

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: P231931

Luminaire Tested: **FVS4WM-2-LD4-50-2HI-PFS125-UNV-EDC1**

Issue Date: 3/3/2020



Test Information

Test Method: LM-79-08
Report Number: P231931
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-LD4-50-2HI-PFS125-UNV-EDC1
Description: FAILSAFE FVS LED FIXTURE
2FT LENGTH, 2-MODULE LED WITH PFS125 LENS
Light Source: (84) 5000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

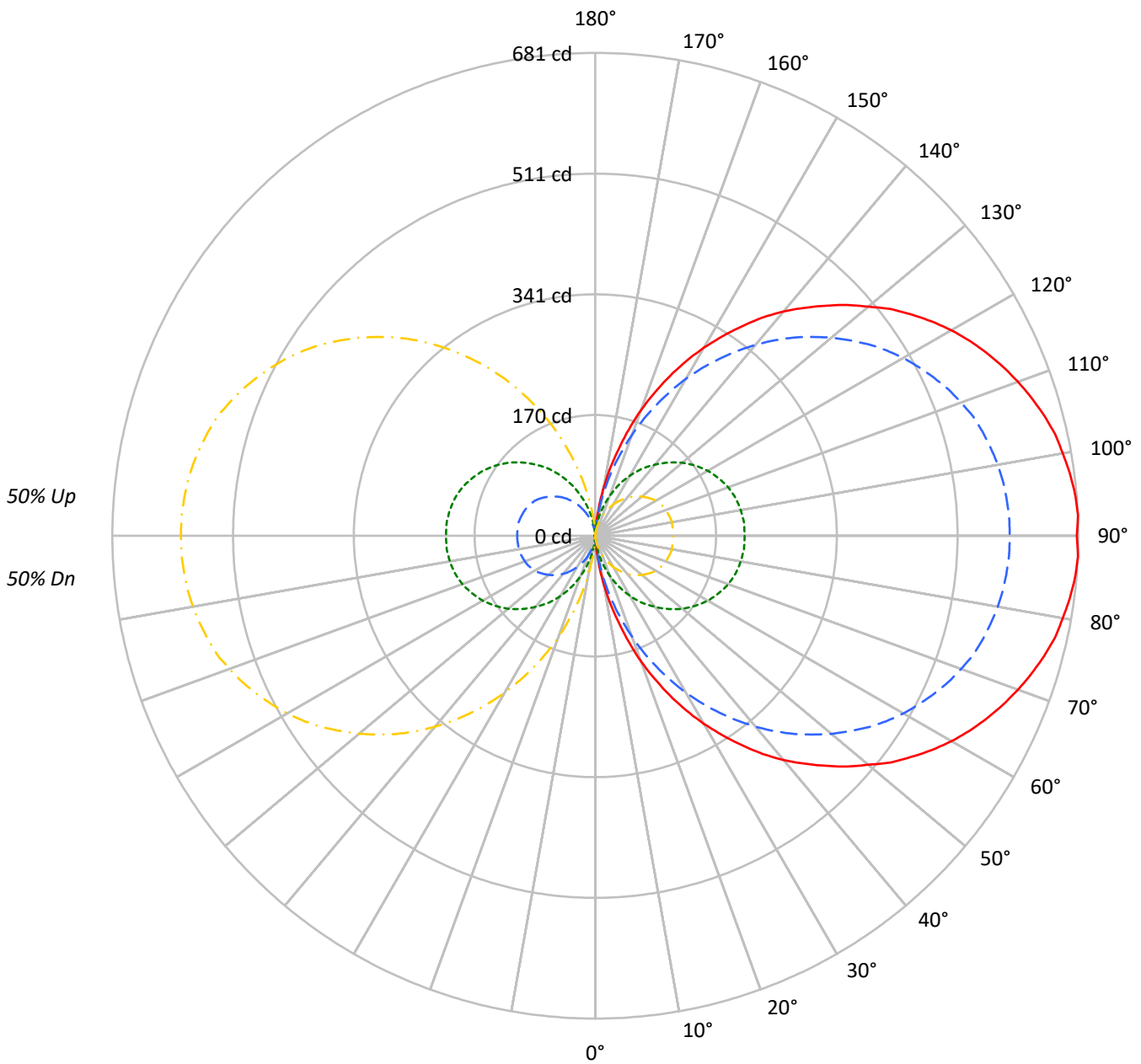
Lumens per Lamp: N/A
Luminaire Lumens: 3046.0 lumens
Efficiency: N/A
Efficacy: 68.0 lumens/watt
Spacing Criteria (0/90/45): - / - / -
Luminous Opening: Rectangular w/ Sides (W: 1.92' x L: 0.19' x H: 0.31')
CIE Type: General Diffuse

Input Watts (W): 44.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Luminous Intensity Polar Plot



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



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20					20					20					20					20	
RC	80					70					50					30					10	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	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°	572	225	0	225
10°	1641	677	0	677
15°	2709	1230	0	1230
20°	3742	1802	0	1802
25°	4621	2445	0	2445
30°	5399	3101	0	3101
35°	6088	3790	0	3790
40°	6734	4499	0	4499
45°	7289	5321	0	5321
50°	7841	6250	0	6250
55°	8402	7294	0	7294
60°	8936	8553	0	8553
65°	9440	10072	17	10072
70°	9956	12066	17	12066
75°	10500	14742	0	14742
80°	11043	18659	0	18659
85°	11638	25250	0	25250



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1.7	0.1
10°-20°	16.9	0.6
20°-30°	52.8	1.7
30°-40°	105.3	3.5
40°-50°	166.7	5.5
50°-60°	228.9	7.5
60°-70°	283.7	9.3
70°-80°	323.6	10.6
80°-90°	343.4	11.3
90°-100°	343.4	11.3
100°-110°	323.6	10.6
110°-120°	283.7	9.3
120°-130°	228.9	7.5
130°-140°	166.7	5.5
140°-150°	105.3	3.5
150°-160°	52.8	1.7
160°-170°	16.9	0.6
170°-180°	1.7	0.1
0°-30°	71.5	2.3
0°-40°	176.8	5.8
0°-60°	572.4	18.8
0°-90°	1523.0	50.0
90°-120°	950.6	31.2
90°-150°	1451.6	47.7
90°-180°	1523.0	50.0
0°-180°	3046.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	0	0	0	0	0	
5°	22	8	0	8	22	4
15°	126	41	0	41	126	38
25°	248	80	0	80	248	116
35°	361	116	0	116	361	228
45°	459	146	0	146	459	356
55°	544	172	0	172	544	488
65°	609	192	1	192	609	604
75°	655	205	0	205	655	692
85°	679	210	0	210	679	553
90°	679	210	0	210	679	373
95°	679	210	0	210	679	553
105°	655	205	0	205	655	692
115°	609	192	1	192	609	604
125°	544	172	0	172	544	488
135°	459	146	0	146	459	356
145°	361	116	0	116	361	228
155°	248	80	0	80	248	116
165°	126	41	0	41	126	38
175°	22	8	0	8	22	4
180°	0	0	0	0	0	



TEST NUMBER: P231931

CATALOG NUMBER: FVS4WM-2-LD4-50-2HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	7.6	7.8	7.9	8.1	8.3	8.4	8.6	8.4	8.5	8.5	8.5
5°	21.8	22.1	22.5	22.8	23.1	22.8	22.8	22.8	22.7	22.6	22.4
7.5°	43.6	44.1	44.6	45.1	44.6	44.5	44.3	44.0	43.6	43.0	42.3
10°	69.8	70.4	70.9	71.5	70.5	70.2	69.7	69.0	68.1	67.0	65.8
12.5°	98.1	98.8	99.5	99.0	98.8	98.3	97.5	96.4	95.1	93.5	92.2
15°	126.4	127.3	128.2	127.6	127.3	126.7	125.7	124.4	123.2	122.2	120.8
17.5°	157.0	158.0	159.0	158.2	157.7	156.9	155.6	154.5	153.5	152.1	150.3
20°	188.6	189.4	190.2	188.8	187.9	186.6	185.5	184.8	183.7	182.2	180.3
22.5°	218.0	219.1	220.2	218.9	218.1	216.8	216.2	215.1	213.4	211.1	208.3
25°	248.5	249.3	248.8	248.1	246.9	246.6	246.3	245.3	243.7	241.5	239.4
27.5°	277.9	278.5	277.7	276.7	275.4	275.6	275.3	274.4	272.7	271.2	268.7
30°	306.3	306.9	306.1	305.0	304.5	304.7	304.1	302.8	301.5	299.8	297.2
32.5°	333.5	334.2	333.4	332.2	332.8	333.2	332.7	331.7	330.0	327.6	324.5
35°	360.8	361.2	359.9	358.8	359.9	360.2	359.9	359.6	358.7	356.2	352.7
37.5°	388.0	388.0	386.2	385.7	386.7	386.9	386.5	385.6	384.0	382.4	379.6
40°	413.1	412.6	410.4	410.6	411.7	412.2	412.4	411.7	410.2	408.0	405.5
42.5°	436.0	436.0	434.1	435.3	436.3	436.8	436.7	435.9	434.7	432.5	429.5
45°	458.9	458.9	456.9	458.3	459.1	460.2	460.4	460.9	458.4	456.8	455.6
47.5°	481.8	481.8	480.2	481.1	481.6	482.4	482.5	481.8	480.5	479.0	477.1
50°	502.5	502.5	501.4	502.0	503.2	504.2	504.5	503.7	501.9	499.5	496.7
52.5°	525.3	523.9	522.2	522.2	524.1	525.1	525.0	524.4	523.0	521.8	518.4
55°	543.9	542.3	540.8	541.2	544.1	545.4	545.2	544.4	542.7	541.1	540.5
57.5°	562.4	561.5	559.9	560.5	562.8	564.0	564.1	563.2	562.2	558.6	555.2
60°	579.8	578.0	576.8	578.1	580.0	581.1	581.6	580.8	578.8	576.3	572.5
62.5°	595.1	593.4	592.4	594.2	596.3	597.9	598.1	597.6	595.2	592.2	588.3
65°	609.3	608.6	607.2	609.0	611.1	613.1	613.2	612.6	610.3	607.1	602.9
67.5°	622.4	620.7	620.1	621.9	624.6	626.5	626.7	625.9	623.9	620.3	615.8
70°	634.3	632.6	631.5	633.3	636.8	638.4	638.8	638.3	635.8	632.8	628.4
72.5°	645.2	643.4	641.9	644.9	647.5	649.1	649.9	649.3	646.9	643.3	639.3
75°	655.1	653.1	652.2	654.6	657.4	658.7	659.0	658.7	656.8	652.8	647.8
77.5°	663.8	661.6	660.4	662.7	665.2	666.4	667.3	666.0	663.9	660.9	655.6
80°	669.2	667.3	667.1	669.9	671.9	672.8	673.1	672.2	669.7	666.0	661.2
82.5°	674.7	672.8	672.5	674.4	676.4	676.9	676.7	675.4	673.2	669.6	664.9
85°	679.0	677.4	676.1	677.0	678.4	678.8	678.7	677.3	675.2	672.1	667.6
87.5°	681.2	679.2	676.3	676.1	677.9	679.0	678.8	677.8	676.1	673.4	668.9
90°	679.0	672.5	671.4	673.6	676.8	677.9	677.9	677.9	675.8	673.6	669.2
92.5°	681.2	679.2	676.3	676.1	677.9	679.0	678.8	677.8	676.1	673.4	668.9
95°	679.0	677.4	676.1	677.0	678.4	678.8	678.7	677.3	675.2	672.1	667.6
97.5°	674.7	672.8	672.5	674.4	676.4	676.9	676.7	675.4	673.2	669.6	664.9
100°	669.2	667.3	667.1	669.9	671.9	672.8	673.1	672.2	669.7	666.0	661.2
102.5°	663.8	661.6	660.4	662.7	665.2	666.4	667.3	666.0	663.9	660.9	655.6
105°	655.1	653.1	652.2	654.6	657.4	658.7	659.0	658.7	656.8	652.8	647.8
107.5°	645.2	643.4	641.9	644.9	647.5	649.1	649.9	649.3	646.9	643.3	639.3
110°	634.3	632.6	631.5	633.3	636.8	638.4	638.8	638.3	635.8	632.8	628.4



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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°	622.4	620.7	620.1	621.9	624.6	626.5	626.7	625.9	623.9	620.3	615.8
115°	609.3	608.6	607.2	609.0	611.1	613.1	613.2	612.6	610.3	607.1	602.9
117.5°	595.1	593.4	592.4	594.2	596.3	597.9	598.1	597.6	595.2	592.2	588.3
120°	579.8	578.0	576.8	578.1	580.0	581.1	581.6	580.8	578.8	576.3	572.5
122.5°	562.4	561.5	559.9	560.5	562.8	564.0	564.1	563.2	562.2	558.6	555.2
125°	543.9	542.3	540.8	541.2	544.1	545.4	545.2	544.4	542.7	541.1	540.5
127.5°	525.3	523.9	522.2	522.2	524.1	525.1	525.0	524.4	523.0	521.8	518.4
130°	502.5	502.5	501.4	502.0	503.2	504.2	504.5	503.7	501.9	499.5	496.7
132.5°	481.8	481.8	480.2	481.1	481.6	482.4	482.5	481.8	480.5	479.0	477.1
135°	458.9	458.9	456.9	458.3	459.1	460.2	460.4	460.9	458.4	456.8	455.6
137.5°	436.0	436.0	434.1	435.3	436.3	436.8	436.7	435.9	434.7	432.5	429.5
140°	413.1	412.6	410.4	410.6	411.7	412.2	412.4	411.7	410.2	408.0	405.5
142.5°	388.0	388.0	386.2	385.7	386.7	386.9	386.5	385.6	384.0	382.4	379.6
145°	360.8	361.2	359.9	358.8	359.9	360.2	359.9	359.6	358.7	356.2	352.7
147.5°	333.5	334.2	333.4	332.2	332.8	333.2	332.7	331.7	330.0	327.6	324.5
150°	306.3	306.9	306.1	305.0	304.5	304.7	304.1	302.8	301.5	299.8	297.2
152.5°	277.9	278.5	277.7	276.7	275.4	275.6	275.3	274.4	272.7	271.2	268.7
155°	248.5	249.3	248.8	248.1	246.9	246.6	246.3	245.3	243.7	241.5	239.4
157.5°	218.0	219.1	220.2	218.9	218.1	216.8	216.2	215.1	213.4	211.1	208.3
160°	188.6	189.4	190.2	188.8	187.9	186.6	185.5	184.8	183.7	182.2	180.3
162.5°	157.0	158.0	159.0	158.2	157.7	156.9	155.6	154.5	153.5	152.1	150.3
165°	126.4	127.3	128.2	127.6	127.3	126.7	125.7	124.4	123.2	122.2	120.8
167.5°	98.1	98.8	99.5	99.0	98.8	98.3	97.5	96.4	95.1	93.5	92.2
170°	69.8	70.4	70.9	71.5	70.5	70.2	69.7	69.0	68.1	67.0	65.8
172.5°	43.6	44.1	44.6	45.1	44.6	44.5	44.3	44.0	43.6	43.0	42.3
175°	21.8	22.1	22.5	22.8	23.1	22.8	22.8	22.8	22.7	22.6	22.4
177.5°	7.6	7.8	7.9	8.1	8.3	8.4	8.6	8.4	8.5	8.5	8.5
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°	8.5	8.5	8.5	8.4	8.4	8.3	8.2	8.1	8.0	7.8	7.7
5°	22.1	21.8	21.5	21.0	20.6	20.1	19.5	18.9	18.2	17.5	16.8
7.5°	41.5	40.5	39.5	38.3	37.0	35.6	34.0	33.0	31.6	30.7	29.8
10°	64.4	62.7	61.7	60.4	58.8	57.1	55.4	53.8	51.9	49.9	47.8
12.5°	90.9	89.4	87.6	85.5	83.4	81.2	78.9	76.2	73.4	70.4	67.1
15°	119.2	117.2	114.9	112.4	109.6	106.6	103.4	100.1	96.5	93.0	89.3
17.5°	148.0	145.3	142.5	139.6	136.7	133.2	129.4	125.3	121.1	116.5	111.6
20°	178.2	175.4	172.2	168.7	165.0	161.0	156.7	151.8	146.3	140.7	135.1
22.5°	206.2	203.9	200.8	197.0	192.4	187.7	183.0	177.8	172.2	165.6	159.0
25°	236.7	233.6	230.1	226.2	221.2	215.7	209.8	203.6	197.1	189.8	183.2
27.5°	265.6	262.2	258.4	254.0	248.8	243.0	237.8	229.8	222.6	214.8	206.6
30°	293.9	290.1	286.3	280.9	275.5	269.5	262.7	255.3	247.5	239.0	230.0
32.5°	321.9	318.5	313.8	308.0	301.9	295.2	288.0	280.2	271.7	262.8	253.0
35°	348.7	344.5	339.9	334.7	328.4	320.9	312.9	304.4	295.3	285.5	275.2
37.5°	375.5	370.8	365.4	360.2	352.8	345.8	337.4	328.4	318.6	308.1	297.1
40°	401.7	396.6	391.2	384.7	377.4	369.8	361.1	351.4	341.1	330.1	318.4
42.5°	425.4	420.6	415.1	408.5	402.0	393.0	384.1	373.8	363.0	351.0	338.8
45°	451.1	444.2	438.1	431.5	423.5	414.9	405.5	395.3	383.6	371.1	358.1
47.5°	473.5	467.6	460.5	453.4	445.0	435.8	426.0	415.1	403.3	390.2	376.8
50°	492.5	487.2	481.3	474.0	466.8	456.0	445.2	434.5	421.9	408.5	395.0
52.5°	512.4	506.9	500.7	493.0	484.8	477.3	464.4	452.5	440.9	425.8	411.6
55°	534.6	526.0	519.0	511.2	502.4	493.4	483.0	470.6	456.9	442.4	428.2
57.5°	552.2	545.0	536.7	528.1	519.1	510.1	499.0	486.6	473.2	458.0	442.5
60°	567.4	560.7	553.1	543.9	534.9	525.2	514.2	501.5	487.5	472.5	456.9
62.5°	582.8	576.0	568.5	559.9	550.6	539.9	527.6	514.5	500.8	485.5	469.6
65°	597.1	590.2	582.7	574.0	563.9	552.7	540.3	527.0	512.8	497.5	480.9
67.5°	610.9	603.6	595.4	586.0	576.3	564.5	552.1	539.0	524.0	508.0	490.9
70°	622.5	615.3	608.1	597.2	587.0	575.2	562.4	548.9	533.7	517.6	499.9
72.5°	632.9	625.2	617.1	607.1	595.9	584.1	571.3	558.9	542.4	526.1	508.6
75°	641.0	633.7	624.7	614.7	603.9	591.9	578.8	565.3	550.1	533.5	515.9
77.5°	649.0	641.4	632.0	622.1	611.1	598.6	585.2	571.2	555.9	539.5	522.1
80°	655.0	647.2	637.8	627.6	616.0	603.7	590.6	576.1	560.8	544.0	526.5
82.5°	658.6	650.8	641.4	631.4	619.8	607.8	594.7	579.9	564.7	547.6	530.0
85°	661.3	653.6	644.0	633.9	622.4	610.2	597.5	582.4	567.2	549.9	532.5
87.5°	662.4	655.1	646.3	635.5	624.5	611.7	599.5	584.2	568.9	551.9	534.1
90°	662.7	656.1	646.3	636.5	624.5	612.5	599.5	584.2	568.9	552.6	534.1
92.5°	662.4	655.1	646.3	635.5	624.5	611.7	599.5	584.2	568.9	551.9	534.1
95°	661.3	653.6	644.0	633.9	622.4	610.2	597.5	582.4	567.2	549.9	532.5
97.5°	658.6	650.8	641.4	631.4	619.8	607.8	594.7	579.9	564.7	547.6	530.0
100°	655.0	647.2	637.8	627.6	616.0	603.7	590.6	576.1	560.8	544.0	526.5
102.5°	649.0	641.4	632.0	622.1	611.1	598.6	585.2	571.2	555.9	539.5	522.1
105°	641.0	633.7	624.7	614.7	603.9	591.9	578.8	565.3	550.1	533.5	515.9
107.5°	632.9	625.2	617.1	607.1	595.9	584.1	571.3	558.9	542.4	526.1	508.6
110°	622.5	615.3	608.1	597.2	587.0	575.2	562.4	548.9	533.7	517.6	499.9



TEST NUMBER: P231931

CATALOG NUMBER: FVS4WM-2-LD4-50-2HI-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°	610.9	603.6	595.4	586.0	576.3	564.5	552.1	539.0	524.0	508.0	490.9
115°	597.1	590.2	582.7	574.0	563.9	552.7	540.3	527.0	512.8	497.5	480.9
117.5°	582.8	576.0	568.5	559.9	550.6	539.9	527.6	514.5	500.8	485.5	469.6
120°	567.4	560.7	553.1	543.9	534.9	525.2	514.2	501.5	487.5	472.5	456.9
122.5°	552.2	545.0	536.7	528.1	519.1	510.1	499.0	486.6	473.2	458.0	442.5
125°	534.6	526.0	519.0	511.2	502.4	493.4	483.0	470.6	456.9	442.4	428.2
127.5°	512.4	506.9	500.7	493.0	484.8	477.3	464.4	452.5	440.9	425.8	411.6
130°	492.5	487.2	481.3	474.0	466.8	456.0	445.2	434.5	421.9	408.5	395.0
132.5°	473.5	467.6	460.5	453.4	445.0	435.8	426.0	415.1	403.3	390.2	376.8
135°	451.1	444.2	438.1	431.5	423.5	414.9	405.5	395.3	383.6	371.1	358.1
137.5°	425.4	420.6	415.1	408.5	402.0	393.0	384.1	373.8	363.0	351.0	338.8
140°	401.7	396.6	391.2	384.7	377.4	369.8	361.1	351.4	341.1	330.1	318.4
142.5°	375.5	370.8	365.4	360.2	352.8	345.8	337.4	328.4	318.6	308.1	297.1
145°	348.7	344.5	339.9	334.7	328.4	320.9	312.9	304.4	295.3	285.5	275.2
147.5°	321.9	318.5	313.8	308.0	301.9	295.2	288.0	280.2	271.7	262.8	253.0
150°	293.9	290.1	286.3	280.9	275.5	269.5	262.7	255.3	247.5	239.0	230.0
152.5°	265.6	262.2	258.4	254.0	248.8	243.0	237.8	229.8	222.6	214.8	206.6
155°	236.7	233.6	230.1	226.2	221.2	215.7	209.8	203.6	197.1	189.8	183.2
157.5°	206.2	203.9	200.8	197.0	192.4	187.7	183.0	177.8	172.2	165.6	159.0
160°	178.2	175.4	172.2	168.7	165.0	161.0	156.7	151.8	146.3	140.7	135.1
162.5°	148.0	145.3	142.5	139.6	136.7	133.2	129.4	125.3	121.1	116.5	111.6
165°	119.2	117.2	114.9	112.4	109.6	106.6	103.4	100.1	96.5	93.0	89.3
167.5°	90.9	89.4	87.6	85.5	83.4	81.2	78.9	76.2	73.4	70.4	67.1
170°	64.4	62.7	61.7	60.4	58.8	57.1	55.4	53.8	51.9	49.9	47.8
172.5°	41.5	40.5	39.5	38.3	37.0	35.6	34.0	33.0	31.6	30.7	29.8
175°	22.1	21.8	21.5	21.0	20.6	20.1	19.5	18.9	18.2	17.5	16.8
177.5°	8.5	8.5	8.5	8.4	8.4	8.3	8.2	8.1	8.0	7.8	7.7
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: P231931

CATALOG NUMBER: FVS4WM-2-LD4-50-2HI-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°	7.5	7.3	7.1	6.9	6.7	6.4	6.2	5.9	5.6	5.4	5.1
5°	16.0	15.1	14.3	13.8	13.4	12.9	12.4	11.9	11.3	10.7	10.2
7.5°	28.9	27.8	26.7	25.5	24.2	22.9	21.4	20.7	20.0	19.3	18.6
10°	45.5	43.1	40.7	38.9	37.1	35.2	33.2	31.1	28.9	27.8	27.0
12.5°	64.4	61.6	58.6	55.5	52.2	49.4	47.0	44.5	41.9	39.2	37.5
15°	85.5	81.5	77.8	73.6	69.8	65.7	61.6	58.4	55.3	52.0	48.6
17.5°	107.2	101.9	97.0	91.9	86.9	82.2	77.3	72.3	68.2	64.4	60.4
20°	129.2	123.1	116.8	110.9	104.8	98.5	92.9	87.1	81.1	76.6	72.1
22.5°	152.1	145.1	137.8	130.1	123.0	115.8	108.4	101.9	95.2	88.8	83.7
25°	174.9	167.1	158.9	150.4	141.5	133.2	124.9	116.6	109.2	101.5	95.3
27.5°	198.2	189.4	180.1	170.4	160.7	150.7	141.4	132.0	123.2	115.0	107.3
30°	220.9	211.2	200.9	190.1	179.3	168.8	158.2	147.7	137.4	128.3	119.5
32.5°	242.8	232.2	220.9	209.3	197.5	186.0	174.6	162.9	151.1	140.6	130.7
35°	264.4	253.1	241.0	228.4	215.8	202.8	190.2	177.9	164.8	152.7	141.9
37.5°	285.8	273.6	260.6	247.3	234.8	219.9	205.9	191.7	178.1	164.7	153.0
40°	306.5	294.0	280.0	265.5	250.8	236.0	221.6	206.4	191.1	177.0	163.9
42.5°	326.0	312.7	298.7	283.5	267.8	251.5	236.4	220.5	203.8	188.4	174.1
45°	344.8	331.0	316.1	300.1	283.5	266.6	250.1	233.6	216.3	199.6	183.8
47.5°	362.8	348.3	332.7	317.0	298.4	281.1	263.8	245.8	227.7	210.0	193.3
50°	380.4	365.0	348.8	330.9	312.8	294.7	277.0	257.6	238.3	219.7	202.8
52.5°	396.8	380.0	362.9	345.0	326.4	307.7	289.2	269.1	248.7	229.0	211.5
55°	412.2	394.9	376.9	358.7	339.5	320.0	300.1	279.5	258.8	238.3	219.9
57.5°	426.4	409.5	391.4	372.1	352.3	331.9	310.9	289.2	268.4	247.1	227.7
60°	440.1	422.8	403.5	384.1	364.1	342.9	321.0	298.4	277.4	255.6	235.3
62.5°	451.7	433.9	414.8	395.0	375.5	353.5	330.5	307.5	285.5	263.1	241.8
65°	462.7	444.2	425.4	404.3	384.2	362.7	339.3	316.0	293.1	270.0	248.0
67.5°	472.7	453.9	435.2	413.4	392.1	370.5	347.1	323.3	299.7	276.1	253.5
70°	481.9	462.8	443.1	421.4	399.6	377.0	353.4	329.7	305.6	281.6	258.9
72.5°	490.2	470.9	450.4	428.7	406.4	383.1	359.1	335.1	310.8	286.2	262.6
75°	497.0	477.2	456.5	434.8	412.3	388.6	364.4	339.8	315.5	290.5	265.9
77.5°	502.8	482.4	462.0	440.0	417.5	393.4	368.8	343.9	319.1	293.7	269.0
80°	506.8	486.9	466.4	444.1	421.6	397.7	372.4	347.7	322.1	296.5	272.1
82.5°	510.0	490.6	469.7	447.4	424.4	400.6	375.5	350.3	323.9	298.5	274.6
85°	512.7	493.2	471.7	449.9	426.2	403.2	379.1	353.0	325.9	300.7	275.8
87.5°	514.4	495.2	473.5	450.7	427.7	403.3	379.3	353.1	326.4	301.9	275.8
90°	514.4	495.9	474.1	450.1	428.3	403.3	379.3	353.1	327.0	303.0	275.8
92.5°	514.4	495.2	473.5	450.7	427.7	403.3	379.3	353.1	326.4	301.9	275.8
95°	512.7	493.2	471.7	449.9	426.2	403.2	379.1	353.0	325.9	300.7	275.8
97.5°	510.0	490.6	469.7	447.4	424.4	400.6	375.5	350.3	323.9	298.5	274.6
100°	506.8	486.9	466.4	444.1	421.6	397.7	372.4	347.7	322.1	296.5	272.1
102.5°	502.8	482.4	462.0	440.0	417.5	393.4	368.8	343.9	319.1	293.7	269.0
105°	497.0	477.2	456.5	434.8	412.3	388.6	364.4	339.8	315.5	290.5	265.9
107.5°	490.2	470.9	450.4	428.7	406.4	383.1	359.1	335.1	310.8	286.2	262.6
110°	481.9	462.8	443.1	421.4	399.6	377.0	353.4	329.7	305.6	281.6	258.9



TEST NUMBER: P231931

CATALOG NUMBER: FVS4WM-2-LD4-50-2HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	472.7	453.9	435.2	413.4	392.1	370.5	347.1	323.3	299.7	276.1	253.5
115°	462.7	444.2	425.4	404.3	384.2	362.7	339.3	316.0	293.1	270.0	248.0
117.5°	451.7	433.9	414.8	395.0	375.5	353.5	330.5	307.5	285.5	263.1	241.8
120°	440.1	422.8	403.5	384.1	364.1	342.9	321.0	298.4	277.4	255.6	235.3
122.5°	426.4	409.5	391.4	372.1	352.3	331.9	310.9	289.2	268.4	247.1	227.7
125°	412.2	394.9	376.9	358.7	339.5	320.0	300.1	279.5	258.8	238.3	219.9
127.5°	396.8	380.0	362.9	345.0	326.4	307.7	289.2	269.1	248.7	229.0	211.5
130°	380.4	365.0	348.8	330.9	312.8	294.7	277.0	257.6	238.3	219.7	202.8
132.5°	362.8	348.3	332.7	317.0	298.4	281.1	263.8	245.8	227.7	210.0	193.3
135°	344.8	331.0	316.1	300.1	283.5	266.6	250.1	233.6	216.3	199.6	183.8
137.5°	326.0	312.7	298.7	283.5	267.8	251.5	236.4	220.5	203.8	188.4	174.1
140°	306.5	294.0	280.0	265.5	250.8	236.0	221.6	206.4	191.1	177.0	163.9
142.5°	285.8	273.6	260.6	247.3	234.8	219.9	205.9	191.7	178.1	164.7	153.0
145°	264.4	253.1	241.0	228.4	215.8	202.8	190.2	177.9	164.8	152.7	141.9
147.5°	242.8	232.2	220.9	209.3	197.5	186.0	174.6	162.9	151.1	140.6	130.7
150°	220.9	211.2	200.9	190.1	179.3	168.8	158.2	147.7	137.4	128.3	119.5
152.5°	198.2	189.4	180.1	170.4	160.7	150.7	141.4	132.0	123.2	115.0	107.3
155°	174.9	167.1	158.9	150.4	141.5	133.2	124.9	116.6	109.2	101.5	95.3
157.5°	152.1	145.1	137.8	130.1	123.0	115.8	108.4	101.9	95.2	88.8	83.7
160°	129.2	123.1	116.8	110.9	104.8	98.5	92.9	87.1	81.1	76.6	72.1
162.5°	107.2	101.9	97.0	91.9	86.9	82.2	77.3	72.3	68.2	64.4	60.4
165°	85.5	81.5	77.8	73.6	69.8	65.7	61.6	58.4	55.3	52.0	48.6
167.5°	64.4	61.6	58.6	55.5	52.2	49.4	47.0	44.5	41.9	39.2	37.5
170°	45.5	43.1	40.7	38.9	37.1	35.2	33.2	31.1	28.9	27.8	27.0
172.5°	28.9	27.8	26.7	25.5	24.2	22.9	21.4	20.7	20.0	19.3	18.6
175°	16.0	15.1	14.3	13.8	13.4	12.9	12.4	11.9	11.3	10.7	10.2
177.5°	7.5	7.3	7.1	6.9	6.7	6.4	6.2	5.9	5.6	5.4	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: P231931

CATALOG NUMBER: FVS4WM-2-LD4-50-2HI-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°	4.8	4.5	4.1	3.8	3.8	3.7	3.7	3.6	3.6	3.5	3.5
5°	9.5	8.9	8.3	7.6	7.5	7.4	7.3	7.1	7.0	6.8	6.6
7.5°	17.8	17.0	16.2	15.3	15.0	14.7	14.4	14.1	13.7	13.2	12.8
10°	26.0	25.0	24.0	22.9	22.5	22.0	21.5	20.9	20.3	19.8	19.2
12.5°	36.3	35.0	33.6	32.2	31.5	30.8	30.0	29.1	28.3	27.7	26.9
15°	46.8	45.1	43.3	41.4	40.5	39.5	38.4	37.3	36.6	35.9	35.0
17.5°	57.0	55.0	52.9	50.7	49.8	48.8	47.7	46.7	45.7	44.6	43.4
20°	67.4	64.9	62.5	59.9	59.1	58.2	57.2	55.9	54.6	53.3	51.7
22.5°	78.4	74.9	72.4	69.8	68.6	67.4	66.1	64.8	63.3	61.8	60.2
25°	89.5	84.8	82.3	79.6	78.1	76.5	75.0	73.6	72.0	70.7	69.1
27.5°	100.6	94.5	91.8	88.9	87.2	85.5	84.0	82.4	80.8	79.3	77.3
30°	111.9	104.3	101.3	98.1	96.4	94.5	92.9	91.2	89.4	87.6	85.3
32.5°	122.2	114.2	110.2	106.8	105.0	103.0	101.4	99.7	97.7	95.6	93.2
35°	132.2	124.0	119.2	115.5	113.6	111.6	109.9	108.0	106.0	103.4	100.6
37.5°	142.1	133.6	127.7	123.2	121.4	119.6	117.9	115.8	113.5	110.6	107.6
40°	151.8	143.2	136.3	130.8	129.3	127.6	125.8	123.2	120.5	117.5	114.7
42.5°	161.0	151.4	143.9	138.5	136.5	134.6	132.8	130.3	127.5	124.5	121.7
45°	170.5	159.7	151.4	146.1	143.7	141.6	139.6	137.5	134.6	131.5	128.3
47.5°	179.0	167.2	158.3	153.2	150.7	148.3	146.0	143.9	141.0	137.8	134.5
50°	187.5	174.6	165.2	160.2	157.7	155.0	152.4	150.2	147.0	143.8	140.1
52.5°	195.2	181.7	171.8	166.2	163.6	161.1	158.6	155.9	152.8	149.3	145.4
55°	202.9	188.6	178.4	172.2	169.4	167.3	164.7	161.6	158.3	154.3	150.6
57.5°	210.1	195.1	184.0	177.7	174.8	172.3	169.8	166.7	163.1	159.2	155.5
60°	217.2	201.7	189.6	183.1	180.2	177.3	174.8	171.6	167.8	164.1	160.1
62.5°	222.8	206.3	194.2	187.5	184.5	181.5	179.1	175.7	172.0	168.4	164.0
65°	228.1	210.8	198.7	191.8	188.9	185.8	183.4	179.8	176.1	172.3	167.9
67.5°	233.1	215.2	202.7	195.7	192.6	189.5	187.1	183.4	179.5	175.5	171.2
70°	238.0	219.5	206.6	199.5	196.4	193.2	190.9	187.0	182.7	178.4	174.0
72.5°	241.2	222.6	209.4	202.2	198.5	195.8	193.2	189.5	185.3	181.0	176.4
75°	244.2	225.7	212.5	204.9	200.6	198.5	195.3	192.0	187.9	183.5	178.4
77.5°	247.0	227.6	214.1	206.6	202.8	200.6	197.4	193.7	189.4	185.1	180.2
80°	249.7	230.0	215.8	208.2	204.9	202.7	199.6	195.3	190.9	186.6	182.1
82.5°	251.2	231.1	216.9	209.3	206.0	203.3	200.6	196.3	191.9	187.6	182.8
85°	251.8	232.2	218.0	210.4	207.1	203.8	201.6	197.3	192.9	188.6	183.2
87.5°	252.3	232.2	218.0	210.4	207.1	204.4	201.6	197.9	192.9	188.6	183.7
90°	252.9	232.2	218.0	210.4	207.1	204.9	201.6	198.4	192.9	188.6	184.2
92.5°	252.3	232.2	218.0	210.4	207.1	204.4	201.6	197.9	192.9	188.6	183.7
95°	251.8	232.2	218.0	210.4	207.1	203.8	201.6	197.3	192.9	188.6	183.2
97.5°	251.2	231.1	216.9	209.3	206.0	203.3	200.6	196.3	191.9	187.6	182.8
100°	249.7	230.0	215.8	208.2	204.9	202.7	199.6	195.3	190.9	186.6	182.1
102.5°	247.0	227.6	214.1	206.6	202.8	200.6	197.4	193.7	189.4	185.1	180.2
105°	244.2	225.7	212.5	204.9	200.6	198.5	195.3	192.0	187.9	183.5	178.4
107.5°	241.2	222.6	209.4	202.2	198.5	195.8	193.2	189.5	185.3	181.0	176.4
110°	238.0	219.5	206.6	199.5	196.4	193.2	190.9	187.0	182.7	178.4	174.0



TEST NUMBER: P231931

CATALOG NUMBER: FVS4WM-2-LD4-50-2HI-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°	233.1	215.2	202.7	195.7	192.6	189.5	187.1	183.4	179.5	175.5	171.2
115°	228.1	210.8	198.7	191.8	188.9	185.8	183.4	179.8	176.1	172.3	167.9
117.5°	222.8	206.3	194.2	187.5	184.5	181.5	179.1	175.7	172.0	168.4	164.0
120°	217.2	201.7	189.6	183.1	180.2	177.3	174.8	171.6	167.8	164.1	160.1
122.5°	210.1	195.1	184.0	177.7	174.8	172.3	169.8	166.7	163.1	159.2	155.5
125°	202.9	188.6	178.4	172.2	169.4	167.3	164.7	161.6	158.3	154.3	150.6
127.5°	195.2	181.7	171.8	166.2	163.6	161.1	158.6	155.9	152.8	149.3	145.4
130°	187.5	174.6	165.2	160.2	157.7	155.0	152.4	150.2	147.0	143.8	140.1
132.5°	179.0	167.2	158.3	153.2	150.7	148.3	146.0	143.9	141.0	137.8	134.5
135°	170.5	159.7	151.4	146.1	143.7	141.6	139.6	137.5	134.6	131.5	128.3
137.5°	161.0	151.4	143.9	138.5	136.5	134.6	132.8	130.3	127.5	124.5	121.7
140°	151.8	143.2	136.3	130.8	129.3	127.6	125.8	123.2	120.5	117.5	114.7
142.5°	142.1	133.6	127.7	123.2	121.4	119.6	117.9	115.8	113.5	110.6	107.6
145°	132.2	124.0	119.2	115.5	113.6	111.6	109.9	108.0	106.0	103.4	100.6
147.5°	122.2	114.2	110.2	106.8	105.0	103.0	101.4	99.7	97.7	95.6	93.2
150°	111.9	104.3	101.3	98.1	96.4	94.5	92.9	91.2	89.4	87.6	85.3
152.5°	100.6	94.5	91.8	88.9	87.2	85.5	84.0	82.4	80.8	79.3	77.3
155°	89.5	84.8	82.3	79.6	78.1	76.5	75.0	73.6	72.0	70.7	69.1
157.5°	78.4	74.9	72.4	69.8	68.6	67.4	66.1	64.8	63.3	61.8	60.2
160°	67.4	64.9	62.5	59.9	59.1	58.2	57.2	55.9	54.6	53.3	51.7
162.5°	57.0	55.0	52.9	50.7	49.8	48.8	47.7	46.7	45.7	44.6	43.4
165°	46.8	45.1	43.3	41.4	40.5	39.5	38.4	37.3	36.6	35.9	35.0
167.5°	36.3	35.0	33.6	32.2	31.5	30.8	30.0	29.1	28.3	27.7	26.9
170°	26.0	25.0	24.0	22.9	22.5	22.0	21.5	20.9	20.3	19.8	19.2
172.5°	17.8	17.0	16.2	15.2	15.0	14.7	14.4	14.1	13.7	13.2	12.8
175°	9.5	8.9	8.3	7.6	7.5	7.4	7.3	7.1	7.0	6.8	6.6
177.5°	4.8	4.5	4.1	3.8	3.8	3.7	3.7	3.6	3.6	3.5	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: P231931

CATALOG NUMBER: FVS4WM-2-LD4-50-2HI-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°	3.4	3.3	3.2	3.1	3.1	3.0	2.9	2.7	2.6	2.5	2.4
5°	6.4	6.2	6.0	5.8	5.6	5.5	5.3	5.2	5.0	4.8	4.6
7.5°	12.3	11.9	11.5	11.1	10.6	10.1	9.6	9.1	8.5	7.9	7.2
10°	18.7	18.1	17.5	16.8	16.2	15.4	14.6	13.8	12.9	12.0	11.1
12.5°	26.1	25.2	24.3	23.2	22.1	20.9	19.7	18.4	17.3	16.3	15.2
15°	34.1	33.0	31.8	30.6	29.3	27.7	26.2	24.5	22.9	21.3	19.5
17.5°	42.1	40.8	39.4	37.8	36.0	34.1	32.2	30.4	28.6	26.8	24.8
20°	50.1	48.5	46.9	45.1	43.1	41.1	39.0	36.8	34.6	32.3	30.2
22.5°	58.4	56.5	54.7	52.8	50.4	48.0	45.6	43.1	40.6	38.1	35.3
25°	66.9	64.6	62.2	59.8	57.3	54.7	52.0	49.1	46.2	43.2	40.2
27.5°	74.8	72.2	69.6	67.0	64.3	61.4	58.5	55.3	52.1	48.9	45.8
30°	82.8	80.0	77.1	74.2	71.3	68.2	65.0	61.7	58.3	54.9	51.2
32.5°	90.5	87.4	84.5	81.5	78.2	74.7	71.2	67.7	64.1	59.9	55.7
35°	97.5	94.4	91.5	88.4	84.7	81.0	77.6	73.7	69.4	65.0	60.7
37.5°	104.6	101.6	98.7	95.0	91.1	87.3	83.4	79.2	74.7	70.2	65.5
40°	111.8	108.5	104.9	101.0	97.1	93.2	89.0	84.4	79.5	74.8	70.1
42.5°	118.6	115.1	110.8	106.7	102.7	98.6	94.2	89.1	84.0	79.5	74.3
45°	124.9	121.0	116.5	112.5	108.4	104.1	99.1	93.9	88.8	83.6	78.1
47.5°	130.9	126.8	122.5	118.5	113.8	108.9	103.9	98.6	93.2	87.6	82.2
50°	136.1	132.1	128.0	123.5	118.6	113.8	108.6	103.1	97.2	91.6	85.9
52.5°	141.4	137.6	133.1	127.8	122.6	117.8	112.7	107.0	101.2	95.5	89.2
55°	146.5	142.2	137.5	131.8	126.9	121.9	116.5	110.5	104.6	98.7	92.5
57.5°	151.2	146.7	141.7	136.2	131.3	125.7	119.9	113.9	107.8	102.2	95.9
60°	155.4	150.9	145.6	140.2	134.9	129.2	123.3	117.2	111.1	105.0	98.6
62.5°	159.5	154.9	149.5	143.8	138.1	132.3	126.4	120.3	114.1	107.1	100.6
65°	163.2	158.0	152.5	146.8	141.1	135.4	129.5	123.1	116.2	109.2	102.7
67.5°	166.4	160.9	155.4	149.8	144.1	138.3	131.8	125.1	118.3	111.3	104.3
70°	169.0	163.5	158.0	152.2	146.2	140.5	133.8	127.1	120.2	113.3	105.7
72.5°	171.4	165.9	160.4	154.4	148.3	142.3	135.5	128.8	121.9	114.6	106.8
75°	173.6	167.8	162.0	155.9	149.9	143.7	137.1	130.3	123.1	115.5	107.9
77.5°	175.4	169.2	163.5	157.3	151.4	145.2	138.6	131.3	123.7	116.3	109.0
80°	176.9	170.4	164.8	158.4	152.7	145.8	139.1	132.1	124.6	117.3	109.7
82.5°	177.4	171.3	165.9	159.4	153.5	146.4	139.5	132.9	125.6	117.9	109.5
85°	177.8	172.2	166.8	160.2	153.8	147.1	139.7	132.4	125.5	117.3	109.8
87.5°	178.2	172.3	166.9	160.3	153.8	147.2	139.6	132.4	125.4	117.1	110.2
90°	178.7	172.2	166.8	160.2	153.7	147.1	139.5	133.0	125.3	117.7	110.1
92.5°	178.2	172.3	166.9	160.3	153.8	147.2	139.6	132.4	125.4	117.1	110.2
95°	177.8	172.2	166.8	160.2	153.8	147.1	139.7	132.4	125.5	117.3	109.8
97.5°	177.4	171.3	165.9	159.4	153.5	146.4	139.5	132.9	125.6	117.9	109.5
100°	176.9	170.4	164.8	158.4	152.7	145.8	139.1	132.1	124.6	117.3	109.7
102.5°	175.4	169.2	163.5	157.3	151.4	145.2	138.6	131.3	123.7	116.3	109.0
105°	173.6	167.8	162.0	155.9	149.9	143.7	137.1	130.3	123.1	115.5	107.9
107.5°	171.4	165.9	160.4	154.4	148.3	142.3	135.5	128.8	121.9	114.6	106.8
110°	169.0	163.5	158.0	152.2	146.2	140.5	133.8	127.1	120.2	113.3	105.7



TEST NUMBER: P231931

CATALOG NUMBER: FVS4WM-2-LD4-50-2HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	166.4	160.9	155.4	149.8	144.1	138.3	131.8	125.1	118.3	111.3	104.3
115°	163.2	158.0	152.5	146.8	141.1	135.4	129.5	123.1	116.2	109.2	102.7
117.5°	159.5	154.9	149.5	143.8	138.1	132.3	126.4	120.3	114.1	107.1	100.6
120°	155.4	150.9	145.6	140.2	134.9	129.2	123.3	117.2	111.1	105.0	98.6
122.5°	151.2	146.7	141.7	136.2	131.3	125.7	119.9	113.9	107.8	102.2	95.9
125°	146.5	142.2	137.5	131.8	126.9	121.9	116.5	110.5	104.6	98.7	92.5
127.5°	141.4	137.6	133.1	127.8	122.6	117.8	112.7	107.0	101.2	95.5	89.2
130°	136.1	132.1	128.0	123.5	118.6	113.8	108.6	103.1	97.2	91.6	85.9
132.5°	130.9	126.8	122.5	118.5	113.8	108.9	103.9	98.6	93.2	87.6	82.2
135°	124.9	121.0	116.5	112.5	108.4	104.1	99.1	93.9	88.8	83.6	78.1
137.5°	118.6	115.1	110.8	106.7	102.7	98.6	94.2	89.1	84.0	79.5	74.3
140°	111.8	108.5	104.9	101.0	97.1	93.2	89.0	84.4	79.5	74.8	70.1
142.5°	104.6	101.6	98.7	95.0	91.1	87.3	83.4	79.2	74.7	70.2	65.5
145°	97.5	94.4	91.5	88.4	84.7	81.0	77.6	73.7	69.4	65.0	60.7
147.5°	90.5	87.4	84.5	81.5	78.2	74.7	71.2	67.7	64.1	59.9	55.7
150°	82.8	80.0	77.1	74.2	71.3	68.2	65.0	61.7	58.3	54.9	51.2
152.5°	74.8	72.2	69.6	67.0	64.3	61.4	58.5	55.3	52.1	48.9	45.8
155°	66.9	64.6	62.2	59.8	57.3	54.7	52.0	49.1	46.2	43.2	40.2
157.5°	58.4	56.5	54.7	52.8	50.4	48.0	45.6	43.1	40.6	38.1	35.3
160°	50.1	48.5	46.9	45.1	43.1	41.1	39.0	36.8	34.6	32.3	30.2
162.5°	42.1	40.8	39.4	37.8	36.0	34.1	32.2	30.4	28.6	26.8	24.8
165°	34.1	33.0	31.8	30.6	29.3	27.7	26.2	24.5	22.9	21.3	19.5
167.5°	26.1	25.2	24.3	23.2	22.1	20.9	19.7	18.4	17.3	16.3	15.2
170°	18.7	18.1	17.5	16.8	16.2	15.4	14.6	13.8	12.9	12.0	11.1
172.5°	12.3	11.9	11.5	11.1	10.6	10.1	9.6	9.1	8.5	7.9	7.2
175°	6.4	6.2	6.0	5.8	5.6	5.5	5.3	5.2	5.0	4.8	4.6
177.5°	3.4	3.3	3.2	3.1	3.1	3.0	2.9	2.7	2.6	2.5	2.4
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231931

CATALOG NUMBER: FVS4WM-2-LD4-50-2HI-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°	2.3	2.2	2.0	1.9	1.8	1.7	1.5	1.4	1.3	1.1	1.0
5°	4.4	4.2	4.0	3.7	3.5	3.3	3.0	2.8	2.5	2.2	2.0
7.5°	6.3	6.0	5.6	5.2	4.8	4.4	4.0	3.6	3.3	2.9	2.5
10°	10.2	9.2	8.3	7.4	6.4	5.4	5.0	4.6	4.2	3.7	3.3
12.5°	14.1	13.0	11.9	10.7	9.5	8.3	7.0	5.7	4.6	4.1	3.5
15°	17.8	16.2	14.8	13.4	12.0	10.6	9.2	7.8	6.3	4.9	4.1
17.5°	22.8	20.7	18.6	16.4	14.6	13.0	11.5	9.9	8.2	6.4	4.6
20°	27.9	25.5	23.1	20.7	18.4	16.2	14.1	12.1	10.1	8.1	6.1
22.5°	32.5	29.5	26.9	24.5	21.9	19.3	16.6	13.9	11.7	9.5	7.3
25°	37.3	34.3	31.3	28.0	25.0	22.0	19.0	16.1	13.2	10.7	8.4
27.5°	42.7	39.2	35.5	31.7	28.0	24.7	21.6	18.4	15.2	11.7	9.3
30°	47.4	43.6	39.7	35.8	31.9	27.9	23.7	20.2	16.8	13.5	10.2
32.5°	51.8	47.9	43.7	39.3	35.2	30.9	26.6	22.2	18.8	15.1	11.4
35°	56.6	51.9	47.4	43.0	38.6	34.2	29.6	24.9	20.0	16.2	12.5
37.5°	60.7	55.8	51.1	46.7	41.8	37.0	32.2	27.1	22.3	17.9	13.8
40°	65.2	60.2	55.1	49.8	44.5	39.3	33.9	28.8	24.0	19.0	14.5
42.5°	69.1	64.1	58.7	52.9	47.2	41.9	36.6	31.1	25.8	20.9	16.1
45°	73.0	67.6	61.7	55.8	50.2	44.8	39.1	33.3	27.4	21.8	16.6
47.5°	76.7	70.9	64.8	58.8	53.0	47.2	41.1	35.1	28.8	22.8	17.4
50°	80.0	74.0	67.8	61.5	55.4	49.1	42.8	36.7	30.5	24.3	18.5
52.5°	83.3	77.4	70.5	64.0	57.6	51.1	44.9	38.4	31.8	25.5	19.6
55°	86.7	80.0	73.1	66.7	59.8	53.0	46.4	39.6	32.8	26.4	20.2
57.5°	89.4	82.7	75.9	68.7	61.6	54.6	48.0	41.0	33.6	26.8	20.4
60°	91.5	84.8	77.7	70.1	63.1	56.2	49.5	41.9	34.3	27.0	20.2
62.5°	93.7	86.8	79.4	71.8	64.7	57.7	50.6	43.1	35.0	27.1	20.3
65°	95.7	88.4	80.9	73.4	66.5	59.0	51.5	43.7	35.6	27.5	20.8
67.5°	97.2	90.1	82.5	75.1	67.3	59.7	52.0	43.9	35.8	28.2	20.8
70°	98.6	91.1	83.3	75.9	67.7	60.2	52.6	44.3	35.8	27.7	20.0
72.5°	100.0	92.1	84.2	76.4	68.3	60.6	53.2	44.5	36.2	27.6	19.7
75°	100.8	92.9	85.0	76.9	68.7	61.0	53.2	44.7	36.0	27.3	19.5
77.5°	101.6	93.7	85.6	77.0	69.0	61.0	53.0	44.4	35.8	27.1	18.7
80°	102.1	93.9	85.6	77.2	69.2	61.0	52.2	43.6	35.5	26.6	18.5
82.5°	101.7	93.8	85.5	77.3	69.2	60.8	51.9	43.2	34.7	26.4	17.8
85°	101.7	93.9	85.3	77.3	68.8	60.2	51.4	42.6	33.9	25.8	17.4
87.5°	101.6	93.9	85.2	76.6	67.9	59.2	50.5	41.8	33.2	24.5	15.9
90°	101.4	93.7	85.0	76.3	67.6	58.9	51.2	41.4	32.7	24.0	15.3
92.5°	101.6	93.9	85.2	76.6	67.9	59.2	50.5	41.8	33.2	24.5	15.9
95°	101.7	93.9	85.3	77.3	68.8	60.2	51.4	42.6	33.9	25.8	17.4
97.5°	101.7	93.8	85.5	77.3	69.2	60.8	51.9	43.2	34.7	26.4	17.8
100°	102.1	93.9	85.6	77.2	69.2	61.0	52.2	43.6	35.5	26.6	18.5
102.5°	101.6	93.7	85.6	77.0	69.0	61.0	53.0	44.4	35.8	27.1	18.7
105°	100.8	92.9	85.0	76.9	68.7	61.0	53.2	44.7	36.0	27.3	19.5
107.5°	100.0	92.1	84.2	76.4	68.3	60.6	53.2	44.5	36.2	27.6	19.7
110°	98.6	91.1	83.3	75.9	67.7	60.2	52.6	44.3	35.8	27.7	20.0



TEST NUMBER: P231931

CATALOG NUMBER: FVS4WM-2-LD4-50-2HI-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°	97.2	90.1	82.5	75.1	67.3	59.7	52.0	43.9	35.8	28.2	20.8
115°	95.7	88.4	80.9	73.4	66.5	59.0	51.5	43.7	35.6	27.5	20.8
117.5°	93.7	86.8	79.4	71.8	64.7	57.7	50.6	43.1	35.0	27.1	20.3
120°	91.5	84.8	77.7	70.1	63.1	56.2	49.5	41.9	34.3	27.0	20.2
122.5°	89.4	82.7	75.9	68.7	61.6	54.6	48.0	41.0	33.6	26.8	20.4
125°	86.7	80.0	73.1	66.7	59.8	53.0	46.4	39.6	32.8	26.4	20.2
127.5°	83.3	77.4	70.5	64.0	57.6	51.1	44.9	38.4	31.8	25.5	19.6
130°	80.0	74.0	67.8	61.5	55.4	49.1	42.8	36.7	30.5	24.3	18.5
132.5°	76.7	70.9	64.8	58.8	53.0	47.2	41.1	35.1	28.8	22.8	17.4
135°	73.0	67.6	61.7	55.8	50.2	44.8	39.1	33.3	27.4	21.8	16.6
137.5°	69.1	64.1	58.7	52.9	47.2	41.9	36.6	31.1	25.8	20.9	16.1
140°	65.2	60.2	55.1	49.8	44.5	39.3	33.9	28.8	24.0	19.0	14.5
142.5°	60.7	55.8	51.1	46.7	41.8	37.0	32.2	27.1	22.3	17.9	13.8
145°	56.6	51.9	47.4	43.0	38.6	34.2	29.6	24.9	20.0	16.2	12.5
147.5°	51.8	47.9	43.7	39.3	35.2	30.9	26.6	22.2	18.8	15.1	11.4
150°	47.4	43.6	39.7	35.8	31.9	27.9	23.7	20.2	16.8	13.5	10.2
152.5°	42.7	39.2	35.5	31.7	28.0	24.7	21.6	18.4	15.2	11.7	9.3
155°	37.3	34.3	31.3	28.0	25.0	22.0	19.0	16.1	13.2	10.7	8.4
157.5°	32.5	29.5	26.9	24.5	21.9	19.3	16.6	13.9	11.7	9.5	7.3
160°	27.9	25.5	23.1	20.7	18.4	16.2	14.1	12.1	10.1	8.1	6.1
162.5°	22.8	20.7	18.6	16.4	14.6	13.0	11.5	9.9	8.2	6.4	4.6
165°	17.8	16.2	14.8	13.4	12.0	10.6	9.2	7.8	6.3	4.9	4.1
167.5°	14.1	13.0	11.9	10.7	9.5	8.3	7.0	5.7	4.6	4.1	3.5
170°	10.2	9.2	8.3	7.4	6.4	5.4	5.0	4.6	4.2	3.7	3.3
172.5°	6.3	6.0	5.6	5.2	4.8	4.4	4.0	3.6	3.3	2.9	2.5
175°	4.4	4.2	4.0	3.7	3.5	3.3	3.0	2.8	2.5	2.2	2.0
177.5°	2.3	2.2	2.0	1.9	1.8	1.7	1.5	1.4	1.3	1.1	1.0
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: P231931

CATALOG NUMBER: FVS4WM-2-LD4-50-2HI-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°	0.8	0.7	0.6	0.4	0.3	0.1	0.0	0.1	0.3	0.4	0.6
5°	1.7	1.4	1.1	0.9	0.6	0.3	0.0	0.3	0.6	0.9	1.1
7.5°	2.2	1.8	1.4	1.1	0.7	0.4	0.0	0.4	0.7	1.1	1.4
10°	2.8	2.4	1.9	1.4	1.0	0.5	0.0	0.5	1.0	1.4	1.9
12.5°	3.0	2.5	2.0	1.5	1.0	0.5	0.0	0.5	1.0	1.5	2.0
15°	3.5	2.9	2.3	1.8	1.2	0.6	0.0	0.6	1.2	1.8	2.3
17.5°	3.3	2.7	2.1	1.6	1.0	0.5	0.0	0.5	1.0	1.6	2.1
20°	4.2	3.0	2.4	1.8	1.2	0.6	0.0	0.6	1.2	1.8	2.4
22.5°	5.0	2.7	1.9	1.4	0.9	0.5	0.0	0.5	0.9	1.4	1.9
25°	6.0	3.7	2.0	1.5	1.0	0.5	0.0	0.5	1.0	1.5	2.0
27.5°	6.8	4.2	1.6	0.9	0.6	0.3	0.0	0.3	0.6	0.9	1.6
30°	7.5	4.9	2.4	0.9	0.6	0.3	0.0	0.3	0.6	0.9	2.4
32.5°	8.2	5.6	3.2	1.0	0.7	0.4	0.0	0.4	0.7	1.0	3.2
35°	8.8	6.1	3.7	1.4	0.8	0.4	0.0	0.4	0.8	1.4	3.7
37.5°	9.7	6.3	4.0	1.9	0.8	0.4	0.0	0.4	0.8	1.9	4.0
40°	10.5	6.5	4.1	2.2	0.9	0.5	0.0	0.5	0.9	2.2	4.1
42.5°	11.5	7.2	3.9	1.8	0.1	0.0	0.0	0.0	0.1	1.8	3.9
45°	11.8	7.5	3.6	1.7	0.0	0.0	0.0	0.0	0.0	1.7	3.6
47.5°	12.2	7.8	3.7	1.5	0.2	0.0	0.0	0.0	0.2	1.5	3.7
50°	13.3	8.2	3.9	1.0	0.2	0.0	0.0	0.0	0.2	1.0	3.9
52.5°	13.9	8.2	4.0	1.0	0.3	0.0	0.0	0.0	0.3	1.0	4.0
55°	13.9	8.3	4.0	0.8	0.1	0.0	0.0	0.0	0.1	0.8	4.0
57.5°	13.7	8.1	4.1	1.1	0.0	0.0	0.0	0.0	0.0	1.1	4.1
60°	14.0	8.1	3.9	1.0	0.0	0.0	0.0	0.0	0.0	1.0	3.9
62.5°	14.1	8.2	3.8	0.9	0.0	0.0	0.0	0.0	0.0	0.9	3.8
65°	14.4	8.8	4.1	0.8	0.0	0.0	1.1	0.0	0.0	0.8	4.1
67.5°	14.1	8.4	3.6	0.8	0.0	0.0	0.0	0.0	0.0	0.8	3.6
70°	13.2	8.2	3.4	0.5	0.0	0.0	1.1	0.0	0.0	0.5	3.4
72.5°	13.4	7.6	2.9	0.3	0.0	0.0	1.1	0.0	0.0	0.3	2.9
75°	12.7	7.1	2.3	0.1	0.0	0.0	0.0	0.0	0.0	0.1	2.3
77.5°	11.6	6.4	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8
80°	11.0	5.2	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4
82.5°	9.6	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	9.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	8.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	7.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	8.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	9.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	9.6	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	11.0	5.2	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4
102.5°	11.6	6.4	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8
105°	12.7	7.1	2.3	0.1	0.0	0.0	0.0	0.0	0.0	0.1	2.3
107.5°	13.4	7.6	2.9	0.3	0.0	0.0	1.1	0.0	0.0	0.3	2.9
110°	13.2	8.2	3.4	0.5	0.0	0.0	1.1	0.0	0.0	0.5	3.4



TEST NUMBER: P231931

CATALOG NUMBER: FVS4WM-2-LD4-50-2HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	14.1	8.4	3.6	0.8	0.0	0.0	0.0	0.0	0.0	0.8	3.6
115°	14.4	8.8	4.1	0.8	0.0	0.0	1.1	0.0	0.0	0.8	4.1
117.5°	14.1	8.2	3.8	0.9	0.0	0.0	0.0	0.0	0.0	0.9	3.8
120°	14.0	8.1	3.9	1.0	0.0	0.0	0.0	0.0	0.0	1.0	3.9
122.5°	13.7	8.1	4.1	1.1	0.0	0.0	0.0	0.0	0.0	1.1	4.1
125°	13.9	8.3	4.0	0.8	0.1	0.0	0.0	0.0	0.1	0.8	4.0
127.5°	13.9	8.2	4.0	1.0	0.3	0.0	0.0	0.0	0.3	1.0	4.0
130°	13.3	8.2	3.9	1.0	0.2	0.0	0.0	0.0	0.2	1.0	3.9
132.5°	12.2	7.8	3.7	1.5	0.2	0.0	0.0	0.0	0.2	1.5	3.7
135°	11.8	7.5	3.6	1.7	0.0	0.0	0.0	0.0	0.0	1.7	3.6
137.5°	11.5	7.2	3.9	1.8	0.1	0.0	0.0	0.0	0.1	1.8	3.9
140°	10.5	6.5	4.1	2.2	0.9	0.5	0.0	0.5	0.9	2.2	4.1
142.5°	9.7	6.3	4.0	1.9	0.8	0.4	0.0	0.4	0.8	1.9	4.0
145°	8.8	6.1	3.7	1.4	0.8	0.4	0.0	0.4	0.8	1.4	3.7
147.5°	8.2	5.6	3.2	1.0	0.7	0.4	0.0	0.4	0.7	1.0	3.2
150°	7.5	4.9	2.4	0.9	0.6	0.3	0.0	0.3	0.6	0.9	2.4
152.5°	6.8	4.2	1.6	0.9	0.6	0.3	0.0	0.3	0.6	0.9	1.6
155°	6.0	3.7	2.0	1.5	1.0	0.5	0.0	0.5	1.0	1.5	2.0
157.5°	5.0	2.7	1.9	1.4	0.9	0.5	0.0	0.5	0.9	1.4	1.9
160°	4.2	3.0	2.4	1.8	1.2	0.6	0.0	0.6	1.2	1.8	2.4
162.5°	3.3	2.7	2.1	1.6	1.0	0.5	0.0	0.5	1.0	1.6	2.1
165°	3.5	2.9	2.3	1.8	1.2	0.6	0.0	0.6	1.2	1.8	2.3
167.5°	3.0	2.5	2.0	1.5	1.0	0.5	0.0	0.5	1.0	1.5	2.0
170°	2.8	2.4	1.9	1.4	1.0	0.5	0.0	0.5	1.0	1.4	1.9
172.5°	2.2	1.8	1.4	1.1	0.7	0.4	0.0	0.4	0.7	1.1	1.4
175°	1.7	1.4	1.1	0.9	0.6	0.3	0.0	0.3	0.6	0.9	1.1
177.5°	0.8	0.7	0.6	0.4	0.3	0.1	0.0	0.1	0.3	0.4	0.6
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231931

CATALOG NUMBER: FVS4WM-2-LD4-50-2HI-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°	0.7	0.8	1.0	1.1	1.3	1.4	1.5	1.7	1.8	1.9	2.0
5°	1.4	1.7	2.0	2.2	2.5	2.8	3.0	3.3	3.5	3.7	4.0
7.5°	1.8	2.2	2.5	2.9	3.3	3.6	4.0	4.4	4.8	5.2	5.6
10°	2.4	2.8	3.3	3.7	4.2	4.6	5.0	5.4	6.4	7.4	8.3
12.5°	2.5	3.0	3.5	4.1	4.6	5.7	7.0	8.3	9.5	10.7	11.9
15°	2.9	3.5	4.1	4.9	6.3	7.8	9.2	10.6	12.0	13.4	14.8
17.5°	2.7	3.3	4.6	6.4	8.2	9.9	11.5	13.0	14.6	16.4	18.6
20°	3.0	4.2	6.1	8.1	10.1	12.1	14.1	16.2	18.4	20.7	23.1
22.5°	2.7	5.0	7.3	9.5	11.7	13.9	16.6	19.3	21.9	24.5	26.9
25°	3.7	6.0	8.4	10.7	13.2	16.1	19.0	22.0	25.0	28.0	31.3
27.5°	4.2	6.8	9.3	11.7	15.2	18.4	21.6	24.7	28.0	31.7	35.5
30°	4.9	7.5	10.2	13.5	16.8	20.2	23.7	27.9	31.9	35.8	39.7
32.5°	5.6	8.2	11.4	15.1	18.8	22.2	26.6	30.9	35.2	39.3	43.7
35°	6.1	8.8	12.5	16.2	20.0	24.9	29.6	34.2	38.6	43.0	47.4
37.5°	6.3	9.7	13.8	17.9	22.3	27.1	32.2	37.0	41.8	46.7	51.1
40°	6.5	10.5	14.5	19.0	24.0	28.8	33.9	39.3	44.5	49.8	55.1
42.5°	7.2	11.5	16.1	20.9	25.8	31.1	36.6	41.9	47.2	52.9	58.7
45°	7.5	11.8	16.6	21.8	27.4	33.3	39.1	44.8	50.2	55.8	61.7
47.5°	7.8	12.2	17.4	22.8	28.8	35.1	41.1	47.2	53.0	58.8	64.8
50°	8.2	13.3	18.5	24.3	30.5	36.7	42.8	49.1	55.4	61.5	67.8
52.5°	8.2	13.9	19.6	25.5	31.8	38.4	44.9	51.1	57.6	64.0	70.5
55°	8.3	13.9	20.2	26.4	32.8	39.6	46.4	53.0	59.8	66.7	73.1
57.5°	8.1	13.7	20.4	26.8	33.6	41.0	48.0	54.6	61.6	68.7	75.9
60°	8.1	14.0	20.2	27.0	34.3	41.9	49.5	56.2	63.1	70.1	77.7
62.5°	8.2	14.1	20.3	27.1	35.0	43.1	50.6	57.7	64.7	71.8	79.4
65°	8.8	14.4	20.8	27.5	35.6	43.7	51.5	59.0	66.5	73.4	80.9
67.5°	8.4	14.1	20.8	28.2	35.8	43.9	52.0	59.7	67.3	75.1	82.5
70°	8.2	13.2	20.0	27.7	35.8	44.3	52.6	60.2	67.7	75.9	83.3
72.5°	7.6	13.4	19.7	27.6	36.2	44.5	53.2	60.6	68.3	76.4	84.2
75°	7.1	12.7	19.5	27.3	36.0	44.7	53.2	61.0	68.7	76.9	85.0
77.5°	6.4	11.6	18.7	27.1	35.8	44.4	53.0	61.0	69.0	77.0	85.6
80°	5.2	11.0	18.5	26.6	35.5	43.6	52.2	61.0	69.2	77.2	85.6
82.5°	3.6	9.6	17.8	26.4	34.7	43.2	51.9	60.8	69.2	77.3	85.5
85°	2.3	9.0	17.4	25.8	33.9	42.6	51.4	60.2	68.8	77.3	85.3
87.5°	0.7	8.2	15.9	24.5	33.2	41.8	50.5	59.2	67.9	76.6	85.2
90°	0.0	7.6	15.3	24.0	32.7	41.4	51.2	58.9	67.6	76.3	85.0
92.5°	0.7	8.2	15.9	24.5	33.2	41.8	50.5	59.2	67.9	76.6	85.2
95°	2.3	9.0	17.4	25.8	33.9	42.6	51.4	60.2	68.8	77.3	85.3
97.5°	3.6	9.6	17.8	26.4	34.7	43.2	51.9	60.8	69.2	77.3	85.5
100°	5.2	11.0	18.5	26.6	35.5	43.6	52.2	61.0	69.2	77.2	85.6
102.5°	6.4	11.6	18.7	27.1	35.8	44.4	53.0	61.0	69.0	77.0	85.6
105°	7.1	12.7	19.5	27.3	36.0	44.7	53.2	61.0	68.7	76.9	85.0
107.5°	7.6	13.4	19.7	27.6	36.2	44.5	53.2	60.6	68.3	76.4	84.2
110°	8.2	13.2	20.0	27.7	35.8	44.3	52.6	60.2	67.7	75.9	83.3



TEST NUMBER: P231931

CATALOG NUMBER: FVS4WM-2-LD4-50-2HI-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°	8.4	14.1	20.8	28.2	35.8	43.9	52.0	59.7	67.3	75.1	82.5
115°	8.8	14.4	20.8	27.5	35.6	43.7	51.5	59.0	66.5	73.4	80.9
117.5°	8.2	14.1	20.3	27.1	35.0	43.1	50.6	57.7	64.7	71.8	79.4
120°	8.1	14.0	20.2	27.0	34.3	41.9	49.5	56.2	63.1	70.1	77.7
122.5°	8.1	13.7	20.4	26.8	33.6	41.0	48.0	54.6	61.6	68.7	75.9
125°	8.3	13.9	20.2	26.4	32.8	39.6	46.4	53.0	59.8	66.7	73.1
127.5°	8.2	13.9	19.6	25.5	31.8	38.4	44.9	51.1	57.6	64.0	70.5
130°	8.2	13.3	18.5	24.3	30.5	36.7	42.8	49.1	55.4	61.5	67.8
132.5°	7.8	12.2	17.4	22.8	28.8	35.1	41.1	47.2	53.0	58.8	64.8
135°	7.5	11.8	16.6	21.8	27.4	33.3	39.1	44.8	50.2	55.8	61.7
137.5°	7.2	11.5	16.1	20.9	25.8	31.1	36.6	41.9	47.2	52.9	58.7
140°	6.5	10.5	14.5	19.0	24.0	28.8	33.9	39.3	44.5	49.8	55.1
142.5°	6.3	9.7	13.8	17.9	22.3	27.1	32.2	37.0	41.8	46.7	51.1
145°	6.1	8.8	12.5	16.2	20.0	24.9	29.6	34.2	38.6	43.0	47.4
147.5°	5.6	8.2	11.4	15.1	18.8	22.2	26.6	30.9	35.2	39.3	43.7
150°	4.9	7.5	10.2	13.5	16.8	20.2	23.7	27.9	31.9	35.8	39.7
152.5°	4.2	6.8	9.3	11.7	15.2	18.4	21.6	24.7	28.0	31.7	35.5
155°	3.7	6.0	8.4	10.7	13.2	16.1	19.0	22.0	25.0	28.0	31.3
157.5°	2.7	5.0	7.3	9.5	11.7	13.9	16.6	19.3	21.9	24.5	26.9
160°	3.0	4.2	6.1	8.1	10.1	12.1	14.1	16.2	18.4	20.7	23.1
162.5°	2.7	3.3	4.6	6.4	8.2	9.9	11.5	13.0	14.6	16.4	18.6
165°	2.9	3.5	4.1	4.9	6.3	7.8	9.2	10.6	12.0	13.4	14.8
167.5°	2.5	3.0	3.5	4.1	4.6	5.7	7.0	8.3	9.5	10.7	11.9
170°	2.4	2.8	3.3	3.7	4.2	4.6	5.0	5.4	6.4	7.4	8.3
172.5°	1.8	2.2	2.5	2.9	3.3	3.6	4.0	4.4	4.8	5.2	5.6
175°	1.4	1.7	2.0	2.2	2.5	2.8	3.0	3.3	3.5	3.7	4.0
177.5°	0.7	0.8	1.0	1.1	1.3	1.4	1.5	1.7	1.8	1.9	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: P231931

CATALOG NUMBER: FVS4WM-2-LD4-50-2HI-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°	2.2	2.3	2.4	2.5	2.6	2.7	2.9	3.0	3.1	3.1	3.2
5°	4.2	4.4	4.6	4.8	5.0	5.2	5.3	5.5	5.6	5.8	6.0
7.5°	6.0	6.3	7.2	7.9	8.5	9.1	9.6	10.1	10.6	11.1	11.5
10°	9.2	10.2	11.1	12.0	12.9	13.8	14.6	15.4	16.2	16.8	17.5
12.5°	13.0	14.1	15.2	16.3	17.3	18.4	19.7	20.9	22.1	23.2	24.3
15°	16.2	17.8	19.5	21.3	22.9	24.5	26.2	27.7	29.3	30.6	31.8
17.5°	20.7	22.8	24.8	26.8	28.6	30.4	32.2	34.1	36.0	37.8	39.4
20°	25.5	27.9	30.2	32.3	34.6	36.8	39.0	41.1	43.1	45.1	46.9
22.5°	29.5	32.5	35.3	38.1	40.6	43.1	45.6	48.0	50.4	52.8	54.7
25°	34.3	37.3	40.2	43.2	46.2	49.1	52.0	54.7	57.3	59.8	62.2
27.5°	39.2	42.7	45.8	48.9	52.1	55.3	58.5	61.4	64.3	67.0	69.6
30°	43.6	47.4	51.2	54.9	58.3	61.7	65.0	68.2	71.3	74.2	77.1
32.5°	47.9	51.8	55.7	59.9	64.1	67.7	71.2	74.7	78.2	81.5	84.5
35°	51.9	56.6	60.7	65.0	69.4	73.7	77.6	81.0	84.7	88.4	91.5
37.5°	55.8	60.7	65.5	70.2	74.7	79.2	83.4	87.3	91.1	95.0	98.7
40°	60.2	65.2	70.1	74.8	79.5	84.4	89.0	93.2	97.1	101.0	104.9
42.5°	64.1	69.1	74.3	79.5	84.0	89.1	94.2	98.6	102.7	106.7	110.8
45°	67.6	73.0	78.1	83.6	88.8	93.9	99.1	104.1	108.4	112.5	116.5
47.5°	70.9	76.7	82.2	87.6	93.2	98.6	103.9	108.9	113.8	118.5	122.5
50°	74.0	80.0	85.9	91.6	97.2	103.1	108.6	113.8	118.6	123.5	128.0
52.5°	77.4	83.3	89.2	95.5	101.2	107.0	112.7	117.8	122.6	127.8	133.1
55°	80.0	86.7	92.5	98.7	104.6	110.5	116.5	121.9	126.9	131.8	137.5
57.5°	82.7	89.4	95.9	102.2	107.8	113.9	119.9	125.7	131.3	136.2	141.7
60°	84.8	91.5	98.6	105.0	111.1	117.2	123.3	129.2	134.9	140.2	145.6
62.5°	86.8	93.7	100.6	107.1	114.1	120.3	126.4	132.3	138.1	143.8	149.5
65°	88.4	95.7	102.7	109.2	116.2	123.1	129.5	135.4	141.1	146.8	152.5
67.5°	90.1	97.2	104.3	111.3	118.3	125.1	131.8	138.3	144.1	149.8	155.4
70°	91.1	98.6	105.7	113.3	120.2	127.1	133.8	140.5	146.2	152.2	158.0
72.5°	92.1	100.0	106.8	114.6	121.9	128.8	135.5	142.3	148.3	154.4	160.4
75°	92.9	100.8	107.9	115.5	123.1	130.3	137.1	143.7	149.9	155.9	162.0
77.5°	93.7	101.6	109.0	116.3	123.7	131.3	138.6	145.2	151.4	157.3	163.5
80°	93.9	102.1	109.7	117.3	124.6	132.1	139.1	145.8	152.7	158.4	164.8
82.5°	93.8	101.7	109.5	117.9	125.6	132.9	139.5	146.4	153.5	159.4	165.9
85°	93.9	101.7	109.8	117.3	125.5	132.4	139.7	147.1	153.8	160.2	166.8
87.5°	93.9	101.6	110.2	117.1	125.4	132.4	139.6	147.2	153.8	160.3	166.9
90°	93.7	101.4	110.1	117.7	125.3	133.0	139.5	147.1	153.7	160.2	166.8
92.5°	93.9	101.6	110.2	117.1	125.4	132.4	139.6	147.2	153.8	160.3	166.9
95°	93.9	101.7	109.8	117.3	125.5	132.4	139.7	147.1	153.8	160.2	166.8
97.5°	93.8	101.7	109.5	117.9	125.6	132.9	139.5	146.4	153.5	159.4	165.9
100°	93.9	102.1	109.7	117.3	124.6	132.1	139.1	145.8	152.7	158.4	164.8
102.5°	93.7	101.6	109.0	116.3	123.7	131.3	138.6	145.2	151.4	157.3	163.5
105°	92.9	100.8	107.9	115.5	123.1	130.3	137.1	143.7	149.9	155.9	162.0
107.5°	92.1	100.0	106.8	114.6	121.9	128.8	135.5	142.3	148.3	154.4	160.4
110°	91.1	98.6	105.7	113.3	120.2	127.1	133.8	140.5	146.2	152.2	158.0



TEST NUMBER: P231931

CATALOG NUMBER: FVS4WM-2-LD4-50-2HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	90.1	97.2	104.3	111.3	118.3	125.1	131.8	138.3	144.1	149.8	155.4
115°	88.4	95.7	102.7	109.2	116.2	123.1	129.5	135.4	141.1	146.8	152.5
117.5°	86.8	93.7	100.6	107.1	114.1	120.3	126.4	132.3	138.1	143.8	149.5
120°	84.8	91.5	98.6	105.0	111.1	117.2	123.3	129.2	134.9	140.2	145.6
122.5°	82.7	89.4	95.9	102.2	107.8	113.9	119.9	125.7	131.3	136.2	141.7
125°	80.0	86.7	92.5	98.7	104.6	110.5	116.5	121.9	126.9	131.8	137.5
127.5°	77.4	83.3	89.2	95.5	101.2	107.0	112.7	117.8	122.6	127.8	133.1
130°	74.0	80.0	85.9	91.6	97.2	103.1	108.6	113.8	118.6	123.5	128.0
132.5°	70.9	76.7	82.2	87.6	93.2	98.6	103.9	108.9	113.8	118.5	122.5
135°	67.6	73.0	78.1	83.6	88.8	93.9	99.1	104.1	108.4	112.5	116.5
137.5°	64.1	69.1	74.3	79.5	84.0	89.1	94.2	98.6	102.7	106.7	110.8
140°	60.2	65.2	70.1	74.8	79.5	84.4	89.0	93.2	97.1	101.0	104.9
142.5°	55.8	60.7	65.5	70.2	74.7	79.2	83.4	87.3	91.1	95.0	98.7
145°	51.9	56.6	60.7	65.0	69.4	73.7	77.6	81.0	84.7	88.4	91.5
147.5°	47.9	51.8	55.7	59.9	64.1	67.7	71.2	74.7	78.2	81.5	84.5
150°	43.6	47.4	51.2	54.9	58.3	61.7	65.0	68.2	71.3	74.2	77.1
152.5°	39.2	42.7	45.8	48.9	52.1	55.3	58.5	61.4	64.3	67.0	69.6
155°	34.3	37.3	40.2	43.2	46.2	49.1	52.0	54.7	57.3	59.8	62.2
157.5°	29.5	32.5	35.3	38.1	40.6	43.1	45.6	48.0	50.4	52.8	54.7
160°	25.5	27.9	30.2	32.3	34.6	36.8	39.0	41.1	43.1	45.1	46.9
162.5°	20.7	22.8	24.8	26.8	28.6	30.4	32.2	34.1	36.0	37.8	39.4
165°	16.2	17.8	19.5	21.3	22.9	24.5	26.2	27.7	29.3	30.6	31.8
167.5°	13.0	14.1	15.2	16.3	17.3	18.4	19.7	20.9	22.1	23.2	24.3
170°	9.2	10.2	11.1	12.0	12.9	13.8	14.6	15.4	16.2	16.8	17.5
172.5°	6.0	6.3	7.2	7.9	8.5	9.1	9.6	10.1	10.6	11.1	11.5
175°	4.2	4.4	4.6	4.8	5.0	5.2	5.3	5.5	5.6	5.8	6.0
177.5°	2.2	2.3	2.4	2.5	2.6	2.7	2.9	3.0	3.1	3.1	3.2
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231931

CATALOG NUMBER: FVS4WM-2-LD4-50-2HI-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°	3.3	3.4	3.5	3.5	3.6	3.6	3.7	3.7	3.8	3.8	4.1
5°	6.2	6.4	6.6	6.8	7.0	7.1	7.3	7.4	7.5	7.6	8.3
7.5°	11.9	12.3	12.8	13.2	13.7	14.1	14.4	14.7	15.0	15.3	16.2
10°	18.1	18.7	19.2	19.8	20.3	20.9	21.5	22.0	22.5	22.9	24.0
12.5°	25.2	26.1	26.9	27.7	28.3	29.1	30.0	30.8	31.5	32.2	33.6
15°	33.0	34.1	35.0	35.9	36.6	37.3	38.4	39.5	40.5	41.4	43.3
17.5°	40.8	42.1	43.4	44.6	45.7	46.7	47.7	48.8	49.8	50.7	52.9
20°	48.5	50.1	51.7	53.3	54.6	55.9	57.2	58.2	59.1	59.9	62.5
22.5°	56.5	58.4	60.2	61.8	63.3	64.8	66.1	67.4	68.6	69.8	72.4
25°	64.6	66.9	69.1	70.7	72.0	73.6	75.0	76.5	78.1	79.6	82.3
27.5°	72.2	74.8	77.3	79.3	80.8	82.4	84.0	85.5	87.2	88.9	91.8
30°	80.0	82.8	85.3	87.6	89.4	91.2	92.9	94.5	96.4	98.1	101.3
32.5°	87.4	90.5	93.2	95.6	97.7	99.7	101.4	103.0	105.0	106.8	110.2
35°	94.4	97.5	100.6	103.4	106.0	108.0	109.9	111.6	113.6	115.5	119.2
37.5°	101.6	104.6	107.6	110.6	113.5	115.8	117.9	119.6	121.4	123.2	127.7
40°	108.5	111.8	114.7	117.5	120.5	123.2	125.8	127.6	129.3	130.8	136.3
42.5°	115.1	118.6	121.7	124.5	127.5	130.3	132.8	134.6	136.5	138.5	143.9
45°	121.0	124.9	128.3	131.5	134.6	137.5	139.6	141.6	143.7	146.1	151.4
47.5°	126.8	130.9	134.5	137.8	141.0	143.9	146.0	148.3	150.7	153.2	158.3
50°	132.1	136.1	140.1	143.8	147.0	150.2	152.4	155.0	157.7	160.2	165.2
52.5°	137.6	141.4	145.4	149.3	152.8	155.9	158.6	161.1	163.6	166.2	171.8
55°	142.2	146.5	150.6	154.3	158.3	161.6	164.7	167.3	169.4	172.2	178.4
57.5°	146.7	151.2	155.5	159.2	163.1	166.7	169.8	172.3	174.8	177.7	184.0
60°	150.9	155.4	160.1	164.1	167.8	171.6	174.8	177.3	180.2	183.1	189.6
62.5°	154.9	159.5	164.0	168.4	172.0	175.7	179.1	181.5	184.5	187.5	194.2
65°	158.0	163.2	167.9	172.3	176.1	179.8	183.4	185.8	188.9	191.8	198.7
67.5°	160.9	166.4	171.2	175.5	179.5	183.4	187.1	189.5	192.6	195.7	202.7
70°	163.5	169.0	174.0	178.4	182.7	187.0	190.9	193.2	196.4	199.5	206.6
72.5°	165.9	171.4	176.4	181.0	185.3	189.5	193.2	195.8	198.5	202.2	209.4
75°	167.8	173.6	178.4	183.5	187.9	192.0	195.3	198.5	200.6	204.9	212.5
77.5°	169.2	175.4	180.2	185.1	189.4	193.7	197.4	200.6	202.8	206.6	214.1
80°	170.4	176.9	182.1	186.6	190.9	195.3	199.6	202.7	204.9	208.2	215.8
82.5°	171.3	177.4	182.8	187.6	191.9	196.3	200.6	203.3	206.0	209.3	216.9
85°	172.2	177.8	183.2	188.6	192.9	197.3	201.6	203.8	207.1	210.4	218.0
87.5°	172.3	178.2	183.7	188.6	192.9	197.9	201.6	204.4	207.1	210.4	218.0
90°	172.2	178.7	184.2	188.6	192.9	198.4	201.6	204.9	207.1	210.4	218.0
92.5°	172.3	178.2	183.7	188.6	192.9	197.9	201.6	204.4	207.1	210.4	218.0
95°	172.2	177.8	183.2	188.6	192.9	197.3	201.6	203.8	207.1	210.4	218.0
97.5°	171.3	177.4	182.8	187.6	191.9	196.3	200.6	203.3	206.0	209.3	216.9
100°	170.4	176.9	182.1	186.6	190.9	195.3	199.6	202.7	204.9	208.2	215.8
102.5°	169.2	175.4	180.2	185.1	189.4	193.7	197.4	200.6	202.8	206.6	214.1
105°	167.8	173.6	178.4	183.5	187.9	192.0	195.3	198.5	200.6	204.9	212.5
107.5°	165.9	171.4	176.4	181.0	185.3	189.5	193.2	195.8	198.5	202.2	209.4
110°	163.5	169.0	174.0	178.4	182.7	187.0	190.9	193.2	196.4	199.5	206.6



TEST NUMBER: P231931

CATALOG NUMBER: FVS4WM-2-LD4-50-2HI-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°	160.9	166.4	171.2	175.5	179.5	183.4	187.1	189.5	192.6	195.7	202.7
115°	158.0	163.2	167.9	172.3	176.1	179.8	183.4	185.8	188.9	191.8	198.7
117.5°	154.9	159.5	164.0	168.4	172.0	175.7	179.1	181.5	184.5	187.5	194.2
120°	150.9	155.4	160.1	164.1	167.8	171.6	174.8	177.3	180.2	183.1	189.6
122.5°	146.7	151.2	155.5	159.2	163.1	166.7	169.8	172.3	174.8	177.7	184.0
125°	142.2	146.5	150.6	154.3	158.3	161.6	164.7	167.3	169.4	172.2	178.4
127.5°	137.6	141.4	145.4	149.3	152.8	155.9	158.6	161.1	163.6	166.2	171.8
130°	132.1	136.1	140.1	143.8	147.0	150.2	152.4	155.0	157.7	160.2	165.2
132.5°	126.8	130.9	134.5	137.8	141.0	143.9	146.0	148.3	150.7	153.2	158.3
135°	121.0	124.9	128.3	131.5	134.6	137.5	139.6	141.6	143.7	146.1	151.4
137.5°	115.1	118.6	121.7	124.5	127.5	130.3	132.8	134.6	136.5	138.5	143.9
140°	108.5	111.8	114.7	117.5	120.5	123.2	125.8	127.6	129.3	130.8	136.3
142.5°	101.6	104.6	107.6	110.6	113.5	115.8	117.9	119.6	121.4	123.2	127.7
145°	94.4	97.5	100.6	103.4	106.0	108.0	109.9	111.6	113.6	115.5	119.2
147.5°	87.4	90.5	93.2	95.6	97.7	99.7	101.4	103.0	105.0	106.8	110.2
150°	80.0	82.8	85.3	87.6	89.4	91.2	92.9	94.5	96.4	98.1	101.3
152.5°	72.2	74.8	77.3	79.3	80.8	82.4	84.0	85.5	87.2	88.9	91.8
155°	64.6	66.9	69.1	70.7	72.0	73.6	75.0	76.5	78.1	79.6	82.3
157.5°	56.5	58.4	60.2	61.8	63.3	64.8	66.1	67.4	68.6	69.8	72.4
160°	48.5	50.1	51.7	53.3	54.6	55.9	57.2	58.2	59.1	59.9	62.5
162.5°	40.8	42.1	43.4	44.6	45.7	46.7	47.7	48.8	49.8	50.7	52.9
165°	33.0	34.1	35.0	35.9	36.6	37.3	38.4	39.5	40.5	41.4	43.3
167.5°	25.2	26.1	26.9	27.7	28.3	29.1	30.0	30.8	31.5	32.2	33.6
170°	18.1	18.7	19.2	19.8	20.3	20.9	21.5	22.0	22.5	22.9	24.0
172.5°	11.9	12.3	12.8	13.2	13.7	14.1	14.4	14.7	15.0	15.3	16.2
175°	6.2	6.4	6.6	6.8	7.0	7.1	7.3	7.4	7.5	7.6	8.3
177.5°	3.3	3.4	3.5	3.5	3.6	3.6	3.7	3.7	3.8	3.8	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: P231931

CATALOG NUMBER: FVS4WM-2-LD4-50-2HI-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°	4.5	4.8	5.1	5.4	5.6	5.9	6.2	6.4	6.7	6.9	7.1
5°	8.9	9.5	10.2	10.7	11.3	11.9	12.4	12.9	13.4	13.8	14.3
7.5°	17.0	17.8	18.6	19.3	20.0	20.7	21.4	22.9	24.2	25.5	26.7
10°	25.0	26.0	27.0	27.8	28.9	31.1	33.2	35.2	37.1	38.9	40.7
12.5°	35.0	36.3	37.5	39.2	41.9	44.5	47.0	49.4	52.2	55.5	58.6
15°	45.1	46.8	48.6	52.0	55.3	58.4	61.6	65.7	69.8	73.6	77.8
17.5°	55.0	57.0	60.4	64.4	68.2	72.3	77.3	82.2	86.9	91.9	97.0
20°	64.9	67.4	72.1	76.6	81.1	87.1	92.9	98.5	104.8	110.9	116.8
22.5°	74.9	78.4	83.7	88.8	95.2	101.9	108.4	115.8	123.0	130.1	137.8
25°	84.8	89.5	95.3	101.5	109.2	116.6	124.9	133.2	141.5	150.4	158.9
27.5°	94.5	100.6	107.3	115.0	123.2	132.0	141.4	150.7	160.7	170.4	180.1
30°	104.3	111.9	119.5	128.3	137.4	147.7	158.2	168.8	179.3	190.1	200.9
32.5°	114.2	122.2	130.7	140.6	151.1	162.9	174.6	186.0	197.5	209.3	220.9
35°	124.0	132.2	141.9	152.7	164.8	177.9	190.2	202.8	215.8	228.4	241.0
37.5°	133.6	142.1	153.0	164.7	178.1	191.7	205.9	219.9	234.8	247.3	260.6
40°	143.2	151.8	163.9	177.0	191.1	206.4	221.6	236.0	250.8	265.5	280.0
42.5°	151.4	161.0	174.1	188.4	203.8	220.5	236.4	251.5	267.8	283.5	298.7
45°	159.7	170.5	183.8	199.6	216.3	233.6	250.1	266.6	283.5	300.1	316.1
47.5°	167.2	179.0	193.3	210.0	227.7	245.8	263.8	281.1	298.4	317.0	332.7
50°	174.6	187.5	202.8	219.7	238.3	257.6	277.0	294.7	312.8	330.9	348.8
52.5°	181.7	195.2	211.5	229.0	248.7	269.1	289.2	307.7	326.4	345.0	362.9
55°	188.6	202.9	219.9	238.3	258.8	279.5	300.1	320.0	339.5	358.7	376.9
57.5°	195.1	210.1	227.7	247.1	268.4	289.2	310.9	331.9	352.3	372.1	391.4
60°	201.7	217.2	235.3	255.6	277.4	298.4	321.0	342.9	364.1	384.1	403.5
62.5°	206.3	222.8	241.8	263.1	285.5	307.5	330.5	353.5	375.5	395.0	414.8
65°	210.8	228.1	248.0	270.0	293.1	316.0	339.3	362.7	384.2	404.3	425.4
67.5°	215.2	233.1	253.5	276.1	299.7	323.3	347.1	370.5	392.1	413.4	435.2
70°	219.5	238.0	258.9	281.6	305.6	329.7	353.4	377.0	399.6	421.4	443.1
72.5°	222.6	241.2	262.6	286.2	310.8	335.1	359.1	383.1	406.4	428.7	450.4
75°	225.7	244.2	265.9	290.5	315.5	339.8	364.4	388.6	412.3	434.8	456.5
77.5°	227.6	247.0	269.0	293.7	319.1	343.9	368.8	393.4	417.5	440.0	462.0
80°	230.0	249.7	272.1	296.5	322.1	347.7	372.4	397.7	421.6	444.1	466.4
82.5°	231.1	251.2	274.6	298.5	323.9	350.3	375.5	400.6	424.4	447.4	469.7
85°	232.2	251.8	275.8	300.7	325.9	353.0	379.1	403.2	426.2	449.9	471.7
87.5°	232.2	252.3	275.8	301.9	326.4	353.1	379.3	403.3	427.7	450.7	473.5
90°	232.2	252.9	275.8	303.0	327.0	353.1	379.3	403.3	428.3	450.1	474.1
92.5°	232.2	252.3	275.8	301.9	326.4	353.1	379.3	403.3	427.7	450.7	473.5
95°	232.2	251.8	275.8	300.7	325.9	353.0	379.1	403.2	426.2	449.9	471.7
97.5°	231.1	251.2	274.6	298.5	323.9	350.3	375.5	400.6	424.4	447.4	469.7
100°	230.0	249.7	272.1	296.5	322.1	347.7	372.4	397.7	421.6	444.1	466.4
102.5°	227.6	247.0	269.0	293.7	319.1	343.9	368.8	393.4	417.5	440.0	462.0
105°	225.7	244.2	265.9	290.5	315.5	339.8	364.4	388.6	412.3	434.8	456.5
107.5°	222.6	241.2	262.6	286.2	310.8	335.1	359.1	383.1	406.4	428.7	450.4
110°	219.5	238.0	258.9	281.6	305.6	329.7	353.4	377.0	399.6	421.4	443.1



TEST NUMBER: P231931

CATALOG NUMBER: FVS4WM-2-LD4-50-2HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	215.2	233.1	253.5	276.1	299.7	323.3	347.1	370.5	392.1	413.4	435.2
115°	210.8	228.1	248.0	270.0	293.1	316.0	339.3	362.7	384.2	404.3	425.4
117.5°	206.3	222.8	241.8	263.1	285.5	307.5	330.5	353.5	375.5	395.0	414.8
120°	201.7	217.2	235.3	255.6	277.4	298.4	321.0	342.9	364.1	384.1	403.5
122.5°	195.1	210.1	227.7	247.1	268.4	289.2	310.9	331.9	352.3	372.1	391.4
125°	188.6	202.9	219.9	238.3	258.8	279.5	300.1	320.0	339.5	358.7	376.9
127.5°	181.7	195.2	211.5	229.0	248.7	269.1	289.2	307.7	326.4	345.0	362.9
130°	174.6	187.5	202.8	219.7	238.3	257.6	277.0	294.7	312.8	330.9	348.8
132.5°	167.2	179.0	193.3	210.0	227.7	245.8	263.8	281.1	298.4	317.0	332.7
135°	159.7	170.5	183.8	199.6	216.3	233.6	250.1	266.6	283.5	300.1	316.1
137.5°	151.4	161.0	174.1	188.4	203.8	220.5	236.4	251.5	267.8	283.5	298.7
140°	143.2	151.8	163.9	177.0	191.1	206.4	221.6	236.0	250.8	265.5	280.0
142.5°	133.6	142.1	153.0	164.7	178.1	191.7	205.9	219.9	234.8	247.3	260.6
145°	124.0	132.2	141.9	152.7	164.8	177.9	190.2	202.8	215.8	228.4	241.0
147.5°	114.2	122.2	130.7	140.6	151.1	162.9	174.6	186.0	197.5	209.3	220.9
150°	104.3	111.9	119.5	128.3	137.4	147.7	158.2	168.8	179.3	190.1	200.9
152.5°	94.5	100.6	107.3	115.0	123.2	132.0	141.4	150.7	160.7	170.4	180.1
155°	84.8	89.5	95.3	101.5	109.2	116.6	124.9	133.2	141.5	150.4	158.9
157.5°	74.9	78.4	83.7	88.8	95.2	101.9	108.4	115.8	123.0	130.1	137.8
160°	64.9	67.4	72.1	76.6	81.1	87.1	92.9	98.5	104.8	110.9	116.8
162.5°	55.0	57.0	60.4	64.4	68.2	72.3	77.3	82.2	86.9	91.9	97.0
165°	45.1	46.8	48.6	52.0	55.3	58.4	61.6	65.7	69.8	73.6	77.8
167.5°	35.0	36.3	37.5	39.2	41.9	44.5	47.0	49.4	52.2	55.5	58.6
170°	25.0	26.0	27.0	27.8	28.9	31.1	33.2	35.2	37.1	38.9	40.7
172.5°	17.0	17.8	18.6	19.3	20.0	20.7	21.4	22.9	24.2	25.5	26.7
175°	8.9	9.5	10.2	10.7	11.3	11.9	12.4	12.9	13.4	13.8	14.3
177.5°	4.5	4.8	5.1	5.4	5.6	5.9	6.2	6.4	6.7	6.9	7.1
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: P231931

CATALOG NUMBER: FVS4WM-2-LD4-50-2HI-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°	7.3	7.5	7.7	7.8	8.0	8.1	8.2	8.3	8.4	8.4	8.5
5°	15.1	16.0	16.8	17.5	18.2	18.9	19.5	20.1	20.6	21.0	21.5
7.5°	27.8	28.9	29.8	30.7	31.6	33.0	34.0	35.6	37.0	38.3	39.5
10°	43.1	45.5	47.8	49.9	51.9	53.8	55.4	57.1	58.8	60.4	61.7
12.5°	61.6	64.4	67.1	70.4	73.4	76.2	78.9	81.2	83.4	85.5	87.6
15°	81.5	85.5	89.3	93.0	96.5	100.1	103.4	106.6	109.6	112.4	114.9
17.5°	101.9	107.2	111.6	116.5	121.1	125.3	129.4	133.2	136.7	139.6	142.5
20°	123.1	129.2	135.1	140.7	146.3	151.8	156.7	161.0	165.0	168.7	172.2
22.5°	145.1	152.1	159.0	165.6	172.2	177.8	183.0	187.7	192.4	197.0	200.8
25°	167.1	174.9	183.2	189.8	197.1	203.6	209.8	215.7	221.2	226.2	230.1
27.5°	189.4	198.2	206.6	214.8	222.6	229.8	237.8	243.0	248.8	254.0	258.4
30°	211.2	220.9	230.0	239.0	247.5	255.3	262.7	269.5	275.5	280.9	286.3
32.5°	232.2	242.8	253.0	262.8	271.7	280.2	288.0	295.2	301.9	308.0	313.8
35°	253.1	264.4	275.2	285.5	295.3	304.4	312.9	320.9	328.4	334.7	339.9
37.5°	273.6	285.8	297.1	308.1	318.6	328.4	337.4	345.8	352.8	360.2	365.4
40°	294.0	306.5	318.4	330.1	341.1	351.4	361.1	369.8	377.4	384.7	391.2
42.5°	312.7	326.0	338.8	351.0	363.0	373.8	384.1	393.0	402.0	408.5	415.1
45°	331.0	344.8	358.1	371.1	383.6	395.3	405.5	414.9	423.5	431.5	438.1
47.5°	348.3	362.8	376.8	390.2	403.3	415.1	426.0	435.8	445.0	453.4	460.5
50°	365.0	380.4	395.0	408.5	421.9	434.5	445.2	456.0	466.8	474.0	481.3
52.5°	380.0	396.8	411.6	425.8	440.9	452.5	464.4	477.3	484.8	493.0	500.7
55°	394.9	412.2	428.2	442.4	456.9	470.6	483.0	493.4	502.4	511.2	519.0
57.5°	409.5	426.4	442.5	458.0	473.2	486.6	499.0	510.1	519.1	528.1	536.7
60°	422.8	440.1	456.9	472.5	487.5	501.5	514.2	525.2	534.9	543.9	553.1
62.5°	433.9	451.7	469.6	485.5	500.8	514.5	527.6	539.9	550.6	559.9	568.5
65°	444.2	462.7	480.9	497.5	512.8	527.0	540.3	552.7	563.9	574.0	582.7
67.5°	453.9	472.7	490.9	508.0	524.0	539.0	552.1	564.5	576.3	586.0	595.4
70°	462.8	481.9	499.9	517.6	533.7	548.9	562.4	575.2	587.0	597.2	608.1
72.5°	470.9	490.2	508.6	526.1	542.4	558.9	571.3	584.1	595.9	607.1	617.1
75°	477.2	497.0	515.9	533.5	550.1	565.3	578.8	591.9	603.9	614.7	624.7
77.5°	482.4	502.8	522.1	539.5	555.9	571.2	585.2	598.6	611.1	622.1	632.0
80°	486.9	506.8	526.5	544.0	560.8	576.1	590.6	603.7	616.0	627.6	637.8
82.5°	490.6	510.0	530.0	547.6	564.7	579.9	594.7	607.8	619.8	631.4	641.4
85°	493.2	512.7	532.5	549.9	567.2	582.4	597.5	610.2	622.4	633.9	644.0
87.5°	495.2	514.4	534.1	551.9	568.9	584.2	599.5	611.7	624.5	635.5	646.3
90°	495.9	514.4	534.1	552.6	568.9	584.2	599.5	612.5	624.5	636.5	646.3
92.5°	495.2	514.4	534.1	551.9	568.9	584.2	599.5	611.7	624.5	635.5	646.3
95°	493.2	512.7	532.5	549.9	567.2	582.4	597.5	610.2	622.4	633.9	644.0
97.5°	490.6	510.0	530.0	547.6	564.7	579.9	594.7	607.8	619.8	631.4	641.4
100°	486.9	506.8	526.5	544.0	560.8	576.1	590.6	603.7	616.0	627.6	637.8
102.5°	482.4	502.8	522.1	539.5	555.9	571.2	585.2	598.6	611.1	622.1	632.0
105°	477.2	497.0	515.9	533.5	550.1	565.3	578.8	591.9	603.9	614.7	624.7
107.5°	470.9	490.2	508.6	526.1	542.4	558.9	571.3	584.1	595.9	607.1	617.1
110°	462.8	481.9	499.9	517.6	533.7	548.9	562.4	575.2	587.0	597.2	608.1



TEST NUMBER: P231931

CATALOG NUMBER: FVS4WM-2-LD4-50-2HI-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°	453.9	472.7	490.9	508.0	524.0	539.0	552.1	564.5	576.3	586.0	595.4
115°	444.2	462.7	480.9	497.5	512.8	527.0	540.3	552.7	563.9	574.0	582.7
117.5°	433.9	451.7	469.6	485.5	500.8	514.5	527.6	539.9	550.6	559.9	568.5
120°	422.8	440.1	456.9	472.5	487.5	501.5	514.2	525.2	534.9	543.9	553.1
122.5°	409.5	426.4	442.5	458.0	473.2	486.6	499.0	510.1	519.1	528.1	536.7
125°	394.9	412.2	428.2	442.4	456.9	470.6	483.0	493.4	502.4	511.2	519.0
127.5°	380.0	396.8	411.6	425.8	440.9	452.5	464.4	477.3	484.8	493.0	500.7
130°	365.0	380.4	395.0	408.5	421.9	434.5	445.2	456.0	466.8	474.0	481.3
132.5°	348.3	362.8	376.8	390.2	403.3	415.1	426.0	435.8	445.0	453.4	460.5
135°	331.0	344.8	358.1	371.1	383.6	395.3	405.5	414.9	423.5	431.5	438.1
137.5°	312.7	326.0	338.8	351.0	363.0	373.8	384.1	393.0	402.0	408.5	415.1
140°	294.0	306.5	318.4	330.1	341.1	351.4	361.1	369.8	377.4	384.7	391.2
142.5°	273.6	285.8	297.1	308.1	318.6	328.4	337.4	345.8	352.8	360.2	365.4
145°	253.1	264.4	275.2	285.5	295.3	304.4	312.9	320.9	328.4	334.7	339.9
147.5°	232.2	242.8	253.0	262.8	271.7	280.2	288.0	295.2	301.9	308.0	313.8
150°	211.2	220.9	230.0	239.0	247.5	255.3	262.7	269.5	275.5	280.9	286.3
152.5°	189.4	198.2	206.6	214.8	222.6	229.8	237.8	243.0	248.8	254.0	258.4
155°	167.1	174.9	183.2	189.8	197.1	203.6	209.8	215.7	221.2	226.2	230.1
157.5°	145.1	152.1	159.0	165.6	172.2	177.8	183.0	187.7	192.4	197.0	200.8
160°	123.1	129.2	135.1	140.7	146.3	151.8	156.7	161.0	165.0	168.7	172.2
162.5°	101.9	107.2	111.6	116.5	121.1	125.3	129.4	133.2	136.7	139.6	142.5
165°	81.5	85.5	89.3	93.0	96.5	100.1	103.4	106.6	109.6	112.4	114.9
167.5°	61.6	64.4	67.1	70.4	73.4	76.2	78.9	81.2	83.4	85.5	87.6
170°	43.1	45.5	47.8	49.9	51.9	53.8	55.4	57.1	58.8	60.4	61.7
172.5°	27.8	28.9	29.8	30.7	31.6	33.0	34.0	35.6	37.0	38.3	39.5
175°	15.1	16.0	16.8	17.5	18.2	18.9	19.5	20.1	20.6	21.0	21.5
177.5°	7.3	7.5	7.7	7.8	8.0	8.1	8.2	8.3	8.4	8.4	8.5
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: P231931

CATALOG NUMBER: FVS4WM-2-LD4-50-2HI-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°	8.5	8.5	8.5	8.5	8.5	8.4	8.6	8.4	8.3	8.1	7.9
5°	21.8	22.1	22.4	22.6	22.7	22.8	22.8	22.8	23.1	22.8	22.5
7.5°	40.5	41.5	42.3	43.0	43.6	44.0	44.3	44.5	44.6	45.1	44.6
10°	62.7	64.4	65.8	67.0	68.1	69.0	69.7	70.2	70.5	71.5	70.9
12.5°	89.4	90.9	92.2	93.5	95.1	96.4	97.5	98.3	98.8	99.0	99.5
15°	117.2	119.2	120.8	122.2	123.2	124.4	125.7	126.7	127.3	127.6	128.2
17.5°	145.3	148.0	150.3	152.1	153.5	154.5	155.6	156.9	157.7	158.2	159.0
20°	175.4	178.2	180.3	182.2	183.7	184.8	185.5	186.6	187.9	188.8	190.2
22.5°	203.9	206.2	208.3	211.1	213.4	215.1	216.2	216.8	218.1	218.9	220.2
25°	233.6	236.7	239.4	241.5	243.7	245.3	246.3	246.6	246.9	248.1	248.8
27.5°	262.2	265.6	268.7	271.2	272.7	274.4	275.3	275.6	275.4	276.7	277.7
30°	290.1	293.9	297.2	299.8	301.5	302.8	304.1	304.7	304.5	305.0	306.1
32.5°	318.5	321.9	324.5	327.6	330.0	331.7	332.7	333.2	332.8	332.2	333.4
35°	344.5	348.7	352.7	356.2	358.7	359.6	359.9	360.2	359.9	358.8	359.9
37.5°	370.8	375.5	379.6	382.4	384.0	385.6	386.5	386.9	386.7	385.7	386.2
40°	396.6	401.7	405.5	408.0	410.2	411.7	412.4	412.2	411.7	410.6	410.4
42.5°	420.6	425.4	429.5	432.5	434.7	435.9	436.7	436.8	436.3	435.3	434.1
45°	444.2	451.1	455.6	456.8	458.4	460.9	460.4	460.2	459.1	458.3	456.9
47.5°	467.6	473.5	477.1	479.0	480.5	481.8	482.5	482.4	481.6	481.1	480.2
50°	487.2	492.5	496.7	499.5	501.9	503.7	504.5	504.2	503.2	502.0	501.4
52.5°	506.9	512.4	518.4	521.8	523.0	524.4	525.0	525.1	524.1	522.2	522.2
55°	526.0	534.6	540.5	541.1	542.7	544.4	545.2	545.4	544.1	541.2	540.8
57.5°	545.0	552.2	555.2	558.6	562.2	563.2	564.1	564.0	562.8	560.5	559.9
60°	560.7	567.4	572.5	576.3	578.8	580.8	581.6	581.1	580.0	578.1	576.8
62.5°	576.0	582.8	588.3	592.2	595.2	597.6	598.1	597.9	596.3	594.2	592.4
65°	590.2	597.1	602.9	607.1	610.3	612.6	613.2	613.1	611.1	609.0	607.2
67.5°	603.6	610.9	615.8	620.3	623.9	625.9	626.7	626.5	624.6	621.9	620.1
70°	615.3	622.5	628.4	632.8	635.8	638.3	638.8	638.4	636.8	633.3	631.5
72.5°	625.2	632.9	639.3	643.3	646.9	649.3	649.9	649.1	647.5	644.9	641.9
75°	633.7	641.0	647.8	652.8	656.8	658.7	659.0	658.7	657.4	654.6	652.2
77.5°	641.4	649.0	655.6	660.9	663.9	666.0	667.3	666.4	665.2	662.7	660.4
80°	647.2	655.0	661.2	666.0	669.7	672.2	673.1	672.8	671.9	669.9	667.1
82.5°	650.8	658.6	664.9	669.6	673.2	675.4	676.7	676.9	676.4	674.4	672.5
85°	653.6	661.3	667.6	672.1	675.2	677.3	678.7	678.8	678.4	677.0	676.1
87.5°	655.1	662.4	668.9	673.4	676.1	677.8	678.8	679.0	677.9	676.1	676.3
90°	656.1	662.7	669.2	673.6	675.8	677.9	677.9	677.9	676.8	673.6	671.4
92.5°	655.1	662.4	668.9	673.4	676.1	677.8	678.8	679.0	677.9	676.1	676.3
95°	653.6	661.3	667.6	672.1	675.2	677.3	678.7	678.8	678.4	677.0	676.1
97.5°	650.8	658.6	664.9	669.6	673.2	675.4	676.7	676.9	676.4	674.4	672.5
100°	647.2	655.0	661.2	666.0	669.7	672.2	673.1	672.8	671.9	669.9	667.1
102.5°	641.4	649.0	655.6	660.9	663.9	666.0	667.3	666.4	665.2	662.7	660.4
105°	633.7	641.0	647.8	652.8	656.8	658.7	659.0	658.7	657.4	654.6	652.2
107.5°	625.2	632.9	639.3	643.3	646.9	649.3	649.9	649.1	647.5	644.9	641.9
110°	615.3	622.5	628.4	632.8	635.8	638.3	638.8	638.4	636.8	633.3	631.5



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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°	603.6	610.9	615.8	620.3	623.9	625.9	626.7	626.5	624.6	621.9	620.1
115°	590.2	597.1	602.9	607.1	610.3	612.6	613.2	613.1	611.1	609.0	607.2
117.5°	576.0	582.8	588.3	592.2	595.2	597.6	598.1	597.9	596.3	594.2	592.4
120°	560.7	567.4	572.5	576.3	578.8	580.8	581.6	581.1	580.0	578.1	576.8
122.5°	545.0	552.2	555.2	558.6	562.2	563.2	564.1	564.0	562.8	560.5	559.9
125°	526.0	534.6	540.5	541.1	542.7	544.4	545.2	545.4	544.1	541.2	540.8
127.5°	506.9	512.4	518.4	521.8	523.0	524.4	525.0	525.1	524.1	522.2	522.2
130°	487.2	492.5	496.7	499.5	501.9	503.7	504.5	504.2	503.2	502.0	501.4
132.5°	467.6	473.5	477.1	479.0	480.5	481.8	482.5	482.4	481.6	481.1	480.2
135°	444.2	451.1	455.6	456.8	458.4	460.9	460.4	460.2	459.1	458.3	456.9
137.5°	420.6	425.4	429.5	432.5	434.7	435.9	436.7	436.8	436.3	435.3	434.1
140°	396.6	401.7	405.5	408.0	410.2	411.7	412.4	412.2	411.7	410.6	410.4
142.5°	370.8	375.5	379.6	382.4	384.0	385.6	386.5	386.9	386.7	385.7	386.2
145°	344.5	348.7	352.7	356.2	358.7	359.6	359.9	360.2	359.9	358.8	359.9
147.5°	318.5	321.9	324.5	327.6	330.0	331.7	332.7	333.2	332.8	332.2	333.4
150°	290.1	293.9	297.2	299.8	301.5	302.8	304.1	304.7	304.5	305.0	306.1
152.5°	262.2	265.6	268.7	271.2	272.7	274.4	275.3	275.6	275.4	276.7	277.7
155°	233.6	236.7	239.4	241.5	243.7	245.3	246.3	246.6	246.9	248.1	248.8
157.5°	203.9	206.2	208.3	211.1	213.4	215.1	216.2	216.8	218.1	218.9	220.2
160°	175.4	178.2	180.3	182.2	183.7	184.8	185.5	186.6	187.9	188.8	190.2
162.5°	145.3	148.0	150.3	152.1	153.5	154.5	155.6	156.9	157.7	158.2	159.0
165°	117.2	119.2	120.8	122.2	123.2	124.4	125.7	126.7	127.3	127.6	128.2
167.5°	89.4	90.9	92.2	93.5	95.1	96.4	97.5	98.3	98.8	99.0	99.5
170°	62.7	64.4	65.8	67.0	68.1	69.0	69.7	70.2	70.5	71.5	70.9
172.5°	40.5	41.5	42.3	43.0	43.6	44.0	44.3	44.5	44.6	45.1	44.6
175°	21.8	22.1	22.4	22.6	22.7	22.8	22.8	22.8	23.1	22.8	22.5
177.5°	8.5	8.5	8.5	8.5	8.5	8.4	8.6	8.4	8.3	8.1	7.9
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: P231931

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CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	0.0	0.0
2.5°	7.8	7.6
5°	22.1	21.8
7.5°	44.1	43.6
10°	70.4	69.8
12.5°	98.8	98.1
15°	127.3	126.4
17.5°	158.0	157.0
20°	189.4	188.6
22.5°	219.1	218.0
25°	249.3	248.5
27.5°	278.5	277.9
30°	306.9	306.3
32.5°	334.2	333.5
35°	361.2	360.8
37.5°	388.0	388.0
40°	412.6	413.1
42.5°	436.0	436.0
45°	458.9	458.9
47.5°	481.8	481.8
50°	502.5	502.5
52.5°	523.9	525.3
55°	542.3	543.9
57.5°	561.5	562.4
60°	578.0	579.8
62.5°	593.4	595.1
65°	608.6	609.3
67.5°	620.7	622.4
70°	632.6	634.3
72.5°	643.4	645.2
75°	653.1	655.1
77.5°	661.6	663.8
80°	667.3	669.2
82.5°	672.8	674.7
85°	677.4	679.0
87.5°	679.2	681.2
90°	672.5	679.0
92.5°	679.2	681.2
95°	677.4	679.0
97.5°	672.8	674.7
100°	667.3	669.2
102.5°	661.6	663.8
105°	653.1	655.1
107.5°	643.4	645.2
110°	632.6	634.3



TEST NUMBER: P231931

CATALOG NUMBER: FVS4WM-2-LD4-50-2HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	620.7	622.4
115°	608.6	609.3
117.5°	593.4	595.1
120°	578.0	579.8
122.5°	561.5	562.4
125°	542.3	543.9
127.5°	523.9	525.3
130°	502.5	502.5
132.5°	481.8	481.8
135°	458.9	458.9
137.5°	436.0	436.0
140°	412.6	413.1
142.5°	388.0	388.0
145°	361.2	360.8
147.5°	334.2	333.5
150°	306.9	306.3
152.5°	278.5	277.9
155°	249.3	248.5
157.5°	219.1	218.0
160°	189.4	188.6
162.5°	158.0	157.0
165°	127.3	126.4
167.5°	98.8	98.1
170°	70.4	69.8
172.5°	44.1	43.6
175°	22.1	21.8
177.5°	7.8	7.6
180°	0.0	0.0

(END OF REPORT)