	148.0	146.7	145.0
22.5°	175.7	176.5	177.4	176.3	175.6	174.6	174.2	173.4	172.1	170.2	167.9
25°	200.1	201.1	201.0	200.7	199.9	199.5	198.9	198.0	196.6	195.0	193.1
27.5°	222.9	223.9	223.9	223.7	223.1	223.2	222.8	221.7	219.9	218.2	215.9
30°	246.4	247.4	247.1	246.7	246.4	246.5	246.0	245.0	243.9	242.4	239.8
32.5°	266.8	267.8	267.7	267.3	268.0	268.4	268.1	267.3	265.9	263.9	261.4
35°	291.2	291.5	290.4	289.4	289.9	290.0	289.7	289.3	288.1	286.0	283.5
37.5°	309.9	311.1	311.0	310.8	310.8	310.3	310.5	310.6	309.9	307.8	305.1
40°	335.1	333.8	331.0	330.6	330.9	330.6	330.9	330.6	329.8	328.0	325.3
42.5°	351.4	351.0	349.2	349.7	350.1	350.7	351.1	350.7	349.9	348.1	345.4
45°	369.3	369.3	367.7	369.1	369.7	370.3	370.6	370.7	368.8	367.2	364.3
47.5°	389.6	387.8	385.2	386.4	387.4	388.4	388.6	387.8	386.5	385.4	382.8
50°	408.3	405.9	403.3	404.0	404.9	405.5	405.8	405.5	404.6	402.1	399.2
52.5°	420.5	420.0	419.4	420.3	421.9	423.0	423.3	423.0	421.6	419.0	415.6
55°	436.8	436.8	436.1	436.5	437.9	438.9	439.3	439.1	437.5	434.4	430.9
57.5°	453.0	451.1	450.6	451.3	452.5	454.2	454.8	454.0	452.4	448.5	444.6
60°	464.4	465.1	464.9	465.7	466.7	468.1	468.7	467.7	465.6	461.6	457.1
62.5°	478.3	477.8	476.5	478.7	480.3	481.5	481.7	480.4	478.1	474.8	469.5
65°	490.5	489.9	488.7	490.8	492.2	494.0	493.7	492.4	489.6	486.1	481.7
67.5°	501.8	500.4	499.9	501.5	503.1	505.0	504.2	502.3	499.2	496.0	492.4
70°	510.8	510.5	509.9	511.2	513.5	514.1	513.2	511.0	508.4	505.4	502.5
72.5°	520.6	519.1	518.0	519.9	522.9	521.6	520.8	519.1	516.9	514.7	510.7
75°	527.9	525.8	525.6	528.2	528.7	528.3	527.0	526.3	524.2	521.5	517.8
77.5°	535.2	532.3	532.2	534.5	533.7	533.2	533.2	532.8	530.9	528.1	524.1
80°	539.3	537.1	537.8	537.9	536.6	537.9	538.9	538.2	535.6	532.8	528.6
82.5°	544.1	541.1	541.1	538.9	541.5	542.3	542.4	541.3	539.0	536.0	531.7
85°	546.6	544.4	539.6	542.4	543.8	544.3	544.5	543.3	541.1	538.4	534.0
87.5°	548.2	541.4	541.9	542.8	544.1	544.4	544.0	543.2	541.5	538.5	534.3
90°	543.3	538.4	538.4	540.9	542.5	543.3	544.1	542.5	540.9	538.4	534.4
92.5°	548.2	541.4	541.9	542.8	544.1	544.4	544.0	543.2	541.5	538.5	534.3
95°	546.6	544.4	539.6	542.4	543.8	544.3	544.5	543.3	541.1	538.4	534.0
97.5°	544.1	541.1	541.1	538.9	541.5	542.3	542.4	541.3	539.0	536.0	531.7
100°	539.3	537.1	537.8	537.9	536.6	537.9	538.9	538.2	535.6	532.8	528.6
102.5°	535.2	532.3	532.2	534.5	533.7	533.2	533.2	532.8	530.9	528.1	524.1
105°	527.9	525.8	525.6	528.2	528.7	528.3	527.0	526.3	524.2	521.5	517.8
107.5°	520.6	519.1	518.0	519.9	522.9	521.6	520.8	519.1	516.9	514.7	510.7
110°	510.8	510.5	509.9	511.2	513.5	514.1	513.2	511.0	508.4	505.4	502.5



TEST NUMBER: P231962

CATALOG NUMBER: FVS4WM-4-LD4-40-1STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
112.5°	501.8	500.4	499.9	501.5	503.1	505.0	504.2	502.3	499.2	496.0	492.4
115°	490.5	489.9	488.7	490.8	492.2	494.0	493.7	492.4	489.6	486.1	481.7
117.5°	478.3	477.8	476.5	478.7	480.3	481.5	481.7	480.4	478.1	474.8	469.5
120°	464.4	465.1	464.9	465.7	466.7	468.1	468.7	467.7	465.6	461.6	457.1
122.5°	453.0	451.1	450.6	451.3	452.5	454.2	454.8	454.0	452.4	448.5	444.6
125°	436.8	436.8	436.1	436.5	437.9	438.9	439.3	439.1	437.5	434.4	430.9
127.5°	420.5	420.0	419.4	420.3	421.9	423.0	423.3	423.0	421.6	419.0	415.6
130°	408.3	405.9	403.3	404.0	404.9	405.5	405.8	405.5	404.6	402.1	399.2
132.5°	389.6	387.8	385.2	386.4	387.4	388.4	388.6	387.8	386.5	385.4	382.8
135°	369.3	369.3	367.7	369.1	369.7	370.3	370.6	370.7	368.8	367.2	364.3
137.5°	351.4	351.0	349.2	349.7	350.1	350.7	351.1	350.7	349.9	348.1	345.4
140°	335.1	333.8	331.0	330.6	330.9	330.6	330.9	330.6	329.8	328.0	325.3
142.5°	309.9	311.1	311.0	310.8	310.8	310.3	310.5	310.6	309.9	307.8	305.1
145°	291.2	291.5	290.4	289.4	289.9	290.0	289.7	289.3	288.1	286.0	283.5
147.5°	266.8	267.8	267.7	267.3	268.0	268.4	268.1	267.3	265.9	263.9	261.4
150°	246.4	247.4	247.1	246.7	246.4	246.5	246.0	245.0	243.9	242.4	239.8
152.5°	222.9	223.9	223.9	223.7	223.1	223.2	222.8	221.7	219.9	218.2	215.9
155°	200.1	201.1	201.0	200.7	199.9	199.5	198.9	198.0	196.6	195.0	193.1
157.5°	175.7	176.5	177.4	176.3	175.6	174.6	174.2	173.4	172.1	170.2	167.9
160°	151.3	152.0	152.8	151.9	151.4	150.5	149.7	149.0	148.0	146.7	145.0
162.5°	127.7	128.5	129.2	128.5	128.1	127.4	126.3	125.3	124.3	123.1	121.5
165°	103.3	104.0	104.6	104.0	103.7	103.0	102.1	100.9	99.7	98.8	97.6
167.5°	79.7	80.2	80.6	80.0	79.7	79.2	78.4	77.4	76.2	74.9	73.8
170°	56.1	56.5	57.0	57.4	56.6	56.3	55.9	55.3	54.6	53.7	52.6
172.5°	36.6	36.9	37.1	37.4	36.9	36.7	36.4	36.0	35.5	35.0	34.3
175°	18.7	18.9	19.1	19.3	19.6	19.2	19.1	19.0	18.8	18.6	18.4
177.5°	5.7	5.8	5.9	6.1	6.2	6.3	6.4	6.3	6.4	6.4	6.4
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: P231962

CATALOG NUMBER: FVS4WM-4-LD4-40-1STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
2.5°	6.4	6.4	6.4	6.4	6.4	6.3	6.3	6.2	6.1	6.0	5.9
5°	18.1	17.8	17.4	17.0	16.5	16.0	15.5	14.9	14.3	13.6	12.9
7.5°	33.5	32.7	31.8	30.8	29.7	28.5	27.2	26.4	25.2	24.4	23.6
10°	51.4	50.0	49.2	48.1	46.8	45.4	44.1	42.7	41.2	39.6	37.9
12.5°	72.8	71.6	70.1	68.4	66.6	64.9	62.9	60.8	58.5	56.1	53.4
15°	96.1	94.5	92.6	90.6	88.3	85.7	83.0	80.1	76.9	73.9	70.8
17.5°	119.6	117.5	115.2	112.7	110.2	107.4	104.4	101.0	97.3	93.2	88.9
20°	142.9	140.5	138.0	135.3	132.2	128.8	125.2	121.4	117.4	113.0	108.0
22.5°	165.7	163.4	160.6	157.5	154.0	150.2	146.2	141.8	137.3	132.0	126.5
25°	190.4	187.2	183.7	179.7	175.9	171.8	167.4	162.5	157.3	151.6	146.4
27.5°	213.2	210.2	207.0	203.3	198.7	193.8	189.4	183.1	177.2	170.8	164.0
30°	236.5	233.0	229.9	225.5	221.0	215.9	210.3	204.3	197.7	190.4	182.5
32.5°	259.2	256.1	252.0	247.3	242.6	237.3	231.2	224.5	217.4	209.9	201.3
35°	280.5	277.1	273.1	268.3	262.9	256.9	250.6	243.5	236.3	228.1	219.1
37.5°	302.1	298.8	294.7	290.0	282.9	276.8	270.1	262.2	254.1	246.0	236.3
40°	322.5	319.6	315.2	309.2	302.7	295.9	289.4	281.7	272.1	262.5	252.2
42.5°	342.4	339.1	334.7	328.4	322.1	313.8	305.9	298.2	289.6	279.5	268.6
45°	361.3	356.8	352.0	347.1	339.8	331.5	322.8	313.7	305.0	295.3	284.2
47.5°	378.7	373.7	368.3	362.8	356.3	348.2	339.5	330.1	320.2	310.1	298.8
50°	395.3	390.3	385.0	379.0	372.5	363.9	355.2	345.6	335.2	324.4	312.6
52.5°	411.3	406.0	400.3	394.0	386.4	378.9	369.7	359.7	349.5	338.1	325.8
55°	426.1	420.8	415.1	408.8	400.6	392.5	383.7	373.4	362.0	350.2	338.7
57.5°	439.9	434.8	429.1	422.0	414.1	406.0	396.3	385.8	374.9	362.3	349.2
60°	453.0	447.7	441.4	434.3	426.3	417.7	408.0	397.1	385.7	373.1	359.7
62.5°	464.7	459.8	453.3	446.0	437.8	429.3	419.4	408.0	395.5	383.1	369.5
65°	476.8	471.2	464.3	456.9	448.1	439.5	430.3	418.4	405.8	392.5	378.7
67.5°	487.6	482.1	474.6	466.6	457.6	448.5	438.7	426.7	414.6	401.3	386.7
70°	497.4	491.1	484.0	475.8	466.4	456.9	446.5	434.7	422.2	408.9	394.0
72.5°	505.6	499.3	492.1	483.7	474.1	464.0	453.7	442.0	428.8	415.2	400.0
75°	512.7	506.1	499.0	490.4	480.8	470.3	459.7	447.4	434.6	420.5	405.4
77.5°	518.6	512.2	504.4	495.7	485.8	475.9	464.9	452.6	439.3	424.9	409.7
80°	523.2	516.8	508.8	499.9	490.1	480.0	468.8	456.5	442.9	428.4	413.1
82.5°	526.4	520.3	512.4	503.4	493.6	483.0	470.8	458.6	445.5	431.0	415.9
85°	529.0	522.6	514.5	505.5	495.5	485.1	472.7	460.5	447.1	433.0	418.2
87.5°	529.3	523.0	515.6	506.7	496.1	486.4	474.0	461.8	448.5	434.3	419.4
90°	528.7	523.0	514.9	506.7	496.1	486.4	473.4	461.2	449.0	434.3	418.9
92.5°	529.3	523.0	515.6	506.7	496.1	486.4	474.0	461.8	448.5	434.3	419.4
95°	529.0	522.6	514.5	505.5	495.5	485.1	472.7	460.5	447.1	433.0	418.2
97.5°	526.4	520.3	512.4	503.4	493.6	483.0	470.8	458.6	445.5	431.0	415.9
100°	523.2	516.8	508.8	499.9	490.1	480.0	468.8	456.5	442.9	428.4	413.1
102.5°	518.6	512.2	504.4	495.7	485.8	475.9	464.9	452.6	439.3	424.9	409.7
105°	512.7	506.1	499.0	490.4	480.8	470.3	459.7	447.4	434.6	420.5	405.4
107.5°	505.6	499.3	492.1	483.7	474.1	464.0	453.7	442.0	428.8	415.2	400.0
110°	497.4	491.1	484.0	475.8	466.4	456.9	446.5	434.7	422.2	408.9	394.0



TEST NUMBER: P231962

CATALOG NUMBER: FVS4WM-4-LD4-40-1STD-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°	487.6	482.1	474.6	466.6	457.6	448.5	438.7	426.7	414.6	401.3	386.7
115°	476.8	471.2	464.3	456.9	448.1	439.5	430.3	418.4	405.8	392.5	378.7
117.5°	464.7	459.8	453.3	446.0	437.8	429.3	419.4	408.0	395.5	383.1	369.5
120°	453.0	447.7	441.4	434.3	426.3	417.7	408.0	397.1	385.7	373.1	359.7
122.5°	439.9	434.8	429.1	422.0	414.1	406.0	396.3	385.8	374.9	362.3	349.2
125°	426.1	420.8	415.1	408.8	400.6	392.5	383.7	373.4	362.0	350.2	338.7
127.5°	411.3	406.0	400.3	394.0	386.4	378.9	369.7	359.7	349.5	338.1	325.8
130°	395.3	390.3	385.0	379.0	372.5	363.9	355.2	345.6	335.2	324.4	312.6
132.5°	378.7	373.7	368.3	362.8	356.3	348.2	339.5	330.1	320.2	310.1	298.8
135°	361.3	356.8	352.0	347.1	339.8	331.5	322.8	313.7	305.0	295.3	284.2
137.5°	342.4	339.1	334.7	328.4	322.1	313.8	305.9	298.2	289.6	279.5	268.6
140°	322.5	319.6	315.2	309.2	302.7	295.9	289.4	281.7	272.1	262.5	252.2
142.5°	302.1	298.8	294.7	290.0	282.9	276.8	270.1	262.2	254.1	246.0	236.3
145°	280.5	277.1	273.1	268.3	262.9	256.9	250.6	243.5	236.3	228.1	219.1
147.5°	259.2	256.1	252.0	247.3	242.6	237.3	231.2	224.5	217.4	209.9	201.3
150°	236.5	233.0	229.9	225.5	221.0	215.9	210.3	204.3	197.7	190.4	182.5
152.5°	213.2	210.2	207.0	203.3	198.7	193.8	189.4	183.1	177.2	170.8	164.0
155°	190.4	187.2	183.7	179.7	175.9	171.8	167.4	162.5	157.3	151.6	146.4
157.5°	165.7	163.4	160.6	157.5	154.0	150.2	146.2	141.8	137.3	132.0	126.5
160°	142.9	140.5	138.0	135.3	132.2	128.8	125.2	121.4	117.4	113.0	108.0
162.5°	119.6	117.5	115.2	112.7	110.2	107.4	104.4	101.0	97.3	93.2	88.9
165°	96.1	94.5	92.6	90.6	88.3	85.7	83.0	80.1	76.9	73.9	70.8
167.5°	72.8	71.6	70.1	68.4	66.6	64.9	62.9	60.8	58.5	56.1	53.4
170°	51.4	50.0	49.2	48.1	46.8	45.4	44.1	42.7	41.2	39.6	37.9
172.5°	33.5	32.7	31.8	30.8	29.7	28.5	27.2	26.4	25.2	24.4	23.6
175°	18.1	17.8	17.4	17.0	16.5	16.0	15.5	14.9	14.3	13.6	12.9
177.5°	6.4	6.4	6.4	6.4	6.4	6.3	6.3	6.2	6.1	6.0	5.9
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231962

CATALOG NUMBER: FVS4WM-4-LD4-40-1STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
2.5°	5.8	5.7	5.5	5.4	5.2	5.1	4.9	4.7	4.5	4.3	4.1
5°	12.2	11.4	10.6	10.3	10.0	9.6	9.3	8.9	8.5	8.0	7.6
7.5°	22.7	21.8	20.8	19.7	18.5	17.3	16.0	15.4	14.9	14.3	13.7
10°	36.0	34.0	32.0	30.4	28.8	27.2	25.4	23.6	21.7	20.7	19.9
12.5°	51.0	48.6	46.0	43.3	40.5	38.1	36.0	33.8	31.5	29.1	27.6
15°	67.5	64.0	60.9	57.2	53.9	50.5	46.9	44.2	41.4	38.6	35.6
17.5°	84.9	80.2	76.0	71.6	67.3	63.4	59.2	54.9	51.4	48.0	44.6
20°	102.7	97.3	91.9	86.9	81.8	76.5	71.7	66.7	61.4	57.5	53.5
22.5°	120.6	114.5	108.4	102.1	96.2	90.3	84.0	78.5	73.1	67.9	63.6
25°	138.7	131.4	124.1	117.5	110.8	103.9	96.9	89.9	83.6	77.0	72.1
27.5°	156.9	149.2	141.3	133.5	125.6	117.5	109.8	102.0	94.5	87.3	80.8
30°	174.6	166.5	158.2	149.4	140.5	131.7	122.8	114.2	105.8	97.7	90.0
32.5°	192.3	183.4	174.5	165.2	155.4	145.5	135.6	125.7	115.9	106.9	98.3
35°	209.6	199.8	189.9	179.8	169.2	158.4	147.5	137.0	125.9	115.6	106.5
37.5°	226.0	215.6	204.6	193.7	183.4	171.2	159.5	147.6	136.3	125.2	115.3
40°	241.4	230.9	219.5	207.8	195.8	183.5	171.0	158.6	146.5	135.3	124.4
42.5°	256.8	245.4	233.6	221.6	209.0	195.7	182.3	169.1	155.9	143.9	132.0
45°	272.2	259.9	247.0	234.1	221.2	207.2	193.2	179.0	165.2	152.0	139.1
47.5°	286.7	273.9	260.3	246.4	232.4	218.4	203.6	188.6	173.8	159.6	146.2
50°	300.1	287.2	273.5	258.0	243.4	228.7	213.2	197.6	182.0	167.0	153.1
52.5°	312.7	299.1	285.0	270.1	254.5	238.6	222.5	206.3	190.2	174.0	159.5
55°	324.6	310.4	295.8	280.7	264.3	247.6	231.0	214.6	198.4	181.3	165.6
57.5°	335.4	320.7	306.3	290.3	273.6	256.3	239.1	222.2	205.2	187.5	171.2
60°	346.1	330.5	315.2	299.2	282.3	264.7	246.7	229.3	211.1	193.1	176.5
62.5°	355.0	339.8	324.2	307.6	290.4	272.6	253.7	235.5	217.0	198.5	181.0
65°	363.7	348.1	332.3	315.2	297.3	279.4	259.9	240.9	222.5	203.6	185.3
67.5°	371.9	356.2	339.5	322.4	303.9	285.6	265.8	246.4	227.6	208.5	189.9
70°	378.9	362.4	345.4	327.3	310.0	291.3	271.1	251.4	232.3	212.9	194.0
72.5°	384.5	368.3	351.4	333.7	315.4	296.0	275.6	255.5	235.7	215.9	197.0
75°	389.7	373.4	356.2	338.4	319.9	300.0	279.7	259.3	238.5	218.5	199.7
77.5°	394.4	377.8	360.4	342.3	323.5	303.1	282.9	262.2	241.4	220.7	201.4
80°	397.6	380.6	363.4	345.0	325.8	305.3	285.6	264.4	244.1	222.8	202.9
82.5°	400.2	382.8	365.9	347.2	328.1	307.5	287.2	265.9	245.7	224.3	204.6
85°	401.5	384.4	368.1	348.7	330.0	310.5	288.7	267.6	247.3	226.1	205.0
87.5°	402.6	385.8	369.3	349.7	330.3	310.7	289.1	267.2	247.3	226.1	205.0
90°	402.6	386.3	369.3	349.7	329.4	310.7	289.6	266.8	247.3	226.9	205.0
92.5°	402.6	385.8	369.3	349.7	330.3	310.7	289.1	267.2	247.3	226.5	205.0
95°	401.5	384.4	368.1	348.7	330.0	310.5	288.7	267.6	247.3	226.1	205.0
97.5°	400.2	382.8	365.9	347.2	328.1	307.5	287.2	265.9	245.7	224.3	204.6
100°	397.6	380.6	363.4	345.0	325.8	305.3	285.6	264.4	244.1	222.8	202.9
102.5°	394.4	377.8	360.4	342.3	323.5	303.1	282.9	262.2	241.4	220.7	201.4
105°	389.7	373.4	356.2	338.4	319.9	300.0	279.7	259.3	238.5	218.5	199.7
107.5°	384.5	368.3	351.4	333.7	315.4	296.0	275.6	255.5	235.7	215.9	197.0
110°	378.9	362.4	345.4	327.3	310.0	291.3	271.1	251.4	232.3	212.9	194.0



TEST NUMBER: P231962

CATALOG NUMBER: FVS4WM-4-LD4-40-1STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	371.9	356.2	339.5	322.4	303.9	285.6	265.8	246.4	227.6	208.5	189.9
115°	363.7	348.1	332.3	315.2	297.3	279.4	259.9	240.9	222.5	203.6	185.3
117.5°	355.0	339.8	324.2	307.6	290.4	272.6	253.7	235.5	217.0	198.5	181.0
120°	346.1	330.5	315.2	299.2	282.3	264.7	246.7	229.3	211.1	193.1	176.5
122.5°	335.4	320.7	306.3	290.3	273.6	256.3	239.1	222.2	205.2	187.5	171.2
125°	324.6	310.4	295.8	280.7	264.3	247.6	231.0	214.6	198.4	181.3	165.6
127.5°	312.7	299.1	285.0	270.1	254.5	238.6	222.5	206.3	190.2	174.0	159.5
130°	300.1	287.2	273.5	258.0	243.4	228.7	213.2	197.6	182.0	167.0	153.1
132.5°	286.7	273.9	260.3	246.4	232.4	218.4	203.6	188.6	173.8	159.6	146.2
135°	272.2	259.9	247.0	234.1	221.2	207.2	193.2	179.0	165.2	152.0	139.1
137.5°	256.8	245.4	233.6	221.6	209.0	195.7	182.3	169.1	155.9	143.9	132.0
140°	241.4	230.9	219.5	207.8	195.8	183.5	171.0	158.6	146.5	135.3	124.4
142.5°	226.0	215.6	204.6	193.7	183.4	171.2	159.5	147.6	136.3	125.2	115.3
145°	209.6	199.8	189.9	179.8	169.2	158.4	147.5	137.0	125.9	115.6	106.5
147.5°	192.3	183.4	174.5	165.2	155.4	145.5	135.6	125.7	115.9	106.9	98.3
150°	174.6	166.5	158.2	149.4	140.5	131.7	122.8	114.2	105.8	97.7	90.0
152.5°	156.9	149.2	141.3	133.5	125.6	117.5	109.8	102.0	94.5	87.3	80.8
155°	138.7	131.4	124.1	117.5	110.8	103.9	96.9	89.9	83.6	77.0	72.1
157.5°	120.6	114.5	108.4	102.1	96.2	90.3	84.0	78.5	73.1	67.9	63.6
160°	102.7	97.3	91.9	86.9	81.8	76.5	71.7	66.7	61.4	57.5	53.5
162.5°	84.9	80.2	76.0	71.6	67.3	63.4	59.2	54.9	51.4	48.0	44.6
165°	67.5	64.0	60.9	57.2	53.9	50.5	46.9	44.2	41.4	38.6	35.6
167.5°	51.0	48.6	46.0	43.3	40.5	38.1	36.0	33.8	31.5	29.1	27.6
170°	36.0	34.0	32.0	30.4	28.8	27.2	25.4	23.6	21.7	20.7	19.9
172.5°	22.7	21.8	20.8	19.7	18.5	17.3	16.0	15.4	14.9	14.3	13.7
175°	12.2	11.4	10.6	10.3	10.0	9.6	9.3	8.9	8.5	8.0	7.6
177.5°	5.8	5.7	5.5	5.4	5.2	5.1	4.9	4.7	4.5	4.3	4.1
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: P231962

CATALOG NUMBER: FVS4WM-4-LD4-40-1STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
2.5°	3.9	3.7	3.5	3.3	3.2	3.2	3.1	3.1	3.0	3.0	2.9
5°	7.1	6.7	6.2	5.7	5.6	5.5	5.4	5.3	5.2	5.1	5.0
7.5°	13.1	12.4	11.7	11.0	10.9	10.7	10.6	10.3	10.1	9.8	9.6
10°	19.1	18.2	17.3	16.3	16.1	15.9	15.7	15.4	15.1	14.8	14.4
12.5°	26.6	25.5	24.4	23.2	22.9	22.6	22.1	21.7	21.2	20.7	20.1
15°	34.2	32.9	31.5	30.1	29.6	29.1	28.5	27.9	27.4	26.8	26.1
17.5°	41.8	40.4	38.9	37.4	36.8	36.0	35.2	34.6	33.9	33.2	32.4
20°	49.5	47.9	46.3	44.7	43.8	42.9	41.9	41.2	40.5	39.8	38.6
22.5°	59.0	55.9	53.6	51.2	50.5	49.8	48.9	47.9	46.9	45.9	44.8
25°	67.6	63.8	61.3	58.6	57.8	56.9	55.9	54.8	53.6	52.4	51.1
27.5°	75.7	70.9	68.3	65.5	64.5	63.3	62.3	61.1	60.0	58.7	57.2
30°	84.0	77.9	75.2	72.4	71.1	69.7	68.6	67.3	66.3	65.2	63.3
32.5°	91.5	85.2	81.7	78.5	77.3	76.1	74.9	73.6	72.4	70.9	68.9
35°	98.7	92.5	88.3	84.6	83.6	82.5	81.2	79.8	78.4	76.4	74.3
37.5°	106.2	99.2	94.4	90.7	89.4	88.1	86.8	85.4	83.9	81.7	79.7
40°	113.9	105.9	100.4	96.8	95.1	93.6	92.3	90.8	89.1	86.9	84.9
42.5°	120.3	112.2	106.2	102.1	100.4	98.8	97.5	96.0	94.1	91.9	90.0
45°	126.9	118.4	111.9	107.4	105.6	104.0	102.6	101.1	98.9	96.8	94.9
47.5°	133.7	124.1	117.1	112.7	110.5	108.8	107.4	105.8	103.6	101.4	99.3
50°	140.4	129.9	122.2	117.9	115.4	113.6	112.1	110.4	108.1	105.8	103.3
52.5°	145.7	134.6	126.8	122.0	119.7	118.0	116.4	114.5	112.4	109.8	107.2
55°	150.9	139.2	131.4	126.1	124.0	122.4	120.5	118.4	116.5	113.5	110.9
57.5°	156.1	143.6	135.2	129.8	127.6	126.0	124.2	122.1	119.7	116.9	114.4
60°	161.2	148.1	139.0	133.4	131.3	129.6	128.0	125.6	122.8	120.3	117.8
62.5°	165.4	152.2	142.4	136.7	134.5	132.8	131.0	128.6	125.9	123.4	120.5
65°	169.5	156.2	145.8	139.9	137.7	136.0	133.9	131.5	129.0	126.2	123.0
67.5°	173.2	158.4	148.3	142.3	140.1	138.5	136.2	133.8	131.4	128.5	125.3
70°	175.8	161.3	150.9	144.8	142.4	140.8	138.6	136.1	133.3	130.5	127.1
72.5°	178.6	163.6	153.0	146.8	144.1	142.5	140.5	137.8	135.0	132.2	128.7
75°	181.2	165.9	155.4	148.8	145.7	144.1	142.4	139.4	136.8	133.7	130.4
77.5°	182.7	167.8	156.6	150.1	147.3	145.3	143.6	140.5	138.0	134.9	131.4
80°	183.9	170.0	157.8	151.3	148.8	146.5	144.8	141.6	139.2	135.9	132.1
82.5°	185.8	170.4	158.2	152.1	149.3	147.2	145.2	142.4	139.6	136.3	132.7
85°	187.1	170.8	158.6	152.9	149.7	148.0	145.6	143.2	139.9	136.6	133.4
87.5°	187.1	171.2	159.0	153.3	150.1	148.4	146.0	143.2	140.3	137.1	133.4
90°	187.1	171.6	159.4	153.7	150.5	148.8	146.4	143.2	140.7	137.5	133.4
92.5°	187.1	171.2	159.0	153.3	150.1	148.4	146.0	143.2	140.3	137.1	133.4
95°	187.1	170.8	158.6	152.9	149.7	148.0	145.6	143.2	139.9	136.6	133.4
97.5°	185.8	170.4	158.2	152.1	149.3	147.2	145.2	142.4	139.6	136.3	132.7
100°	183.9	170.0	157.8	151.3	148.8	146.5	144.8	141.6	139.2	135.9	132.1
102.5°	182.7	167.8	156.6	150.1	147.3	145.3	143.6	140.5	138.0	134.9	131.4
105°	181.2	165.9	155.4	148.8	145.7	144.1	142.4	139.4	136.8	133.7	130.4
107.5°	178.6	163.6	153.0	146.8	144.1	142.5	140.5	137.8	135.0	132.2	128.7
110°	175.8	161.3	150.9	144.8	142.4	140.8	138.6	136.1	133.3	130.5	127.1



TEST NUMBER: P231962

CATALOG NUMBER: FVS4WM-4-LD4-40-1STD-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°	173.2	158.4	148.3	142.3	140.1	138.5	136.2	133.8	131.4	128.5	125.3
115°	169.5	156.2	145.8	139.9	137.7	136.0	133.9	131.5	129.0	126.2	123.0
117.5°	165.4	152.2	142.4	136.7	134.5	132.8	131.0	128.6	125.9	123.4	120.5
120°	161.2	148.1	139.0	133.4	131.3	129.6	128.0	125.6	122.8	120.3	117.8
122.5°	156.1	143.6	135.2	129.8	127.6	126.0	124.2	122.1	119.7	116.9	114.4
125°	150.9	139.2	131.4	126.1	124.0	122.4	120.5	118.4	116.5	113.5	110.9
127.5°	145.7	134.6	126.8	122.0	119.7	118.0	116.4	114.5	112.4	109.8	107.2
130°	140.4	129.9	122.2	117.9	115.4	113.6	112.1	110.4	108.1	105.8	103.3
132.5°	133.7	124.1	117.1	112.7	110.5	108.8	107.4	105.8	103.6	101.4	99.3
135°	126.9	118.4	111.9	107.4	105.6	104.0	102.6	101.1	98.9	96.8	94.9
137.5°	120.3	112.2	106.2	102.1	100.4	98.8	97.5	96.0	94.1	91.9	90.0
140°	113.9	105.9	100.4	96.8	95.1	93.6	92.3	90.8	89.1	86.9	84.9
142.5°	106.2	99.2	94.4	90.7	89.4	88.1	86.8	85.4	83.9	81.7	79.7
145°	98.7	92.5	88.3	84.6	83.6	82.5	81.2	79.8	78.4	76.4	74.3
147.5°	91.5	85.2	81.7	78.5	77.3	76.1	74.9	73.6	72.4	70.9	68.9
150°	84.0	77.9	75.2	72.4	71.1	69.7	68.6	67.3	66.3	65.2	63.3
152.5°	75.7	70.9	68.3	65.5	64.5	63.3	62.3	61.1	60.0	58.7	57.2
155°	67.6	63.8	61.3	58.6	57.8	56.9	55.9	54.8	53.6	52.4	51.1
157.5°	59.0	55.9	53.6	51.2	50.5	49.8	48.9	47.9	46.9	45.9	44.8
160°	49.5	47.9	46.3	44.7	43.8	42.9	41.9	41.2	40.5	39.8	38.6
162.5°	41.8	40.4	38.9	37.4	36.8	36.0	35.2	34.6	33.9	33.2	32.4
165°	34.2	32.9	31.5	30.1	29.6	29.1	28.5	27.9	27.4	26.8	26.1
167.5°	26.6	25.5	24.4	23.2	22.9	22.6	22.1	21.7	21.2	20.7	20.1
170°	19.1	18.2	17.3	16.3	16.1	15.9	15.7	15.4	15.1	14.8	14.4
172.5°	13.1	12.4	11.7	11.0	10.9	10.7	10.6	10.3	10.1	9.8	9.6
175°	7.1	6.7	6.2	5.7	5.6	5.5	5.4	5.3	5.2	5.1	5.0
177.5°	3.9	3.7	3.5	3.3	3.2	3.2	3.1	3.1	3.0	3.0	2.9
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231962

CATALOG NUMBER: FVS4WM-4-LD4-40-1STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
2.5°	2.8	2.8	2.7	2.6	2.5	2.4	2.3	2.3	2.2	2.1	2.0
5°	4.9	4.7	4.6	4.4	4.2	4.1	3.9	3.8	3.6	3.4	3.2
7.5°	9.3	8.9	8.5	8.1	7.7	7.2	6.8	6.3	5.8	5.2	4.8
10°	13.9	13.5	12.9	12.4	11.8	11.3	10.7	10.1	9.5	8.9	8.2
12.5°	19.5	18.8	18.1	17.3	16.4	15.5	14.6	13.8	12.9	12.1	11.3
15°	25.4	24.4	23.4	22.4	21.3	20.3	19.3	18.2	17.0	15.9	14.6
17.5°	31.2	30.0	28.8	27.6	26.4	25.2	24.0	22.7	21.4	20.0	18.5
20°	37.3	36.0	34.6	33.2	31.8	30.4	28.9	27.4	25.8	23.8	22.1
22.5°	43.6	42.0	40.4	38.6	37.2	35.7	34.0	32.1	30.1	28.0	26.0
25°	49.7	48.1	46.4	44.6	42.7	40.8	38.8	36.6	34.4	32.2	30.0
27.5°	55.5	53.8	51.9	50.0	48.0	45.8	43.6	41.3	38.9	36.2	33.6
30°	61.3	59.4	57.4	55.2	53.0	50.6	48.0	45.3	42.8	39.9	37.1
32.5°	66.9	65.0	62.8	60.3	57.9	55.4	52.7	49.8	47.0	44.3	41.3
35°	72.4	70.3	67.8	65.2	62.8	60.2	57.3	54.2	51.1	48.1	44.8
37.5°	77.7	75.4	72.8	70.1	67.4	64.4	61.4	58.3	55.0	51.6	48.2
40°	82.8	80.3	77.5	74.5	71.7	68.7	65.6	62.2	58.5	55.0	51.5
42.5°	87.7	85.1	81.9	78.8	75.8	72.8	69.5	65.7	61.9	58.5	54.6
45°	92.0	89.1	86.1	83.0	79.9	76.9	73.2	69.3	65.5	61.6	57.4
47.5°	96.2	93.4	90.4	87.0	83.6	80.1	76.4	72.6	68.7	64.5	60.5
50°	100.4	97.4	94.1	90.6	87.0	83.3	79.5	75.6	71.6	67.4	63.2
52.5°	104.4	101.1	97.7	94.1	90.4	86.6	82.5	78.6	74.5	69.9	65.7
55°	107.8	104.5	101.0	97.2	93.7	89.7	85.3	81.0	76.8	72.4	68.1
57.5°	111.2	107.8	104.1	100.1	96.5	92.2	87.8	83.6	79.5	74.8	70.1
60°	114.4	110.6	106.8	103.0	99.0	94.7	90.4	85.9	81.4	76.7	72.0
62.5°	117.2	113.2	109.8	105.7	101.5	97.1	92.6	87.9	83.4	78.3	73.4
65°	119.6	115.9	111.7	107.9	103.7	99.3	94.6	89.8	85.1	79.9	75.0
67.5°	121.8	118.1	113.8	110.2	106.0	101.0	96.4	91.6	86.6	81.5	76.2
70°	123.5	119.8	116.1	111.8	107.1	102.7	98.0	93.1	88.1	82.9	77.3
72.5°	125.1	121.3	117.2	113.1	108.7	104.0	99.3	94.1	89.0	83.9	78.1
75°	126.6	122.6	118.4	114.0	109.5	105.0	100.4	95.2	89.8	84.5	78.9
77.5°	127.7	123.6	119.6	114.9	110.5	105.9	101.0	96.0	90.6	84.9	79.3
80°	128.6	124.6	120.5	115.8	111.1	106.2	101.7	96.5	91.0	85.3	79.6
82.5°	129.1	125.1	121.0	116.2	111.4	106.5	102.3	96.9	91.3	85.6	79.8
85°	129.4	125.4	121.3	116.4	111.5	106.7	102.0	96.9	91.3	85.6	79.9
87.5°	129.7	125.7	121.2	116.7	111.8	107.0	102.1	96.9	91.2	85.5	79.8
90°	130.1	126.1	121.2	117.1	112.2	107.4	102.5	96.8	91.1	85.4	79.7
92.5°	129.7	125.7	121.2	116.7	111.8	107.0	102.1	96.9	91.2	85.5	79.8
95°	129.4	125.4	121.3	116.4	111.5	106.7	102.0	96.9	91.3	85.6	79.9
97.5°	129.1	125.1	121.0	116.2	111.4	106.5	102.3	96.9	91.3	85.6	79.8
100°	128.6	124.6	120.5	115.8	111.1	106.2	101.7	96.5	91.0	85.3	79.6
102.5°	127.7	123.6	119.6	114.9	110.5	105.9	101.0	96.0	90.6	84.9	79.3
105°	126.6	122.6	118.4	114.0	109.5	105.0	100.4	95.2	89.8	84.5	78.9
107.5°	125.1	121.3	117.2	113.1	108.7	104.0	99.3	94.1	89.0	83.9	78.1
110°	123.5	119.8	116.1	111.8	107.1	102.7	98.0	93.1	88.1	82.9	77.3



TEST NUMBER: P231962

CATALOG NUMBER: FVS4WM-4-LD4-40-1STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	121.8	118.1	113.8	110.2	106.0	101.0	96.4	91.6	86.6	81.5	76.2
115°	119.6	115.9	111.7	107.9	103.7	99.3	94.6	89.8	85.1	79.9	75.0
117.5°	117.2	113.2	109.8	105.7	101.5	97.1	92.6	87.9	83.4	78.3	73.4
120°	114.4	110.6	106.8	103.0	99.0	94.7	90.4	85.9	81.4	76.7	72.0
122.5°	111.2	107.8	104.1	100.1	96.5	92.2	87.8	83.6	79.5	74.8	70.1
125°	107.8	104.5	101.0	97.2	93.7	89.7	85.3	81.0	76.8	72.4	68.1
127.5°	104.4	101.1	97.7	94.1	90.4	86.6	82.5	78.6	74.5	69.9	65.7
130°	100.4	97.4	94.1	90.6	87.0	83.3	79.5	75.6	71.6	67.4	63.2
132.5°	96.2	93.4	90.4	87.0	83.6	80.1	76.4	72.6	68.7	64.5	60.5
135°	92.0	89.1	86.1	83.0	79.9	76.9	73.2	69.3	65.5	61.6	57.4
137.5°	87.7	85.1	81.9	78.8	75.8	72.8	69.5	65.7	61.9	58.5	54.6
140°	82.8	80.3	77.5	74.5	71.7	68.7	65.6	62.2	58.5	55.0	51.5
142.5°	77.7	75.4	72.8	70.1	67.4	64.4	61.4	58.3	55.0	51.6	48.2
145°	72.4	70.3	67.8	65.2	62.8	60.2	57.3	54.2	51.1	48.1	44.8
147.5°	66.9	65.0	62.8	60.3	57.9	55.4	52.7	49.8	47.0	44.3	41.3
150°	61.3	59.4	57.4	55.2	53.0	50.6	48.0	45.3	42.8	39.9	37.1
152.5°	55.5	53.8	51.9	50.0	48.0	45.8	43.6	41.3	38.9	36.2	33.6
155°	49.7	48.1	46.4	44.6	42.7	40.8	38.8	36.6	34.4	32.2	30.0
157.5°	43.6	42.0	40.4	38.6	37.2	35.7	34.0	32.1	30.1	28.0	26.0
160°	37.3	36.0	34.6	33.2	31.8	30.4	28.9	27.4	25.8	23.8	22.1
162.5°	31.2	30.0	28.8	27.6	26.4	25.2	24.0	22.7	21.4	20.0	18.5
165°	25.4	24.4	23.4	22.4	21.3	20.3	19.3	18.2	17.0	15.9	14.6
167.5°	19.5	18.8	18.1	17.3	16.4	15.5	14.6	13.8	12.9	12.1	11.3
170°	13.9	13.5	12.9	12.4	11.8	11.3	10.7	10.1	9.5	8.9	8.2
172.5°	9.3	8.9	8.5	8.1	7.7	7.2	6.8	6.3	5.8	5.2	4.8
175°	4.9	4.7	4.6	4.4	4.2	4.1	3.9	3.8	3.6	3.4	3.2
177.5°	2.8	2.8	2.7	2.6	2.5	2.4	2.3	2.3	2.2	2.1	2.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231962

CATALOG NUMBER: FVS4WM-4-LD4-40-1STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
2.5°	1.9	1.8	1.7	1.6	1.4	1.3	1.2	1.1	1.0	0.9	0.8
5°	3.1	2.9	2.7	2.5	2.3	2.2	2.0	1.8	1.6	1.4	1.3
7.5°	4.1	4.0	3.8	3.5	3.3	3.1	2.9	2.6	2.4	2.1	1.9
10°	7.6	6.9	6.2	5.4	4.6	3.7	3.4	3.1	2.7	2.4	2.1
12.5°	10.4	9.5	8.5	7.6	6.7	5.8	4.9	4.0	3.2	2.9	2.5
15°	13.3	12.1	11.1	10.0	8.9	7.8	6.7	5.5	4.3	3.2	2.4
17.5°	17.0	15.4	13.8	12.2	10.8	9.5	8.2	6.9	5.6	4.4	3.1
20°	20.3	18.6	16.8	15.1	13.3	11.4	9.8	8.4	7.0	5.7	4.3
22.5°	23.9	21.9	20.0	17.8	15.7	13.7	11.6	9.6	8.1	6.6	5.0
25°	27.6	25.2	22.6	20.2	18.0	15.9	13.6	11.3	9.0	7.3	5.7
27.5°	31.0	28.5	25.9	23.3	20.7	18.0	15.4	12.9	10.5	7.9	6.3
30°	34.4	31.7	28.9	26.0	23.0	20.2	17.3	14.8	12.1	9.4	6.8
32.5°	38.0	34.9	31.9	28.6	25.7	22.6	19.4	16.0	13.3	10.5	7.8
35°	41.4	38.2	34.9	31.6	28.1	24.7	21.3	18.0	14.8	11.8	8.8
37.5°	44.8	41.4	37.7	34.2	30.6	26.9	23.3	19.8	16.2	12.6	9.5
40°	47.9	44.2	40.3	36.4	32.5	29.0	25.3	21.3	17.3	13.4	10.1
42.5°	50.8	47.0	43.0	39.0	35.1	30.7	26.1	22.0	18.1	14.5	11.1
45°	53.7	49.7	45.6	41.5	36.8	32.1	27.5	22.9	18.9	15.2	11.5
47.5°	56.4	52.0	47.7	43.1	38.5	33.7	28.8	24.0	20.1	15.7	11.7
50°	58.9	54.3	49.7	44.7	39.7	34.5	29.4	24.8	20.5	16.4	12.2
52.5°	61.1	56.1	51.5	46.2	40.7	35.4	30.4	25.6	21.0	16.8	12.6
55°	63.2	58.3	53.4	47.6	42.0	36.3	31.0	26.2	21.8	17.3	13.0
57.5°	65.1	60.1	54.9	49.0	43.4	37.3	31.8	27.0	22.4	17.6	13.1
60°	66.6	61.6	56.1	49.8	44.0	38.1	32.4	27.5	22.6	17.6	13.3
62.5°	68.3	63.1	57.5	51.1	44.9	38.8	33.0	27.5	22.4	17.7	13.5
65°	69.8	64.3	58.6	52.3	45.6	39.6	33.5	27.8	23.0	17.9	13.4
67.5°	70.9	65.6	59.9	53.7	46.8	40.4	33.9	28.3	23.2	17.9	13.5
70°	71.9	66.3	60.5	54.6	47.6	40.4	34.1	28.2	23.2	17.6	13.3
72.5°	73.0	67.1	61.5	55.5	48.9	41.3	34.8	28.6	22.9	17.5	12.8
75°	73.6	67.7	62.2	55.8	49.4	42.0	34.8	28.6	22.9	17.4	12.3
77.5°	73.9	68.2	62.3	56.0	50.1	43.2	36.1	29.0	22.4	17.0	12.0
80°	73.9	68.1	62.3	56.0	50.0	43.9	36.7	29.0	22.6	16.7	11.4
82.5°	74.1	67.9	62.1	56.1	50.0	43.7	37.0	30.0	23.0	16.4	10.8
85°	74.2	67.7	61.7	56.0	49.7	43.3	36.8	30.7	24.0	17.2	10.6
87.5°	74.1	67.8	61.3	55.5	49.1	43.3	36.1	30.4	23.9	17.9	11.3
90°	74.0	68.3	61.8	55.3	49.6	43.1	36.6	30.1	23.6	17.1	11.4
92.5°	74.1	67.8	61.3	55.5	49.1	43.3	36.1	30.4	23.9	17.9	11.3
95°	74.2	67.7	61.7	56.0	49.7	43.3	36.8	30.7	24.0	17.2	10.6
97.5°	74.1	67.9	62.1	56.1	50.0	43.7	37.0	30.0	23.0	16.4	10.8
100°	73.9	68.1	62.3	56.0	50.0	43.9	36.7	29.0	22.6	16.7	11.4
102.5°	73.9	68.2	62.3	56.0	50.1	43.2	36.1	29.0	22.4	17.0	12.0
105°	73.6	67.7	62.2	55.8	49.4	42.0	34.8	28.6	22.9	17.4	12.3
107.5°	73.0	67.1	61.5	55.5	48.9	41.3	34.8	28.6	22.9	17.5	12.8
110°	71.9	66.3	60.5	54.6	47.6	40.4	34.1	28.2	23.2	17.6	13.3



TEST NUMBER: P231962

CATALOG NUMBER: FVS4WM-4-LD4-40-1STD-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°	70.9	65.6	59.9	53.7	46.8	40.4	33.9	28.3	23.2	17.9	13.5
115°	69.8	64.3	58.6	52.3	45.6	39.6	33.5	27.8	23.0	17.9	13.4
117.5°	68.3	63.1	57.5	51.1	44.9	38.8	33.0	27.5	22.4	17.7	13.5
120°	66.6	61.6	56.1	49.8	44.0	38.1	32.4	27.5	22.6	17.6	13.3
122.5°	65.1	60.1	54.9	49.0	43.4	37.3	31.8	27.0	22.4	17.6	13.1
125°	63.2	58.3	53.4	47.6	42.0	36.3	31.0	26.2	21.8	17.3	13.0
127.5°	61.1	56.1	51.5	46.2	40.7	35.4	30.4	25.6	21.0	16.8	12.6
130°	58.9	54.3	49.7	44.7	39.7	34.5	29.4	24.8	20.5	16.4	12.2
132.5°	56.4	52.0	47.7	43.1	38.5	33.7	28.8	24.0	20.1	15.7	11.7
135°	53.7	49.7	45.6	41.5	36.8	32.1	27.5	22.9	18.9	15.2	11.5
137.5°	50.8	47.0	43.0	39.0	35.1	30.7	26.1	22.0	18.1	14.5	11.1
140°	47.9	44.2	40.3	36.4	32.5	29.0	25.3	21.3	17.3	13.4	10.1
142.5°	44.8	41.4	37.7	34.2	30.6	26.9	23.3	19.8	16.2	12.6	9.5
145°	41.4	38.2	34.9	31.6	28.1	24.7	21.3	18.0	14.8	11.8	8.8
147.5°	38.0	34.9	31.9	28.6	25.7	22.6	19.4	16.0	13.3	10.5	7.8
150°	34.4	31.7	28.9	26.0	23.0	20.2	17.3	14.8	12.1	9.4	6.8
152.5°	31.0	28.5	25.9	23.3	20.7	18.0	15.4	12.9	10.5	7.9	6.3
155°	27.6	25.2	22.6	20.2	18.0	15.9	13.6	11.3	9.0	7.3	5.7
157.5°	23.9	21.9	20.0	17.8	15.7	13.7	11.6	9.6	8.1	6.6	5.0
160°	20.3	18.6	16.8	15.1	13.3	11.4	9.8	8.4	7.0	5.7	4.3
162.5°	17.0	15.4	13.8	12.2	10.8	9.5	8.2	6.9	5.6	4.4	3.1
165°	13.3	12.1	11.1	10.0	8.9	7.8	6.7	5.5	4.3	3.2	2.4
167.5°	10.4	9.5	8.5	7.6	6.7	5.8	4.9	4.0	3.2	2.9	2.5
170°	7.6	6.9	6.2	5.4	4.6	3.7	3.4	3.1	2.7	2.4	2.1
172.5°	4.1	4.0	3.8	3.5	3.3	3.1	2.9	2.6	2.4	2.1	1.9
175°	3.1	2.9	2.7	2.5	2.3	2.2	2.0	1.8	1.6	1.4	1.3
177.5°	1.9	1.8	1.7	1.6	1.4	1.3	1.2	1.1	1.0	0.9	0.8
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231962

CATALOG NUMBER: FVS4WM-4-LD4-40-1STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
2.5°	0.7	0.5	0.4	0.3	0.2	0.1	0.0	0.1	0.2	0.3	0.4
5°	1.1	0.9	0.7	0.5	0.4	0.2	0.0	0.2	0.4	0.5	0.7
7.5°	1.6	1.3	1.1	0.8	0.5	0.3	0.0	0.3	0.5	0.8	1.1
10°	1.8	1.5	1.2	0.9	0.6	0.3	0.0	0.3	0.6	0.9	1.2
12.5°	2.2	1.8	1.5	1.1	0.7	0.4	0.0	0.4	0.7	1.1	1.5
15°	2.1	1.7	1.3	1.0	0.6	0.3	0.0	0.3	0.6	1.0	1.3
17.5°	2.2	1.9	1.5	1.1	0.8	0.4	0.0	0.4	0.8	1.1	1.5
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°	3.5	2.0	1.4	1.0	0.7	0.3	0.0	0.3	0.7	1.0	1.4
25°	4.2	2.6	1.5	1.1	0.7	0.4	0.0	0.4	0.7	1.1	1.5
27.5°	4.6	2.9	1.2	0.7	0.4	0.2	0.0	0.2	0.4	0.7	1.2
30°	5.0	3.3	1.6	0.7	0.5	0.2	0.0	0.2	0.5	0.7	1.6
32.5°	5.4	3.8	2.1	0.8	0.5	0.3	0.0	0.3	0.5	0.8	2.1
35°	5.8	4.0	2.5	1.0	0.6	0.3	0.0	0.3	0.6	1.0	2.5
37.5°	6.5	4.0	2.3	0.7	0.0	0.0	0.0	0.0	0.0	0.7	2.3
40°	7.1	4.1	2.3	0.9	0.0	0.0	0.0	0.0	0.0	0.9	2.3
42.5°	7.8	4.5	2.2	0.9	0.0	0.0	0.0	0.0	0.0	0.9	2.2
45°	7.9	4.9	2.3	1.2	0.0	0.0	0.0	0.0	0.0	1.2	2.3
47.5°	8.0	5.1	2.5	1.1	0.1	0.0	0.0	0.0	0.1	1.1	2.5
50°	8.4	5.0	2.5	0.8	0.2	0.0	0.0	0.0	0.2	0.8	2.5
52.5°	9.0	5.4	2.8	0.7	0.2	0.0	0.0	0.0	0.2	0.7	2.8
55°	8.7	5.4	2.7	1.0	0.3	0.0	0.0	0.0	0.3	1.0	2.7
57.5°	8.9	5.4	2.6	1.3	0.8	0.8	0.8	0.8	0.8	1.3	2.6
60°	9.4	5.9	3.1	1.4	0.8	0.8	0.8	0.8	0.8	1.4	3.1
62.5°	9.8	5.7	3.0	0.9	0.2	0.8	0.8	0.8	0.2	0.9	3.0
65°	9.7	5.9	3.0	1.0	0.7	0.8	0.8	0.8	0.7	1.0	3.0
67.5°	9.6	5.8	3.0	0.8	0.2	0.6	0.8	0.6	0.2	0.8	3.0
70°	9.8	5.9	2.6	0.8	0.0	0.5	0.8	0.5	0.0	0.8	2.6
72.5°	9.2	6.0	3.0	0.5	0.0	0.8	0.8	0.8	0.0	0.5	3.0
75°	8.4	5.0	2.5	0.7	0.0	0.8	0.8	0.8	0.0	0.7	2.5
77.5°	8.0	4.8	1.9	0.1	0.0	0.1	0.0	0.1	0.0	0.1	1.9
80°	7.3	3.8	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
82.5°	6.4	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	5.6	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	4.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	5.6	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	6.4	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	7.3	3.8	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
102.5°	8.0	4.8	1.9	0.1	0.0	0.1	0.0	0.1	0.0	0.1	1.9
105°	8.4	5.0	2.5	0.7	0.0	0.8	0.8	0.8	0.0	0.7	2.5
107.5°	9.2	6.0	3.0	0.5	0.0	0.8	0.8	0.8	0.0	0.5	3.0
110°	9.8	5.9	2.6	0.8	0.0	0.5	0.8	0.5	0.0	0.8	2.6



TEST NUMBER: P231962

CATALOG NUMBER: FVS4WM-4-LD4-40-1STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	9.6	5.8	3.0	0.8	0.2	0.6	0.8	0.6	0.2	0.8	3.0
115°	9.7	5.9	3.0	1.0	0.7	0.8	0.8	0.8	0.7	1.0	3.0
117.5°	9.8	5.7	3.0	0.9	0.2	0.8	0.8	0.8	0.2	0.9	3.0
120°	9.4	5.9	3.1	1.4	0.8	0.8	0.8	0.8	0.8	1.4	3.1
122.5°	8.9	5.4	2.6	1.3	0.8	0.8	0.8	0.8	0.8	1.3	2.6
125°	8.7	5.4	2.7	1.0	0.3	0.0	0.0	0.0	0.3	1.0	2.7
127.5°	9.0	5.4	2.8	0.7	0.2	0.0	0.0	0.0	0.2	0.7	2.8
130°	8.4	5.0	2.5	0.8	0.2	0.0	0.0	0.0	0.2	0.8	2.5
132.5°	8.0	5.1	2.5	1.1	0.1	0.0	0.0	0.0	0.1	1.1	2.5
135°	7.9	4.9	2.3	1.2	0.0	0.0	0.0	0.0	0.0	1.2	2.3
137.5°	7.8	4.5	2.2	0.9	0.0	0.0	0.0	0.0	0.0	0.9	2.2
140°	7.1	4.1	2.3	0.9	0.0	0.0	0.0	0.0	0.0	0.9	2.3
142.5°	6.5	4.0	2.3	0.7	0.0	0.0	0.0	0.0	0.0	0.7	2.3
145°	5.8	4.0	2.5	1.0	0.6	0.3	0.0	0.3	0.6	1.0	2.5
147.5°	5.4	3.8	2.1	0.8	0.5	0.3	0.0	0.3	0.5	0.8	2.1
150°	5.0	3.3	1.6	0.7	0.5	0.2	0.0	0.2	0.5	0.7	1.6
152.5°	4.6	2.9	1.2	0.7	0.4	0.2	0.0	0.2	0.4	0.7	1.2
155°	4.2	2.6	1.5	1.1	0.7	0.4	0.0	0.4	0.7	1.1	1.5
157.5°	3.5	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°	2.2	1.9	1.5	1.1	0.8	0.4	0.0	0.4	0.8	1.1	1.5
165°	2.1	1.7	1.3	1.0	0.6	0.3	0.0	0.3	0.6	1.0	1.3
167.5°	2.2	1.8	1.5	1.1	0.7	0.4	0.0	0.4	0.7	1.1	1.5
170°	1.8	1.5	1.2	0.9	0.6	0.3	0.0	0.3	0.6	0.9	1.2
172.5°	1.6	1.3	1.1	0.8	0.5	0.3	0.0	0.3	0.5	0.8	1.1
175°	1.1	0.9	0.7	0.5	0.4	0.2	0.0	0.2	0.4	0.5	0.7
177.5°	0.7	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: P231962

CATALOG NUMBER: FVS4WM-4-LD4-40-1STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
2.5°	0.5	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.6	1.7
5°	0.9	1.1	1.3	1.4	1.6	1.8	2.0	2.2	2.3	2.5	2.7
7.5°	1.3	1.6	1.9	2.1	2.4	2.6	2.9	3.1	3.3	3.5	3.8
10°	1.5	1.8	2.1	2.4	2.7	3.1	3.4	3.7	4.6	5.4	6.2
12.5°	1.8	2.2	2.5	2.9	3.2	4.0	4.9	5.8	6.7	7.6	8.5
15°	1.7	2.1	2.4	3.2	4.3	5.5	6.7	7.8	8.9	10.0	11.1
17.5°	1.9	2.2	3.1	4.4	5.6	6.9	8.2	9.5	10.8	12.2	13.8
20°	2.2	3.0	4.3	5.7	7.0	8.4	9.8	11.4	13.3	15.1	16.8
22.5°	2.0	3.5	5.0	6.6	8.1	9.6	11.6	13.7	15.7	17.8	20.0
25°	2.6	4.2	5.7	7.3	9.0	11.3	13.6	15.9	18.0	20.2	22.6
27.5°	2.9	4.6	6.3	7.9	10.5	12.9	15.4	18.0	20.7	23.3	25.9
30°	3.3	5.0	6.8	9.4	12.1	14.8	17.3	20.2	23.0	26.0	28.9
32.5°	3.8	5.4	7.8	10.5	13.3	16.0	19.4	22.6	25.7	28.6	31.9
35°	4.0	5.8	8.8	11.8	14.8	18.0	21.3	24.7	28.1	31.6	34.9
37.5°	4.0	6.5	9.5	12.6	16.2	19.8	23.3	26.9	30.6	34.2	37.7
40°	4.1	7.1	10.1	13.4	17.3	21.3	25.3	29.0	32.5	36.4	40.3
42.5°	4.5	7.8	11.1	14.5	18.1	22.0	26.1	30.7	35.1	39.0	43.0
45°	4.9	7.9	11.5	15.2	18.9	22.9	27.5	32.1	36.8	41.5	45.6
47.5°	5.1	8.0	11.7	15.7	20.1	24.0	28.8	33.7	38.5	43.1	47.7
50°	5.0	8.4	12.2	16.4	20.5	24.8	29.4	34.5	39.7	44.7	49.7
52.5°	5.4	9.0	12.6	16.8	21.0	25.6	30.4	35.4	40.7	46.2	51.5
55°	5.4	8.7	13.0	17.3	21.8	26.2	31.0	36.3	42.0	47.6	53.4
57.5°	5.4	8.9	13.1	17.6	22.4	27.0	31.8	37.3	43.4	49.0	54.9
60°	5.9	9.4	13.3	17.6	22.6	27.5	32.4	38.1	44.0	49.8	56.1
62.5°	5.7	9.8	13.5	17.7	22.4	27.5	33.0	38.8	44.9	51.1	57.5
65°	5.9	9.7	13.4	17.9	23.0	27.8	33.5	39.6	45.6	52.3	58.6
67.5°	5.8	9.6	13.5	17.9	23.2	28.3	33.9	40.4	46.8	53.7	59.9
70°	5.9	9.8	13.3	17.6	23.2	28.2	34.1	40.4	47.6	54.6	60.5
72.5°	6.0	9.2	12.8	17.5	22.9	28.6	34.8	41.3	48.9	55.5	61.5
75°	5.0	8.4	12.3	17.4	22.9	28.6	34.8	42.0	49.4	55.8	62.2
77.5°	4.8	8.0	12.0	17.0	22.4	29.0	36.1	43.2	50.1	56.0	62.3
80°	3.8	7.3	11.4	16.7	22.6	29.0	36.7	43.9	50.0	56.0	62.3
82.5°	2.7	6.4	10.8	16.4	23.0	30.0	37.0	43.7	50.0	56.1	62.1
85°	1.6	5.6	10.6	17.2	24.0	30.7	36.8	43.3	49.7	56.0	61.7
87.5°	0.4	4.8	11.3	17.9	23.9	30.4	36.1	43.3	49.1	55.5	61.3
90°	0.0	5.7	11.4	17.1	23.6	30.1	36.6	43.1	49.6	55.3	61.8
92.5°	0.4	4.8	11.3	17.9	23.9	30.4	36.1	43.3	49.1	55.5	61.3
95°	1.6	5.6	10.6	17.2	24.0	30.7	36.8	43.3	49.7	56.0	61.7
97.5°	2.7	6.4	10.8	16.4	23.0	30.0	37.0	43.7	50.0	56.1	62.1
100°	3.8	7.3	11.4	16.7	22.6	29.0	36.7	43.9	50.0	56.0	62.3
102.5°	4.8	8.0	12.0	17.0	22.4	29.0	36.1	43.2	50.1	56.0	62.3
105°	5.0	8.4	12.3	17.4	22.9	28.6	34.8	42.0	49.4	55.8	62.2
107.5°	6.0	9.2	12.8	17.5	22.9	28.6	34.8	41.3	48.9	55.5	61.5
110°	5.9	9.8	13.3	17.6	23.2	28.2	34.1	40.4	47.6	54.6	60.5



TEST NUMBER: P231962

CATALOG NUMBER: FVS4WM-4-LD4-40-1STD-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°	5.8	9.6	13.5	17.9	23.2	28.3	33.9	40.4	46.8	53.7	59.9
115°	5.9	9.7	13.4	17.9	23.0	27.8	33.5	39.6	45.6	52.3	58.6
117.5°	5.7	9.8	13.5	17.7	22.4	27.5	33.0	38.8	44.9	51.1	57.5
120°	5.9	9.4	13.3	17.6	22.6	27.5	32.4	38.1	44.0	49.8	56.1
122.5°	5.4	8.9	13.1	17.6	22.4	27.0	31.8	37.3	43.4	49.0	54.9
125°	5.4	8.7	13.0	17.3	21.8	26.2	31.0	36.3	42.0	47.6	53.4
127.5°	5.4	9.0	12.6	16.8	21.0	25.6	30.4	35.4	40.7	46.2	51.5
130°	5.0	8.4	12.2	16.4	20.5	24.8	29.4	34.5	39.7	44.7	49.7
132.5°	5.1	8.0	11.7	15.7	20.1	24.0	28.8	33.7	38.5	43.1	47.7
135°	4.9	7.9	11.5	15.2	18.9	22.9	27.5	32.1	36.8	41.5	45.6
137.5°	4.5	7.8	11.1	14.5	18.1	22.0	26.1	30.7	35.1	39.0	43.0
140°	4.1	7.1	10.1	13.4	17.3	21.3	25.3	29.0	32.5	36.4	40.3
142.5°	4.0	6.5	9.5	12.6	16.2	19.8	23.3	26.9	30.6	34.2	37.7
145°	4.0	5.8	8.8	11.8	14.8	18.0	21.3	24.7	28.1	31.6	34.9
147.5°	3.8	5.4	7.8	10.5	13.3	16.0	19.4	22.6	25.7	28.6	31.9
150°	3.3	5.0	6.8	9.4	12.1	14.8	17.3	20.2	23.0	26.0	28.9
152.5°	2.9	4.6	6.3	7.9	10.5	12.9	15.4	18.0	20.7	23.3	25.9
155°	2.6	4.2	5.7	7.3	9.0	11.3	13.6	15.9	18.0	20.2	22.6
157.5°	2.0	3.5	5.0	6.6	8.1	9.6	11.6	13.7	15.7	17.8	20.0
160°	2.2	3.0	4.3	5.7	7.0	8.4	9.8	11.4	13.3	15.1	16.8
162.5°	1.9	2.2	3.1	4.4	5.6	6.9	8.2	9.5	10.8	12.2	13.8
165°	1.7	2.1	2.4	3.2	4.3	5.5	6.7	7.8	8.9	10.0	11.1
167.5°	1.8	2.2	2.5	2.9	3.2	4.0	4.9	5.8	6.7	7.6	8.5
170°	1.5	1.8	2.1	2.4	2.7	3.1	3.4	3.7	4.6	5.4	6.2
172.5°	1.3	1.6	1.9	2.1	2.4	2.6	2.9	3.1	3.3	3.5	3.8
175°	0.9	1.1	1.3	1.4	1.6	1.8	2.0	2.2	2.3	2.5	2.7
177.5°	0.5	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.6	1.7
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231962

CATALOG NUMBER: FVS4WM-4-LD4-40-1STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
2.5°	1.8	1.9	2.0	2.1	2.2	2.3	2.3	2.4	2.5	2.6	2.7
5°	2.9	3.1	3.2	3.4	3.6	3.8	3.9	4.1	4.2	4.4	4.6
7.5°	4.0	4.1	4.8	5.2	5.8	6.3	6.8	7.2	7.7	8.1	8.5
10°	6.9	7.6	8.2	8.9	9.5	10.1	10.7	11.3	11.8	12.4	12.9
12.5°	9.5	10.4	11.3	12.1	12.9	13.8	14.6	15.5	16.4	17.3	18.1
15°	12.1	13.3	14.6	15.9	17.0	18.2	19.3	20.3	21.3	22.4	23.4
17.5°	15.4	17.0	18.5	20.0	21.4	22.7	24.0	25.2	26.4	27.6	28.8
20°	18.6	20.3	22.1	23.8	25.8	27.4	28.9	30.4	31.8	33.2	34.6
22.5°	21.9	23.9	26.0	28.0	30.1	32.1	34.0	35.7	37.2	38.6	40.4
25°	25.2	27.6	30.0	32.2	34.4	36.6	38.8	40.8	42.7	44.6	46.4
27.5°	28.5	31.0	33.6	36.2	38.9	41.3	43.6	45.8	48.0	50.0	51.9
30°	31.7	34.4	37.1	39.9	42.8	45.3	48.0	50.6	53.0	55.2	57.4
32.5°	34.9	38.0	41.3	44.3	47.0	49.8	52.7	55.4	57.9	60.3	62.8
35°	38.2	41.4	44.8	48.1	51.1	54.2	57.3	60.2	62.8	65.2	67.8
37.5°	41.4	44.8	48.2	51.6	55.0	58.3	61.4	64.4	67.4	70.1	72.8
40°	44.2	47.9	51.5	55.0	58.5	62.2	65.6	68.7	71.7	74.5	77.5
42.5°	47.0	50.8	54.6	58.5	61.9	65.7	69.5	72.8	75.8	78.8	81.9
45°	49.7	53.7	57.4	61.6	65.5	69.3	73.2	76.9	79.9	83.0	86.1
47.5°	52.0	56.4	60.5	64.5	68.7	72.6	76.4	80.1	83.6	87.0	90.4
50°	54.3	58.9	63.2	67.4	71.6	75.6	79.5	83.3	87.0	90.6	94.1
52.5°	56.1	61.1	65.7	69.9	74.5	78.6	82.5	86.6	90.4	94.1	97.7
55°	58.3	63.2	68.1	72.4	76.8	81.0	85.3	89.7	93.7	97.2	101.0
57.5°	60.1	65.1	70.1	74.8	79.5	83.6	87.8	92.2	96.5	100.1	104.1
60°	61.6	66.6	72.0	76.7	81.4	85.9	90.4	94.7	99.0	103.0	106.8
62.5°	63.1	68.3	73.4	78.3	83.4	87.9	92.6	97.1	101.5	105.7	109.8
65°	64.3	69.8	75.0	79.9	85.1	89.8	94.6	99.3	103.7	107.9	111.7
67.5°	65.6	70.9	76.2	81.5	86.6	91.6	96.4	101.0	106.0	110.2	113.8
70°	66.3	71.9	77.3	82.9	88.1	93.1	98.0	102.7	107.1	111.8	116.1
72.5°	67.1	73.0	78.1	83.9	89.0	94.1	99.3	104.0	108.7	113.1	117.2
75°	67.7	73.6	78.9	84.5	89.8	95.2	100.4	105.0	109.5	114.0	118.4
77.5°	68.2	73.9	79.3	84.9	90.6	96.0	101.0	105.9	110.5	114.9	119.6
80°	68.1	73.9	79.6	85.3	91.0	96.5	101.7	106.2	111.1	115.8	120.5
82.5°	67.9	74.1	79.8	85.6	91.3	96.9	102.3	106.5	111.4	116.2	121.0
85°	67.7	74.2	79.9	85.6	91.3	96.9	102.0	106.7	111.5	116.4	121.3
87.5°	67.8	74.1	79.8	85.5	91.2	96.9	102.1	107.0	111.8	116.7	121.2
90°	68.3	74.0	79.7	85.4	91.1	96.8	102.5	107.4	112.2	117.1	121.2
92.5°	67.8	74.1	79.8	85.5	91.2	96.9	102.1	107.0	111.8	116.7	121.2
95°	67.7	74.2	79.9	85.6	91.3	96.9	102.0	106.7	111.5	116.4	121.3
97.5°	67.9	74.1	79.8	85.6	91.3	96.9	102.3	106.5	111.4	116.2	121.0
100°	68.1	73.9	79.6	85.3	91.0	96.5	101.7	106.2	111.1	115.8	120.5
102.5°	68.2	73.9	79.3	84.9	90.6	96.0	101.0	105.9	110.5	114.9	119.6
105°	67.7	73.6	78.9	84.5	89.8	95.2	100.4	105.0	109.5	114.0	118.4
107.5°	67.1	73.0	78.1	83.9	89.0	94.1	99.3	104.0	108.7	113.1	117.2
110°	66.3	71.9	77.3	82.9	88.1	93.1	98.0	102.7	107.1	111.8	116.1



TEST NUMBER: P231962

CATALOG NUMBER: FVS4WM-4-LD4-40-1STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	65.6	70.9	76.2	81.5	86.6	91.6	96.4	101.0	106.0	110.2	113.8
115°	64.3	69.8	75.0	79.9	85.1	89.8	94.6	99.3	103.7	107.9	111.7
117.5°	63.1	68.3	73.4	78.3	83.4	87.9	92.6	97.1	101.5	105.7	109.8
120°	61.6	66.6	72.0	76.7	81.4	85.9	90.4	94.7	99.0	103.0	106.8
122.5°	60.1	65.1	70.1	74.8	79.5	83.6	87.8	92.2	96.5	100.1	104.1
125°	58.3	63.2	68.1	72.4	76.8	81.0	85.3	89.7	93.7	97.2	101.0
127.5°	56.1	61.1	65.7	69.9	74.5	78.6	82.5	86.6	90.4	94.1	97.7
130°	54.3	58.9	63.2	67.4	71.6	75.6	79.5	83.3	87.0	90.6	94.1
132.5°	52.0	56.4	60.5	64.5	68.7	72.6	76.4	80.1	83.6	87.0	90.4
135°	49.7	53.7	57.4	61.6	65.5	69.3	73.2	76.9	79.9	83.0	86.1
137.5°	47.0	50.8	54.6	58.5	61.9	65.7	69.5	72.8	75.8	78.8	81.9
140°	44.2	47.9	51.5	55.0	58.5	62.2	65.6	68.7	71.7	74.5	77.5
142.5°	41.4	44.8	48.2	51.6	55.0	58.3	61.4	64.4	67.4	70.1	72.8
145°	38.2	41.4	44.8	48.1	51.1	54.2	57.3	60.2	62.8	65.2	67.8
147.5°	34.9	38.0	41.3	44.3	47.0	49.8	52.7	55.4	57.9	60.3	62.8
150°	31.7	34.4	37.1	39.9	42.8	45.3	48.0	50.6	53.0	55.2	57.4
152.5°	28.5	31.0	33.6	36.2	38.9	41.3	43.6	45.8	48.0	50.0	51.9
155°	25.2	27.6	30.0	32.2	34.4	36.6	38.8	40.8	42.7	44.6	46.4
157.5°	21.9	23.9	26.0	28.0	30.1	32.1	34.0	35.7	37.2	38.6	40.4
160°	18.6	20.3	22.1	23.8	25.8	27.4	28.9	30.4	31.8	33.2	34.6
162.5°	15.4	17.0	18.5	20.0	21.4	22.7	24.0	25.2	26.4	27.6	28.8
165°	12.1	13.3	14.6	15.9	17.0	18.2	19.3	20.3	21.3	22.4	23.4
167.5°	9.5	10.4	11.3	12.1	12.9	13.8	14.6	15.5	16.4	17.3	18.1
170°	6.9	7.6	8.2	8.9	9.5	10.1	10.7	11.3	11.8	12.4	12.9
172.5°	4.0	4.1	4.8	5.2	5.8	6.3	6.8	7.2	7.7	8.1	8.5
175°	2.9	3.1	3.2	3.4	3.6	3.8	3.9	4.1	4.2	4.4	4.6
177.5°	1.8	1.9	2.0	2.1	2.2	2.3	2.3	2.4	2.5	2.6	2.7
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231962

CATALOG NUMBER: FVS4WM-4-LD4-40-1STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
2.5°	2.8	2.8	2.9	3.0	3.0	3.1	3.1	3.2	3.2	3.3	3.5
5°	4.7	4.9	5.0	5.1	5.2	5.3	5.4	5.5	5.6	5.7	6.2
7.5°	8.9	9.3	9.6	9.8	10.1	10.3	10.6	10.7	10.9	11.0	11.7
10°	13.5	13.9	14.4	14.8	15.1	15.4	15.7	15.9	16.1	16.3	17.3
12.5°	18.8	19.5	20.1	20.7	21.2	21.7	22.1	22.6	22.9	23.2	24.4
15°	24.4	25.4	26.1	26.8	27.4	27.9	28.5	29.1	29.6	30.1	31.5
17.5°	30.0	31.2	32.4	33.2	33.9	34.6	35.2	36.0	36.8	37.4	38.9
20°	36.0	37.3	38.6	39.8	40.5	41.2	41.9	42.9	43.8	44.7	46.3
22.5°	42.0	43.6	44.8	45.9	46.9	47.9	48.9	49.8	50.5	51.2	53.6
25°	48.1	49.7	51.1	52.4	53.6	54.8	55.9	56.9	57.8	58.6	61.3
27.5°	53.8	55.5	57.2	58.7	60.0	61.1	62.3	63.3	64.5	65.5	68.3
30°	59.4	61.3	63.3	65.2	66.3	67.3	68.6	69.7	71.1	72.4	75.2
32.5°	65.0	66.9	68.9	70.9	72.4	73.6	74.9	76.1	77.3	78.5	81.7
35°	70.3	72.4	74.3	76.4	78.4	79.8	81.2	82.5	83.6	84.6	88.3
37.5°	75.4	77.7	79.7	81.7	83.9	85.4	86.8	88.1	89.4	90.7	94.4
40°	80.3	82.8	84.9	86.9	89.1	90.8	92.3	93.6	95.1	96.8	100.4
42.5°	85.1	87.7	90.0	91.9	94.1	96.0	97.5	98.8	100.4	102.1	106.2
45°	89.1	92.0	94.9	96.8	98.9	101.1	102.6	104.0	105.6	107.4	111.9
47.5°	93.4	96.2	99.3	101.4	103.6	105.8	107.4	108.8	110.5	112.7	117.1
50°	97.4	100.4	103.3	105.8	108.1	110.4	112.1	113.6	115.4	117.9	122.2
52.5°	101.1	104.4	107.2	109.8	112.4	114.5	116.4	118.0	119.7	122.0	126.8
55°	104.5	107.8	110.9	113.5	116.5	118.4	120.5	122.4	124.0	126.1	131.4
57.5°	107.8	111.2	114.4	116.9	119.7	122.1	124.2	126.0	127.6	129.8	135.2
60°	110.6	114.4	117.8	120.3	122.8	125.6	128.0	129.6	131.3	133.4	139.0
62.5°	113.2	117.2	120.5	123.4	125.9	128.6	131.0	132.8	134.5	136.7	142.4
65°	115.9	119.6	123.0	126.2	129.0	131.5	133.9	136.0	137.7	139.9	145.8
67.5°	118.1	121.8	125.3	128.5	131.4	133.8	136.2	138.5	140.1	142.3	148.3
70°	119.8	123.5	127.1	130.5	133.3	136.1	138.6	140.8	142.4	144.8	150.9
72.5°	121.3	125.1	128.7	132.2	135.0	137.8	140.5	142.5	144.1	146.8	153.0
75°	122.6	126.6	130.4	133.7	136.8	139.4	142.4	144.1	145.7	148.8	155.4
77.5°	123.6	127.7	131.4	134.9	138.0	140.5	143.6	145.3	147.3	150.1	156.6
80°	124.6	128.6	132.1	135.9	139.2	141.6	144.8	146.5	148.8	151.3	157.8
82.5°	125.1	129.1	132.7	136.3	139.6	142.4	145.2	147.2	149.3	152.1	158.2
85°	125.4	129.4	133.4	136.6	139.9	143.2	145.6	148.0	149.7	152.9	158.6
87.5°	125.7	129.7	133.4	137.1	140.3	143.2	146.0	148.4	150.1	153.3	159.0
90°	126.1	130.1	133.4	137.5	140.7	143.2	146.4	148.8	150.5	153.7	159.4
92.5°	125.7	129.7	133.4	137.1	140.3	143.2	146.0	148.4	150.1	153.3	159.0
95°	125.4	129.4	133.4	136.6	139.9	143.2	145.6	148.0	149.7	152.9	158.6
97.5°	125.1	129.1	132.7	136.3	139.6	142.4	145.2	147.2	149.3	152.1	158.2
100°	124.6	128.6	132.1	135.9	139.2	141.6	144.8	146.5	148.8	151.3	157.8
102.5°	123.6	127.7	131.4	134.9	138.0	140.5	143.6	145.3	147.3	150.1	156.6
105°	122.6	126.6	130.4	133.7	136.8	139.4	142.4	144.1	145.7	148.8	155.4
107.5°	121.3	125.1	128.7	132.2	135.0	137.8	140.5	142.5	144.1	146.8	153.0
110°	119.8	123.5	127.1	130.5	133.3	136.1	138.6	140.8	142.4	144.8	150.9



TEST NUMBER: P231962

CATALOG NUMBER: FVS4WM-4-LD4-40-1STD-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°	118.1	121.8	125.3	128.5	131.4	133.8	136.2	138.5	140.1	142.3	148.3
115°	115.9	119.6	123.0	126.2	129.0	131.5	133.9	136.0	137.7	139.9	145.8
117.5°	113.2	117.2	120.5	123.4	125.9	128.6	131.0	132.8	134.5	136.7	142.4
120°	110.6	114.4	117.8	120.3	122.8	125.6	128.0	129.6	131.3	133.4	139.0
122.5°	107.8	111.2	114.4	116.9	119.7	122.1	124.2	126.0	127.6	129.8	135.2
125°	104.5	107.8	110.9	113.5	116.5	118.4	120.5	122.4	124.0	126.1	131.4
127.5°	101.1	104.4	107.2	109.8	112.4	114.5	116.4	118.0	119.7	122.0	126.8
130°	97.4	100.4	103.3	105.8	108.1	110.4	112.1	113.6	115.4	117.9	122.2
132.5°	93.4	96.2	99.3	101.4	103.6	105.8	107.4	108.8	110.5	112.7	117.1
135°	89.1	92.0	94.9	96.8	98.9	101.1	102.6	104.0	105.6	107.4	111.9
137.5°	85.1	87.7	90.0	91.9	94.1	96.0	97.5	98.8	100.4	102.1	106.2
140°	80.3	82.8	84.9	86.9	89.1	90.8	92.3	93.6	95.1	96.8	100.4
142.5°	75.4	77.7	79.7	81.7	83.9	85.4	86.8	88.1	89.4	90.7	94.4
145°	70.3	72.4	74.3	76.4	78.4	79.8	81.2	82.5	83.6	84.6	88.3
147.5°	65.0	66.9	68.9	70.9	72.4	73.6	74.9	76.1	77.3	78.5	81.7
150°	59.4	61.3	63.3	65.2	66.3	67.3	68.6	69.7	71.1	72.4	75.2
152.5°	53.8	55.5	57.2	58.7	60.0	61.1	62.3	63.3	64.5	65.5	68.3
155°	48.1	49.7	51.1	52.4	53.6	54.8	55.9	56.9	57.8	58.6	61.3
157.5°	42.0	43.6	44.8	45.9	46.9	47.9	48.9	49.8	50.5	51.2	53.6
160°	36.0	37.3	38.6	39.8	40.5	41.2	41.9	42.9	43.8	44.7	46.3
162.5°	30.0	31.2	32.4	33.2	33.9	34.6	35.2	36.0	36.8	37.4	38.9
165°	24.4	25.4	26.1	26.8	27.4	27.9	28.5	29.1	29.6	30.1	31.5
167.5°	18.8	19.5	20.1	20.7	21.2	21.7	22.1	22.6	22.9	23.2	24.4
170°	13.5	13.9	14.4	14.8	15.1	15.4	15.7	15.9	16.1	16.3	17.3
172.5°	8.9	9.3	9.6	9.8	10.1	10.3	10.6	10.7	10.9	11.0	11.7
175°	4.7	4.9	5.0	5.1	5.2	5.3	5.4	5.5	5.6	5.7	6.2
177.5°	2.8	2.8	2.9	3.0	3.0	3.1	3.1	3.2	3.2	3.3	3.5
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: P231962

CATALOG NUMBER: FVS4WM-4-LD4-40-1STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
2.5°	3.7	3.9	4.1	4.3	4.5	4.7	4.9	5.1	5.2	5.4	5.5
5°	6.7	7.1	7.6	8.0	8.5	8.9	9.3	9.6	10.0	10.3	10.6
7.5°	12.4	13.1	13.7	14.3	14.9	15.4	16.0	17.3	18.5	19.7	20.8
10°	18.2	19.1	19.9	20.7	21.7	23.6	25.4	27.2	28.8	30.4	32.0
12.5°	25.5	26.6	27.6	29.1	31.5	33.8	36.0	38.1	40.5	43.3	46.0
15°	32.9	34.2	35.6	38.6	41.4	44.2	46.9	50.5	53.9	57.2	60.9
17.5°	40.4	41.8	44.6	48.0	51.4	54.9	59.2	63.4	67.3	71.6	76.0
20°	47.9	49.5	53.5	57.5	61.4	66.7	71.7	76.5	81.8	86.9	91.9
22.5°	55.9	59.0	63.6	67.9	73.1	78.5	84.0	90.3	96.2	102.1	108.4
25°	63.8	67.6	72.1	77.0	83.6	89.9	96.9	103.9	110.8	117.5	124.1
27.5°	70.9	75.7	80.8	87.3	94.5	102.0	109.8	117.5	125.6	133.5	141.3
30°	77.9	84.0	90.0	97.7	105.8	114.2	122.8	131.7	140.5	149.4	158.2
32.5°	85.2	91.5	98.3	106.9	115.9	125.7	135.6	145.5	155.4	165.2	174.5
35°	92.5	98.7	106.5	115.6	125.9	137.0	147.5	158.4	169.2	179.8	189.9
37.5°	99.2	106.2	115.3	125.2	136.3	147.6	159.5	171.2	183.4	193.7	204.6
40°	105.9	113.9	124.4	135.3	146.5	158.6	171.0	183.5	195.8	207.8	219.5
42.5°	112.2	120.3	132.0	143.9	155.9	169.1	182.3	195.7	209.0	221.6	233.6
45°	118.4	126.9	139.1	152.0	165.2	179.0	193.2	207.2	221.2	234.1	247.0
47.5°	124.1	133.7	146.2	159.6	173.8	188.6	203.6	218.4	232.4	246.4	260.3
50°	129.9	140.4	153.1	167.0	182.0	197.6	213.2	228.7	243.4	258.0	273.5
52.5°	134.6	145.7	159.5	174.0	190.2	206.3	222.5	238.6	254.5	270.1	285.0
55°	139.2	150.9	165.6	181.3	198.4	214.6	231.0	247.6	264.3	280.7	295.8
57.5°	143.6	156.1	171.2	187.5	205.2	222.2	239.1	256.3	273.6	290.3	306.3
60°	148.1	161.2	176.5	193.1	211.1	229.3	246.7	264.7	282.3	299.2	315.2
62.5°	152.2	165.4	181.0	198.5	217.0	235.5	253.7	272.6	290.4	307.6	324.2
65°	156.2	169.5	185.3	203.6	222.5	240.9	259.9	279.4	297.3	315.2	332.3
67.5°	158.4	173.2	189.9	208.5	227.6	246.4	265.8	285.6	303.9	322.4	339.5
70°	161.3	175.8	194.0	212.9	232.3	251.4	271.1	291.3	310.0	327.3	345.4
72.5°	163.6	178.6	197.0	215.9	235.7	255.5	275.6	296.0	315.4	333.7	351.4
75°	165.9	181.2	199.7	218.5	238.5	259.3	279.7	300.0	319.9	338.4	356.2
77.5°	167.8	182.7	201.4	220.7	241.4	262.2	282.9	303.1	323.5	342.3	360.4
80°	170.0	183.9	202.9	222.8	244.1	264.4	285.6	305.3	325.8	345.0	363.4
82.5°	170.4	185.8	204.6	224.3	245.7	265.9	287.2	307.5	328.1	347.2	365.9
85°	170.8	187.1	205.0	226.1	247.3	267.6	288.7	310.5	330.0	348.7	368.1
87.5°	171.2	187.1	205.0	226.5	247.3	267.2	289.1	310.7	330.3	349.7	369.3
90°	171.6	187.1	205.0	226.9	247.3	266.8	289.6	310.7	329.4	349.7	369.3
92.5°	171.2	187.1	205.0	226.5	247.3	267.2	289.1	310.7	330.3	349.7	369.3
95°	170.8	187.1	205.0	226.1	247.3	267.6	288.7	310.5	330.0	348.7	368.1
97.5°	170.4	185.8	204.6	224.3	245.7	265.9	287.2	307.5	328.1	347.2	365.9
100°	170.0	183.9	202.9	222.8	244.1	264.4	285.6	305.3	325.8	345.0	363.4
102.5°	167.8	182.7	201.4	220.7	241.4	262.2	282.9	303.1	323.5	342.3	360.4
105°	165.9	181.2	199.7	218.5	238.5	259.3	279.7	300.0	319.9	338.4	356.2
107.5°	163.6	178.6	197.0	215.9	235.7	255.5	275.6	296.0	315.4	333.7	351.4
110°	161.3	175.8	194.0	212.9	232.3	251.4	271.1	291.3	310.0	327.3	345.4



TEST NUMBER: P231962

CATALOG NUMBER: FVS4WM-4-LD4-40-1STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	158.4	173.2	189.9	208.5	227.6	246.4	265.8	285.6	303.9	322.4	339.5
115°	156.2	169.5	185.3	203.6	222.5	240.9	259.9	279.4	297.3	315.2	332.3
117.5°	152.2	165.4	181.0	198.5	217.0	235.5	253.7	272.6	290.4	307.6	324.2
120°	148.1	161.2	176.5	193.1	211.1	229.3	246.7	264.7	282.3	299.2	315.2
122.5°	143.6	156.1	171.2	187.5	205.2	222.2	239.1	256.3	273.6	290.3	306.3
125°	139.2	150.9	165.6	181.3	198.4	214.6	231.0	247.6	264.3	280.7	295.8
127.5°	134.6	145.7	159.5	174.0	190.2	206.3	222.5	238.6	254.5	270.1	285.0
130°	129.9	140.4	153.1	167.0	182.0	197.6	213.2	228.7	243.4	258.0	273.5
132.5°	124.1	133.7	146.2	159.6	173.8	188.6	203.6	218.4	232.4	246.4	260.3
135°	118.4	126.9	139.1	152.0	165.2	179.0	193.2	207.2	221.2	234.1	247.0
137.5°	112.2	120.3	132.0	143.9	155.9	169.1	182.3	195.7	209.0	221.6	233.6
140°	105.9	113.9	124.4	135.3	146.5	158.6	171.0	183.5	195.8	207.8	219.5
142.5°	99.2	106.2	115.3	125.2	136.3	147.6	159.5	171.2	183.4	193.7	204.6
145°	92.5	98.7	106.5	115.6	125.9	137.0	147.5	158.4	169.2	179.8	189.9
147.5°	85.2	91.5	98.3	106.9	115.9	125.7	135.6	145.5	155.4	165.2	174.5
150°	77.9	84.0	90.0	97.7	105.8	114.2	122.8	131.7	140.5	149.4	158.2
152.5°	70.9	75.7	80.8	87.3	94.5	102.0	109.8	117.5	125.6	133.5	141.3
155°	63.8	67.6	72.1	77.0	83.6	89.9	96.9	103.9	110.8	117.5	124.1
157.5°	55.9	59.0	63.6	67.9	73.1	78.5	84.0	90.3	96.2	102.1	108.4
160°	47.9	49.5	53.5	57.5	61.4	66.7	71.7	76.5	81.8	86.9	91.9
162.5°	40.4	41.8	44.6	48.0	51.4	54.9	59.2	63.4	67.3	71.6	76.0
165°	32.9	34.2	35.6	38.6	41.4	44.2	46.9	50.5	53.9	57.2	60.9
167.5°	25.5	26.6	27.6	29.1	31.5	33.8	36.0	38.1	40.5	43.3	46.0
170°	18.2	19.1	19.9	20.7	21.7	23.6	25.4	27.2	28.8	30.4	32.0
172.5°	12.4	13.1	13.7	14.3	14.9	15.4	16.0	17.3	18.5	19.7	20.8
175°	6.7	7.1	7.6	8.0	8.5	8.9	9.3	9.6	10.0	10.3	10.6
177.5°	3.7	3.9	4.1	4.3	4.5	4.7	4.9	5.1	5.2	5.4	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: P231962

CATALOG NUMBER: FVS4WM-4-LD4-40-1STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
2.5°	5.7	5.8	5.9	6.0	6.1	6.2	6.3	6.3	6.4	6.4	6.4
5°	11.4	12.2	12.9	13.6	14.3	14.9	15.5	16.0	16.5	17.0	17.4
7.5°	21.8	22.7	23.6	24.4	25.2	26.4	27.2	28.5	29.7	30.8	31.8
10°	34.0	36.0	37.9	39.6	41.2	42.7	44.1	45.4	46.8	48.1	49.2
12.5°	48.6	51.0	53.4	56.1	58.5	60.8	62.9	64.9	66.6	68.4	70.1
15°	64.0	67.5	70.8	73.9	76.9	80.1	83.0	85.7	88.3	90.6	92.6
17.5°	80.2	84.9	88.9	93.2	97.3	101.0	104.4	107.4	110.2	112.7	115.2
20°	97.3	102.7	108.0	113.0	117.4	121.4	125.2	128.8	132.2	135.3	138.0
22.5°	114.5	120.6	126.5	132.0	137.3	141.8	146.2	150.2	154.0	157.5	160.6
25°	131.4	138.7	146.4	151.6	157.3	162.5	167.4	171.8	175.9	179.7	183.7
27.5°	149.2	156.9	164.0	170.8	177.2	183.1	189.4	193.8	198.7	203.3	207.0
30°	166.5	174.6	182.5	190.4	197.7	204.3	210.3	215.9	221.0	225.5	229.9
32.5°	183.4	192.3	201.3	209.9	217.4	224.5	231.2	237.3	242.6	247.3	252.0
35°	199.8	209.6	219.1	228.1	236.3	243.5	250.6	256.9	262.9	268.3	273.1
37.5°	215.6	226.0	236.3	246.0	254.1	262.2	270.1	276.8	282.9	290.0	294.7
40°	230.9	241.4	252.2	262.5	272.1	281.7	289.4	295.9	302.7	309.2	315.2
42.5°	245.4	256.8	268.6	279.5	289.6	298.2	305.9	313.8	322.1	328.4	334.7
45°	259.9	272.2	284.2	295.3	305.0	313.7	322.8	331.5	339.8	347.1	352.0
47.5°	273.9	286.7	298.8	310.1	320.2	330.1	339.5	348.2	356.3	362.8	368.3
50°	287.2	300.1	312.6	324.4	335.2	345.6	355.2	363.9	372.5	379.0	385.0
52.5°	299.1	312.7	325.8	338.1	349.5	359.7	369.7	378.9	386.4	394.0	400.3
55°	310.4	324.6	338.7	350.2	362.0	373.4	383.7	392.5	400.6	408.8	415.1
57.5°	320.7	335.4	349.2	362.3	374.9	385.8	396.3	406.0	414.1	422.0	429.1
60°	330.5	346.1	359.7	373.1	385.7	397.1	408.0	417.7	426.3	434.3	441.4
62.5°	339.8	355.0	369.5	383.1	395.5	408.0	419.4	429.3	437.8	446.0	453.3
65°	348.1	363.7	378.7	392.5	405.8	418.4	430.3	439.5	448.1	456.9	464.3
67.5°	356.2	371.9	386.7	401.3	414.6	426.7	438.7	448.5	457.6	466.6	474.6
70°	362.4	378.9	394.0	408.9	422.2	434.7	446.5	456.9	466.4	475.8	484.0
72.5°	368.3	384.5	400.0	415.2	428.8	442.0	453.7	464.0	474.1	483.7	492.1
75°	373.4	389.7	405.4	420.5	434.6	447.4	459.7	470.3	480.8	490.4	499.0
77.5°	377.8	394.4	409.7	424.9	439.3	452.6	464.9	475.9	485.8	495.7	504.4
80°	380.6	397.6	413.1	428.4	442.9	456.5	468.8	480.0	490.1	499.9	508.8
82.5°	382.8	400.2	415.9	431.0	445.5	458.6	470.8	483.0	493.6	503.4	512.4
85°	384.4	401.5	418.2	433.0	447.1	460.5	472.7	485.1	495.5	505.5	514.5
87.5°	385.8	402.6	419.4	434.3	448.5	461.8	474.0	486.4	496.1	506.7	515.6
90°	386.3	402.6	418.9	434.3	449.0	461.2	473.4	486.4	496.1	506.7	514.9
92.5°	385.8	402.6	419.4	434.3	448.5	461.8	474.0	486.4	496.1	506.7	515.6
95°	384.4	401.5	418.2	433.0	447.1	460.5	472.7	485.1	495.5	505.5	514.5
97.5°	382.8	400.2	415.9	431.0	445.5	458.6	470.8	483.0	493.6	503.4	512.4
100°	380.6	397.6	413.1	428.4	442.9	456.5	468.8	480.0	490.1	499.9	508.8
102.5°	377.8	394.4	409.7	424.9	439.3	452.6	464.9	475.9	485.8	495.7	504.4
105°	373.4	389.7	405.4	420.5	434.6	447.4	459.7	470.3	480.8	490.4	499.0
107.5°	368.3	384.5	400.0	415.2	428.8	442.0	453.7	464.0	474.1	483.7	492.1
110°	362.4	378.9	394.0	408.9	422.2	434.7	446.5	456.9	466.4	475.8	484.0



TEST NUMBER: P231962

CATALOG NUMBER: FVS4WM-4-LD4-40-1STD-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°	356.2	371.9	386.7	401.3	414.6	426.7	438.7	448.5	457.6	466.6	474.6
115°	348.1	363.7	378.7	392.5	405.8	418.4	430.3	439.5	448.1	456.9	464.3
117.5°	339.8	355.0	369.5	383.1	395.5	408.0	419.4	429.3	437.8	446.0	453.3
120°	330.5	346.1	359.7	373.1	385.7	397.1	408.0	417.7	426.3	434.3	441.4
122.5°	320.7	335.4	349.2	362.3	374.9	385.8	396.3	406.0	414.1	422.0	429.1
125°	310.4	324.6	338.7	350.2	362.0	373.4	383.7	392.5	400.6	408.8	415.1
127.5°	299.1	312.7	325.8	338.1	349.5	359.7	369.7	378.9	386.4	394.0	400.3
130°	287.2	300.1	312.6	324.4	335.2	345.6	355.2	363.9	372.5	379.0	385.0
132.5°	273.9	286.7	298.8	310.1	320.2	330.1	339.5	348.2	356.3	362.8	368.3
135°	259.9	272.2	284.2	295.3	305.0	313.7	322.8	331.5	339.8	347.1	352.0
137.5°	245.4	256.8	268.6	279.5	289.6	298.2	305.9	313.8	322.1	328.4	334.7
140°	230.9	241.4	252.2	262.5	272.1	281.7	289.4	295.9	302.7	309.2	315.2
142.5°	215.6	226.0	236.3	246.0	254.1	262.2	270.1	276.8	282.9	290.0	294.7
145°	199.8	209.6	219.1	228.1	236.3	243.5	250.6	256.9	262.9	268.3	273.1
147.5°	183.4	192.3	201.3	209.9	217.4	224.5	231.2	237.3	242.6	247.3	252.0
150°	166.5	174.6	182.5	190.4	197.7	204.3	210.3	215.9	221.0	225.5	229.9
152.5°	149.2	156.9	164.0	170.8	177.2	183.1	189.4	193.8	198.7	203.3	207.0
155°	131.4	138.7	146.4	151.6	157.3	162.5	167.4	171.8	175.9	179.7	183.7
157.5°	114.5	120.6	126.5	132.0	137.3	141.8	146.2	150.2	154.0	157.5	160.6
160°	97.3	102.7	108.0	113.0	117.4	121.4	125.2	128.8	132.2	135.3	138.0
162.5°	80.2	84.9	88.9	93.2	97.3	101.0	104.4	107.4	110.2	112.7	115.2
165°	64.0	67.5	70.8	73.9	76.9	80.1	83.0	85.7	88.3	90.6	92.6
167.5°	48.6	51.0	53.4	56.1	58.5	60.8	62.9	64.9	66.6	68.4	70.1
170°	34.0	36.0	37.9	39.6	41.2	42.7	44.1	45.4	46.8	48.1	49.2
172.5°	21.8	22.7	23.6	24.4	25.2	26.4	27.2	28.5	29.7	30.8	31.8
175°	11.4	12.2	12.9	13.6	14.3	14.9	15.5	16.0	16.5	17.0	17.4
177.5°	5.7	5.8	5.9	6.0	6.1	6.2	6.3	6.3	6.4	6.4	6.4
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: P231962

CATALOG NUMBER: FVS4WM-4-LD4-40-1STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
2.5°	6.4	6.4	6.4	6.4	6.4	6.3	6.4	6.3	6.2	6.1	5.9
5°	17.8	18.1	18.4	18.6	18.8	19.0	19.1	19.2	19.6	19.3	19.1
7.5°	32.7	33.5	34.3	35.0	35.5	36.0	36.4	36.7	36.9	37.4	37.1
10°	50.0	51.4	52.6	53.7	54.6	55.3	55.9	56.3	56.6	57.4	57.0
12.5°	71.6	72.8	73.8	74.9	76.2	77.4	78.4	79.2	79.7	80.0	80.6
15°	94.5	96.1	97.6	98.8	99.7	100.9	102.1	103.0	103.7	104.0	104.6
17.5°	117.5	119.6	121.5	123.1	124.3	125.3	126.3	127.4	128.1	128.5	129.2
20°	140.5	142.9	145.0	146.7	148.0	149.0	149.7	150.5	151.4	151.9	152.8
22.5°	163.4	165.7	167.9	170.2	172.1	173.4	174.2	174.6	175.6	176.3	177.4
25°	187.2	190.4	193.1	195.0	196.6	198.0	198.9	199.5	199.9	200.7	201.0
27.5°	210.2	213.2	215.9	218.2	219.9	221.7	222.8	223.2	223.1	223.7	223.9
30°	233.0	236.5	239.8	242.4	243.9	245.0	246.0	246.5	246.4	246.7	247.1
32.5°	256.1	259.2	261.4	263.9	265.9	267.3	268.1	268.4	268.0	267.3	267.7
35°	277.1	280.5	283.5	286.0	288.1	289.3	289.7	290.0	289.9	289.4	290.4
37.5°	298.8	302.1	305.1	307.8	309.9	310.6	310.5	310.3	310.8	310.8	311.0
40°	319.6	322.5	325.3	328.0	329.8	330.6	330.9	330.6	330.9	330.6	331.0
42.5°	339.1	342.4	345.4	348.1	349.9	350.7	351.1	350.7	350.1	349.7	349.2
45°	356.8	361.3	364.3	367.2	368.8	370.7	370.6	370.3	369.7	369.1	367.7
47.5°	373.7	378.7	382.8	385.4	386.5	387.8	388.6	388.4	387.4	386.4	385.2
50°	390.3	395.3	399.2	402.1	404.6	405.5	405.8	405.5	404.9	404.0	403.3
52.5°	406.0	411.3	415.6	419.0	421.6	423.0	423.3	423.0	421.9	420.3	419.4
55°	420.8	426.1	430.9	434.4	437.5	439.1	439.3	438.9	437.9	436.5	436.1
57.5°	434.8	439.9	444.6	448.5	452.4	454.0	454.8	454.2	452.5	451.3	450.6
60°	447.7	453.0	457.1	461.6	465.6	467.7	468.7	468.1	466.7	465.7	464.9
62.5°	459.8	464.7	469.5	474.8	478.1	480.4	481.7	481.5	480.3	478.7	476.5
65°	471.2	476.8	481.7	486.1	489.6	492.4	493.7	494.0	492.2	490.8	488.7
67.5°	482.1	487.6	492.4	496.0	499.2	502.3	504.2	505.0	503.1	501.5	499.9
70°	491.1	497.4	502.5	505.4	508.4	511.0	513.2	514.1	513.5	511.2	509.9
72.5°	499.3	505.6	510.7	514.7	516.9	519.1	520.8	521.6	522.9	519.9	518.0
75°	506.1	512.7	517.8	521.5	524.2	526.3	527.0	528.3	528.7	528.2	525.6
77.5°	512.2	518.6	524.1	528.1	530.9	532.8	533.2	533.2	533.7	534.5	532.2
80°	516.8	523.2	528.6	532.8	535.6	538.2	538.9	537.9	536.6	537.9	537.8
82.5°	520.3	526.4	531.7	536.0	539.0	541.3	542.4	542.3	541.5	538.9	541.1
85°	522.6	529.0	534.0	538.4	541.1	543.3	544.5	544.3	543.8	542.4	539.6
87.5°	523.0	529.3	534.3	538.5	541.5	543.2	544.0	544.4	544.1	542.8	541.9
90°	523.0	528.7	534.4	538.4	540.9	542.5	544.1	543.3	542.5	540.9	538.4
92.5°	523.0	529.3	534.3	538.5	541.5	543.2	544.0	544.4	544.1	542.8	541.9
95°	522.6	529.0	534.0	538.4	541.1	543.3	544.5	544.3	543.8	542.4	539.6
97.5°	520.3	526.4	531.7	536.0	539.0	541.3	542.4	542.3	541.5	538.9	541.1
100°	516.8	523.2	528.6	532.8	535.6	538.2	538.9	537.9	536.6	537.9	537.8
102.5°	512.2	518.6	524.1	528.1	530.9	532.8	533.2	533.2	533.7	534.5	532.2
105°	506.1	512.7	517.8	521.5	524.2	526.3	527.0	528.3	528.7	528.2	525.6
107.5°	499.3	505.6	510.7	514.7	516.9	519.1	520.8	521.6	522.9	519.9	518.0
110°	491.1	497.4	502.5	505.4	508.4	511.0	513.2	514.1	513.5	511.2	509.9



TEST NUMBER: P231962

CATALOG NUMBER: FVS4WM-4-LD4-40-1STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	482.1	487.6	492.4	496.0	499.2	502.3	504.2	505.0	503.1	501.5	499.9
115°	471.2	476.8	481.7	486.1	489.6	492.4	493.7	494.0	492.2	490.8	488.7
117.5°	459.8	464.7	469.5	474.8	478.1	480.4	481.7	481.5	480.3	478.7	476.5
120°	447.7	453.0	457.1	461.6	465.6	467.7	468.7	468.1	466.7	465.7	464.9
122.5°	434.8	439.9	444.6	448.5	452.4	454.0	454.8	454.2	452.5	451.3	450.6
125°	420.8	426.1	430.9	434.4	437.5	439.1	439.3	438.9	437.9	436.5	436.1
127.5°	406.0	411.3	415.6	419.0	421.6	423.0	423.3	423.0	421.9	420.3	419.4
130°	390.3	395.3	399.2	402.1	404.6	405.5	405.8	405.5	404.9	404.0	403.3
132.5°	373.7	378.7	382.8	385.4	386.5	387.8	388.6	388.4	387.4	386.4	385.2
135°	356.8	361.3	364.3	367.2	368.8	370.7	370.6	370.3	369.7	369.1	367.7
137.5°	339.1	342.4	345.4	348.1	349.9	350.7	351.1	350.7	350.1	349.7	349.2
140°	319.6	322.5	325.3	328.0	329.8	330.6	330.9	330.6	330.9	330.6	331.0
142.5°	298.8	302.1	305.1	307.8	309.9	310.6	310.5	310.3	310.8	310.8	311.0
145°	277.1	280.5	283.5	286.0	288.1	289.3	289.7	290.0	289.9	289.4	290.4
147.5°	256.1	259.2	261.4	263.9	265.9	267.3	268.1	268.4	268.0	267.3	267.7
150°	233.0	236.5	239.8	242.4	243.9	245.0	246.0	246.5	246.4	246.7	247.1
152.5°	210.2	213.2	215.9	218.2	219.9	221.7	222.8	223.2	223.1	223.7	223.9
155°	187.2	190.4	193.1	195.0	196.6	198.0	198.9	199.5	199.9	200.7	201.0
157.5°	163.4	165.7	167.9	170.2	172.1	173.4	174.2	174.6	175.6	176.3	177.4
160°	140.5	142.9	145.0	146.7	148.0	149.0	149.7	150.5	151.4	151.9	152.8
162.5°	117.5	119.6	121.5	123.1	124.3	125.3	126.3	127.4	128.1	128.5	129.2
165°	94.5	96.1	97.6	98.8	99.7	100.9	102.1	103.0	103.7	104.0	104.6
167.5°	71.6	72.8	73.8	74.9	76.2	77.4	78.4	79.2	79.7	80.0	80.6
170°	50.0	51.4	52.6	53.7	54.6	55.3	55.9	56.3	56.6	57.4	57.0
172.5°	32.7	33.5	34.3	35.0	35.5	36.0	36.4	36.7	36.9	37.4	37.1
175°	17.8	18.1	18.4	18.6	18.8	19.0	19.1	19.2	19.6	19.3	19.1
177.5°	6.4	6.4	6.4	6.4	6.4	6.3	6.4	6.3	6.2	6.1	5.9
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231962

CATALOG NUMBER: FVS4WM-4-LD4-40-1STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	0.8	0.8
2.5°	5.8	5.7
5°	18.9	18.7
7.5°	36.9	36.6
10°	56.5	56.1
12.5°	80.2	79.7
15°	104.0	103.3
17.5°	128.5	127.7
20°	152.0	151.3
22.5°	176.5	175.7
25°	201.1	200.1
27.5°	223.9	222.9
30°	247.4	246.4
32.5°	267.8	266.8
35°	291.5	291.2
37.5°	311.1	309.9
40°	333.8	335.1
42.5°	351.0	351.4
45°	369.3	369.3
47.5°	387.8	389.6
50°	405.9	408.3
52.5°	420.0	420.5
55°	436.8	436.8
57.5°	451.1	453.0
60°	465.1	464.4
62.5°	477.8	478.3
65°	489.9	490.5
67.5°	500.4	501.8
70°	510.5	510.8
72.5°	519.1	520.6
75°	525.8	527.9
77.5°	532.3	535.2
80°	537.1	539.3
82.5°	541.1	544.1
85°	544.4	546.6
87.5°	541.4	548.2
90°	538.4	543.3
92.5°	541.4	548.2
95°	544.4	546.6
97.5°	541.1	544.1
100°	537.1	539.3
102.5°	532.3	535.2
105°	525.8	527.9
107.5°	519.1	520.6
110°	510.5	510.8



TEST NUMBER: P231962

CATALOG NUMBER: FVS4WM-4-LD4-40-1STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	500.4	501.8
115°	489.9	490.5
117.5°	477.8	478.3
120°	465.1	464.4
122.5°	451.1	453.0
125°	436.8	436.8
127.5°	420.0	420.5
130°	405.9	408.3
132.5°	387.8	389.6
135°	369.3	369.3
137.5°	351.0	351.4
140°	333.8	335.1
142.5°	311.1	309.9
145°	291.5	291.2
147.5°	267.8	266.8
150°	247.4	246.4
152.5°	223.9	222.9
155°	201.1	200.1
157.5°	176.5	175.7
160°	152.0	151.3
162.5°	128.5	127.7
165°	104.0	103.3
167.5°	80.2	79.7
170°	56.5	56.1
172.5°	36.9	36.6
175°	18.9	18.7
177.5°	5.8	5.7
180°	0.0	0.0

(END OF REPORT)