

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: P232065

Luminaire Tested: **FVS4WM-3-LD4-35-2LO-PFS125-UNV-EDC1**

Issue Date: 3/3/2020



Test Information

Test Method: LM-79-08
Report Number: P232065
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1706-121-29)
Test Lab: INNOVATION CENTER(G3)
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: FAIL-SAFE
Catalog Number: FVS4WM-3-LD4-35-2LO-PFS125-UNV-EDC1
Description: FAILSAFE FVS LED FIXTURE
3FT LENGTH, 2-MODULE LED WITH PFS125 LENS
Light Source: (168) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

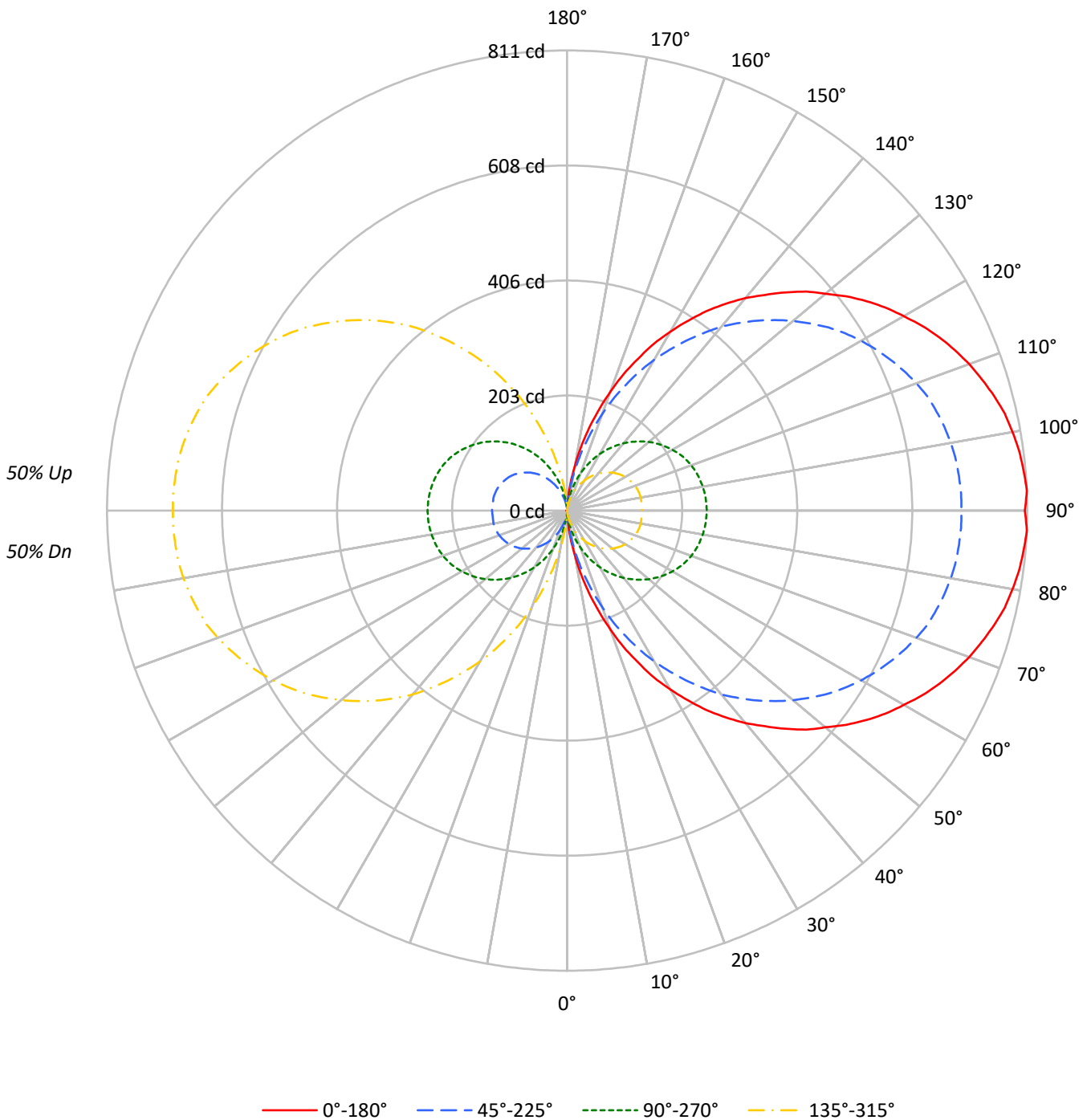
Lumens per Lamp: N/A
Luminaire Lumens: 3633.8 lumens
Efficiency: N/A
Efficacy: 64.0 lumens/watt
Spacing Criteria (0/90/45): 19.92 / 16.84 / 18.05
Luminous Opening: Rectangular w/ Sides (W: 2.92' x L: 0.19' x H: 0.31')
CIE Type: General Diffuse

Input Watts (W): 56.8
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





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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20	
RC	80				70				50				30				10	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	107	107	107	107	99	99	99	99	83	83	83	69	69	69	56	56	56	50
1	92	85	79	74	84	78	73	68	64	60	56	52	49	46	40	38	36	30
2	81	71	63	55	74	65	57	51	53	47	42	42	38	34	32	29	26	21
3	73	61	51	44	66	55	47	40	45	38	33	35	30	26	27	23	19	15
4	66	52	43	35	59	48	39	32	39	32	26	31	25	21	23	19	15	11
5	60	46	36	29	54	42	33	26	34	27	22	27	21	17	20	16	12	9
6	55	41	31	24	49	37	28	22	30	23	18	24	18	14	18	13	10	7
7	50	36	27	21	45	33	25	19	27	20	15	21	16	12	16	12	8	6
8	46	32	24	18	42	30	22	16	24	18	13	19	14	10	14	10	7	5
9	43	29	21	15	39	27	19	14	22	16	11	17	12	9	13	9	6	4
10	40	27	19	13	36	24	17	12	20	14	10	16	11	8	12	8	5	3

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	16	16	16	16
5°	490	174	14	174
10°	1291	526	12	526
15°	2138	949	11	949
20°	2910	1423	10	1423
25°	3601	1932	10	1932
30°	4213	2468	9	2468
35°	4761	3031	9	3031
40°	5235	3656	9	3656
45°	5677	4327	8	4327
50°	6093	5113	8	5113
55°	6535	6015	8	6015
60°	6939	7115	8	7115
65°	7364	8517	8	8517
70°	7779	10359	8	10359
75°	8208	12967	8	12967
80°	8645	17112	0	17112
85°	9097	24891	0	24891



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	2.0	0.1
10°-20°	20.3	0.6
20°-30°	63.5	1.7
30°-40°	126.2	3.5
40°-50°	199.5	5.5
50°-60°	273.3	7.5
60°-70°	338.2	9.3
70°-80°	385.4	10.6
80°-90°	408.6	11.2
90°-100°	408.6	11.2
100°-110°	385.4	10.6
110°-120°	338.2	9.3
120°-130°	273.3	7.5
130°-140°	199.5	5.5
140°-150°	126.2	3.5
150°-160°	63.5	1.7
160°-170°	20.3	0.6
170°-180°	2.0	0.1
0°-30°	85.8	2.4
0°-40°	212.0	5.8
0°-60°	684.8	18.8
0°-90°	1816.9	50.0
90°-120°	1132.2	31.2
90°-150°	1731.1	47.6
90°-180°	1817.0	50.0
0°-180°	3633.8	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1	1	1	1	1	
5°	28	9	1	9	28	4
15°	152	48	1	48	152	45
25°	295	93	1	93	295	139
35°	429	136	1	136	429	270
45°	544	172	1	172	544	422
55°	644	202	1	202	644	577
65°	723	225	1	225	723	717
75°	779	239	1	239	779	823
85°	808	245	0	245	808	658
90°	807	246	0	246	807	443
95°	808	245	0	245	808	658
105°	779	239	1	239	779	823
115°	723	225	1	225	723	717
125°	644	202	1	202	644	577
135°	544	172	1	172	544	422
145°	429	136	1	136	429	270
155°	295	93	1	93	295	139
165°	152	48	1	48	152	45
175°	28	9	1	9	28	4
180°	0	0	0	0	0	



TEST NUMBER: P232065

CATALOG NUMBER: FVS4WM-3-LD4-35-2LO-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°	9.7	9.9	10.1	10.2	10.4	10.6	10.8	10.5	10.6	10.6	10.6
5°	28.4	28.7	29.0	29.4	29.7	29.1	29.0	28.9	28.7	28.4	28.1
7.5°	52.0	52.6	53.3	53.9	53.4	53.4	53.3	53.0	52.5	51.9	51.1
10°	83.6	84.3	85.0	85.7	84.5	84.2	83.6	82.8	81.8	80.5	79.1
12.5°	116.9	118.0	119.0	118.6	118.6	118.1	117.3	116.2	114.7	112.9	111.2
15°	151.8	152.9	154.0	153.2	152.9	152.3	151.2	149.8	148.4	147.2	145.6
17.5°	185.9	187.6	189.2	188.7	188.6	188.0	186.8	185.7	184.6	183.0	181.0
20°	223.2	225.1	227.1	226.3	226.1	225.4	224.3	222.9	221.2	219.2	216.8
22.5°	260.6	261.9	263.3	261.8	261.0	260.0	259.9	259.0	257.1	254.2	250.4
25°	294.7	296.6	297.1	297.1	296.4	296.2	296.0	295.1	293.7	291.7	288.9
27.5°	332.0	333.5	333.3	332.8	331.9	331.9	331.3	330.0	327.7	326.1	323.3
30°	363.7	365.8	366.3	366.3	366.3	366.5	365.7	364.1	362.6	360.5	357.4
32.5°	397.0	399.3	399.8	399.8	399.9	399.5	398.4	397.6	396.5	394.3	390.7
35°	429.4	430.8	430.4	430.1	431.2	431.2	430.2	429.6	428.1	425.9	422.9
37.5°	459.5	461.0	460.6	460.9	462.3	462.6	462.6	462.0	460.4	458.0	454.6
40°	488.7	490.8	490.6	491.4	492.2	492.6	493.3	492.8	491.4	489.2	486.1
42.5°	515.5	517.7	517.8	519.7	520.8	521.9	522.8	522.8	521.0	518.5	515.4
45°	543.9	545.9	545.6	547.2	547.9	549.5	550.4	551.7	549.2	546.4	542.9
47.5°	571.5	572.4	571.5	573.3	574.6	576.1	576.5	576.7	576.0	573.8	569.9
50°	594.2	596.6	597.1	598.4	600.6	603.0	604.2	604.0	602.6	600.4	596.4
52.5°	620.2	621.8	622.0	623.2	625.6	627.8	629.1	628.8	627.9	625.7	622.2
55°	643.7	644.9	645.0	646.4	649.0	651.2	652.5	651.9	650.0	647.7	644.2
57.5°	665.7	666.3	666.4	668.3	671.2	674.1	675.3	674.8	673.5	669.4	664.5
60°	685.1	686.6	686.7	689.6	693.0	696.0	696.8	696.3	694.5	690.7	685.4
62.5°	705.4	704.6	706.0	709.3	713.0	715.8	716.4	715.4	714.1	710.5	704.8
65°	723.3	723.4	724.1	727.0	731.4	733.7	734.5	734.1	731.9	727.3	722.0
67.5°	739.5	739.0	740.0	743.9	748.2	750.4	751.1	750.3	747.5	742.9	737.5
70°	754.2	752.8	754.5	759.6	763.9	765.5	766.1	765.2	761.8	757.2	751.3
72.5°	767.1	766.2	767.8	772.9	777.0	778.6	778.8	777.2	773.9	769.3	764.4
75°	779.3	777.0	779.7	785.0	788.1	789.6	788.7	787.3	784.7	780.1	774.4
77.5°	789.9	786.1	789.9	795.3	797.4	798.1	797.2	795.7	792.8	788.6	782.6
80°	797.2	794.5	798.7	802.8	803.9	804.4	804.1	802.7	800.2	796.1	789.7
82.5°	803.7	801.3	805.7	806.7	808.3	809.1	809.0	807.5	805.1	800.9	794.7
85°	807.7	807.5	807.9	809.6	811.0	812.0	811.7	810.3	807.6	803.4	797.8
87.5°	811.0	808.5	807.7	809.4	811.1	812.0	811.6	810.5	807.8	803.7	798.6
90°	806.9	799.6	802.0	805.3	808.5	810.2	810.2	809.4	806.9	803.7	798.0
92.5°	811.0	808.5	807.7	809.4	811.1	812.0	811.6	810.5	807.8	803.7	798.6
95°	807.7	807.5	807.9	809.6	811.0	812.0	811.7	810.3	807.6	803.4	797.8
97.5°	803.7	801.3	805.7	806.7	808.3	809.1	809.0	807.5	805.1	800.9	794.7
100°	797.2	794.5	798.7	802.8	803.9	804.4	804.1	802.7	800.2	796.1	789.7
102.5°	789.9	786.1	789.9	795.3	797.4	798.1	797.2	795.7	792.8	788.6	782.6
105°	779.3	777.0	779.7	785.0	788.1	789.6	788.7	787.3	784.7	780.1	774.4
107.5°	767.1	766.2	767.8	772.9	777.0	778.6	778.8	777.2	773.9	769.3	764.4
110°	754.2	752.8	754.5	759.6	763.9	765.5	766.1	765.2	761.8	757.2	751.3



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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°	739.5	739.0	740.0	743.9	748.2	750.4	751.1	750.3	747.5	742.9	737.5
115°	723.3	723.4	724.1	727.0	731.4	733.7	734.5	734.1	731.9	727.3	722.0
117.5°	705.4	704.6	706.0	709.3	713.0	715.8	716.4	715.4	714.1	710.5	704.8
120°	685.1	686.6	686.7	689.6	693.0	696.0	696.8	696.3	694.5	690.7	685.4
122.5°	665.7	666.3	666.4	668.3	671.2	674.1	675.3	674.8	673.5	669.4	664.5
125°	643.7	644.9	645.0	646.4	649.0	651.2	652.5	651.9	650.0	647.7	644.2
127.5°	620.2	621.8	622.0	623.2	625.6	627.8	629.1	628.8	627.9	625.7	622.2
130°	594.2	596.6	597.1	598.4	600.6	603.0	604.2	604.0	602.6	600.4	596.4
132.5°	571.5	572.4	571.5	573.3	574.6	576.1	576.5	576.7	576.0	573.8	569.9
135°	543.9	545.9	545.6	547.2	547.9	549.5	550.4	551.7	549.2	546.4	542.9
137.5°	515.5	517.7	517.8	519.7	520.8	521.9	522.8	522.8	521.0	518.5	515.4
140°	488.7	490.8	490.6	491.4	492.2	492.6	493.3	492.8	491.4	489.2	486.1
142.5°	459.5	461.0	460.6	460.9	462.3	462.6	462.6	462.0	460.4	458.0	454.6
145°	429.4	430.8	430.4	430.1	431.2	431.2	430.2	429.6	428.1	425.9	422.9
147.5°	397.0	399.3	399.8	399.8	399.9	399.5	398.4	397.6	396.5	394.3	390.7
150°	363.7	365.8	366.3	366.3	366.3	366.5	365.7	364.1	362.6	360.5	357.4
152.5°	332.0	333.5	333.3	332.8	331.9	331.9	331.3	330.0	327.7	326.1	323.3
155°	294.7	296.6	297.1	297.1	296.4	296.2	296.0	295.1	293.7	291.7	288.9
157.5°	260.6	261.9	263.3	261.8	261.0	260.0	259.9	259.0	257.1	254.2	250.4
160°	223.2	225.1	227.1	226.3	226.1	225.4	224.3	222.9	221.2	219.2	216.8
162.5°	185.9	187.6	189.2	188.7	188.6	188.0	186.8	185.7	184.6	183.0	181.0
165°	151.8	152.9	154.0	153.2	152.9	152.3	151.2	149.8	148.4	147.2	145.6
167.5°	116.9	118.0	119.0	118.6	118.6	118.1	117.3	116.2	114.7	112.9	111.2
170°	83.6	84.3	85.0	85.7	84.5	84.2	83.6	82.8	81.8	80.5	79.1
172.5°	52.0	52.6	53.3	53.9	53.4	53.4	53.3	53.0	52.5	51.9	51.1
175°	28.4	28.7	29.0	29.4	29.7	29.1	29.0	28.9	28.7	28.4	28.1
177.5°	9.7	9.9	10.1	10.2	10.4	10.6	10.8	10.5	10.6	10.6	10.6
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°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
2.5°	10.6	10.6	10.5	10.4	10.4	10.2	10.1	10.0	9.8	9.6	9.5
5°	27.6	27.2	26.6	26.0	25.3	24.6	23.8	23.0	22.1	21.1	20.1
7.5°	50.1	49.0	47.8	46.4	44.8	43.1	41.1	40.0	38.3	37.2	36.1
10°	77.4	75.5	74.2	72.5	70.6	68.4	66.3	64.3	62.2	59.9	57.5
12.5°	109.5	107.5	105.2	102.6	99.9	97.3	94.3	91.0	87.4	83.6	79.5
15°	143.6	141.0	138.0	134.7	131.3	127.5	123.6	119.6	115.1	110.8	106.5
17.5°	178.4	175.4	172.0	168.3	164.2	159.7	154.7	149.6	144.4	138.7	132.6
20°	214.1	210.8	207.1	202.9	198.3	193.3	187.7	181.5	174.7	167.9	161.0
22.5°	247.7	245.0	241.4	236.9	231.5	225.7	219.8	213.5	207.1	199.1	190.8
25°	284.9	280.7	276.3	271.9	266.1	259.3	252.0	244.4	237.0	229.2	222.0
27.5°	319.5	314.8	309.6	304.2	298.4	291.8	285.8	276.0	267.2	258.1	248.4
30°	353.5	349.0	344.5	337.4	330.6	323.2	315.3	307.0	298.1	287.9	277.2
32.5°	386.9	382.2	376.5	369.6	362.5	354.4	345.4	335.9	326.6	316.5	304.6
35°	418.9	413.8	408.0	401.6	393.9	385.1	375.6	365.4	355.2	344.0	331.2
37.5°	450.2	444.9	439.0	433.5	424.2	415.5	405.4	393.9	382.6	371.5	358.0
40°	481.8	475.9	469.0	461.6	453.4	444.3	434.4	422.8	409.1	395.9	382.6
42.5°	511.0	505.7	499.0	490.3	482.4	471.5	460.5	448.4	435.1	420.7	406.2
45°	538.5	532.8	525.7	517.6	508.4	497.7	486.0	473.3	459.6	445.4	429.5
47.5°	565.1	559.5	552.0	543.6	534.5	523.7	510.7	497.0	482.8	468.6	452.3
50°	590.2	584.0	577.0	568.3	559.4	546.7	533.6	519.8	504.9	489.6	473.1
52.5°	616.8	608.2	600.7	591.0	580.5	569.8	555.6	541.2	526.3	510.0	492.6
55°	638.3	629.8	622.0	612.8	601.8	590.0	577.2	562.5	545.7	528.5	511.4
57.5°	659.3	652.1	643.0	632.8	621.7	609.9	596.2	581.1	565.0	547.2	528.0
60°	678.7	671.6	662.9	652.2	640.3	627.7	613.7	598.3	581.8	563.9	544.9
62.5°	697.7	689.2	680.4	669.4	657.5	644.8	629.9	614.3	597.7	579.4	559.7
65°	714.6	706.1	696.8	685.2	673.2	660.0	645.1	629.0	611.9	593.1	573.3
67.5°	730.4	722.0	711.4	699.9	687.6	673.7	659.0	642.7	625.0	605.8	585.4
70°	743.9	734.7	724.7	712.7	700.1	685.8	671.1	655.0	637.1	617.7	596.1
72.5°	756.4	747.0	736.9	724.9	711.9	697.4	682.6	666.6	647.1	627.5	605.9
75°	766.8	757.6	746.8	735.1	722.4	707.3	691.0	674.1	655.0	635.4	614.0
77.5°	775.6	766.5	755.6	743.2	729.1	714.8	698.4	680.9	662.4	642.0	620.1
80°	782.6	773.3	762.3	749.6	735.6	720.5	704.2	686.5	668.0	647.2	625.1
82.5°	787.1	778.3	767.1	754.1	740.2	725.0	708.0	691.0	672.2	650.8	629.2
85°	789.9	780.9	769.5	757.2	742.5	727.7	710.7	693.2	674.0	653.3	632.0
87.5°	791.1	782.6	771.1	758.9	743.7	729.4	712.9	694.9	675.9	655.4	634.3
90°	790.7	782.6	770.4	758.2	744.4	730.6	713.6	694.9	677.0	655.9	634.8
92.5°	791.1	782.6	771.1	758.9	743.7	729.4	712.9	694.9	675.9	655.4	634.3
95°	789.9	780.9	769.5	757.2	742.5	727.7	710.7	693.2	674.0	653.3	632.0
97.5°	787.1	778.3	767.1	754.1	740.2	725.0	708.0	691.0	672.2	650.8	629.2
100°	782.6	773.3	762.3	749.6	735.6	720.5	704.2	686.5	668.0	647.2	625.1
102.5°	775.6	766.5	755.6	743.2	729.1	714.8	698.4	680.9	662.4	642.0	620.1
105°	766.8	757.6	746.8	735.1	722.4	707.3	691.0	674.1	655.0	635.4	614.0
107.5°	756.4	747.0	736.9	724.9	711.9	697.4	682.6	666.6	647.1	627.5	605.9
110°	743.9	734.7	724.7	712.7	700.1	685.8	671.1	655.0	637.1	617.7	596.1



TEST NUMBER: P232065

CATALOG NUMBER: FVS4WM-3-LD4-35-2LO-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°	730.4	722.0	711.4	699.9	687.6	673.7	659.0	642.7	625.0	605.8	585.4
115°	714.6	706.1	696.8	685.2	673.2	660.0	645.1	629.0	611.9	593.1	573.3
117.5°	697.7	689.2	680.4	669.4	657.5	644.8	629.9	614.3	597.7	579.4	559.7
120°	678.7	671.6	662.9	652.2	640.3	627.7	613.7	598.3	581.8	563.9	544.9
122.5°	659.3	652.1	643.0	632.8	621.7	609.9	596.2	581.1	565.0	547.2	528.0
125°	638.3	629.8	622.0	612.8	601.8	590.0	577.2	562.5	545.7	528.5	511.4
127.5°	616.8	608.2	600.7	591.0	580.5	569.8	555.6	541.2	526.3	510.0	492.6
130°	590.2	584.0	577.0	568.3	559.4	546.7	533.6	519.8	504.9	489.6	473.1
132.5°	565.1	559.5	552.0	543.6	534.5	523.7	510.7	497.0	482.8	468.6	452.3
135°	538.5	532.8	525.7	517.6	508.4	497.7	486.0	473.3	459.6	445.4	429.5
137.5°	511.0	505.7	499.0	490.3	482.4	471.5	460.5	448.4	435.1	420.7	406.2
140°	481.8	475.9	469.0	461.6	453.4	444.3	434.4	422.8	409.1	395.9	382.6
142.5°	450.2	444.9	439.0	433.5	424.2	415.5	405.4	393.9	382.6	371.5	358.0
145°	418.9	413.8	408.0	401.6	393.9	385.1	375.6	365.4	355.2	344.0	331.2
147.5°	386.9	382.2	376.5	369.6	362.5	354.4	345.4	335.9	326.6	316.5	304.6
150°	353.5	349.0	344.5	337.4	330.6	323.2	315.3	307.0	298.1	287.9	277.2
152.5°	319.5	314.8	309.6	304.2	298.4	291.8	285.8	276.0	267.2	258.1	248.4
155°	284.9	280.7	276.3	271.9	266.1	259.3	252.0	244.4	237.0	229.2	222.0
157.5°	247.7	245.0	241.4	236.9	231.5	225.7	219.8	213.5	207.1	199.1	190.8
160°	214.1	210.8	207.1	202.9	198.3	193.3	187.7	181.5	174.7	167.9	161.0
162.5°	178.4	175.4	172.0	168.3	164.2	159.7	154.7	149.6	144.4	138.7	132.6
165°	143.6	141.0	138.0	134.7	131.3	127.5	123.6	119.6	115.1	110.8	106.5
167.5°	109.5	107.5	105.2	102.6	99.9	97.3	94.3	91.0	87.4	83.6	79.5
170°	77.4	75.5	74.2	72.5	70.6	68.4	66.3	64.3	62.2	59.9	57.5
172.5°	50.1	49.0	47.8	46.4	44.8	43.1	41.1	40.0	38.3	37.2	36.1
175°	27.6	27.2	26.6	26.0	25.3	24.6	23.8	23.0	22.1	21.1	20.1
177.5°	10.6	10.6	10.5	10.4	10.4	10.2	10.1	10.0	9.8	9.6	9.5
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: P232065

CATALOG NUMBER: FVS4WM-3-LD4-35-2LO-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°	9.2	9.0	8.8	8.5	8.3	8.0	7.7	7.4	7.0	6.7	6.3
5°	19.0	17.9	16.8	16.3	15.7	15.2	14.6	13.9	13.3	12.6	11.9
7.5°	34.9	33.6	32.1	30.6	28.9	27.2	25.3	24.4	23.6	22.8	21.9
10°	54.9	52.1	49.5	47.2	44.9	42.4	39.9	37.2	34.4	33.0	31.9
12.5°	76.5	73.4	70.0	66.3	62.4	58.9	55.9	52.7	49.4	46.0	43.9
15°	101.9	97.3	93.2	87.9	82.9	77.6	72.0	68.1	64.3	60.4	56.4
17.5°	127.1	121.1	115.8	110.2	104.3	98.0	91.6	84.9	80.0	75.6	70.9
20°	154.0	146.6	139.1	132.6	125.6	118.2	111.1	103.7	96.1	90.8	85.5
22.5°	182.0	173.4	164.8	155.7	147.4	139.0	130.4	122.1	113.4	105.2	99.2
25°	210.8	200.8	190.8	180.5	169.7	159.9	150.4	140.7	130.8	120.5	112.8
27.5°	237.8	227.1	216.6	205.8	193.5	180.7	169.8	158.8	147.8	137.0	127.2
30°	265.3	252.5	240.2	228.5	216.0	202.5	188.9	176.6	164.5	152.9	141.9
32.5°	292.0	278.5	264.3	250.6	237.4	223.3	208.6	194.3	180.3	167.5	155.4
35°	317.6	303.6	288.7	273.3	258.3	242.9	227.3	212.5	196.7	182.0	168.8
37.5°	343.1	327.9	312.0	295.9	280.9	262.6	245.5	228.7	212.3	196.3	182.2
40°	367.7	351.9	334.7	317.1	299.9	282.1	263.7	245.3	227.2	210.7	195.5
42.5°	390.9	374.1	356.5	337.9	319.4	301.3	281.4	261.4	241.5	223.9	207.2
45°	413.1	396.0	377.2	357.8	338.1	318.9	298.2	276.3	255.9	236.6	218.4
47.5°	434.3	416.2	396.9	377.8	356.3	336.0	314.7	291.4	269.7	248.8	229.1
50°	454.8	435.8	415.8	394.5	372.9	351.0	329.0	306.2	283.4	260.6	239.8
52.5°	474.1	454.2	433.1	411.4	389.3	365.9	342.8	319.6	295.8	271.7	249.7
55°	492.1	471.9	450.1	427.2	403.8	380.3	356.7	332.4	307.0	282.5	259.3
57.5°	508.2	487.0	467.3	442.7	417.9	393.6	369.4	344.3	317.1	292.2	268.2
60°	525.3	501.2	480.2	456.9	432.1	406.4	380.6	355.0	326.7	301.2	276.8
62.5°	539.2	516.3	493.1	469.6	445.5	418.6	391.2	364.7	336.6	309.7	284.7
65°	552.1	529.1	505.2	481.1	455.7	428.1	401.1	373.7	346.0	318.3	292.3
67.5°	564.2	539.8	515.6	492.1	465.2	437.4	410.0	381.9	353.7	325.6	298.5
70°	575.1	550.2	526.2	500.5	473.8	446.4	418.2	389.2	360.5	332.4	304.5
72.5°	583.1	559.7	536.2	509.1	481.5	454.1	425.1	395.8	366.6	337.4	308.8
75°	590.6	566.9	542.5	515.8	488.7	460.7	430.7	401.8	372.4	341.7	312.7
77.5°	597.3	573.0	548.4	521.3	494.2	466.1	435.7	406.0	376.4	345.9	316.3
80°	602.4	577.8	553.0	525.7	497.7	470.1	440.3	409.5	379.4	349.7	319.7
82.5°	606.3	581.7	556.4	529.0	500.7	472.5	443.6	411.7	381.9	351.7	323.0
85°	608.2	584.4	558.6	531.1	503.4	474.9	447.1	414.0	384.7	353.9	324.7
87.5°	610.3	585.8	560.1	533.6	504.5	475.6	446.9	414.8	385.6	353.9	323.9
90°	611.3	585.3	560.1	535.0	504.1	476.5	446.5	415.6	386.4	353.9	323.1
92.5°	610.3	585.8	560.1	533.6	504.5	475.6	446.9	414.8	385.6	353.9	323.9
95°	608.2	584.4	558.6	531.1	503.4	474.9	447.1	414.0	384.7	353.9	324.7
97.5°	606.3	581.7	556.4	529.0	500.7	472.5	443.6	411.7	381.9	351.7	323.0
100°	602.4	577.8	553.0	525.7	497.7	470.1	440.3	409.5	379.4	349.7	319.7
102.5°	597.3	573.0	548.4	521.3	494.2	466.1	435.7	406.0	376.4	345.9	316.3
105°	590.6	566.9	542.5	515.8	488.7	460.7	430.7	401.8	372.4	341.7	312.7
107.5°	583.1	559.7	536.2	509.1	481.5	454.1	425.1	395.8	366.6	337.4	308.8
110°	575.1	550.2	526.2	500.5	473.8	446.4	418.2	389.2	360.5	332.4	304.5



TEST NUMBER: P232065

CATALOG NUMBER: FVS4WM-3-LD4-35-2LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	564.2	539.8	515.6	492.1	465.2	437.4	410.0	381.9	353.7	325.6	298.5
115°	552.1	529.1	505.2	481.1	455.7	428.1	401.1	373.7	346.0	318.3	292.3
117.5°	539.2	516.3	493.1	469.6	445.5	418.6	391.2	364.7	336.6	309.7	284.7
120°	525.3	501.2	480.2	456.9	432.1	406.4	380.6	355.0	326.7	301.2	276.8
122.5°	508.2	487.0	467.3	442.7	417.9	393.6	369.4	344.3	317.1	292.2	268.2
125°	492.1	471.9	450.1	427.2	403.8	380.3	356.7	332.4	307.0	282.5	259.3
127.5°	474.1	454.2	433.1	411.4	389.3	365.9	342.8	319.6	295.8	271.7	249.7
130°	454.8	435.8	415.8	394.5	372.9	351.0	329.0	306.2	283.4	260.6	239.8
132.5°	434.3	416.2	396.9	377.8	356.3	336.0	314.7	291.4	269.7	248.8	229.1
135°	413.1	396.0	377.2	357.8	338.1	318.9	298.2	276.3	255.9	236.6	218.4
137.5°	390.9	374.1	356.5	337.9	319.4	301.3	281.4	261.4	241.5	223.9	207.2
140°	367.7	351.9	334.7	317.1	299.9	282.1	263.7	245.3	227.2	210.7	195.5
142.5°	343.1	327.9	312.0	295.9	280.9	262.6	245.5	228.7	212.3	196.3	182.2
145°	317.6	303.6	288.7	273.3	258.3	242.9	227.3	212.5	196.7	182.0	168.8
147.5°	292.0	278.5	264.3	250.6	237.4	223.3	208.6	194.3	180.3	167.5	155.4
150°	265.3	252.5	240.2	228.5	216.0	202.5	188.9	176.6	164.5	152.9	141.9
152.5°	237.8	227.1	216.6	205.8	193.5	180.7	169.8	158.8	147.8	137.0	127.2
155°	210.8	200.8	190.8	180.5	169.7	159.9	150.4	140.7	130.8	120.5	112.8
157.5°	182.0	173.4	164.8	155.7	147.4	139.0	130.4	122.1	113.4	105.2	99.2
160°	154.0	146.6	139.1	132.6	125.6	118.2	111.1	103.7	96.1	90.8	85.5
162.5°	127.1	121.1	115.8	110.2	104.3	98.0	91.6	84.9	80.0	75.6	70.9
165°	101.9	97.3	93.2	87.9	82.9	77.6	72.0	68.1	64.3	60.4	56.4
167.5°	76.5	73.4	70.0	66.3	62.4	58.9	55.9	52.7	49.4	46.0	43.9
170°	54.9	52.1	49.5	47.2	44.9	42.4	39.9	37.2	34.4	33.0	31.9
172.5°	34.9	33.6	32.1	30.6	28.9	27.2	25.3	24.4	23.6	22.8	21.9
175°	19.0	17.9	16.8	16.3	15.7	15.2	14.6	13.9	13.3	12.6	11.9
177.5°	9.2	9.0	8.8	8.5	8.3	8.0	7.7	7.4	7.0	6.7	6.3
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232065

CATALOG NUMBER: FVS4WM-3-LD4-35-2LO-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°	6.0	5.6	5.2	4.9	4.8	4.8	4.8	4.7	4.7	4.6	4.5
5°	11.2	10.4	9.7	8.9	8.8	8.7	8.6	8.5	8.4	8.2	8.1
7.5°	21.0	20.0	18.9	17.9	17.6	17.3	17.0	16.6	16.2	15.8	15.3
10°	30.7	29.5	28.2	26.8	26.4	25.8	25.3	24.6	24.0	23.3	22.7
12.5°	42.4	40.8	39.1	37.4	36.8	36.1	35.4	34.5	33.6	32.9	32.0
15°	54.3	52.3	50.1	47.9	47.2	46.4	45.5	44.6	43.6	42.6	41.4
17.5°	67.0	64.6	62.0	59.3	58.5	57.5	56.5	55.4	54.3	53.0	51.6
20°	80.1	77.0	73.9	70.6	69.7	68.6	67.5	66.3	65.1	63.7	61.9
22.5°	92.9	88.5	85.3	82.0	80.8	79.5	78.2	77.0	75.6	73.8	71.8
25°	105.6	99.9	96.7	93.4	91.9	90.2	88.9	87.5	86.0	83.9	81.7
27.5°	119.4	112.1	108.4	104.4	102.7	100.9	99.4	97.9	96.0	93.8	91.5
30°	133.3	124.6	120.0	115.3	113.5	111.6	109.9	108.0	105.9	103.6	101.1
32.5°	145.4	136.1	130.6	125.5	123.6	121.6	119.8	117.8	115.6	113.2	110.5
35°	157.2	147.5	141.1	135.6	133.6	131.5	129.6	127.5	125.2	122.4	119.4
37.5°	169.1	158.3	150.9	145.4	143.0	140.7	138.8	136.6	134.3	131.2	127.9
40°	181.1	169.1	160.7	155.1	152.4	149.9	147.9	145.6	142.9	139.8	136.2
42.5°	191.7	179.2	169.8	163.6	161.0	158.6	156.3	153.9	151.0	147.8	143.9
45°	202.5	189.1	178.9	172.1	169.7	167.2	164.5	162.1	158.8	155.1	151.6
47.5°	213.0	198.6	187.3	180.2	177.5	174.7	172.0	169.7	166.2	162.6	158.9
50°	223.3	208.1	195.7	188.3	185.2	182.2	179.5	177.1	173.7	169.9	165.6
52.5°	231.5	215.7	202.9	195.2	192.0	189.2	186.6	183.7	180.2	176.3	171.9
55°	239.5	223.0	210.1	202.1	198.8	196.2	193.5	190.2	186.3	182.3	177.9
57.5°	247.3	230.0	216.4	208.2	204.8	202.0	199.3	196.0	192.0	188.0	183.6
60°	254.9	236.9	222.7	214.3	210.8	207.7	205.1	201.8	197.8	193.5	188.9
62.5°	262.1	242.7	228.2	219.6	215.6	212.8	210.0	206.5	202.6	198.2	193.3
65°	269.3	248.3	233.6	224.9	220.4	217.9	214.9	211.2	207.1	202.6	197.4
67.5°	274.5	253.0	237.9	229.0	224.4	221.9	218.8	215.1	211.0	206.3	201.1
70°	279.4	257.6	242.1	233.0	228.4	225.9	222.7	218.9	214.8	209.7	204.5
72.5°	283.4	261.3	245.1	235.9	231.5	228.7	225.5	221.7	217.7	212.4	207.3
75°	287.2	265.0	248.4	238.7	234.7	231.6	228.3	224.4	220.3	214.9	209.8
77.5°	290.5	267.8	250.4	240.7	236.7	233.5	230.7	226.4	222.3	216.8	211.6
80°	293.5	271.1	252.5	242.7	238.8	235.5	233.0	228.3	224.2	218.6	213.0
82.5°	295.5	271.9	253.3	244.0	239.5	236.7	233.9	229.4	225.0	219.8	214.1
85°	296.3	272.8	254.1	245.2	240.3	237.9	234.6	230.5	225.8	220.8	215.1
87.5°	295.9	273.2	254.9	245.6	240.7	238.3	235.0	230.5	226.1	220.8	215.5
90°	295.5	273.6	255.7	246.0	241.1	238.7	235.4	230.5	226.5	220.8	215.9
92.5°	295.9	273.2	254.9	245.6	240.7	238.3	235.0	230.5	226.1	220.8	215.5
95°	296.3	272.8	254.1	245.2	240.3	237.9	234.6	230.5	225.8	220.8	215.1
97.5°	295.5	271.9	253.3	244.0	239.5	236.7	233.9	229.4	225.0	219.8	214.1
100°	293.5	271.1	252.5	242.7	238.8	235.5	233.0	228.3	224.2	218.6	213.0
102.5°	290.5	267.8	250.4	240.7	236.7	233.5	230.7	226.4	222.3	216.8	211.6
105°	287.2	265.0	248.4	238.7	234.7	231.6	228.3	224.4	220.3	214.9	209.8
107.5°	283.4	261.3	245.1	235.9	231.5	228.7	225.5	221.7	217.7	212.4	207.3
110°	279.4	257.6	242.1	233.0	228.4	225.9	222.7	218.9	214.8	209.7	204.5



TEST NUMBER: P232065

CATALOG NUMBER: FVS4WM-3-LD4-35-2LO-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°	274.5	253.0	237.9	229.0	224.4	221.9	218.8	215.1	211.0	206.3	201.1
115°	269.3	248.3	233.6	224.9	220.4	217.9	214.9	211.2	207.1	202.6	197.4
117.5°	262.1	242.7	228.2	219.6	215.6	212.8	210.0	206.5	202.6	198.2	193.3
120°	254.9	236.9	222.7	214.3	210.8	207.7	205.1	201.8	197.8	193.5	188.9
122.5°	247.3	230.0	216.4	208.2	204.8	202.0	199.3	196.0	192.0	188.0	183.6
125°	239.5	223.0	210.1	202.1	198.8	196.2	193.5	190.2	186.3	182.3	177.9
127.5°	231.5	215.7	202.9	195.2	192.0	189.2	186.6	183.7	180.2	176.3	171.9
130°	223.3	208.1	195.7	188.3	185.2	182.2	179.5	177.1	173.7	169.9	165.6
132.5°	213.0	198.6	187.3	180.2	177.5	174.7	172.0	169.7	166.2	162.6	158.9
135°	202.5	189.1	178.9	172.1	169.7	167.2	164.5	162.1	158.8	155.1	151.6
137.5°	191.7	179.2	169.8	163.6	161.0	158.6	156.3	153.9	151.0	147.8	143.9
140°	181.1	169.1	160.7	155.1	152.4	149.9	147.9	145.6	142.9	139.8	136.2
142.5°	169.1	158.3	150.9	145.4	143.0	140.7	138.8	136.6	134.3	131.2	127.9
145°	157.2	147.5	141.1	135.6	133.6	131.5	129.6	127.5	125.2	122.4	119.4
147.5°	145.4	136.1	130.6	125.5	123.6	121.6	119.8	117.8	115.6	113.2	110.5
150°	133.3	124.6	120.0	115.3	113.5	111.6	109.9	108.0	105.9	103.6	101.1
152.5°	119.4	112.1	108.4	104.4	102.7	100.9	99.4	97.9	96.0	93.8	91.5
155°	105.6	99.9	96.7	93.4	91.9	90.2	88.9	87.5	86.0	83.9	81.7
157.5°	92.9	88.5	85.3	82.0	80.8	79.5	78.2	77.0	75.6	73.8	71.8
160°	80.1	77.0	73.9	70.6	69.7	68.6	67.5	66.3	65.1	63.7	61.9
162.5°	67.0	64.6	62.0	59.3	58.5	57.5	56.5	55.4	54.3	53.0	51.6
165°	54.3	52.3	50.1	47.9	47.2	46.4	45.5	44.6	43.6	42.6	41.4
167.5°	42.4	40.8	39.1	37.4	36.8	36.1	35.4	34.5	33.6	32.9	32.0
170°	30.7	29.5	28.2	26.8	26.4	25.8	25.3	24.6	24.0	23.3	22.7
172.5°	21.0	20.0	18.9	17.8	17.6	17.3	17.0	16.6	16.2	15.8	15.3
175°	11.2	10.4	9.7	8.9	8.8	8.7	8.6	8.5	8.4	8.2	8.1
177.5°	6.0	5.6	5.2	4.9	4.8	4.8	4.8	4.7	4.7	4.6	4.5
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232065

CATALOG NUMBER: FVS4WM-3-LD4-35-2LO-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°	4.5	4.4	4.3	4.2	4.1	4.0	3.9	3.8	3.7	3.6	3.5
5°	7.9	7.7	7.5	7.3	7.1	6.9	6.7	6.5	6.2	6.0	5.7
7.5°	14.8	14.3	13.8	13.2	12.6	12.0	11.3	10.6	9.8	9.1	8.3
10°	22.1	21.5	20.8	20.0	19.2	18.4	17.6	16.7	15.8	14.8	13.9
12.5°	31.0	30.0	28.9	27.8	26.6	25.4	24.0	22.6	21.3	20.0	18.6
15°	40.3	39.1	37.9	36.6	35.2	33.4	31.5	29.6	27.7	25.7	23.8
17.5°	50.2	48.7	47.1	45.2	43.1	40.8	38.6	36.7	34.7	32.6	30.4
20°	60.0	58.1	56.1	54.0	51.7	49.3	46.9	44.5	42.0	39.2	36.7
22.5°	69.7	67.6	65.4	63.1	60.4	57.6	54.9	52.1	49.2	46.2	43.0
25°	79.4	77.0	74.5	71.7	68.8	65.8	62.8	59.7	56.3	52.8	49.3
27.5°	89.0	86.3	83.5	80.5	77.3	74.0	70.6	67.0	63.3	59.4	55.3
30°	98.4	95.4	92.2	88.8	85.4	81.9	78.3	74.4	70.2	65.8	61.5
32.5°	107.5	104.2	100.7	97.0	93.3	89.7	85.7	81.3	76.8	72.4	67.8
35°	116.1	112.6	108.8	105.0	101.3	97.3	92.9	88.2	83.3	78.5	73.6
37.5°	124.5	120.9	117.1	113.1	108.9	104.3	99.6	94.6	89.4	84.4	79.2
40°	132.3	128.7	124.7	120.5	115.9	111.1	106.5	101.2	95.5	90.1	84.8
42.5°	140.2	136.4	132.0	127.4	122.6	117.7	112.7	107.0	101.1	95.6	89.9
45°	147.5	143.3	138.8	134.0	129.1	124.1	118.4	112.6	107.0	100.9	95.0
47.5°	154.6	150.2	145.4	140.2	135.2	129.8	124.0	118.4	112.4	105.6	99.4
50°	160.9	156.5	151.5	146.3	141.3	135.6	129.5	123.2	116.6	110.4	104.3
52.5°	167.3	162.8	157.6	152.1	146.4	140.4	134.1	127.6	121.2	114.9	107.9
55°	173.2	168.2	163.0	157.3	151.3	145.1	138.7	132.1	125.5	118.7	111.7
57.5°	178.7	173.6	168.2	162.2	156.0	149.7	143.0	136.3	129.6	122.2	115.1
60°	183.7	178.2	172.4	166.4	160.4	154.1	147.1	139.9	132.7	125.5	118.4
62.5°	188.2	182.5	176.7	170.7	164.5	157.7	150.4	143.3	136.1	128.8	120.9
65°	192.0	186.6	180.7	174.4	168.1	161.0	153.9	146.8	139.2	131.1	123.1
67.5°	195.7	190.4	184.4	177.9	171.2	164.2	157.2	149.8	141.7	133.4	125.4
70°	199.1	193.2	186.8	180.2	173.6	166.9	159.9	152.5	144.1	135.6	127.3
72.5°	201.9	195.8	189.2	182.6	176.0	169.1	161.5	153.6	145.7	137.3	128.9
75°	204.3	198.1	191.5	184.6	177.8	170.7	162.9	154.9	147.1	138.9	130.2
77.5°	206.0	199.9	193.3	186.3	179.5	172.4	164.5	156.2	148.0	139.8	131.1
80°	207.3	201.5	194.5	187.7	180.7	173.0	165.2	157.2	148.7	140.5	131.8
82.5°	208.4	202.4	195.5	188.7	181.5	173.6	166.1	158.1	149.3	141.0	131.6
85°	209.4	203.0	196.5	189.2	181.9	174.5	166.5	158.4	149.5	140.8	131.6
87.5°	209.4	203.0	196.6	189.6	181.9	174.9	166.8	158.4	149.8	140.9	131.9
90°	209.4	202.9	196.5	190.0	181.8	175.3	167.2	158.3	150.2	141.3	132.3
92.5°	209.4	203.0	196.6	189.6	181.9	174.9	166.8	158.4	149.8	140.9	131.9
95°	209.4	203.0	196.5	189.2	181.9	174.5	166.5	158.4	149.5	140.8	131.6
97.5°	208.4	202.4	195.5	188.7	181.5	173.6	166.1	158.1	149.3	141.0	131.6
100°	207.3	201.5	194.5	187.7	180.7	173.0	165.2	157.2	148.7	140.5	131.8
102.5°	206.0	199.9	193.3	186.3	179.5	172.4	164.5	156.2	148.0	139.8	131.1
105°	204.3	198.1	191.5	184.6	177.8	170.7	162.9	154.9	147.1	138.9	130.2
107.5°	201.9	195.8	189.2	182.6	176.0	169.1	161.5	153.6	145.7	137.3	128.9
110°	199.1	193.2	186.8	180.2	173.6	166.9	159.9	152.5	144.1	135.6	127.3



TEST NUMBER: P232065

CATALOG NUMBER: FVS4WM-3-LD4-35-2LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	195.7	190.4	184.4	177.9	171.2	164.2	157.2	149.8	141.7	133.4	125.4
115°	192.0	186.6	180.7	174.4	168.1	161.0	153.9	146.8	139.2	131.1	123.1
117.5°	188.2	182.5	176.7	170.7	164.5	157.7	150.4	143.3	136.1	128.8	120.9
120°	183.7	178.2	172.4	166.4	160.4	154.1	147.1	139.9	132.7	125.5	118.4
122.5°	178.7	173.6	168.2	162.2	156.0	149.7	143.0	136.3	129.6	122.2	115.1
125°	173.2	168.2	163.0	157.3	151.3	145.1	138.7	132.1	125.5	118.7	111.7
127.5°	167.3	162.8	157.6	152.1	146.4	140.4	134.1	127.6	121.2	114.9	107.9
130°	160.9	156.5	151.5	146.3	141.3	135.6	129.5	123.2	116.6	110.4	104.3
132.5°	154.6	150.2	145.4	140.2	135.2	129.8	124.0	118.4	112.4	105.6	99.4
135°	147.5	143.3	138.8	134.0	129.1	124.1	118.4	112.6	107.0	100.9	95.0
137.5°	140.2	136.4	132.0	127.4	122.6	117.7	112.7	107.0	101.1	95.6	89.9
140°	132.3	128.7	124.7	120.5	115.9	111.1	106.5	101.2	95.5	90.1	84.8
142.5°	124.5	120.9	117.1	113.1	108.9	104.3	99.6	94.6	89.4	84.4	79.2
145°	116.1	112.6	108.8	105.0	101.3	97.3	92.9	88.2	83.3	78.5	73.6
147.5°	107.5	104.2	100.7	97.0	93.3	89.7	85.7	81.3	76.8	72.4	67.8
150°	98.4	95.4	92.2	88.8	85.4	81.9	78.3	74.4	70.2	65.8	61.5
152.5°	89.0	86.3	83.5	80.5	77.3	74.0	70.6	67.0	63.3	59.4	55.3
155°	79.4	77.0	74.5	71.7	68.8	65.8	62.8	59.7	56.3	52.8	49.3
157.5°	69.7	67.6	65.4	63.1	60.4	57.6	54.9	52.1	49.2	46.2	43.0
160°	60.0	58.1	56.1	54.0	51.7	49.3	46.9	44.5	42.0	39.2	36.7
162.5°	50.2	48.7	47.1	45.2	43.1	40.8	38.6	36.7	34.7	32.6	30.4
165°	40.3	39.1	37.9	36.6	35.2	33.4	31.5	29.6	27.7	25.7	23.8
167.5°	31.0	30.0	28.9	27.8	26.6	25.4	24.0	22.6	21.3	20.0	18.6
170°	22.1	21.5	20.8	20.0	19.2	18.4	17.6	16.7	15.8	14.8	13.9
172.5°	14.8	14.3	13.8	13.2	12.6	12.0	11.3	10.6	9.8	9.1	8.3
175°	7.9	7.7	7.5	7.3	7.1	6.9	6.7	6.5	6.2	6.0	5.7
177.5°	4.5	4.4	4.3	4.2	4.1	4.0	3.9	3.8	3.7	3.6	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: P232065

CATALOG NUMBER: FVS4WM-3-LD4-35-2LO-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°	3.3	3.2	3.1	2.9	2.8	2.7	2.5	2.4	2.2	2.1	1.9
5°	5.5	5.2	5.0	4.7	4.4	4.2	3.9	3.6	3.3	3.1	2.8
7.5°	7.3	7.1	6.8	6.4	6.1	5.7	5.3	4.9	4.5	4.2	3.7
10°	12.8	11.8	10.6	9.4	8.3	6.9	6.4	5.9	5.4	4.9	4.4
12.5°	17.2	15.8	14.4	13.0	11.6	10.1	8.6	7.1	5.9	5.3	4.7
15°	21.8	20.0	18.4	16.7	15.0	13.3	11.6	9.9	8.1	6.4	5.3
17.5°	28.1	25.6	23.2	20.7	18.5	16.6	14.6	12.6	10.5	8.4	6.3
20°	34.0	31.2	28.5	25.6	22.8	19.9	17.4	15.1	12.8	10.5	8.2
22.5°	39.8	36.5	33.4	30.3	27.1	24.0	20.8	17.5	14.9	12.3	9.7
25°	45.7	42.0	38.4	34.6	31.2	27.6	23.9	20.1	16.4	13.7	11.1
27.5°	51.4	47.4	43.3	39.3	35.3	31.2	27.3	23.4	19.4	15.2	12.5
30°	57.1	52.5	48.3	44.1	39.7	35.1	30.6	26.4	22.2	17.8	13.6
32.5°	63.0	58.3	53.5	48.4	43.8	38.9	33.7	28.4	24.0	19.5	15.2
35°	68.5	63.3	58.1	52.8	47.3	41.8	36.7	31.6	26.3	21.7	17.1
37.5°	73.8	68.2	62.3	56.8	51.2	45.8	40.4	34.6	29.0	23.7	18.8
40°	79.1	73.0	67.0	60.9	54.9	49.0	42.9	37.0	31.2	25.2	19.7
42.5°	83.8	77.6	71.3	64.9	58.5	52.2	45.9	39.7	33.5	27.4	21.3
45°	88.4	81.8	75.3	68.7	62.0	55.3	48.8	42.3	35.7	29.0	22.5
47.5°	92.8	86.2	79.4	72.4	65.3	58.4	51.5	44.7	37.5	30.3	23.8
50°	97.1	90.0	83.0	75.9	68.5	61.2	54.0	46.6	39.3	31.8	24.5
52.5°	100.7	93.4	86.4	79.0	71.6	63.7	55.9	48.1	40.6	32.9	25.3
55°	104.4	96.9	89.6	81.9	74.0	65.8	57.9	49.6	41.2	33.3	25.9
57.5°	107.6	99.8	92.4	84.3	76.5	68.0	59.7	50.7	42.1	34.0	26.4
60°	110.2	102.5	94.5	86.1	78.2	69.6	60.7	52.0	43.2	34.2	26.5
62.5°	112.7	104.8	96.4	88.3	80.1	71.1	61.7	52.3	43.5	34.8	27.1
65°	115.1	106.8	98.3	90.1	81.5	72.5	62.8	52.8	43.7	34.8	26.8
67.5°	117.1	108.7	99.7	91.3	82.6	73.7	63.5	53.8	44.0	35.2	27.0
70°	118.6	110.0	101.2	92.4	83.4	74.1	64.1	54.0	43.8	34.9	26.6
72.5°	119.6	111.4	102.4	93.4	84.6	75.1	65.4	54.2	44.5	34.8	26.0
75°	121.1	112.7	103.3	94.1	84.8	75.5	65.6	54.7	43.9	34.3	25.7
77.5°	122.1	113.1	103.6	94.3	85.0	75.6	66.0	56.0	44.6	34.1	25.1
80°	122.4	113.1	103.5	94.3	85.1	75.8	65.9	56.0	45.1	33.8	24.5
82.5°	122.4	112.9	103.6	94.1	84.5	74.8	65.0	55.2	45.5	34.7	24.0
85°	122.3	112.9	103.9	94.0	84.2	74.6	64.1	54.3	44.9	35.1	24.3
87.5°	122.2	113.0	104.0	93.8	83.9	74.3	63.7	53.9	43.5	33.9	24.2
90°	122.6	112.8	103.1	94.2	82.8	73.1	63.3	54.4	43.0	33.3	23.5
92.5°	122.2	113.0	104.0	93.8	83.9	74.3	63.7	53.9	43.5	33.9	24.2
95°	122.3	112.9	103.9	94.0	84.2	74.6	64.1	54.3	44.9	35.1	24.3
97.5°	122.4	112.9	103.6	94.1	84.5	74.8	65.0	55.2	45.5	34.7	24.0
100°	122.4	113.1	103.5	94.3	85.1	75.8	65.9	56.0	45.1	33.8	24.5
102.5°	122.1	113.1	103.6	94.3	85.0	75.6	66.0	56.0	44.6	34.1	25.1
105°	121.1	112.7	103.3	94.1	84.8	75.5	65.6	54.7	43.9	34.3	25.7
107.5°	119.6	111.4	102.4	93.4	84.6	75.1	65.4	54.2	44.5	34.8	26.0
110°	118.6	110.0	101.2	92.4	83.4	74.1	64.1	54.0	43.8	34.9	26.6



TEST NUMBER: P232065

CATALOG NUMBER: FVS4WM-3-LD4-35-2LO-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°	117.1	108.7	99.7	91.3	82.6	73.7	63.5	53.8	44.0	35.2	27.0
115°	115.1	106.8	98.3	90.1	81.5	72.5	62.8	52.8	43.7	34.8	26.8
117.5°	112.7	104.8	96.4	88.3	80.1	71.1	61.7	52.3	43.5	34.8	27.1
120°	110.2	102.5	94.5	86.1	78.2	69.6	60.7	52.0	43.2	34.2	26.5
122.5°	107.6	99.8	92.4	84.3	76.5	68.0	59.7	50.7	42.1	34.0	26.4
125°	104.4	96.9	89.6	81.9	74.0	65.8	57.9	49.6	41.2	33.3	25.9
127.5°	100.7	93.4	86.4	79.0	71.6	63.7	55.9	48.1	40.6	32.9	25.3
130°	97.1	90.0	83.0	75.9	68.5	61.2	54.0	46.6	39.3	31.8	24.5
132.5°	92.8	86.2	79.4	72.4	65.3	58.4	51.5	44.7	37.5	30.3	23.8
135°	88.4	81.8	75.3	68.7	62.0	55.3	48.8	42.3	35.7	29.0	22.5
137.5°	83.8	77.6	71.3	64.9	58.5	52.2	45.9	39.7	33.5	27.4	21.3
140°	79.1	73.0	67.0	60.9	54.9	49.0	42.9	37.0	31.2	25.2	19.7
142.5°	73.8	68.2	62.3	56.8	51.2	45.8	40.4	34.6	29.0	23.7	18.8
145°	68.5	63.3	58.1	52.8	47.3	41.8	36.7	31.6	26.3	21.7	17.1
147.5°	63.0	58.3	53.5	48.4	43.8	38.9	33.7	28.4	24.0	19.5	15.2
150°	57.1	52.5	48.3	44.1	39.7	35.1	30.6	26.4	22.2	17.8	13.6
152.5°	51.4	47.4	43.3	39.3	35.3	31.2	27.3	23.4	19.4	15.2	12.5
155°	45.7	42.0	38.4	34.6	31.2	27.6	23.9	20.1	16.4	13.7	11.1
157.5°	39.8	36.5	33.4	30.3	27.1	24.0	20.8	17.5	14.9	12.3	9.7
160°	34.0	31.2	28.5	25.6	22.8	19.9	17.4	15.1	12.8	10.5	8.2
162.5°	28.1	25.6	23.2	20.7	18.5	16.6	14.6	12.6	10.5	8.4	6.3
165°	21.8	20.0	18.4	16.7	15.0	13.3	11.6	9.9	8.1	6.4	5.3
167.5°	17.2	15.8	14.4	13.0	11.6	10.1	8.6	7.1	5.9	5.3	4.7
170°	12.8	11.8	10.6	9.4	8.3	6.9	6.4	5.9	5.4	4.9	4.4
172.5°	7.3	7.1	6.8	6.4	6.1	5.7	5.3	4.9	4.5	4.2	3.7
175°	5.5	5.2	5.0	4.7	4.4	4.2	3.9	3.6	3.3	3.1	2.8
177.5°	3.3	3.2	3.1	2.9	2.8	2.7	2.5	2.4	2.2	2.1	1.9
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: P232065

CATALOG NUMBER: FVS4WM-3-LD4-35-2LO-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°	1.7	1.6	1.4	1.3	1.1	1.0	0.8	1.0	1.1	1.3	1.4
5°	2.5	2.2	1.9	1.7	1.4	1.1	0.8	1.1	1.4	1.7	1.9
7.5°	3.3	2.9	2.5	2.1	1.7	1.2	0.8	1.2	1.7	2.1	2.5
10°	3.8	3.3	2.8	2.3	1.8	1.3	0.8	1.3	1.8	2.3	2.8
12.5°	4.1	3.5	3.0	2.4	1.9	1.3	0.8	1.3	1.9	2.4	3.0
15°	4.7	4.1	3.4	2.8	2.1	1.5	0.8	1.5	2.1	2.8	3.4
17.5°	4.8	4.1	3.4	2.8	2.1	1.4	0.8	1.4	2.1	2.8	3.4
20°	5.9	4.5	3.8	3.0	2.3	1.5	0.8	1.5	2.3	3.0	3.8
22.5°	7.1	4.6	3.6	2.9	2.2	1.5	0.8	1.5	2.2	2.9	3.6
25°	8.5	5.9	3.9	3.1	2.3	1.6	0.8	1.6	2.3	3.1	3.9
27.5°	9.6	6.7	3.7	2.7	2.1	1.4	0.8	1.4	2.1	2.7	3.7
30°	10.6	7.6	4.7	2.9	2.2	1.5	0.8	1.5	2.2	2.9	4.7
32.5°	11.3	8.3	5.1	2.4	1.8	1.3	0.8	1.3	1.8	2.4	5.1
35°	12.6	9.1	6.0	2.8	1.9	1.4	0.8	1.4	1.9	2.8	6.0
37.5°	13.8	9.4	6.1	2.9	1.5	1.1	0.8	1.1	1.5	2.9	6.1
40°	14.8	10.0	6.6	3.5	1.5	1.1	0.8	1.1	1.5	3.5	6.6
42.5°	15.9	10.8	6.6	3.8	1.5	1.2	0.8	1.2	1.5	3.8	6.6
45°	16.5	11.4	6.6	4.1	1.6	1.2	0.8	1.2	1.6	4.1	6.6
47.5°	17.5	12.1	7.3	4.0	1.3	0.8	0.8	0.8	1.3	4.0	7.3
50°	18.1	12.1	7.3	3.6	1.4	0.8	0.8	0.8	1.4	3.6	7.3
52.5°	18.5	12.3	7.4	3.2	1.5	0.8	0.8	0.8	1.5	3.2	7.4
55°	18.7	12.8	7.6	3.3	1.5	0.8	0.8	0.8	1.5	3.3	7.6
57.5°	19.4	13.2	7.7	3.8	1.7	0.8	0.8	0.8	1.7	3.8	7.7
60°	19.5	13.4	7.9	3.8	1.5	0.8	0.8	0.8	1.5	3.8	7.9
62.5°	19.6	13.1	7.4	3.4	1.5	0.8	0.8	0.8	1.5	3.4	7.4
65°	19.8	13.2	7.3	3.2	1.1	0.8	0.8	0.8	1.1	3.2	7.3
67.5°	19.8	13.1	7.4	3.4	1.2	0.8	0.8	0.8	1.2	3.4	7.4
70°	19.5	12.8	6.8	3.2	1.4	0.8	0.8	0.8	1.4	3.2	6.8
72.5°	19.0	12.4	6.8	3.0	1.1	0.8	0.8	0.8	1.1	3.0	6.8
75°	18.1	12.1	6.9	2.5	1.0	0.8	0.8	0.8	1.0	2.5	6.9
77.5°	17.1	10.6	5.8	2.0	0.4	0.1	0.0	0.1	0.4	2.0	5.8
80°	16.2	9.7	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1
82.5°	15.0	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	14.4	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	14.6	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	13.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	14.6	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	14.4	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	15.0	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	16.2	9.7	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1
102.5°	17.1	10.6	5.8	2.0	0.4	0.1	0.0	0.1	0.4	2.0	5.8
105°	18.1	12.1	6.9	2.5	1.0	0.8	0.8	0.8	1.0	2.5	6.9
107.5°	19.0	12.4	6.8	3.0	1.1	0.8	0.8	0.8	1.1	3.0	6.8
110°	19.5	12.8	6.8	3.2	1.4	0.8	0.8	0.8	1.4	3.2	6.8



TEST NUMBER: P232065

CATALOG NUMBER: FVS4WM-3-LD4-35-2LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	19.8	13.1	7.4	3.4	1.2	0.8	0.8	0.8	1.2	3.4	7.4
115°	19.8	13.2	7.3	3.2	1.1	0.8	0.8	0.8	1.1	3.2	7.3
117.5°	19.6	13.1	7.4	3.4	1.5	0.8	0.8	0.8	1.5	3.4	7.4
120°	19.5	13.4	7.9	3.8	1.5	0.8	0.8	0.8	1.5	3.8	7.9
122.5°	19.4	13.2	7.7	3.8	1.7	0.8	0.8	0.8	1.7	3.8	7.7
125°	18.7	12.8	7.6	3.3	1.5	0.8	0.8	0.8	1.5	3.3	7.6
127.5°	18.5	12.3	7.4	3.2	1.5	0.8	0.8	0.8	1.5	3.2	7.4
130°	18.1	12.1	7.3	3.6	1.4	0.8	0.8	0.8	1.4	3.6	7.3
132.5°	17.5	12.1	7.3	4.0	1.3	0.8	0.8	0.8	1.3	4.0	7.3
135°	16.5	11.4	6.6	4.1	1.6	1.2	0.8	1.2	1.6	4.1	6.6
137.5°	15.9	10.8	6.6	3.8	1.5	1.2	0.8	1.2	1.5	3.8	6.6
140°	14.8	10.0	6.6	3.5	1.5	1.1	0.8	1.1	1.5	3.5	6.6
142.5°	13.8	9.4	6.1	2.9	1.5	1.1	0.8	1.1	1.5	2.9	6.1
145°	12.6	9.1	6.0	2.8	1.9	1.4	0.8	1.4	1.9	2.8	6.0
147.5°	11.3	8.3	5.1	2.4	1.8	1.3	0.8	1.3	1.8	2.4	5.1
150°	10.6	7.6	4.7	2.9	2.2	1.5	0.8	1.5	2.2	2.9	4.7
152.5°	9.6	6.7	3.7	2.7	2.1	1.4	0.8	1.4	2.1	2.7	3.7
155°	8.5	5.9	3.9	3.1	2.3	1.6	0.8	1.6	2.3	3.1	3.9
157.5°	7.1	4.6	3.6	2.9	2.2	1.5	0.8	1.5	2.2	2.9	3.6
160°	5.9	4.5	3.8	3.0	2.3	1.5	0.8	1.5	2.3	3.0	3.8
162.5°	4.8	4.1	3.4	2.8	2.1	1.4	0.8	1.4	2.1	2.8	3.4
165°	4.7	4.1	3.4	2.8	2.1	1.5	0.8	1.5	2.1	2.8	3.4
167.5°	4.1	3.5	3.0	2.4	1.9	1.3	0.8	1.3	1.9	2.4	3.0
170°	3.8	3.3	2.8	2.3	1.8	1.3	0.8	1.3	1.8	2.3	2.8
172.5°	3.3	2.9	2.5	2.1	1.7	1.2	0.8	1.2	1.7	2.1	2.5
175°	2.5	2.2	1.9	1.7	1.4	1.1	0.8	1.1	1.4	1.7	1.9
177.5°	1.7	1.6	1.4	1.3	1.1	1.0	0.8	1.0	1.1	1.3	1.4
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232065

CATALOG NUMBER: FVS4WM-3-LD4-35-2LO-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°	1.6	1.7	1.9	2.1	2.2	2.4	2.5	2.7	2.8	2.9	3.1
5°	2.2	2.5	2.8	3.1	3.3	3.6	3.9	4.2	4.4	4.7	5.0
7.5°	2.9	3.3	3.7	4.2	4.5	4.9	5.3	5.7	6.1	6.4	6.8
10°	3.3	3.8	4.4	4.9	5.4	5.9	6.4	6.9	8.3	9.4	10.6
12.5°	3.5	4.1	4.7	5.3	5.9	7.1	8.6	10.1	11.6	13.0	14.4
15°	4.1	4.7	5.3	6.4	8.1	9.9	11.6	13.3	15.0	16.7	18.4
17.5°	4.1	4.8	6.3	8.4	10.5	12.6	14.6	16.6	18.5	20.7	23.2
20°	4.5	5.9	8.2	10.5	12.8	15.1	17.4	19.9	22.8	25.6	28.5
22.5°	4.6	7.1	9.7	12.3	14.9	17.5	20.8	24.0	27.1	30.3	33.4
25°	5.9	8.5	11.1	13.7	16.4	20.1	23.9	27.6	31.2	34.6	38.4
27.5°	6.7	9.6	12.5	15.2	19.4	23.4	27.3	31.2	35.3	39.3	43.3
30°	7.6	10.6	13.6	17.8	22.2	26.4	30.6	35.1	39.7	44.1	48.3
32.5°	8.3	11.3	15.2	19.5	24.0	28.4	33.7	38.9	43.8	48.4	53.5
35°	9.1	12.6	17.1	21.7	26.3	31.6	36.7	41.8	47.3	52.8	58.1
37.5°	9.4	13.8	18.8	23.7	29.0	34.6	40.4	45.8	51.2	56.8	62.3
40°	10.0	14.8	19.7	25.2	31.2	37.0	42.9	49.0	54.9	60.9	67.0
42.5°	10.8	15.9	21.3	27.4	33.5	39.7	45.9	52.2	58.5	64.9	71.3
45°	11.4	16.5	22.5	29.0	35.7	42.3	48.8	55.3	62.0	68.7	75.3
47.5°	12.1	17.5	23.8	30.3	37.5	44.7	51.5	58.4	65.3	72.4	79.4
50°	12.1	18.1	24.5	31.8	39.3	46.6	54.0	61.2	68.5	75.9	83.0
52.5°	12.3	18.5	25.3	32.9	40.6	48.1	55.9	63.7	71.6	79.0	86.4
55°	12.8	18.7	25.9	33.3	41.2	49.6	57.9	65.8	74.0	81.9	89.6
57.5°	13.2	19.4	26.4	34.0	42.1	50.7	59.7	68.0	76.5	84.3	92.4
60°	13.4	19.5	26.5	34.2	43.2	52.0	60.7	69.6	78.2	86.1	94.5
62.5°	13.1	19.6	27.1	34.8	43.5	52.3	61.7	71.1	80.1	88.3	96.4
65°	13.2	19.8	26.8	34.8	43.7	52.8	62.8	72.5	81.5	90.1	98.3
67.5°	13.1	19.8	27.0	35.2	44.0	53.8	63.5	73.7	82.6	91.3	99.7
70°	12.8	19.5	26.6	34.9	43.8	54.0	64.1	74.1	83.4	92.4	101.2
72.5°	12.4	19.0	26.0	34.8	44.5	54.2	65.4	75.1	84.6	93.4	102.4
75°	12.1	18.1	25.7	34.3	43.9	54.7	65.6	75.5	84.8	94.1	103.3
77.5°	10.6	17.1	25.1	34.1	44.6	56.0	66.0	75.6	85.0	94.3	103.6
80°	9.7	16.2	24.5	33.8	45.1	56.0	65.9	75.8	85.1	94.3	103.5
82.5°	7.1	15.0	24.0	34.7	45.5	55.2	65.0	74.8	84.5	94.1	103.6
85°	4.2	14.4	24.3	35.1	44.9	54.3	64.1	74.6	84.2	94.0	103.9
87.5°	1.3	14.6	24.2	33.9	43.5	53.9	63.7	74.3	83.9	93.8	104.0
90°	0.0	13.8	23.5	33.3	43.0	54.4	63.3	73.1	82.8	94.2	103.1
92.5°	1.3	14.6	24.2	33.9	43.5	53.9	63.7	74.3	83.9	93.8	104.0
95°	4.2	14.4	24.3	35.1	44.9	54.3	64.1	74.6	84.2	94.0	103.9
97.5°	7.1	15.0	24.0	34.7	45.5	55.2	65.0	74.8	84.5	94.1	103.6
100°	9.7	16.2	24.5	33.8	45.1	56.0	65.9	75.8	85.1	94.3	103.5
102.5°	10.6	17.1	25.1	34.1	44.6	56.0	66.0	75.6	85.0	94.3	103.6
105°	12.1	18.1	25.7	34.3	43.9	54.7	65.6	75.5	84.8	94.1	103.3
107.5°	12.4	19.0	26.0	34.8	44.5	54.2	65.4	75.1	84.6	93.4	102.4
110°	12.8	19.5	26.6	34.9	43.8	54.0	64.1	74.1	83.4	92.4	101.2



TEST NUMBER: P232065

CATALOG NUMBER: FVS4WM-3-LD4-35-2LO-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°	13.1	19.8	27.0	35.2	44.0	53.8	63.5	73.7	82.6	91.3	99.7
115°	13.2	19.8	26.8	34.8	43.7	52.8	62.8	72.5	81.5	90.1	98.3
117.5°	13.1	19.6	27.1	34.8	43.5	52.3	61.7	71.1	80.1	88.3	96.4
120°	13.4	19.5	26.5	34.2	43.2	52.0	60.7	69.6	78.2	86.1	94.5
122.5°	13.2	19.4	26.4	34.0	42.1	50.7	59.7	68.0	76.5	84.3	92.4
125°	12.8	18.7	25.9	33.3	41.2	49.6	57.9	65.8	74.0	81.9	89.6
127.5°	12.3	18.5	25.3	32.9	40.6	48.1	55.9	63.7	71.6	79.0	86.4
130°	12.1	18.1	24.5	31.8	39.3	46.6	54.0	61.2	68.5	75.9	83.0
132.5°	12.1	17.5	23.8	30.3	37.5	44.7	51.5	58.4	65.3	72.4	79.4
135°	11.4	16.5	22.5	29.0	35.7	42.3	48.8	55.3	62.0	68.7	75.3
137.5°	10.8	15.9	21.3	27.4	33.5	39.7	45.9	52.2	58.5	64.9	71.3
140°	10.0	14.8	19.7	25.2	31.2	37.0	42.9	49.0	54.9	60.9	67.0
142.5°	9.4	13.8	18.8	23.7	29.0	34.6	40.4	45.8	51.2	56.8	62.3
145°	9.1	12.6	17.1	21.7	26.3	31.6	36.7	41.8	47.3	52.8	58.1
147.5°	8.3	11.3	15.2	19.5	24.0	28.4	33.7	38.9	43.8	48.4	53.5
150°	7.6	10.6	13.6	17.8	22.2	26.4	30.6	35.1	39.7	44.1	48.3
152.5°	6.7	9.6	12.5	15.2	19.4	23.4	27.3	31.2	35.3	39.3	43.3
155°	5.9	8.5	11.1	13.7	16.4	20.1	23.9	27.6	31.2	34.6	38.4
157.5°	4.6	7.1	9.7	12.3	14.9	17.5	20.8	24.0	27.1	30.3	33.4
160°	4.5	5.9	8.2	10.5	12.8	15.1	17.4	19.9	22.8	25.6	28.5
162.5°	4.1	4.8	6.3	8.4	10.5	12.6	14.6	16.6	18.5	20.7	23.2
165°	4.1	4.7	5.3	6.4	8.1	9.9	11.6	13.3	15.0	16.7	18.4
167.5°	3.5	4.1	4.7	5.3	5.9	7.1	8.6	10.1	11.6	13.0	14.4
170°	3.3	3.8	4.4	4.9	5.4	5.9	6.4	6.9	8.3	9.4	10.6
172.5°	2.9	3.3	3.7	4.2	4.5	4.9	5.3	5.7	6.1	6.4	6.8
175°	2.2	2.5	2.8	3.1	3.3	3.6	3.9	4.2	4.4	4.7	5.0
177.5°	1.6	1.7	1.9	2.1	2.2	2.4	2.5	2.7	2.8	2.9	3.1
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: P232065

CATALOG NUMBER: FVS4WM-3-LD4-35-2LO-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°	3.2	3.3	3.5	3.6	3.7	3.8	3.9	4.0	4.1	4.2	4.3
5°	5.2	5.5	5.7	6.0	6.2	6.5	6.7	6.9	7.1	7.3	7.5
7.5°	7.1	7.3	8.3	9.1	9.8	10.6	11.3	12.0	12.6	13.2	13.8
10°	11.8	12.8	13.9	14.8	15.8	16.7	17.6	18.4	19.2	20.0	20.8
12.5°	15.8	17.2	18.6	20.0	21.3	22.6	24.0	25.4	26.6	27.8	28.9
15°	20.0	21.8	23.8	25.7	27.7	29.6	31.5	33.4	35.2	36.6	37.9
17.5°	25.6	28.1	30.4	32.6	34.7	36.7	38.6	40.8	43.1	45.2	47.1
20°	31.2	34.0	36.7	39.2	42.0	44.5	46.9	49.3	51.7	54.0	56.1
22.5°	36.5	39.8	43.0	46.2	49.2	52.1	54.9	57.6	60.4	63.1	65.4
25°	42.0	45.7	49.3	52.8	56.3	59.7	62.8	65.8	68.8	71.7	74.5
27.5°	47.4	51.4	55.3	59.4	63.3	67.0	70.6	74.0	77.3	80.5	83.5
30°	52.5	57.1	61.5	65.8	70.2	74.4	78.3	81.9	85.4	88.8	92.2
32.5°	58.3	63.0	67.8	72.4	76.8	81.3	85.7	89.7	93.3	97.0	100.7
35°	63.3	68.5	73.6	78.5	83.3	88.2	92.9	97.3	101.3	105.0	108.8
37.5°	68.2	73.8	79.2	84.4	89.4	94.6	99.6	104.3	108.9	113.1	117.1
40°	73.0	79.1	84.8	90.1	95.5	101.2	106.5	111.1	115.9	120.5	124.7
42.5°	77.6	83.8	89.9	95.6	101.1	107.0	112.7	117.7	122.6	127.4	132.0
45°	81.8	88.4	95.0	100.9	107.0	112.6	118.4	124.1	129.1	134.0	138.8
47.5°	86.2	92.8	99.4	105.6	112.4	118.4	124.0	129.8	135.2	140.2	145.4
50°	90.0	97.1	104.3	110.4	116.6	123.2	129.5	135.6	141.3	146.3	151.5
52.5°	93.4	100.7	107.9	114.9	121.2	127.6	134.1	140.4	146.4	152.1	157.6
55°	96.9	104.4	111.7	118.7	125.5	132.1	138.7	145.1	151.3	157.3	163.0
57.5°	99.8	107.6	115.1	122.2	129.6	136.3	143.0	149.7	156.0	162.2	168.2
60°	102.5	110.2	118.4	125.5	132.7	139.9	147.1	154.1	160.4	166.4	172.4
62.5°	104.8	112.7	120.9	128.8	136.1	143.3	150.4	157.7	164.5	170.7	176.7
65°	106.8	115.1	123.1	131.1	139.2	146.8	153.9	161.0	168.1	174.4	180.7
67.5°	108.7	117.1	125.4	133.4	141.7	149.8	157.2	164.2	171.2	177.9	184.4
70°	110.0	118.6	127.3	135.6	144.1	152.5	159.9	166.9	173.6	180.2	186.8
72.5°	111.4	119.6	128.9	137.3	145.7	153.6	161.5	169.1	176.0	182.6	189.2
75°	112.7	121.0	130.2	138.9	147.1	154.9	162.9	170.7	177.8	184.6	191.5
77.5°	113.1	122.1	131.1	139.8	148.0	156.2	164.5	172.4	179.5	186.3	193.3
80°	113.1	122.4	131.8	140.5	148.7	157.2	165.2	173.0	180.7	187.7	194.5
82.5°	112.9	122.4	131.6	141.0	149.3	158.1	166.1	173.6	181.5	188.7	195.5
85°	112.9	122.3	131.6	140.8	149.5	158.4	166.5	174.5	181.9	189.2	196.5
87.5°	113.0	122.2	131.9	140.9	149.8	158.4	166.8	174.9	181.9	189.6	196.6
90°	112.8	122.6	132.3	141.3	150.2	158.3	167.2	175.3	181.8	190.0	196.5
92.5°	113.0	122.2	131.9	140.9	149.8	158.4	166.8	174.9	181.9	189.6	196.6
95°	112.9	122.3	131.6	140.8	149.5	158.4	166.5	174.5	181.9	189.2	196.5
97.5°	112.9	122.4	131.6	141.0	149.3	158.1	166.1	173.6	181.5	188.7	195.5
100°	113.1	122.4	131.8	140.5	148.7	157.2	165.2	173.0	180.7	187.7	194.5
102.5°	113.1	122.1	131.1	139.8	148.0	156.2	164.5	172.4	179.5	186.3	193.3
105°	112.7	121.0	130.2	138.9	147.1	154.9	162.9	170.7	177.8	184.6	191.5
107.5°	111.4	119.6	128.9	137.3	145.7	153.6	161.5	169.1	176.0	182.6	189.2
110°	110.0	118.6	127.3	135.6	144.1	152.5	159.9	166.9	173.6	180.2	186.8



TEST NUMBER: P232065

CATALOG NUMBER: FVS4WM-3-LD4-35-2LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	108.7	117.1	125.4	133.4	141.7	149.8	157.2	164.2	171.2	177.9	184.4
115°	106.8	115.1	123.1	131.1	139.2	146.8	153.9	161.0	168.1	174.4	180.7
117.5°	104.8	112.7	120.9	128.8	136.1	143.3	150.4	157.7	164.5	170.7	176.7
120°	102.5	110.2	118.4	125.5	132.7	139.9	147.1	154.1	160.4	166.4	172.4
122.5°	99.8	107.6	115.1	122.2	129.6	136.3	143.0	149.7	156.0	162.2	168.2
125°	96.9	104.4	111.7	118.7	125.5	132.1	138.7	145.1	151.3	157.3	163.0
127.5°	93.4	100.7	107.9	114.9	121.2	127.6	134.1	140.4	146.4	152.1	157.6
130°	90.0	97.1	104.3	110.4	116.6	123.2	129.5	135.6	141.3	146.3	151.5
132.5°	86.2	92.8	99.4	105.6	112.4	118.4	124.0	129.8	135.2	140.2	145.4
135°	81.8	88.4	95.0	100.9	107.0	112.6	118.4	124.1	129.1	134.0	138.8
137.5°	77.6	83.8	89.9	95.6	101.1	107.0	112.7	117.7	122.6	127.4	132.0
140°	73.0	79.1	84.8	90.1	95.5	101.2	106.5	111.1	115.9	120.5	124.7
142.5°	68.2	73.8	79.2	84.4	89.4	94.6	99.6	104.3	108.9	113.1	117.1
145°	63.3	68.5	73.6	78.5	83.3	88.2	92.9	97.3	101.3	105.0	108.8
147.5°	58.3	63.0	67.8	72.4	76.8	81.3	85.7	89.7	93.3	97.0	100.7
150°	52.5	57.1	61.5	65.8	70.2	74.4	78.3	81.9	85.4	88.8	92.2
152.5°	47.4	51.4	55.3	59.4	63.3	67.0	70.6	74.0	77.3	80.5	83.5
155°	42.0	45.7	49.3	52.8	56.3	59.7	62.8	65.8	68.8	71.7	74.5
157.5°	36.5	39.8	43.0	46.2	49.2	52.1	54.9	57.6	60.4	63.1	65.4
160°	31.2	34.0	36.7	39.2	42.0	44.5	46.9	49.3	51.7	54.0	56.1
162.5°	25.6	28.1	30.4	32.6	34.7	36.7	38.6	40.8	43.1	45.2	47.1
165°	20.0	21.8	23.8	25.7	27.7	29.6	31.5	33.4	35.2	36.6	37.9
167.5°	15.8	17.2	18.6	20.0	21.3	22.6	24.0	25.4	26.6	27.8	28.9
170°	11.8	12.8	13.9	14.8	15.8	16.7	17.6	18.4	19.2	20.0	20.8
172.5°	7.1	7.3	8.3	9.1	9.8	10.6	11.3	12.0	12.6	13.2	13.8
175°	5.2	5.5	5.7	6.0	6.2	6.5	6.7	6.9	7.1	7.3	7.5
177.5°	3.2	3.3	3.5	3.6	3.7	3.8	3.9	4.0	4.1	4.2	4.3
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232065

CATALOG NUMBER: FVS4WM-3-LD4-35-2LO-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°	4.4	4.5	4.5	4.6	4.7	4.7	4.8	4.8	4.8	4.9	5.2
5°	7.7	7.9	8.1	8.2	8.4	8.5	8.6	8.7	8.8	8.9	9.7
7.5°	14.3	14.8	15.3	15.8	16.2	16.6	17.0	17.3	17.6	17.9	18.9
10°	21.5	22.1	22.7	23.3	24.0	24.6	25.3	25.8	26.4	26.8	28.2
12.5°	30.0	31.0	32.0	32.9	33.6	34.5	35.4	36.1	36.8	37.4	39.1
15°	39.1	40.3	41.4	42.6	43.6	44.6	45.5	46.4	47.2	47.9	50.1
17.5°	48.7	50.2	51.6	53.0	54.3	55.4	56.5	57.5	58.5	59.3	62.0
20°	58.1	60.0	61.9	63.7	65.1	66.3	67.5	68.6	69.7	70.6	73.9
22.5°	67.6	69.7	71.8	73.8	75.6	77.0	78.2	79.5	80.8	82.0	85.3
25°	77.0	79.4	81.7	83.9	86.0	87.5	88.9	90.2	91.9	93.4	96.7
27.5°	86.3	89.0	91.5	93.8	96.0	97.9	99.4	100.9	102.7	104.4	108.4
30°	95.4	98.4	101.1	103.6	105.9	108.0	109.9	111.6	113.5	115.3	120.0
32.5°	104.2	107.5	110.5	113.2	115.6	117.8	119.8	121.6	123.6	125.5	130.6
35°	112.6	116.1	119.4	122.4	125.2	127.5	129.6	131.5	133.6	135.6	141.1
37.5°	120.9	124.5	127.9	131.2	134.3	136.6	138.8	140.7	143.0	145.4	150.9
40°	128.7	132.3	136.2	139.8	142.9	145.6	147.9	149.9	152.4	155.1	160.7
42.5°	136.4	140.2	143.9	147.8	151.0	153.9	156.3	158.6	161.0	163.6	169.8
45°	143.3	147.5	151.6	155.1	158.8	162.1	164.5	167.2	169.7	172.1	178.9
47.5°	150.2	154.6	158.9	162.6	166.2	169.7	172.0	174.7	177.5	180.2	187.3
50°	156.5	160.9	165.6	169.9	173.7	177.1	179.5	182.2	185.2	188.3	195.7
52.5°	162.8	167.3	171.9	176.3	180.2	183.7	186.6	189.2	192.0	195.2	202.9
55°	168.2	173.2	177.9	182.3	186.3	190.2	193.5	196.2	198.8	202.1	210.1
57.5°	173.6	178.7	183.6	188.0	192.0	196.0	199.3	202.0	204.8	208.2	216.4
60°	178.2	183.7	188.9	193.5	197.8	201.8	205.1	207.7	210.8	214.3	222.7
62.5°	182.5	188.2	193.3	198.2	202.6	206.5	210.0	212.8	215.6	219.6	228.2
65°	186.6	192.0	197.4	202.6	207.1	211.2	214.9	217.9	220.4	224.9	233.6
67.5°	190.4	195.7	201.1	206.3	211.0	215.1	218.8	221.9	224.4	229.0	237.9
70°	193.2	199.1	204.5	209.7	214.8	218.9	222.7	225.9	228.4	233.0	242.1
72.5°	195.8	201.9	207.3	212.4	217.7	221.7	225.5	228.7	231.5	235.9	245.1
75°	198.1	204.3	209.8	214.9	220.3	224.4	228.3	231.6	234.7	238.7	248.4
77.5°	199.9	206.0	211.6	216.8	222.3	226.4	230.7	233.5	236.7	240.7	250.4
80°	201.5	207.3	213.0	218.6	224.2	228.3	233.0	235.5	238.8	242.7	252.5
82.5°	202.4	208.4	214.1	219.8	225.0	229.4	233.9	236.7	239.5	244.0	253.3
85°	203.0	209.4	215.1	220.8	225.8	230.5	234.6	237.9	240.3	245.2	254.1
87.5°	203.0	209.4	215.5	220.8	226.1	230.5	235.0	238.3	240.7	245.6	254.9
90°	202.9	209.4	215.9	220.8	226.5	230.5	235.4	238.7	241.1	246.0	255.7
92.5°	203.0	209.4	215.5	220.8	226.1	230.5	235.0	238.3	240.7	245.6	254.9
95°	203.0	209.4	215.1	220.8	225.8	230.5	234.6	237.9	240.3	245.2	254.1
97.5°	202.4	208.4	214.1	219.8	225.0	229.4	233.9	236.7	239.5	244.0	253.3
100°	201.5	207.3	213.0	218.6	224.2	228.3	233.0	235.5	238.8	242.7	252.5
102.5°	199.9	206.0	211.6	216.8	222.3	226.4	230.7	233.5	236.7	240.7	250.4
105°	198.1	204.3	209.8	214.9	220.3	224.4	228.3	231.6	234.7	238.7	248.4
107.5°	195.8	201.9	207.3	212.4	217.7	221.7	225.5	228.7	231.5	235.9	245.1
110°	193.2	199.1	204.5	209.7	214.8	218.9	222.7	225.9	228.4	233.0	242.1



TEST NUMBER: P232065

CATALOG NUMBER: FVS4WM-3-LD4-35-2LO-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°	190.4	195.7	201.1	206.3	211.0	215.1	218.8	221.9	224.4	229.0	237.9
115°	186.6	192.0	197.4	202.6	207.1	211.2	214.9	217.9	220.4	224.9	233.6
117.5°	182.5	188.2	193.3	198.2	202.6	206.5	210.0	212.8	215.6	219.6	228.2
120°	178.2	183.7	188.9	193.5	197.8	201.8	205.1	207.7	210.8	214.3	222.7
122.5°	173.6	178.7	183.6	188.0	192.0	196.0	199.3	202.0	204.8	208.2	216.4
125°	168.2	173.2	177.9	182.3	186.3	190.2	193.5	196.2	198.8	202.1	210.1
127.5°	162.8	167.3	171.9	176.3	180.2	183.7	186.6	189.2	192.0	195.2	202.9
130°	156.5	160.9	165.6	169.9	173.7	177.1	179.5	182.2	185.2	188.3	195.7
132.5°	150.2	154.6	158.9	162.6	166.2	169.7	172.0	174.7	177.5	180.2	187.3
135°	143.3	147.5	151.6	155.1	158.8	162.1	164.5	167.2	169.7	172.1	178.9
137.5°	136.4	140.2	143.9	147.8	151.0	153.9	156.3	158.6	161.0	163.6	169.8
140°	128.7	132.3	136.2	139.8	142.9	145.6	147.9	149.9	152.4	155.1	160.7
142.5°	120.9	124.5	127.9	131.2	134.3	136.6	138.8	140.7	143.0	145.4	150.9
145°	112.6	116.1	119.4	122.4	125.2	127.5	129.6	131.5	133.6	135.6	141.1
147.5°	104.2	107.5	110.5	113.2	115.6	117.8	119.8	121.6	123.6	125.5	130.6
150°	95.4	98.4	101.1	103.6	105.9	108.0	109.9	111.6	113.5	115.3	120.0
152.5°	86.3	89.0	91.5	93.8	96.0	97.9	99.4	100.9	102.7	104.4	108.4
155°	77.0	79.4	81.7	83.9	86.0	87.5	88.9	90.2	91.9	93.4	96.7
157.5°	67.6	69.7	71.8	73.8	75.6	77.0	78.2	79.5	80.8	82.0	85.3
160°	58.1	60.0	61.9	63.7	65.1	66.3	67.5	68.6	69.7	70.6	73.9
162.5°	48.7	50.2	51.6	53.0	54.3	55.4	56.5	57.5	58.5	59.3	62.0
165°	39.1	40.3	41.4	42.6	43.6	44.6	45.5	46.4	47.2	47.9	50.1
167.5°	30.0	31.0	32.0	32.9	33.6	34.5	35.4	36.1	36.8	37.4	39.1
170°	21.5	22.1	22.7	23.3	24.0	24.6	25.3	25.8	26.4	26.8	28.2
172.5°	14.3	14.8	15.3	15.8	16.2	16.6	17.0	17.3	17.6	17.9	18.9
175°	7.7	7.9	8.1	8.2	8.4	8.5	8.6	8.7	8.8	8.9	9.7
177.5°	4.4	4.5	4.5	4.6	4.7	4.7	4.8	4.8	4.8	4.9	5.2
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232065

CATALOG NUMBER: FVS4WM-3-LD4-35-2LO-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°	5.6	6.0	6.3	6.7	7.0	7.4	7.7	8.0	8.3	8.5	8.8
5°	10.4	11.2	11.9	12.6	13.3	13.9	14.6	15.2	15.7	16.3	16.8
7.5°	20.0	21.0	21.9	22.8	23.6	24.4	25.3	27.2	28.9	30.6	32.1
10°	29.5	30.7	31.9	33.0	34.4	37.2	39.9	42.4	44.9	47.2	49.5
12.5°	40.8	42.4	43.9	46.0	49.4	52.7	55.9	58.9	62.4	66.3	70.0
15°	52.3	54.3	56.4	60.4	64.3	68.1	72.0	77.6	82.9	87.9	93.2
17.5°	64.6	67.0	70.9	75.6	80.0	84.9	91.6	98.0	104.3	110.2	115.8
20°	77.0	80.1	85.5	90.8	96.1	103.7	111.1	118.2	125.6	132.6	139.1
22.5°	88.5	92.9	99.2	105.2	113.4	122.1	130.4	139.0	147.4	155.7	164.8
25°	99.9	105.6	112.8	120.5	130.8	140.7	150.4	159.9	169.7	180.5	190.8
27.5°	112.1	119.4	127.2	137.0	147.8	158.8	169.8	180.7	193.5	205.8	216.6
30°	124.6	133.3	141.9	152.9	164.5	176.6	188.9	202.5	216.0	228.5	240.2
32.5°	136.1	145.4	155.4	167.5	180.3	194.3	208.6	223.3	237.4	250.6	264.3
35°	147.5	157.2	168.8	182.0	196.7	212.5	227.3	242.9	258.3	273.3	288.7
37.5°	158.3	169.1	182.2	196.3	212.3	228.7	245.5	262.6	280.9	295.9	312.0
40°	169.1	181.1	195.5	210.7	227.2	245.3	263.7	282.1	299.9	317.1	334.7
42.5°	179.2	191.7	207.2	223.9	241.5	261.4	281.4	301.3	319.4	337.9	356.5
45°	189.1	202.5	218.4	236.6	255.9	276.3	298.2	318.9	338.1	357.8	377.2
47.5°	198.6	213.0	229.1	248.8	269.7	291.4	314.7	336.0	356.3	377.8	396.9
50°	208.1	223.3	239.8	260.6	283.4	306.2	329.0	351.0	372.9	394.5	415.8
52.5°	215.7	231.5	249.7	271.7	295.8	319.6	342.8	365.9	389.3	411.4	433.1
55°	223.0	239.5	259.3	282.5	307.0	332.4	356.7	380.3	403.8	427.2	450.1
57.5°	230.0	247.3	268.2	292.2	317.1	344.3	369.4	393.6	417.9	442.7	467.3
60°	236.9	254.9	276.8	301.2	326.7	355.0	380.6	406.4	432.1	456.9	480.2
62.5°	242.7	262.1	284.7	309.7	336.6	364.7	391.2	418.6	445.5	469.6	493.1
65°	248.3	269.3	292.3	318.3	346.0	373.7	401.1	428.1	455.7	481.1	505.2
67.5°	253.0	274.5	298.5	325.6	353.7	381.9	410.0	437.4	465.2	492.1	515.6
70°	257.6	279.4	304.5	332.4	360.5	389.2	418.2	446.4	473.8	500.5	526.2
72.5°	261.3	283.4	308.8	337.4	366.6	395.8	425.1	454.1	481.5	509.1	536.2
75°	265.0	287.2	312.7	341.7	372.4	401.8	430.7	460.7	488.7	515.8	542.5
77.5°	267.8	290.5	316.3	345.9	376.4	406.0	435.7	466.1	494.2	521.3	548.4
80°	271.1	293.5	319.7	349.7	379.4	409.5	440.3	470.1	497.7	525.7	553.0
82.5°	271.9	295.5	323.0	351.7	381.9	411.7	443.6	472.5	500.7	529.0	556.4
85°	272.8	296.3	324.7	353.9	384.7	414.0	447.1	474.9	503.4	531.1	558.6
87.5°	273.2	295.9	323.9	353.9	385.6	414.8	446.9	475.6	504.5	533.6	560.1
90°	273.6	295.5	323.1	353.9	386.4	415.6	446.5	476.5	504.1	535.0	560.1
92.5°	273.2	295.9	323.9	353.9	385.6	414.8	446.9	475.6	504.5	533.6	560.1
95°	272.8	296.3	324.7	353.9	384.7	414.0	447.1	474.9	503.4	531.1	558.6
97.5°	271.9	295.5	323.0	351.7	381.9	411.7	443.6	472.5	500.7	529.0	556.4
100°	271.1	293.5	319.7	349.7	379.4	409.5	440.3	470.1	497.7	525.7	553.0
102.5°	267.8	290.5	316.3	345.9	376.4	406.0	435.7	466.1	494.2	521.3	548.4
105°	265.0	287.2	312.7	341.7	372.4	401.8	430.7	460.7	488.7	515.8	542.5
107.5°	261.3	283.4	308.8	337.4	366.6	395.8	425.1	454.1	481.5	509.1	536.2
110°	257.6	279.4	304.5	332.4	360.5	389.2	418.2	446.4	473.8	500.5	526.2



TEST NUMBER: P232065

CATALOG NUMBER: FVS4WM-3-LD4-35-2LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	253.0	274.5	298.5	325.6	353.7	381.9	410.0	437.4	465.2	492.1	515.6
115°	248.3	269.3	292.3	318.3	346.0	373.7	401.1	428.1	455.7	481.1	505.2
117.5°	242.7	262.1	284.7	309.7	336.6	364.7	391.2	418.6	445.5	469.6	493.1
120°	236.9	254.9	276.8	301.2	326.7	355.0	380.6	406.4	432.1	456.9	480.2
122.5°	230.0	247.3	268.2	292.2	317.1	344.3	369.4	393.6	417.9	442.7	467.3
125°	223.0	239.5	259.3	282.5	307.0	332.4	356.7	380.3	403.8	427.2	450.1
127.5°	215.7	231.5	249.7	271.7	295.8	319.6	342.8	365.9	389.3	411.4	433.1
130°	208.1	223.3	239.8	260.6	283.4	306.2	329.0	351.0	372.9	394.5	415.8
132.5°	198.6	213.0	229.1	248.8	269.7	291.4	314.7	336.0	356.3	377.8	396.9
135°	189.1	202.5	218.4	236.6	255.9	276.3	298.2	318.9	338.1	357.8	377.2
137.5°	179.2	191.7	207.2	223.9	241.5	261.4	281.4	301.3	319.4	337.9	356.5
140°	169.1	181.1	195.5	210.7	227.2	245.3	263.7	282.1	299.9	317.1	334.7
142.5°	158.3	169.1	182.2	196.3	212.3	228.7	245.5	262.6	280.9	295.9	312.0
145°	147.5	157.2	168.8	182.0	196.7	212.5	227.3	242.9	258.3	273.3	288.7
147.5°	136.1	145.4	155.4	167.5	180.3	194.3	208.6	223.3	237.4	250.6	264.3
150°	124.6	133.3	141.9	152.9	164.5	176.6	188.9	202.5	216.0	228.5	240.2
152.5°	112.1	119.4	127.2	137.0	147.8	158.8	169.8	180.7	193.5	205.8	216.6
155°	99.9	105.6	112.8	120.5	130.8	140.7	150.4	159.9	169.7	180.5	190.8
157.5°	88.5	92.9	99.2	105.2	113.4	122.1	130.4	139.0	147.4	155.7	164.8
160°	77.0	80.1	85.5	90.8	96.1	103.7	111.1	118.2	125.6	132.6	139.1
162.5°	64.6	67.0	70.9	75.6	80.0	84.9	91.6	98.0	104.3	110.2	115.8
165°	52.3	54.3	56.4	60.4	64.3	68.1	72.0	77.6	82.9	87.9	93.2
167.5°	40.8	42.4	43.9	46.0	49.4	52.7	55.9	58.9	62.4	66.3	70.0
170°	29.5	30.7	31.9	33.0	34.4	37.2	39.9	42.4	44.9	47.2	49.5
172.5°	20.0	21.0	21.9	22.8	23.6	24.4	25.3	27.2	28.9	30.6	32.1
175°	10.4	11.2	11.9	12.6	13.3	13.9	14.6	15.2	15.7	16.3	16.8
177.5°	5.6	6.0	6.3	6.7	7.0	7.4	7.7	8.0	8.3	8.5	8.8
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: P232065

CATALOG NUMBER: FVS4WM-3-LD4-35-2LO-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°	9.0	9.2	9.5	9.6	9.8	10.0	10.1	10.2	10.4	10.4	10.5
5°	17.9	19.0	20.1	21.1	22.1	23.0	23.8	24.6	25.3	26.0	26.6
7.5°	33.6	34.9	36.1	37.2	38.3	40.0	41.1	43.1	44.8	46.4	47.8
10°	52.1	54.9	57.5	59.9	62.2	64.3	66.3	68.4	70.6	72.5	74.2
12.5°	73.4	76.5	79.5	83.6	87.4	91.0	94.3	97.3	99.9	102.6	105.2
15°	97.3	101.9	106.5	110.8	115.1	119.6	123.6	127.5	131.3	134.7	138.0
17.5°	121.1	127.1	132.6	138.7	144.4	149.6	154.7	159.7	164.2	168.3	172.0
20°	146.6	154.0	161.0	167.9	174.7	181.5	187.7	193.3	198.3	202.9	207.1
22.5°	173.4	182.0	190.8	199.1	207.1	213.5	219.8	225.7	231.5	236.9	241.4
25°	200.8	210.8	222.0	229.2	237.0	244.4	252.0	259.3	266.1	271.9	276.3
27.5°	227.1	237.8	248.4	258.1	267.2	276.0	285.8	291.8	298.4	304.2	309.6
30°	252.5	265.3	277.2	287.9	298.1	307.0	315.3	323.2	330.6	337.4	344.5
32.5°	278.5	292.0	304.6	316.5	326.6	335.9	345.4	354.4	362.5	369.6	376.5
35°	303.6	317.6	331.2	344.0	355.2	365.4	375.6	385.1	393.9	401.6	408.0
37.5°	327.9	343.1	358.0	371.5	382.6	393.9	405.4	415.5	424.2	433.5	439.0
40°	351.9	367.7	382.6	395.9	409.1	422.8	434.4	444.3	453.4	461.6	469.0
42.5°	374.1	390.9	406.2	420.7	435.1	448.4	460.5	471.5	482.4	490.3	499.0
45°	396.0	413.1	429.5	445.4	459.6	473.3	486.0	497.7	508.4	517.6	525.7
47.5°	416.2	434.3	452.3	468.6	482.8	497.0	510.7	523.7	534.5	543.6	552.0
50°	435.8	454.8	473.1	489.6	504.9	519.8	533.6	546.7	559.4	568.3	577.0
52.5°	454.2	474.1	492.6	510.0	526.3	541.2	555.6	569.8	580.5	591.0	600.7
55°	471.9	492.1	511.4	528.5	545.7	562.5	577.2	590.0	601.8	612.8	622.0
57.5°	487.0	508.2	528.0	547.2	565.0	581.1	596.2	609.9	621.7	632.8	643.0
60°	501.2	525.3	544.9	563.9	581.8	598.3	613.7	627.7	640.3	652.2	662.9
62.5°	516.3	539.2	559.7	579.4	597.7	614.3	629.9	644.8	657.5	669.4	680.4
65°	529.1	552.1	573.3	593.1	611.9	629.0	645.1	660.0	673.2	685.2	696.8
67.5°	539.8	564.2	585.4	605.8	625.0	642.7	659.0	673.7	687.6	699.9	711.4
70°	550.2	575.1	596.1	617.7	637.1	655.0	671.1	685.8	700.1	712.7	724.7
72.5°	559.7	583.1	605.9	627.5	647.1	666.6	682.6	697.4	711.9	724.9	736.9
75°	566.9	590.6	614.0	635.4	655.0	674.1	691.0	707.3	722.4	735.1	746.8
77.5°	573.0	597.3	620.1	642.0	662.4	680.9	698.4	714.8	729.1	743.2	755.6
80°	577.8	602.4	625.1	647.2	668.0	686.5	704.2	720.5	735.6	749.6	762.3
82.5°	581.7	606.3	629.2	650.8	672.2	691.0	708.0	725.0	740.2	754.1	767.1
85°	584.4	608.2	632.0	653.3	674.0	693.2	710.7	727.7	742.5	757.2	769.5
87.5°	585.8	610.3	634.3	655.4	675.9	694.9	712.9	729.4	743.7	758.9	771.1
90°	585.3	611.3	634.8	655.9	677.0	694.9	713.6	730.6	744.4	758.2	770.4
92.5°	585.8	610.3	634.3	655.4	675.9	694.9	712.9	729.4	743.7	758.9	771.1
95°	584.4	608.2	632.0	653.3	674.0	693.2	710.7	727.7	742.5	757.2	769.5
97.5°	581.7	606.3	629.2	650.8	672.2	691.0	708.0	725.0	740.2	754.1	767.1
100°	577.8	602.4	625.1	647.2	668.0	686.5	704.2	720.5	735.6	749.6	762.3
102.5°	573.0	597.3	620.1	642.0	662.4	680.9	698.4	714.8	729.1	743.2	755.6
105°	566.9	590.6	614.0	635.4	655.0	674.1	691.0	707.3	722.4	735.1	746.8
107.5°	559.7	583.1	605.9	627.5	647.1	666.6	682.6	697.4	711.9	724.9	736.9
110°	550.2	575.1	596.1	617.7	637.1	655.0	671.1	685.8	700.1	712.7	724.7



TEST NUMBER: P232065

CATALOG NUMBER: FVS4WM-3-LD4-35-2LO-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°	539.8	564.2	585.4	605.8	625.0	642.7	659.0	673.7	687.6	699.9	711.4
115°	529.1	552.1	573.3	593.1	611.9	629.0	645.1	660.0	673.2	685.2	696.8
117.5°	516.3	539.2	559.7	579.4	597.7	614.3	629.9	644.8	657.5	669.4	680.4
120°	501.2	525.3	544.9	563.9	581.8	598.3	613.7	627.7	640.3	652.2	662.9
122.5°	487.0	508.2	528.0	547.2	565.0	581.1	596.2	609.9	621.7	632.8	643.0
125°	471.9	492.1	511.4	528.5	545.7	562.5	577.2	590.0	601.8	612.8	622.0
127.5°	454.2	474.1	492.6	510.0	526.3	541.2	555.6	569.8	580.5	591.0	600.7
130°	435.8	454.8	473.1	489.6	504.9	519.8	533.6	546.7	559.4	568.3	577.0
132.5°	416.2	434.3	452.3	468.6	482.8	497.0	510.7	523.7	534.5	543.6	552.0
135°	396.0	413.1	429.5	445.4	459.6	473.3	486.0	497.7	508.4	517.6	525.7
137.5°	374.1	390.9	406.2	420.7	435.1	448.4	460.5	471.5	482.4	490.3	499.0
140°	351.9	367.7	382.6	395.9	409.1	422.8	434.4	444.3	453.4	461.6	469.0
142.5°	327.9	343.1	358.0	371.5	382.6	393.9	405.4	415.5	424.2	433.5	439.0
145°	303.6	317.6	331.2	344.0	355.2	365.4	375.6	385.1	393.9	401.6	408.0
147.5°	278.5	292.0	304.6	316.5	326.6	335.9	345.4	354.4	362.5	369.6	376.5
150°	252.5	265.3	277.2	287.9	298.1	307.0	315.3	323.2	330.6	337.4	344.5
152.5°	227.1	237.8	248.4	258.1	267.2	276.0	285.8	291.8	298.4	304.2	309.6
155°	200.8	210.8	222.0	229.2	237.0	244.4	252.0	259.3	266.1	271.9	276.3
157.5°	173.4	182.0	190.8	199.1	207.1	213.5	219.8	225.7	231.5	236.9	241.4
160°	146.6	154.0	161.0	167.9	174.7	181.5	187.7	193.3	198.3	202.9	207.1
162.5°	121.1	127.1	132.6	138.7	144.4	149.6	154.7	159.7	164.2	168.3	172.0
165°	97.3	101.9	106.5	110.8	115.1	119.6	123.6	127.5	131.3	134.7	138.0
167.5°	73.4	76.5	79.5	83.6	87.4	91.0	94.3	97.3	99.9	102.6	105.2
170°	52.1	54.9	57.5	59.9	62.2	64.3	66.3	68.4	70.6	72.5	74.2
172.5°	33.6	34.9	36.1	37.2	38.3	40.0	41.1	43.1	44.8	46.4	47.8
175°	17.9	19.0	20.1	21.1	22.1	23.0	23.8	24.6	25.3	26.0	26.6
177.5°	9.0	9.2	9.5	9.6	9.8	10.0	10.1	10.2	10.4	10.4	10.5
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: P232065

CATALOG NUMBER: FVS4WM-3-LD4-35-2LO-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°	10.6	10.6	10.6	10.6	10.6	10.5	10.8	10.6	10.4	10.2	10.1
5°	27.2	27.6	28.1	28.4	28.7	28.9	29.0	29.1	29.7	29.4	29.0
7.5°	49.0	50.1	51.1	51.9	52.5	53.0	53.3	53.4	53.4	53.9	53.3
10°	75.5	77.4	79.1	80.5	81.8	82.8	83.6	84.2	84.5	85.7	85.0
12.5°	107.5	109.5	111.2	112.9	114.7	116.2	117.3	118.1	118.6	118.6	119.0
15°	141.0	143.6	145.6	147.2	148.4	149.8	151.2	152.3	152.9	153.2	154.0
17.5°	175.4	178.4	181.0	183.0	184.6	185.7	186.8	188.0	188.6	188.7	189.2
20°	210.8	214.1	216.8	219.2	221.2	222.9	224.3	225.4	226.1	226.3	227.1
22.5°	245.0	247.7	250.4	254.2	257.1	259.0	259.9	260.0	261.0	261.8	263.3
25°	280.7	284.9	288.9	291.7	293.7	295.1	296.0	296.2	296.4	297.1	297.1
27.5°	314.8	319.5	323.3	326.1	327.7	330.0	331.3	331.9	331.9	332.8	333.3
30°	349.0	353.5	357.4	360.5	362.6	364.1	365.7	366.5	366.3	366.3	366.3
32.5°	382.2	386.9	390.7	394.3	396.5	397.6	398.4	399.5	399.9	399.8	399.8
35°	413.8	418.9	422.9	425.9	428.1	429.6	430.2	431.2	431.2	430.1	430.4
37.5°	444.9	450.2	454.6	458.0	460.4	462.0	462.6	462.6	462.3	460.9	460.6
40°	475.9	481.8	486.1	489.2	491.4	492.8	493.3	492.6	492.2	491.4	490.6
42.5°	505.7	511.0	515.4	518.5	521.0	522.8	522.8	521.9	520.8	519.7	517.8
45°	532.8	538.5	542.9	546.4	549.2	551.7	550.4	549.5	547.9	547.2	545.6
47.5°	559.5	565.1	569.9	573.8	576.0	576.7	576.5	576.1	574.6	573.3	571.5
50°	584.0	590.2	596.4	600.4	602.6	604.0	604.2	603.0	600.6	598.4	597.1
52.5°	608.2	616.8	622.2	625.7	627.9	628.8	629.1	627.8	625.6	623.2	622.0
55°	629.8	638.3	644.2	647.7	650.0	651.9	652.5	651.2	649.0	646.4	645.0
57.5°	652.1	659.3	664.5	669.4	673.5	674.8	675.3	674.1	671.2	668.3	666.4
60°	671.6	678.7	685.4	690.7	694.5	696.3	696.8	696.0	693.0	689.6	686.7
62.5°	689.2	697.7	704.8	710.5	714.1	715.4	716.4	715.8	713.0	709.3	706.0
65°	706.1	714.6	722.0	727.3	731.9	734.1	734.5	733.7	731.4	727.0	724.1
67.5°	722.0	730.4	737.5	742.9	747.5	750.3	751.1	750.4	748.2	743.9	740.0
70°	734.7	743.9	751.3	757.2	761.8	765.2	766.1	765.5	763.9	759.6	754.5
72.5°	747.0	756.4	764.4	769.3	773.9	777.2	778.8	778.6	777.0	772.9	767.8
75°	757.6	766.8	774.4	780.1	784.7	787.3	788.7	789.6	788.1	785.0	779.7
77.5°	766.5	775.6	782.6	788.6	792.8	795.7	797.2	798.1	797.4	795.3	789.9
80°	773.3	782.6	789.7	796.1	800.2	802.7	804.1	804.4	803.9	802.8	798.7
82.5°	778.3	787.1	794.7	800.9	805.1	807.5	809.0	809.1	808.3	806.7	805.7
85°	780.9	789.9	797.8	803.4	807.6	810.3	811.7	812.0	811.0	809.6	807.9
87.5°	782.6	791.1	798.6	803.7	807.8	810.5	811.6	812.0	811.1	809.4	807.7
90°	782.6	790.7	798.0	803.7	806.9	809.4	810.2	810.2	808.5	805.3	802.0
92.5°	782.6	791.1	798.6	803.7	807.8	810.5	811.6	812.0	811.1	809.4	807.7
95°	780.9	789.9	797.8	803.4	807.6	810.3	811.7	812.0	811.0	809.6	807.9
97.5°	778.3	787.1	794.7	800.9	805.1	807.5	809.0	809.1	808.3	806.7	805.7
100°	773.3	782.6	789.7	796.1	800.2	802.7	804.1	804.4	803.9	802.8	798.7
102.5°	766.5	775.6	782.6	788.6	792.8	795.7	797.2	798.1	797.4	795.3	789.9
105°	757.6	766.8	774.4	780.1	784.7	787.3	788.7	789.6	788.1	785.0	779.7
107.5°	747.0	756.4	764.4	769.3	773.9	777.2	778.8	778.6	777.0	772.9	767.8
110°	734.7	743.9	751.3	757.2	761.8	765.2	766.1	765.5	763.9	759.6	754.5



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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°	722.0	730.4	737.5	742.9	747.5	750.3	751.1	750.4	748.2	743.9	740.0
115°	706.1	714.6	722.0	727.3	731.9	734.1	734.5	733.7	731.4	727.0	724.1
117.5°	689.2	697.7	704.8	710.5	714.1	715.4	716.4	715.8	713.0	709.3	706.0
120°	671.6	678.7	685.4	690.7	694.5	696.3	696.8	696.0	693.0	689.6	686.7
122.5°	652.1	659.3	664.5	669.4	673.5	674.8	675.3	674.1	671.2	668.3	666.4
125°	629.8	638.3	644.2	647.7	650.0	651.9	652.5	651.2	649.0	646.4	645.0
127.5°	608.2	616.8	622.2	625.7	627.9	628.8	629.1	627.8	625.6	623.2	622.0
130°	584.0	590.2	596.4	600.4	602.6	604.0	604.2	603.0	600.6	598.4	597.1
132.5°	559.5	565.1	569.9	573.8	576.0	576.7	576.5	576.1	574.6	573.3	571.5
135°	532.8	538.5	542.9	546.4	549.2	551.7	550.4	549.5	547.9	547.2	545.6
137.5°	505.7	511.0	515.4	518.5	521.0	522.8	522.8	521.9	520.8	519.7	517.8
140°	475.9	481.8	486.1	489.2	491.4	492.8	493.3	492.6	492.2	491.4	490.6
142.5°	444.9	450.2	454.6	458.0	460.4	462.0	462.6	462.6	462.3	460.9	460.6
145°	413.8	418.9	422.9	425.9	428.1	429.6	430.2	431.2	431.2	430.1	430.4
147.5°	382.2	386.9	390.7	394.3	396.5	397.6	398.4	399.5	399.9	399.8	399.8
150°	349.0	353.5	357.4	360.5	362.6	364.1	365.7	366.5	366.3	366.3	366.3
152.5°	314.8	319.5	323.3	326.1	327.7	330.0	331.3	331.9	331.9	332.8	333.3
155°	280.7	284.9	288.9	291.7	293.7	295.1	296.0	296.2	296.4	297.1	297.1
157.5°	245.0	247.7	250.4	254.2	257.1	259.0	259.9	260.0	261.0	261.8	263.3
160°	210.8	214.1	216.8	219.2	221.2	222.9	224.3	225.4	226.1	226.3	227.1
162.5°	175.4	178.4	181.0	183.0	184.6	185.7	186.8	188.0	188.6	188.7	189.2
165°	141.0	143.6	145.6	147.2	148.4	149.8	151.2	152.3	152.9	153.2	154.0
167.5°	107.5	109.5	111.2	112.9	114.7	116.2	117.3	118.1	118.6	118.6	119.0
170°	75.5	77.4	79.1	80.5	81.8	82.8	83.6	84.2	84.5	85.7	85.0
172.5°	49.0	50.1	51.1	51.9	52.5	53.0	53.3	53.4	53.4	53.9	53.3
175°	27.2	27.6	28.1	28.4	28.7	28.9	29.0	29.1	29.7	29.4	29.0
177.5°	10.6	10.6	10.6	10.6	10.6	10.5	10.8	10.6	10.4	10.2	10.1
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	0.8	0.8
2.5°	9.9	9.7
5°	28.7	28.4
7.5°	52.6	52.0
10°	84.3	83.6
12.5°	118.0	116.9
15°	152.9	151.8
17.5°	187.6	185.9
20°	225.1	223.2
22.5°	261.9	260.6
25°	296.6	294.7
27.5°	333.5	332.0
30°	365.8	363.7
32.5°	399.3	397.0
35°	430.8	429.4
37.5°	461.0	459.5
40°	490.8	488.7
42.5°	517.7	515.5
45°	545.9	543.9
47.5°	572.4	571.5
50°	596.6	594.2
52.5°	621.8	620.2
55°	644.9	643.7
57.5°	666.3	665.7
60°	686.6	685.1
62.5°	704.6	705.4
65°	723.4	723.3
67.5°	739.0	739.5
70°	752.8	754.2
72.5°	766.2	767.1
75°	777.0	779.3
77.5°	786.1	789.9
80°	794.5	797.2
82.5°	801.3	803.7
85°	807.5	807.7
87.5°	808.5	811.0
90°	799.6	806.9
92.5°	808.5	811.0
95°	807.5	807.7
97.5°	801.3	803.7
100°	794.5	797.2
102.5°	786.1	789.9
105°	777.0	779.3
107.5°	766.2	767.1
110°	752.8	754.2



TEST NUMBER: P232065

CATALOG NUMBER: FVS4WM-3-LD4-35-2LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	739.0	739.5
115°	723.4	723.3
117.5°	704.6	705.4
120°	686.6	685.1
122.5°	666.3	665.7
125°	644.9	643.7
127.5°	621.8	620.2
130°	596.6	594.2
132.5°	572.4	571.5
135°	545.9	543.9
137.5°	517.7	515.5
140°	490.8	488.7
142.5°	461.0	459.5
145°	430.8	429.4
147.5°	399.3	397.0
150°	365.8	363.7
152.5°	333.5	332.0
155°	296.6	294.7
157.5°	261.9	260.6
160°	225.1	223.2
162.5°	187.6	185.9
165°	152.9	151.8
167.5°	118.0	116.9
170°	84.3	83.6
172.5°	52.6	52.0
175°	28.7	28.4
177.5°	9.9	9.7
180°	0.0	0.0

(END OF REPORT)