

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: P232066

Luminaire Tested: **FVS4WM-3-LD4-40-2LO-PFS125-UNV-EDC1**

Issue Date: 3/3/2020



Test Information

Test Method: LM-79-08
Report Number: P232066
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-LD4-40-2LO-PFS125-UNV-EDC1
Description: FAILSAFE FVS LED FIXTURE
3FT LENGTH, 2-MODULE LED WITH PFS125 LENS
Light Source: (168) 4000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

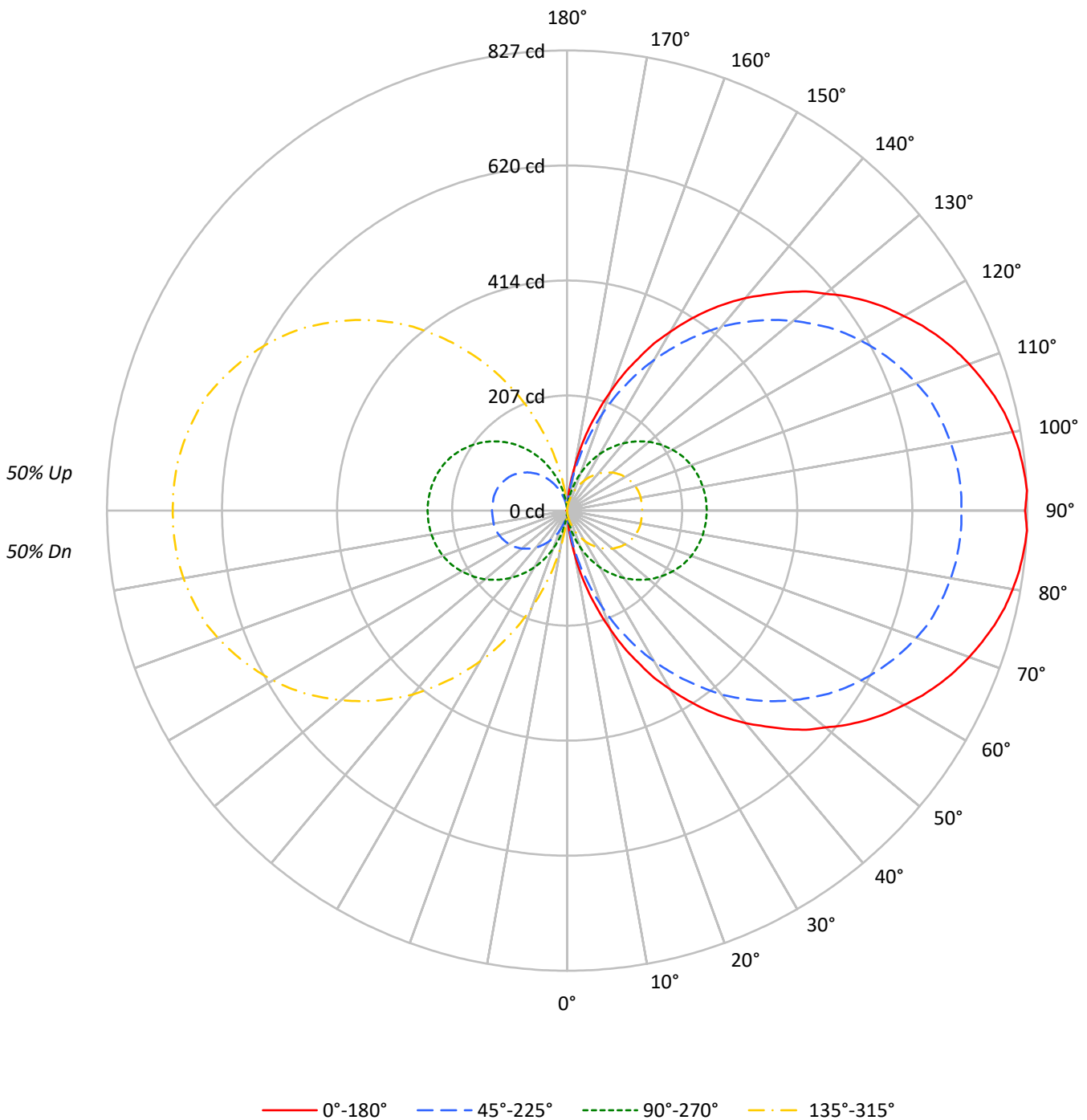
Lumens per Lamp: N/A
Luminaire Lumens: 3706.8 lumens
Efficiency: N/A
Efficacy: 65.3 lumens/watt
Spacing Criteria (0/90/45): 20.08 / 16.95 / 18.18
Luminous Opening: Rectangular w/ Sides (W: 2.92' x L: 0.19' x H: 0.31')
CIE Type: General Diffuse

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°	500	178	14	178
10°	1318	536	12	536
15°	2182	969	11	969
20°	2969	1451	10	1451
25°	3673	1969	10	1969
30°	4297	2517	9	2517
35°	4858	3091	9	3091
40°	5340	3729	9	3729
45°	5791	4415	8	4415
50°	6216	5216	8	5216
55°	6667	6137	8	6137
60°	7078	7258	8	7258
65°	7512	8688	8	8688
70°	7935	10568	8	10568
75°	8374	13228	8	13228
80°	8819	17457	0	17457
85°	9281	25389	0	25389



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	2.1	0.1
10°-20°	20.7	0.6
20°-30°	64.7	1.7
30°-40°	128.7	3.5
40°-50°	203.5	5.5
50°-60°	278.8	7.5
60°-70°	344.9	9.3
70°-80°	393.2	10.6
80°-90°	416.8	11.2
90°-100°	416.8	11.2
100°-110°	393.2	10.6
110°-120°	344.9	9.3
120°-130°	278.8	7.5
130°-140°	203.5	5.5
140°-150°	128.7	3.5
150°-160°	64.7	1.7
160°-170°	20.7	0.6
170°-180°	2.1	0.1
0°-30°	87.5	2.4
0°-40°	216.2	5.8
0°-60°	698.5	18.8
0°-90°	1853.4	50.0
90°-120°	1154.9	31.2
90°-150°	1765.9	47.6
90°-180°	1853.0	50.0
0°-180°	3706.8	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1	1	1	1	1	
5°	29	9	1	9	29	4
15°	155	49	1	49	155	46
25°	301	95	1	95	301	141
35°	438	138	1	138	438	276
45°	555	176	1	176	555	430
55°	657	206	1	206	657	589
65°	738	229	1	229	738	731
75°	795	244	1	244	795	840
85°	824	250	0	250	824	671
90°	823	251	0	251	823	452
95°	824	250	0	250	824	671
105°	795	244	1	244	795	840
115°	738	229	1	229	738	731
125°	657	206	1	206	657	589
135°	555	176	1	176	555	430
145°	438	138	1	138	438	276
155°	301	95	1	95	301	141
165°	155	49	1	49	155	46
175°	29	9	1	9	29	4
180°	0	0	0	0	0	



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CATALOG NUMBER: FVS4WM-3-LD4-40-2LO-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°	9.9	10.1	10.3	10.4	10.6	10.8	11.0	10.7	10.8	10.8	10.8
5°	29.0	29.3	29.6	30.0	30.3	29.7	29.6	29.5	29.3	29.0	28.6
7.5°	53.0	53.7	54.3	54.9	54.5	54.5	54.3	54.0	53.5	52.9	52.1
10°	85.3	86.0	86.8	87.5	86.3	85.9	85.3	84.5	83.4	82.2	80.7
12.5°	119.2	120.3	121.4	121.0	120.9	120.5	119.7	118.6	117.0	115.2	113.5
15°	154.9	156.0	157.1	156.3	156.0	155.3	154.2	152.8	151.4	150.2	148.6
17.5°	189.6	191.3	193.0	192.5	192.4	191.7	190.6	189.4	188.3	186.7	184.6
20°	227.7	229.7	231.6	230.9	230.7	229.9	228.7	227.4	225.7	223.5	221.1
22.5°	265.8	267.2	268.5	267.0	266.2	265.2	265.1	264.2	262.2	259.3	255.4
25°	300.6	302.5	303.0	303.1	302.4	302.2	301.9	301.1	299.6	297.6	294.8
27.5°	338.7	340.2	340.0	339.5	338.5	338.6	338.0	336.6	334.3	332.6	329.7
30°	371.0	373.1	373.6	373.6	373.6	373.8	373.1	371.5	369.9	367.7	364.6
32.5°	404.9	407.3	407.8	407.8	407.9	407.5	406.4	405.6	404.5	402.2	398.5
35°	438.1	439.5	439.1	438.7	439.8	439.8	438.9	438.2	436.7	434.4	431.4
37.5°	468.7	470.3	469.8	470.1	471.5	471.9	471.9	471.3	469.7	467.2	463.8
40°	498.5	500.6	500.4	501.2	502.1	502.4	503.2	502.7	501.3	499.0	495.8
42.5°	525.8	528.1	528.2	530.1	531.3	532.3	533.3	533.2	531.4	528.9	525.8
45°	554.8	556.9	556.5	558.2	558.9	560.5	561.4	562.8	560.2	557.3	553.8
47.5°	583.0	583.9	583.0	584.8	586.1	587.7	588.1	588.2	587.5	585.3	581.3
50°	606.2	608.6	609.1	610.4	612.7	615.0	616.3	616.1	614.7	612.5	608.4
52.5°	632.7	634.3	634.5	635.8	638.2	640.4	641.7	641.4	640.4	638.3	634.7
55°	656.7	657.8	657.9	659.3	662.1	664.3	665.6	665.0	663.1	660.7	657.1
57.5°	679.0	679.7	679.8	681.7	684.7	687.6	688.8	688.3	687.1	682.9	677.8
60°	698.9	700.4	700.5	703.5	706.9	710.0	710.8	710.3	708.5	704.6	699.1
62.5°	719.6	718.8	720.2	723.5	727.3	730.1	730.8	729.7	728.5	724.7	718.9
65°	737.8	738.0	738.6	741.6	746.0	748.5	749.3	748.9	746.7	741.9	736.6
67.5°	754.4	753.9	754.8	758.8	763.1	765.4	766.2	765.4	762.5	757.8	752.2
70°	769.3	768.0	769.6	774.8	779.2	780.8	781.5	780.6	777.1	772.4	766.4
72.5°	782.5	781.6	783.3	788.4	792.6	794.2	794.4	792.8	789.4	784.8	779.8
75°	795.0	792.5	795.3	800.7	803.9	805.4	804.5	803.0	800.4	795.8	789.9
77.5°	805.7	801.9	805.7	811.3	813.4	814.1	813.2	811.7	808.8	804.4	798.3
80°	813.2	810.4	814.7	819.0	820.0	820.6	820.2	818.8	816.2	812.1	805.6
82.5°	819.8	817.4	821.9	822.9	824.5	825.4	825.2	823.7	821.3	817.0	810.7
85°	824.0	823.7	824.2	825.8	827.2	828.3	828.0	826.6	823.8	819.5	813.9
87.5°	827.3	824.8	823.9	825.7	827.3	828.3	827.9	826.8	824.1	819.8	814.6
90°	823.1	815.7	818.2	821.5	824.8	826.4	826.4	825.6	823.1	819.8	814.0
92.5°	827.3	824.8	823.9	825.7	827.3	828.3	827.9	826.8	824.1	819.8	814.6
95°	824.0	823.7	824.2	825.8	827.2	828.3	828.0	826.6	823.8	819.5	813.9
97.5°	819.8	817.4	821.9	822.9	824.5	825.4	825.2	823.7	821.3	817.0	810.7
100°	813.2	810.4	814.7	819.0	820.0	820.6	820.2	818.8	816.2	812.1	805.6
102.5°	805.7	801.9	805.7	811.3	813.4	814.1	813.2	811.7	808.8	804.4	798.3
105°	795.0	792.5	795.3	800.7	803.9	805.4	804.5	803.0	800.4	795.8	789.9
107.5°	782.5	781.6	783.3	788.4	792.6	794.2	794.4	792.8	789.4	784.8	779.8
110°	769.3	768.0	769.6	774.8	779.2	780.8	781.5	780.6	777.1	772.4	766.4



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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°	754.4	753.9	754.8	758.8	763.1	765.4	766.2	765.4	762.5	757.8	752.2
115°	737.8	738.0	738.6	741.6	746.0	748.5	749.3	748.9	746.7	741.9	736.6
117.5°	719.6	718.8	720.2	723.5	727.3	730.1	730.8	729.7	728.5	724.7	718.9
120°	698.9	700.4	700.5	703.5	706.9	710.0	710.8	710.3	708.5	704.6	699.1
122.5°	679.0	679.7	679.8	681.7	684.7	687.6	688.8	688.3	687.1	682.9	677.8
125°	656.7	657.8	657.9	659.3	662.1	664.3	665.6	665.0	663.1	660.7	657.1
127.5°	632.7	634.3	634.5	635.8	638.2	640.4	641.7	641.4	640.4	638.3	634.7
130°	606.2	608.6	609.1	610.4	612.7	615.0	616.3	616.1	614.7	612.5	608.4
132.5°	583.0	583.9	583.0	584.8	586.1	587.7	588.1	588.2	587.5	585.3	581.3
135°	554.8	556.9	556.5	558.2	558.9	560.5	561.4	562.8	560.2	557.3	553.8
137.5°	525.8	528.1	528.2	530.1	531.3	532.3	533.3	533.2	531.4	528.9	525.8
140°	498.5	500.6	500.4	501.2	502.1	502.4	503.2	502.7	501.3	499.0	495.8
142.5°	468.7	470.3	469.8	470.1	471.5	471.9	471.9	471.3	469.7	467.2	463.8
145°	438.1	439.5	439.1	438.7	439.8	439.8	438.9	438.2	436.7	434.4	431.4
147.5°	404.9	407.3	407.8	407.8	407.9	407.5	406.4	405.6	404.5	402.2	398.5
150°	371.0	373.1	373.6	373.6	373.6	373.8	373.1	371.5	369.9	367.7	364.6
152.5°	338.7	340.2	340.0	339.5	338.5	338.6	338.0	336.6	334.3	332.6	329.7
155°	300.6	302.5	303.0	303.1	302.4	302.2	301.9	301.1	299.6	297.6	294.8
157.5°	265.8	267.2	268.5	267.0	266.2	265.2	265.1	264.2	262.2	259.3	255.4
160°	227.7	229.7	231.6	230.9	230.7	229.9	228.7	227.4	225.7	223.5	221.1
162.5°	189.6	191.3	193.0	192.5	192.4	191.7	190.6	189.4	188.3	186.7	184.6
165°	154.9	156.0	157.1	156.3	156.0	155.3	154.2	152.8	151.4	150.2	148.6
167.5°	119.2	120.3	121.4	121.0	120.9	120.5	119.7	118.6	117.0	115.2	113.5
170°	85.3	86.0	86.8	87.5	86.3	85.9	85.3	84.5	83.4	82.2	80.7
172.5°	53.0	53.7	54.3	54.9	54.5	54.5	54.3	54.0	53.5	52.9	52.1
175°	29.0	29.3	29.6	30.0	30.3	29.7	29.6	29.5	29.3	29.0	28.6
177.5°	9.9	10.1	10.3	10.4	10.6	10.8	11.0	10.7	10.8	10.8	10.8
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	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°	10.8	10.8	10.7	10.6	10.5	10.4	10.3	10.2	10.0	9.8	9.6
5°	28.2	27.7	27.1	26.5	25.8	25.1	24.3	23.4	22.5	21.5	20.5
7.5°	51.1	50.0	48.7	47.3	45.7	44.0	41.9	40.7	39.1	37.9	36.8
10°	79.0	77.0	75.7	74.0	72.0	69.8	67.6	65.6	63.4	61.1	58.6
12.5°	111.7	109.7	107.3	104.7	102.0	99.2	96.2	92.8	89.2	85.3	81.1
15°	146.4	143.8	140.8	137.4	133.9	130.0	126.1	121.9	117.4	113.1	108.6
17.5°	182.0	179.0	175.5	171.6	167.5	162.9	157.8	152.5	147.2	141.5	135.3
20°	218.4	215.1	211.3	207.0	202.3	197.2	191.4	185.1	178.2	171.2	164.2
22.5°	252.6	249.9	246.2	241.6	236.1	230.2	224.2	217.8	211.3	203.1	194.6
25°	290.7	286.3	281.9	277.4	271.4	264.5	257.1	249.3	241.8	233.8	226.4
27.5°	325.9	321.0	315.7	310.3	304.3	297.7	291.5	281.5	272.6	263.3	253.4
30°	360.6	356.0	351.3	344.1	337.2	329.6	321.6	313.1	304.0	293.7	282.9
32.5°	394.7	389.9	384.1	377.0	369.8	361.4	352.3	342.6	333.2	322.8	310.7
35°	427.3	422.1	416.2	409.7	401.8	392.8	383.1	372.8	362.3	350.9	337.9
37.5°	459.3	453.9	447.8	442.2	432.7	423.9	413.5	401.8	390.2	379.0	365.2
40°	491.5	485.5	478.5	470.9	462.6	453.2	443.2	431.3	417.4	403.9	390.3
42.5°	521.3	515.9	509.0	500.2	492.1	481.0	469.7	457.4	443.9	429.1	414.4
45°	549.3	543.5	536.3	528.0	518.6	507.8	495.7	482.7	468.8	454.3	438.1
47.5°	576.4	570.8	563.1	554.5	545.2	534.3	521.0	507.0	492.5	478.0	461.4
50°	602.0	595.7	588.6	579.7	570.6	557.7	544.3	530.3	515.0	499.4	482.6
52.5°	629.1	620.4	612.8	602.9	592.1	581.2	566.7	552.0	536.9	520.3	502.5
55°	651.1	642.5	634.5	625.1	613.9	601.9	588.8	573.8	556.6	539.1	521.7
57.5°	672.5	665.2	655.9	645.5	634.2	622.2	608.1	592.8	576.3	558.2	538.6
60°	692.3	685.1	676.2	665.3	653.2	640.3	626.0	610.3	593.5	575.2	555.8
62.5°	711.7	703.0	694.0	682.8	670.7	657.8	642.6	626.6	609.6	591.0	570.9
65°	728.9	720.3	710.7	698.9	686.7	673.3	658.1	641.7	624.2	605.0	584.8
67.5°	745.2	736.5	725.6	714.0	701.4	687.3	672.3	655.6	637.5	617.9	597.1
70°	758.8	749.5	739.3	727.0	714.1	699.6	684.5	668.2	649.9	630.1	608.0
72.5°	771.6	762.0	751.7	739.5	726.2	711.4	696.3	680.0	660.0	640.1	618.0
75°	782.2	772.8	761.8	749.9	737.0	721.4	704.8	687.7	668.2	648.2	626.3
77.5°	791.2	781.9	770.8	758.0	743.7	729.2	712.4	694.5	675.7	654.9	632.6
80°	798.3	788.8	777.6	764.7	750.3	735.0	718.3	700.3	681.3	660.2	637.7
82.5°	802.9	793.9	782.5	769.3	755.0	739.6	722.3	704.8	685.7	663.8	641.8
85°	805.8	796.6	785.0	772.4	757.4	742.3	725.0	707.1	687.6	666.4	644.7
87.5°	807.0	798.3	786.6	774.2	758.7	744.0	727.3	708.8	689.5	668.6	647.0
90°	806.6	798.3	785.9	773.4	759.4	745.3	727.9	708.8	690.6	669.1	647.6
92.5°	807.0	798.3	786.6	774.2	758.7	744.0	727.3	708.8	689.5	668.6	647.0
95°	805.8	796.6	785.0	772.4	757.4	742.3	725.0	707.1	687.6	666.4	644.7
97.5°	802.9	793.9	782.5	769.3	755.0	739.6	722.3	704.8	685.7	663.8	641.8
100°	798.3	788.8	777.6	764.7	750.3	735.0	718.3	700.3	681.3	660.2	637.7
102.5°	791.2	781.9	770.8	758.0	743.7	729.2	712.4	694.5	675.7	654.9	632.6
105°	782.2	772.8	761.8	749.9	737.0	721.4	704.8	687.7	668.2	648.2	626.3
107.5°	771.6	762.0	751.7	739.5	726.2	711.4	696.3	680.0	660.0	640.1	618.0
110°	758.8	749.5	739.3	727.0	714.1	699.6	684.5	668.2	649.9	630.1	608.0



TEST NUMBER: P232066

CATALOG NUMBER: FVS4WM-3-LD4-40-2LO-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°	745.2	736.5	725.6	714.0	701.4	687.3	672.3	655.6	637.5	617.9	597.1
115°	728.9	720.3	710.7	698.9	686.7	673.3	658.1	641.7	624.2	605.0	584.8
117.5°	711.7	703.0	694.0	682.8	670.7	657.7	642.6	626.6	609.6	591.0	570.9
120°	692.3	685.1	676.2	665.3	653.2	640.3	626.0	610.3	593.5	575.2	555.8
122.5°	672.5	665.2	655.9	645.5	634.2	622.2	608.1	592.8	576.3	558.2	538.6
125°	651.1	642.5	634.5	625.1	613.9	601.9	588.8	573.8	556.6	539.1	521.7
127.5°	629.1	620.4	612.8	602.9	592.1	581.2	566.7	552.0	536.9	520.3	502.5
130°	602.0	595.7	588.6	579.7	570.6	557.7	544.3	530.3	515.0	499.4	482.6
132.5°	576.4	570.8	563.1	554.5	545.2	534.3	521.0	507.0	492.5	478.0	461.4
135°	549.3	543.5	536.3	528.0	518.6	507.8	495.7	482.7	468.8	454.3	438.1
137.5°	521.3	515.9	509.0	500.2	492.1	481.0	469.7	457.4	443.9	429.1	414.4
140°	491.5	485.5	478.5	470.9	462.6	453.2	443.2	431.3	417.4	403.9	390.3
142.5°	459.3	453.9	447.8	442.2	432.7	423.9	413.5	401.8	390.2	379.0	365.2
145°	427.3	422.1	416.2	409.7	401.8	392.8	383.1	372.8	362.3	350.9	337.9
147.5°	394.7	389.9	384.1	377.0	369.8	361.4	352.3	342.6	333.2	322.8	310.7
150°	360.6	356.0	351.3	344.1	337.2	329.6	321.6	313.1	304.0	293.7	282.9
152.5°	325.9	321.0	315.7	310.3	304.3	297.7	291.5	281.5	272.6	263.3	253.4
155°	290.7	286.3	281.9	277.4	271.4	264.5	257.1	249.3	241.8	233.8	226.4
157.5°	252.6	249.9	246.2	241.6	236.1	230.2	224.2	217.8	211.3	203.1	194.6
160°	218.4	215.1	211.3	207.0	202.3	197.2	191.4	185.1	178.2	171.2	164.2
162.5°	182.0	179.0	175.5	171.6	167.5	162.9	157.8	152.5	147.2	141.5	135.3
165°	146.4	143.8	140.8	137.4	133.9	130.0	126.1	121.9	117.4	113.1	108.6
167.5°	111.7	109.7	107.3	104.7	102.0	99.2	96.2	92.8	89.2	85.3	81.1
170°	79.0	77.0	75.7	74.0	72.0	69.8	67.6	65.6	63.4	61.1	58.6
172.5°	51.1	50.0	48.7	47.3	45.7	44.0	41.9	40.7	39.1	37.9	36.8
175°	28.2	27.7	27.1	26.5	25.8	25.1	24.3	23.4	22.5	21.5	20.5
177.5°	10.8	10.8	10.7	10.6	10.5	10.4	10.3	10.2	10.0	9.8	9.6
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: P232066

CATALOG NUMBER: FVS4WM-3-LD4-40-2LO-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°	9.4	9.2	8.9	8.7	8.4	8.1	7.8	7.5	7.2	6.8	6.5
5°	19.4	18.3	17.1	16.6	16.0	15.4	14.8	14.2	13.5	12.8	12.1
7.5°	35.6	34.2	32.7	31.1	29.5	27.7	25.8	24.8	24.0	23.2	22.3
10°	56.0	53.2	50.5	48.1	45.8	43.3	40.7	37.9	35.0	33.6	32.5
12.5°	78.0	74.9	71.4	67.7	63.7	60.1	57.0	53.8	50.4	46.9	44.8
15°	104.0	99.2	95.0	89.6	84.5	79.2	73.5	69.5	65.7	61.7	57.6
17.5°	129.6	123.5	118.1	112.4	106.3	100.0	93.4	86.6	81.6	77.1	72.4
20°	157.1	149.5	141.9	135.2	128.1	120.6	113.3	105.8	98.0	92.6	87.2
22.5°	185.6	176.9	168.1	158.9	150.4	141.8	133.0	124.5	115.7	107.4	101.2
25°	215.0	204.8	194.6	184.2	173.1	163.2	153.5	143.6	133.5	123.0	115.1
27.5°	242.6	231.6	220.9	209.9	197.4	184.4	173.2	162.0	150.8	139.8	129.8
30°	270.7	257.6	245.0	233.1	220.4	206.5	192.6	180.1	167.9	156.0	144.8
32.5°	297.9	284.1	269.6	255.6	242.2	227.8	212.7	198.1	183.9	170.9	158.5
35°	324.0	309.7	294.4	278.7	263.4	247.7	231.9	216.7	200.6	185.7	172.1
37.5°	350.0	334.5	318.2	301.8	286.5	267.9	250.4	233.3	216.6	200.2	185.8
40°	375.1	359.0	341.4	323.5	305.9	287.8	269.0	250.3	231.7	214.9	199.4
42.5°	398.7	381.7	363.7	344.7	325.9	307.3	287.1	266.7	246.3	228.3	211.4
45°	421.4	404.0	384.8	365.0	344.9	325.3	304.2	281.9	261.0	241.3	222.8
47.5°	443.1	424.6	404.9	385.5	363.5	342.7	321.0	297.3	275.1	253.8	233.7
50°	464.0	444.6	424.2	402.5	380.5	358.1	335.6	312.4	289.0	265.9	244.6
52.5°	483.6	463.4	441.8	419.6	397.1	373.3	349.8	326.0	301.7	277.1	254.7
55°	502.0	481.3	459.2	435.7	411.9	387.9	363.9	339.1	313.2	288.2	264.5
57.5°	518.4	496.8	476.7	451.6	426.3	401.5	376.8	351.3	323.5	298.0	273.6
60°	535.8	511.2	489.9	466.1	440.7	414.5	388.2	362.1	333.3	307.2	282.4
62.5°	550.0	526.6	503.0	479.0	454.3	426.9	399.1	372.0	343.3	315.9	290.5
65°	563.2	539.7	515.3	490.8	464.8	436.7	409.1	381.2	352.9	324.7	298.1
67.5°	575.5	550.6	526.0	502.0	474.6	446.2	418.2	389.5	360.8	332.2	304.5
70°	586.6	561.2	536.8	510.6	483.3	455.4	426.6	397.0	367.8	339.1	310.6
72.5°	594.8	570.9	547.0	519.3	491.1	463.2	433.6	403.8	374.0	344.2	315.0
75°	602.5	578.3	553.4	526.2	498.4	469.9	439.3	409.8	379.9	348.6	319.0
77.5°	609.3	584.5	559.4	531.7	504.0	475.4	444.4	414.2	383.9	352.8	322.6
80°	614.5	589.4	564.1	536.3	507.7	479.5	449.1	417.7	387.0	356.7	326.1
82.5°	618.4	593.4	567.6	539.7	510.8	482.0	452.5	419.9	389.5	358.8	329.5
85°	620.4	596.1	569.9	541.8	513.6	484.4	456.1	422.3	392.4	361.0	331.1
87.5°	622.6	597.6	571.4	544.3	514.7	485.2	455.9	423.1	393.3	361.0	330.4
90°	623.6	597.1	571.4	545.7	514.2	486.1	455.4	424.0	394.2	361.0	329.6
92.5°	622.6	597.6	571.4	544.3	514.7	485.2	455.9	423.1	393.3	361.0	330.4
95°	620.4	596.1	569.9	541.8	513.6	484.4	456.1	422.3	392.4	361.0	331.1
97.5°	618.4	593.4	567.6	539.7	510.8	482.0	452.5	419.9	389.5	358.8	329.5
100°	614.5	589.4	564.1	536.3	507.7	479.5	449.1	417.7	387.0	356.7	326.1
102.5°	609.3	584.5	559.4	531.7	504.0	475.4	444.4	414.2	383.9	352.8	322.6
105°	602.5	578.3	553.4	526.2	498.4	469.9	439.3	409.8	379.9	348.6	319.0
107.5°	594.8	570.9	547.0	519.3	491.1	463.2	433.6	403.8	374.0	344.2	315.0
110°	586.6	561.2	536.8	510.6	483.3	455.4	426.6	397.0	367.8	339.1	310.6



TEST NUMBER: P232066

CATALOG NUMBER: FVS4WM-3-LD4-40-2LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	575.5	550.6	526.0	502.0	474.6	446.2	418.2	389.5	360.8	332.2	304.5
115°	563.2	539.7	515.3	490.8	464.8	436.7	409.1	381.2	352.9	324.7	298.1
117.5°	550.0	526.6	503.0	479.0	454.3	426.9	399.1	372.0	343.3	315.9	290.5
120°	535.8	511.2	489.9	466.1	440.7	414.5	388.2	362.1	333.3	307.2	282.4
122.5°	518.4	496.8	476.7	451.6	426.3	401.5	376.8	351.3	323.5	298.0	273.6
125°	502.0	481.3	459.2	435.7	411.9	387.9	363.9	339.1	313.2	288.2	264.5
127.5°	483.6	463.4	441.8	419.6	397.1	373.3	349.8	326.0	301.7	277.1	254.7
130°	464.0	444.6	424.2	402.5	380.5	358.1	335.6	312.4	289.0	265.9	244.6
132.5°	443.1	424.6	404.9	385.5	363.5	342.7	321.0	297.3	275.1	253.8	233.7
135°	421.4	404.0	384.8	365.0	344.9	325.3	304.2	281.9	261.0	241.3	222.8
137.5°	398.7	381.7	363.7	344.7	325.9	307.3	287.1	266.7	246.3	228.3	211.4
140°	375.1	359.0	341.4	323.5	305.9	287.8	269.0	250.3	231.7	214.9	199.4
142.5°	350.0	334.5	318.2	301.8	286.5	267.9	250.4	233.3	216.6	200.2	185.8
145°	324.0	309.7	294.4	278.7	263.4	247.7	231.9	216.7	200.6	185.7	172.1
147.5°	297.9	284.1	269.6	255.6	242.2	227.8	212.7	198.1	183.9	170.9	158.5
150°	270.7	257.6	245.0	233.1	220.4	206.5	192.6	180.1	167.9	156.0	144.8
152.5°	242.6	231.6	220.9	209.9	197.4	184.4	173.2	162.0	150.8	139.8	129.8
155°	215.0	204.8	194.6	184.2	173.1	163.2	153.5	143.6	133.5	123.0	115.1
157.5°	185.6	176.9	168.1	158.9	150.4	141.8	133.0	124.5	115.7	107.4	101.2
160°	157.1	149.5	141.9	135.2	128.1	120.6	113.3	105.8	98.0	92.6	87.2
162.5°	129.6	123.5	118.1	112.4	106.3	100.0	93.4	86.6	81.6	77.1	72.4
165°	104.0	99.2	95.0	89.6	84.5	79.2	73.5	69.5	65.7	61.7	57.6
167.5°	78.0	74.9	71.4	67.7	63.7	60.1	57.0	53.8	50.4	46.9	44.8
170°	56.0	53.2	50.5	48.1	45.8	43.3	40.7	37.9	35.0	33.6	32.5
172.5°	35.6	34.2	32.7	31.1	29.5	27.7	25.8	24.8	24.0	23.2	22.3
175°	19.4	18.3	17.1	16.6	16.0	15.4	14.8	14.2	13.5	12.8	12.1
177.5°	9.4	9.2	8.9	8.7	8.4	8.1	7.8	7.5	7.2	6.8	6.5
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: P232066

CATALOG NUMBER: FVS4WM-3-LD4-40-2LO-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°	6.1	5.7	5.3	5.0	4.9	4.9	4.9	4.8	4.8	4.7	4.6
5°	11.4	10.7	9.9	9.1	9.0	8.9	8.8	8.7	8.6	8.4	8.3
7.5°	21.4	20.4	19.3	18.2	18.0	17.7	17.3	17.0	16.5	16.1	15.6
10°	31.3	30.0	28.7	27.3	26.8	26.3	25.7	25.1	24.4	23.7	23.1
12.5°	43.3	41.7	39.9	38.1	37.5	36.8	36.0	35.2	34.3	33.5	32.6
15°	55.4	53.4	51.2	48.9	48.2	47.4	46.4	45.5	44.5	43.4	42.3
17.5°	68.4	65.9	63.2	60.5	59.6	58.7	57.6	56.5	55.4	54.1	52.7
20°	81.7	78.5	75.3	72.0	71.1	70.0	68.9	67.7	66.4	65.0	63.1
22.5°	94.7	90.3	87.0	83.6	82.4	81.1	79.7	78.5	77.1	75.3	73.3
25°	107.7	101.8	98.6	95.2	93.7	92.0	90.6	89.3	87.7	85.6	83.4
27.5°	121.8	114.4	110.5	106.4	104.8	103.0	101.4	99.8	97.9	95.7	93.4
30°	136.0	127.0	122.4	117.6	115.8	113.9	112.1	110.2	108.0	105.7	103.2
32.5°	148.3	138.8	133.2	128.0	126.1	124.1	122.2	120.2	117.9	115.4	112.7
35°	160.3	150.4	143.9	138.3	136.3	134.2	132.3	130.1	127.7	124.9	121.7
37.5°	172.4	161.5	153.9	148.3	145.9	143.6	141.5	139.3	137.0	133.8	130.5
40°	184.6	172.5	163.9	158.2	155.4	152.9	150.8	148.5	145.8	142.6	138.9
42.5°	195.5	182.8	173.2	166.9	164.2	161.7	159.3	157.0	154.1	150.7	146.8
45°	206.5	193.0	182.5	175.6	173.1	170.4	167.7	165.3	161.9	158.2	154.6
47.5°	217.2	202.6	191.1	183.9	181.0	178.2	175.5	173.1	169.6	165.9	162.1
50°	227.7	212.3	199.7	192.1	188.9	185.9	183.2	180.6	177.3	173.3	169.0
52.5°	236.1	220.0	207.0	199.2	195.8	193.0	190.4	187.4	183.9	179.9	175.4
55°	244.3	227.4	214.2	206.2	202.8	200.2	197.4	194.0	190.0	185.9	181.5
57.5°	252.2	234.6	220.7	212.4	208.9	206.1	203.3	200.0	195.9	191.8	187.3
60°	260.1	241.7	227.2	218.6	215.0	211.9	209.2	205.8	201.7	197.4	192.6
62.5°	267.4	247.5	232.8	224.0	219.9	217.0	214.2	210.7	206.6	202.2	197.2
65°	274.7	253.3	238.3	229.4	224.8	222.2	219.1	215.4	211.2	206.7	201.5
67.5°	280.0	258.1	242.7	233.6	228.9	226.3	223.2	219.4	215.3	210.5	205.2
70°	285.0	262.8	247.0	237.7	233.0	230.4	227.2	223.3	219.1	213.9	208.6
72.5°	289.1	266.6	250.0	240.6	236.2	233.3	230.1	226.2	222.0	216.7	211.5
75°	293.0	270.3	253.4	243.5	239.4	236.2	232.9	228.9	224.7	219.2	214.0
77.5°	296.3	273.2	255.4	245.6	241.5	238.2	235.3	230.9	226.8	221.2	215.8
80°	299.4	276.6	257.5	247.6	243.6	240.2	237.7	232.9	228.7	223.1	217.3
82.5°	301.4	277.4	258.3	248.9	244.3	241.4	238.6	234.1	229.5	224.2	218.4
85°	302.3	278.2	259.2	250.1	245.1	242.6	239.3	235.2	230.3	225.2	219.4
87.5°	301.9	278.6	260.0	250.5	245.5	243.1	239.7	235.2	230.6	225.2	219.9
90°	301.4	279.1	260.8	250.9	245.9	243.5	240.1	235.2	231.0	225.2	220.3
92.5°	301.9	278.6	260.0	250.5	245.5	243.1	239.7	235.2	230.6	225.2	219.9
95°	302.3	278.2	259.2	250.1	245.1	242.6	239.3	235.2	230.3	225.2	219.4
97.5°	301.4	277.4	258.3	248.9	244.3	241.4	238.6	234.1	229.5	224.2	218.4
100°	299.4	276.6	257.5	247.6	243.6	240.2	237.7	232.9	228.7	223.1	217.3
102.5°	296.3	273.2	255.4	245.6	241.5	238.2	235.3	230.9	226.8	221.2	215.8
105°	293.0	270.3	253.4	243.5	239.4	236.2	232.9	228.9	224.7	219.2	214.0
107.5°	289.1	266.6	250.0	240.6	236.2	233.3	230.1	226.2	222.0	216.7	211.5
110°	285.0	262.8	247.0	237.7	233.0	230.4	227.2	223.3	219.1	213.9	208.6



TEST NUMBER: P232066

CATALOG NUMBER: FVS4WM-3-LD4-40-2LO-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°	280.0	258.1	242.7	233.6	228.9	226.3	223.2	219.4	215.3	210.5	205.2
115°	274.7	253.3	238.3	229.4	224.8	222.2	219.1	215.4	211.2	206.7	201.5
117.5°	267.4	247.5	232.8	224.0	219.9	217.0	214.2	210.7	206.6	202.2	197.2
120°	260.1	241.7	227.2	218.6	215.0	211.9	209.2	205.8	201.7	197.4	192.6
122.5°	252.2	234.6	220.7	212.4	208.9	206.1	203.3	200.0	195.9	191.8	187.3
125°	244.3	227.4	214.2	206.2	202.8	200.2	197.4	194.0	190.0	185.9	181.5
127.5°	236.1	220.0	207.0	199.2	195.8	193.0	190.4	187.4	183.9	179.9	175.4
130°	227.7	212.3	199.7	192.1	188.9	185.9	183.2	180.6	177.3	173.3	169.0
132.5°	217.2	202.6	191.1	183.9	181.0	178.2	175.5	173.1	169.6	165.9	162.1
135°	206.5	193.0	182.5	175.6	173.1	170.4	167.7	165.3	161.9	158.2	154.6
137.5°	195.5	182.8	173.2	166.9	164.2	161.7	159.3	157.0	154.1	150.7	146.8
140°	184.6	172.5	163.9	158.2	155.4	152.9	150.8	148.5	145.8	142.6	138.9
142.5°	172.4	161.5	153.9	148.3	145.9	143.6	141.5	139.3	137.0	133.8	130.5
145°	160.3	150.4	143.9	138.3	136.3	134.2	132.3	130.1	127.7	124.9	121.7
147.5°	148.3	138.8	133.2	128.0	126.1	124.1	122.2	120.2	117.9	115.4	112.7
150°	136.0	127.0	122.4	117.6	115.8	113.9	112.1	110.2	108.0	105.7	103.2
152.5°	121.8	114.4	110.5	106.4	104.8	103.0	101.4	99.8	97.9	95.7	93.4
155°	107.7	101.8	98.6	95.2	93.7	92.0	90.6	89.3	87.7	85.6	83.4
157.5°	94.7	90.3	87.0	83.6	82.4	81.1	79.7	78.5	77.1	75.3	73.3
160°	81.7	78.5	75.3	72.0	71.1	70.0	68.9	67.7	66.4	65.0	63.1
162.5°	68.4	65.9	63.2	60.5	59.6	58.7	57.6	56.5	55.4	54.1	52.7
165°	55.4	53.4	51.2	48.9	48.2	47.4	46.4	45.5	44.5	43.4	42.3
167.5°	43.3	41.7	39.9	38.1	37.5	36.8	36.0	35.2	34.3	33.5	32.6
170°	31.3	30.0	28.7	27.3	26.8	26.3	25.7	25.1	24.4	23.7	23.1
172.5°	21.4	20.4	19.3	18.2	18.0	17.7	17.3	17.0	16.5	16.1	15.6
175°	11.4	10.7	9.9	9.1	9.0	8.9	8.8	8.7	8.6	8.4	8.3
177.5°	6.1	5.7	5.3	5.0	4.9	4.9	4.9	4.8	4.8	4.7	4.6
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: P232066

CATALOG NUMBER: FVS4WM-3-LD4-40-2LO-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°	4.6	4.5	4.4	4.3	4.2	4.1	4.0	3.9	3.8	3.7	3.5
5°	8.1	7.9	7.7	7.5	7.3	7.1	6.9	6.6	6.4	6.1	5.9
7.5°	15.1	14.6	14.0	13.5	12.9	12.2	11.5	10.8	10.1	9.3	8.5
10°	22.6	21.9	21.2	20.5	19.7	18.8	18.0	17.1	16.1	15.2	14.2
12.5°	31.7	30.6	29.6	28.4	27.2	25.9	24.5	23.1	21.7	20.4	19.0
15°	41.1	39.9	38.7	37.4	35.9	34.1	32.2	30.2	28.2	26.2	24.2
17.5°	51.2	49.7	48.1	46.1	43.9	41.7	39.4	37.4	35.4	33.2	31.0
20°	61.3	59.3	57.3	55.1	52.7	50.3	47.9	45.4	42.9	40.0	37.4
22.5°	71.1	69.0	66.8	64.4	61.6	58.8	56.0	53.2	50.2	47.1	43.9
25°	81.1	78.6	76.0	73.2	70.2	67.1	64.1	60.9	57.4	53.9	50.3
27.5°	90.8	88.1	85.1	82.1	78.8	75.5	72.1	68.4	64.5	60.5	56.4
30°	100.4	97.3	94.0	90.6	87.1	83.5	79.9	75.9	71.5	67.1	62.7
32.5°	109.6	106.2	102.7	98.9	95.2	91.5	87.4	82.9	78.3	73.8	69.2
35°	118.4	114.8	111.0	107.1	103.3	99.2	94.8	90.0	85.0	80.0	75.0
37.5°	127.0	123.3	119.5	115.4	111.1	106.4	101.6	96.5	91.2	86.0	80.7
40°	135.0	131.2	127.2	122.9	118.2	113.3	108.6	103.2	97.4	91.9	86.5
42.5°	143.0	139.2	134.7	129.9	125.0	120.1	115.0	109.1	103.1	97.6	91.7
45°	150.5	146.2	141.6	136.6	131.6	126.6	120.8	114.9	109.1	103.0	96.9
47.5°	157.7	153.3	148.4	143.0	137.9	132.5	126.5	120.7	114.6	107.8	101.4
50°	164.2	159.7	154.5	149.2	144.2	138.4	132.1	125.6	118.9	112.6	106.4
52.5°	170.7	166.0	160.7	155.2	149.4	143.3	136.8	130.1	123.6	117.2	110.1
55°	176.7	171.6	166.2	160.5	154.4	148.1	141.5	134.7	128.0	121.1	114.0
57.5°	182.3	177.2	171.6	165.4	159.1	152.7	145.9	139.0	132.2	124.7	117.5
60°	187.4	181.8	175.9	169.8	163.6	157.2	150.1	142.8	135.4	128.1	120.8
62.5°	192.0	186.2	180.3	174.1	167.8	160.9	153.4	146.2	138.8	131.3	123.3
65°	195.9	190.4	184.4	177.9	171.5	164.3	156.9	149.7	142.0	133.7	125.6
67.5°	199.7	194.2	188.1	181.5	174.7	167.4	160.3	152.8	144.5	136.0	127.9
70°	203.2	197.1	190.5	183.9	177.1	170.2	163.2	155.6	147.0	138.3	129.8
72.5°	206.0	199.7	193.0	186.3	179.6	172.5	164.7	156.6	148.6	140.1	131.4
75°	208.5	202.0	195.3	188.2	181.3	174.2	166.2	158.0	150.1	141.7	132.8
77.5°	210.2	203.9	197.2	190.0	183.0	175.8	167.8	159.4	151.0	142.6	133.7
80°	211.5	205.6	198.4	191.5	184.3	176.4	168.6	160.3	151.7	143.3	134.3
82.5°	212.6	206.5	199.4	192.5	185.1	177.1	169.4	161.2	152.3	143.8	134.2
85°	213.6	207.1	200.4	193.0	185.6	178.0	169.9	161.6	152.5	143.7	134.3
87.5°	213.6	207.1	200.5	193.4	185.6	178.5	170.2	161.6	152.8	143.7	134.6
90°	213.6	207.0	200.4	193.8	185.5	178.9	170.6	161.5	153.2	144.1	135.0
92.5°	213.6	207.1	200.5	193.4	185.6	178.5	170.2	161.6	152.8	143.7	134.6
95°	213.6	207.1	200.4	193.0	185.6	178.0	169.9	161.6	152.5	143.7	134.3
97.5°	212.6	206.5	199.4	192.5	185.1	177.1	169.4	161.2	152.3	143.8	134.2
100°	211.5	205.6	198.4	191.5	184.3	176.4	168.6	160.3	151.7	143.3	134.3
102.5°	210.2	203.9	197.2	190.0	183.0	175.8	167.8	159.4	151.0	142.6	133.7
105°	208.5	202.0	195.3	188.2	181.3	174.2	166.2	158.0	150.1	141.7	132.8
107.5°	206.0	199.7	193.0	186.3	179.6	172.5	164.7	156.6	148.6	140.1	131.4
110°	203.2	197.1	190.5	183.9	177.1	170.2	163.2	155.6	147.0	138.3	129.8



TEST NUMBER: P232066

CATALOG NUMBER: FVS4WM-3-LD4-40-2LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	199.7	194.2	188.1	181.5	174.7	167.4	160.3	152.8	144.5	136.0	127.9
115°	195.9	190.4	184.4	177.9	171.5	164.3	156.9	149.7	142.0	133.7	125.6
117.5°	192.0	186.2	180.3	174.1	167.8	160.9	153.4	146.2	138.8	131.3	123.3
120°	187.4	181.8	175.9	169.8	163.6	157.2	150.1	142.8	135.4	128.1	120.8
122.5°	182.3	177.2	171.6	165.4	159.1	152.7	145.9	139.0	132.2	124.7	117.5
125°	176.7	171.6	166.2	160.5	154.4	148.1	141.5	134.7	128.0	121.1	114.0
127.5°	170.7	166.0	160.7	155.2	149.4	143.3	136.8	130.1	123.6	117.2	110.1
130°	164.2	159.7	154.5	149.2	144.2	138.4	132.1	125.6	118.9	112.6	106.4
132.5°	157.7	153.3	148.4	143.0	137.9	132.5	126.5	120.7	114.6	107.8	101.4
135°	150.5	146.2	141.6	136.6	131.6	126.6	120.8	114.9	109.1	103.0	96.9
137.5°	143.0	139.2	134.7	129.9	125.0	120.1	115.0	109.1	103.1	97.6	91.7
140°	135.0	131.2	127.2	122.9	118.2	113.3	108.6	103.2	97.4	91.9	86.5
142.5°	127.0	123.3	119.5	115.4	111.1	106.4	101.6	96.5	91.2	86.0	80.7
145°	118.4	114.8	111.0	107.1	103.3	99.2	94.8	90.0	85.0	80.0	75.0
147.5°	109.6	106.2	102.7	98.9	95.2	91.5	87.4	82.9	78.3	73.8	69.2
150°	100.4	97.3	94.0	90.6	87.1	83.5	79.9	75.9	71.5	67.1	62.7
152.5°	90.8	88.1	85.1	82.1	78.8	75.5	72.1	68.4	64.5	60.5	56.4
155°	81.1	78.6	76.0	73.2	70.2	67.1	64.1	60.9	57.4	53.9	50.3
157.5°	71.1	69.0	66.8	64.4	61.6	58.8	56.0	53.2	50.2	47.1	43.9
160°	61.3	59.3	57.3	55.1	52.7	50.3	47.9	45.4	42.9	40.0	37.4
162.5°	51.2	49.7	48.1	46.1	43.9	41.7	39.4	37.4	35.4	33.2	31.0
165°	41.1	39.9	38.7	37.4	35.9	34.1	32.2	30.2	28.2	26.2	24.2
167.5°	31.7	30.6	29.6	28.4	27.2	25.9	24.5	23.1	21.7	20.4	19.0
170°	22.6	21.9	21.2	20.5	19.7	18.8	18.0	17.1	16.1	15.2	14.2
172.5°	15.1	14.6	14.0	13.5	12.9	12.2	11.5	10.8	10.1	9.3	8.5
175°	8.1	7.9	7.7	7.5	7.3	7.1	6.9	6.6	6.4	6.1	5.9
177.5°	4.6	4.5	4.4	4.3	4.2	4.1	4.0	3.9	3.8	3.7	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: P232066

CATALOG NUMBER: FVS4WM-3-LD4-40-2LO-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°	3.4	3.3	3.1	3.0	2.8	2.7	2.6	2.4	2.2	2.1	1.9
5°	5.6	5.4	5.1	4.8	4.5	4.3	4.0	3.7	3.4	3.1	2.8
7.5°	7.5	7.3	6.9	6.6	6.2	5.8	5.5	5.1	4.7	4.3	3.8
10°	13.1	12.0	10.9	9.7	8.4	7.1	6.6	6.0	5.5	5.0	4.4
12.5°	17.6	16.1	14.7	13.2	11.8	10.3	8.8	7.2	5.9	5.3	4.8
15°	22.2	20.4	18.7	17.0	15.3	13.6	11.8	10.1	8.3	6.5	5.4
17.5°	28.6	26.2	23.6	21.1	18.9	17.0	14.9	12.8	10.7	8.6	6.4
20°	34.6	31.8	29.0	26.1	23.2	20.3	17.7	15.4	13.0	10.7	8.4
22.5°	40.6	37.3	34.1	30.9	27.7	24.4	21.1	17.8	15.2	12.5	9.9
25°	46.6	42.9	39.1	35.3	31.8	28.1	24.4	20.6	16.8	14.0	11.3
27.5°	52.4	48.3	44.2	40.1	36.0	31.9	27.9	23.8	19.8	15.5	12.8
30°	58.2	53.6	49.3	45.0	40.5	35.8	31.2	26.9	22.6	18.2	13.9
32.5°	64.3	59.4	54.6	49.4	44.7	39.6	34.4	29.0	24.5	19.9	15.4
35°	69.9	64.6	59.3	53.9	48.3	42.6	37.4	32.2	26.8	22.1	17.4
37.5°	75.2	69.5	63.6	57.9	52.2	46.7	41.2	35.3	29.5	24.1	19.1
40°	80.7	74.5	68.3	62.1	56.1	50.0	43.7	37.7	31.8	25.7	20.1
42.5°	85.6	79.2	72.7	66.2	59.7	53.2	46.8	40.5	34.2	28.0	21.7
45°	90.2	83.5	76.9	70.0	63.2	56.5	49.8	43.2	36.4	29.6	22.9
47.5°	94.7	87.9	81.0	73.8	66.6	59.5	52.6	45.6	38.3	31.0	24.3
50°	99.1	91.8	84.7	77.4	69.9	62.5	55.1	47.5	40.1	32.4	24.9
52.5°	102.8	95.2	88.1	80.6	73.0	65.0	56.9	49.1	41.4	33.5	25.8
55°	106.6	98.8	91.4	83.6	75.5	67.1	59.1	50.6	42.0	34.0	26.4
57.5°	109.8	101.9	94.2	86.0	78.1	69.4	60.9	51.7	43.0	34.7	26.9
60°	112.4	104.5	96.4	87.8	79.8	71.0	62.0	53.0	44.1	34.8	27.0
62.5°	115.0	106.9	98.3	90.1	81.7	72.5	62.9	53.4	44.4	35.5	27.7
65°	117.5	109.0	100.3	91.9	83.2	73.9	64.0	53.9	44.6	35.5	27.3
67.5°	119.5	111.0	101.7	93.1	84.3	75.2	64.8	54.9	44.9	36.0	27.5
70°	121.0	112.2	103.2	94.2	85.0	75.6	65.4	55.1	44.7	35.6	27.1
72.5°	122.0	113.6	104.4	95.3	86.3	76.7	66.7	55.3	45.3	35.5	26.5
75°	123.5	114.9	105.3	95.9	86.4	77.0	66.9	55.8	44.7	35.0	26.2
77.5°	124.5	115.3	105.7	96.2	86.7	77.1	67.3	57.1	45.5	34.8	25.6
80°	124.8	115.3	105.7	96.2	86.8	77.3	67.2	57.1	45.9	34.5	24.9
82.5°	124.9	115.2	105.6	96.0	86.2	76.3	66.3	56.3	46.4	35.4	24.4
85°	124.7	115.2	106.0	95.9	86.0	76.0	65.4	55.4	45.9	35.7	24.8
87.5°	124.6	115.3	106.1	95.6	85.6	75.8	65.0	55.0	44.5	34.6	24.7
90°	125.0	115.1	105.2	96.1	84.5	74.5	64.6	55.5	43.9	34.0	24.0
92.5°	124.6	115.3	106.1	95.6	85.6	75.8	65.0	55.0	44.5	34.6	24.7
95°	124.7	115.2	106.0	95.9	86.0	76.0	65.4	55.4	45.9	35.7	24.8
97.5°	124.9	115.2	105.6	96.0	86.2	76.3	66.3	56.3	46.4	35.4	24.4
100°	124.8	115.3	105.7	96.2	86.8	77.3	67.2	57.1	45.9	34.5	24.9
102.5°	124.5	115.3	105.7	96.2	86.7	77.1	67.3	57.1	45.5	34.8	25.6
105°	123.5	114.9	105.3	95.9	86.4	77.0	66.9	55.8	44.7	35.0	26.2
107.5°	122.0	113.6	104.4	95.3	86.3	76.7	66.7	55.3	45.3	35.5	26.5
110°	121.0	112.2	103.2	94.2	85.0	75.6	65.4	55.1	44.7	35.6	27.1



TEST NUMBER: P232066

CATALOG NUMBER: FVS4WM-3-LD4-40-2LO-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°	119.5	111.0	101.7	93.1	84.3	75.2	64.8	54.9	44.9	36.0	27.5
115°	117.5	109.0	100.3	91.9	83.2	73.9	64.0	53.9	44.6	35.5	27.3
117.5°	115.0	106.9	98.3	90.1	81.7	72.5	62.9	53.4	44.4	35.5	27.7
120°	112.4	104.5	96.4	87.8	79.8	71.0	62.0	53.0	44.1	34.8	27.0
122.5°	109.8	101.9	94.2	86.0	78.1	69.4	60.9	51.7	43.0	34.7	26.9
125°	106.6	98.8	91.4	83.6	75.5	67.1	59.1	50.6	42.0	34.0	26.4
127.5°	102.8	95.2	88.1	80.6	73.0	65.0	56.9	49.1	41.4	33.5	25.8
130°	99.1	91.8	84.7	77.4	69.9	62.5	55.1	47.5	40.1	32.4	24.9
132.5°	94.7	87.9	81.0	73.8	66.6	59.5	52.6	45.6	38.3	31.0	24.3
135°	90.2	83.5	76.9	70.0	63.2	56.5	49.8	43.2	36.4	29.6	22.9
137.5°	85.6	79.2	72.7	66.2	59.7	53.2	46.8	40.5	34.2	28.0	21.7
140°	80.7	74.5	68.3	62.1	56.1	50.0	43.7	37.7	31.8	25.7	20.1
142.5°	75.2	69.5	63.6	57.9	52.2	46.7	41.2	35.3	29.5	24.1	19.1
145°	69.9	64.6	59.3	53.9	48.3	42.6	37.4	32.2	26.8	22.1	17.4
147.5°	64.3	59.4	54.6	49.4	44.7	39.6	34.4	29.0	24.5	19.9	15.4
150°	58.2	53.6	49.3	45.0	40.5	35.8	31.2	26.9	22.6	18.2	13.9
152.5°	52.4	48.3	44.2	40.1	36.0	31.9	27.9	23.8	19.8	15.5	12.8
155°	46.6	42.9	39.1	35.3	31.8	28.1	24.4	20.6	16.8	14.0	11.3
157.5°	40.6	37.3	34.1	30.9	27.7	24.4	21.1	17.8	15.2	12.5	9.9
160°	34.6	31.8	29.0	26.1	23.2	20.3	17.7	15.4	13.0	10.7	8.4
162.5°	28.6	26.2	23.6	21.1	18.9	17.0	14.9	12.8	10.7	8.6	6.4
165°	22.2	20.4	18.7	17.0	15.3	13.6	11.8	10.1	8.3	6.5	5.4
167.5°	17.6	16.1	14.7	13.2	11.8	10.3	8.8	7.2	5.9	5.3	4.8
170°	13.1	12.0	10.9	9.7	8.4	7.1	6.6	6.0	5.5	5.0	4.4
172.5°	7.5	7.3	6.9	6.6	6.2	5.8	5.5	5.1	4.7	4.3	3.8
175°	5.6	5.4	5.1	4.8	4.5	4.3	4.0	3.7	3.4	3.1	2.8
177.5°	3.4	3.3	3.1	3.0	2.8	2.7	2.6	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: P232066

CATALOG NUMBER: FVS4WM-3-LD4-40-2LO-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°	1.8	1.6	1.5	1.3	1.1	1.0	0.8	1.0	1.1	1.3	1.5
5°	2.6	2.3	2.0	1.7	1.4	1.1	0.8	1.1	1.4	1.7	2.0
7.5°	3.4	3.0	2.6	2.1	1.7	1.2	0.8	1.2	1.7	2.1	2.6
10°	3.9	3.4	2.9	2.3	1.8	1.3	0.8	1.3	1.8	2.3	2.9
12.5°	4.2	3.6	3.0	2.5	1.9	1.4	0.8	1.4	1.9	2.5	3.0
15°	4.8	4.1	3.5	2.8	2.1	1.5	0.8	1.5	2.1	2.8	3.5
17.5°	4.9	4.2	3.5	2.8	2.1	1.5	0.8	1.5	2.1	2.8	3.5
20°	6.0	4.6	3.8	3.1	2.3	1.6	0.8	1.6	2.3	3.1	3.8
22.5°	7.2	4.6	3.6	2.9	2.2	1.5	0.8	1.5	2.2	2.9	3.6
25°	8.6	5.9	3.9	3.1	2.3	1.6	0.8	1.6	2.3	3.1	3.9
27.5°	9.8	6.8	3.8	2.8	2.1	1.5	0.8	1.5	2.1	2.8	3.8
30°	10.8	7.7	4.8	3.0	2.2	1.5	0.8	1.5	2.2	3.0	4.8
32.5°	11.5	8.4	5.3	2.5	1.9	1.3	0.8	1.3	1.9	2.5	5.3
35°	12.8	9.3	6.1	2.9	2.0	1.4	0.8	1.4	2.0	2.9	6.1
37.5°	14.1	9.6	6.3	3.0	1.5	1.2	0.8	1.2	1.5	3.0	6.3
40°	15.1	10.2	6.7	3.6	1.6	1.2	0.8	1.2	1.6	3.6	6.7
42.5°	16.2	11.0	6.8	3.9	1.6	1.2	0.8	1.2	1.6	3.9	6.8
45°	16.8	11.7	6.8	4.2	1.7	1.2	0.8	1.2	1.7	4.2	6.8
47.5°	18.0	12.4	7.4	4.1	1.3	0.8	0.8	0.8	1.3	4.1	7.4
50°	18.4	12.3	7.4	3.6	1.4	0.8	0.8	0.8	1.4	3.6	7.4
52.5°	18.8	12.5	7.5	3.3	1.6	0.8	0.8	0.8	1.6	3.3	7.5
55°	19.0	13.0	7.8	3.4	1.6	0.8	0.8	0.8	1.6	3.4	7.8
57.5°	19.8	13.5	7.9	4.0	1.7	0.8	0.8	0.8	1.7	4.0	7.9
60°	19.9	13.6	8.0	3.9	1.5	0.8	0.8	0.8	1.5	3.9	8.0
62.5°	20.1	13.4	7.6	3.5	1.6	0.8	0.8	0.8	1.6	3.5	7.6
65°	20.1	13.4	7.5	3.3	1.2	0.8	0.8	0.8	1.2	3.3	7.5
67.5°	20.1	13.4	7.6	3.5	1.2	0.8	0.8	0.8	1.2	3.5	7.6
70°	19.9	13.0	6.9	3.2	1.4	0.8	0.8	0.8	1.4	3.2	6.9
72.5°	19.3	12.7	7.0	3.1	1.1	0.8	0.8	0.8	1.1	3.1	7.0
75°	18.6	12.3	7.0	2.6	1.0	0.8	0.8	0.8	1.0	2.6	7.0
77.5°	17.4	10.8	5.9	2.1	0.4	0.1	0.0	0.1	0.4	2.1	5.9
80°	16.6	9.9	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1
82.5°	15.3	7.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	14.6	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	15.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	14.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	15.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	14.6	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	15.3	7.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	16.6	9.9	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1
102.5°	17.4	10.8	5.9	2.1	0.4	0.1	0.0	0.1	0.4	2.1	5.9
105°	18.6	12.3	7.0	2.6	1.0	0.8	0.8	0.8	1.0	2.6	7.0
107.5°	19.3	12.7	7.0	3.1	1.1	0.8	0.8	0.8	1.1	3.1	7.0
110°	19.9	13.0	6.9	3.2	1.4	0.8	0.8	0.8	1.4	3.2	6.9



TEST NUMBER: P232066

CATALOG NUMBER: FVS4WM-3-LD4-40-2LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	20.1	13.4	7.6	3.5	1.2	0.8	0.8	0.8	1.2	3.5	7.6
115°	20.1	13.4	7.5	3.3	1.2	0.8	0.8	0.8	1.2	3.3	7.5
117.5°	20.1	13.4	7.6	3.5	1.6	0.8	0.8	0.8	1.6	3.5	7.6
120°	19.9	13.6	8.0	3.9	1.5	0.8	0.8	0.8	1.5	3.9	8.0
122.5°	19.8	13.5	7.9	4.0	1.7	0.8	0.8	0.8	1.7	4.0	7.9
125°	19.0	13.0	7.8	3.4	1.6	0.8	0.8	0.8	1.6	3.4	7.8
127.5°	18.8	12.5	7.5	3.3	1.6	0.8	0.8	0.8	1.6	3.3	7.5
130°	18.4	12.3	7.4	3.6	1.4	0.8	0.8	0.8	1.4	3.6	7.4
132.5°	18.0	12.4	7.4	4.1	1.3	0.8	0.8	0.8	1.3	4.1	7.4
135°	16.8	11.7	6.8	4.2	1.7	1.2	0.8	1.2	1.7	4.2	6.8
137.5°	16.2	11.0	6.8	3.9	1.6	1.2	0.8	1.2	1.6	3.9	6.8
140°	15.1	10.2	6.7	3.6	1.6	1.2	0.8	1.2	1.6	3.6	6.7
142.5°	14.1	9.6	6.3	3.0	1.5	1.2	0.8	1.2	1.5	3.0	6.3
145°	12.8	9.3	6.1	2.9	2.0	1.4	0.8	1.4	2.0	2.9	6.1
147.5°	11.5	8.4	5.3	2.5	1.9	1.3	0.8	1.3	1.9	2.5	5.3
150°	10.8	7.7	4.8	3.0	2.2	1.5	0.8	1.5	2.2	3.0	4.8
152.5°	9.8	6.8	3.8	2.8	2.1	1.5	0.8	1.5	2.1	2.8	3.8
155°	8.6	5.9	3.9	3.1	2.3	1.6	0.8	1.6	2.3	3.1	3.9
157.5°	7.2	4.6	3.6	2.9	2.2	1.5	0.8	1.5	2.2	2.9	3.6
160°	6.0	4.6	3.8	3.1	2.3	1.6	0.8	1.6	2.3	3.1	3.8
162.5°	4.9	4.2	3.5	2.8	2.1	1.5	0.8	1.5	2.1	2.8	3.5
165°	4.8	4.1	3.5	2.8	2.1	1.5	0.8	1.5	2.1	2.8	3.5
167.5°	4.2	3.6	3.0	2.5	1.9	1.4	0.8	1.4	1.9	2.5	3.0
170°	3.9	3.4	2.9	2.3	1.8	1.3	0.8	1.3	1.8	2.3	2.9
172.5°	3.4	3.0	2.6	2.1	1.7	1.2	0.8	1.2	1.7	2.1	2.6
175°	2.6	2.3	2.0	1.7	1.4	1.1	0.8	1.1	1.4	1.7	2.0
177.5°	1.8	1.6	1.5	1.3	1.1	1.0	0.8	1.0	1.1	1.3	1.5
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232066

CATALOG NUMBER: FVS4WM-3-LD4-40-2LO-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	1.8	1.9	2.1	2.2	2.4	2.6	2.7	2.8	3.0	3.1
5°	2.3	2.6	2.8	3.1	3.4	3.7	4.0	4.3	4.5	4.8	5.1
7.5°	3.0	3.4	3.8	4.3	4.7	5.1	5.5	5.8	6.2	6.6	6.9
10°	3.4	3.9	4.4	5.0	5.5	6.0	6.6	7.1	8.4	9.7	10.9
12.5°	3.6	4.2	4.8	5.3	5.9	7.2	8.8	10.3	11.8	13.2	14.7
15°	4.1	4.8	5.4	6.5	8.3	10.1	11.8	13.6	15.3	17.0	18.7
17.5°	4.2	4.9	6.4	8.6	10.7	12.8	14.9	17.0	18.9	21.1	23.6
20°	4.6	6.0	8.4	10.7	13.0	15.4	17.7	20.3	23.2	26.1	29.0
22.5°	4.6	7.2	9.9	12.5	15.2	17.8	21.1	24.4	27.7	30.9	34.1
25°	5.9	8.6	11.3	14.0	16.8	20.6	24.4	28.1	31.8	35.3	39.1
27.5°	6.8	9.8	12.8	15.5	19.8	23.8	27.9	31.9	36.0	40.1	44.2
30°	7.7	10.8	13.9	18.2	22.6	26.9	31.2	35.8	40.5	45.0	49.3
32.5°	8.4	11.5	15.4	19.9	24.5	29.0	34.4	39.6	44.7	49.4	54.6
35°	9.3	12.8	17.4	22.1	26.8	32.2	37.4	42.6	48.3	53.9	59.3
37.5°	9.6	14.1	19.1	24.1	29.5	35.3	41.2	46.7	52.2	57.9	63.6
40°	10.2	15.1	20.1	25.7	31.8	37.7	43.7	50.0	56.1	62.1	68.3
42.5°	11.0	16.2	21.7	28.0	34.2	40.5	46.8	53.2	59.7	66.2	72.7
45°	11.7	16.8	22.9	29.6	36.4	43.2	49.8	56.5	63.2	70.0	76.9
47.5°	12.4	18.0	24.3	31.0	38.3	45.6	52.6	59.5	66.6	73.8	81.0
50°	12.3	18.4	24.9	32.4	40.1	47.5	55.1	62.5	69.9	77.4	84.7
52.5°	12.5	18.8	25.8	33.5	41.4	49.1	56.9	65.0	73.0	80.6	88.1
55°	13.0	19.0	26.4	34.0	42.0	50.6	59.1	67.1	75.5	83.6	91.4
57.5°	13.5	19.8	26.9	34.7	43.0	51.7	60.9	69.4	78.1	86.0	94.2
60°	13.6	19.9	27.0	34.8	44.1	53.0	62.0	71.0	79.8	87.8	96.4
62.5°	13.4	20.1	27.7	35.5	44.4	53.4	62.9	72.5	81.7	90.1	98.3
65°	13.4	20.1	27.3	35.5	44.6	53.9	64.0	73.9	83.2	91.9	100.3
67.5°	13.4	20.1	27.5	36.0	44.9	54.9	64.8	75.2	84.3	93.1	101.7
70°	13.0	19.9	27.1	35.6	44.7	55.1	65.4	75.6	85.0	94.2	103.2
72.5°	12.7	19.3	26.5	35.5	45.3	55.3	66.7	76.7	86.3	95.3	104.4
75°	12.3	18.6	26.2	35.0	44.7	55.8	66.9	77.0	86.4	95.9	105.3
77.5°	10.8	17.4	25.6	34.8	45.5	57.1	67.3	77.1	86.7	96.2	105.7
80°	9.9	16.6	24.9	34.5	45.9	57.1	67.2	77.3	86.8	96.2	105.7
82.5°	7.3	15.3	24.4	35.4	46.4	56.3	66.3	76.3	86.2	96.0	105.6
85°	4.3	14.6	24.8	35.7	45.9	55.4	65.4	76.0	86.0	95.9	106.0
87.5°	1.3	15.0	24.7	34.6	44.5	55.0	65.0	75.8	85.6	95.6	106.1
90°	0.0	14.1	24.0	34.0	43.9	55.5	64.6	74.5	84.5	96.1	105.2
92.5°	1.3	15.0	24.7	34.6	44.5	55.0	65.0	75.8	85.6	95.6	106.1
95°	4.3	14.6	24.8	35.7	45.9	55.4	65.4	76.0	86.0	95.9	106.0
97.5°	7.3	15.3	24.4	35.4	46.4	56.3	66.3	76.3	86.2	96.0	105.6
100°	9.9	16.6	24.9	34.5	45.9	57.1	67.2	77.3	86.8	96.2	105.7
102.5°	10.8	17.4	25.6	34.8	45.5	57.1	67.3	77.1	86.7	96.2	105.7
105°	12.3	18.6	26.2	35.0	44.7	55.8	66.9	77.0	86.4	95.9	105.3
107.5°	12.7	19.3	26.5	35.5	45.3	55.3	66.7	76.7	86.3	95.3	104.4
110°	13.0	19.9	27.1	35.6	44.7	55.1	65.4	75.6	85.0	94.2	103.2



TEST NUMBER: P232066

CATALOG NUMBER: FVS4WM-3-LD4-40-2LO-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°	13.4	20.1	27.5	36.0	44.9	54.9	64.8	75.2	84.3	93.1	101.7
115°	13.4	20.1	27.3	35.5	44.6	53.9	64.0	73.9	83.2	91.9	100.3
117.5°	13.4	20.1	27.7	35.5	44.4	53.4	62.9	72.5	81.7	90.1	98.3
120°	13.6	19.9	27.0	34.8	44.1	53.0	62.0	71.0	79.8	87.8	96.4
122.5°	13.5	19.8	26.9	34.7	43.0	51.7	60.9	69.4	78.1	86.0	94.2
125°	13.0	19.0	26.4	34.0	42.0	50.6	59.1	67.1	75.5	83.6	91.4
127.5°	12.5	18.8	25.8	33.5	41.4	49.1	56.9	65.0	73.0	80.6	88.1
130°	12.3	18.4	24.9	32.4	40.1	47.5	55.1	62.5	69.9	77.4	84.7
132.5°	12.4	18.0	24.3	31.0	38.3	45.6	52.6	59.5	66.6	73.8	81.0
135°	11.7	16.8	22.9	29.6	36.4	43.2	49.8	56.5	63.2	70.0	76.9
137.5°	11.0	16.2	21.7	28.0	34.2	40.5	46.8	53.2	59.7	66.2	72.7
140°	10.2	15.1	20.1	25.7	31.8	37.7	43.7	50.0	56.1	62.1	68.3
142.5°	9.6	14.1	19.1	24.1	29.5	35.3	41.2	46.7	52.2	57.9	63.6
145°	9.3	12.8	17.4	22.1	26.8	32.2	37.4	42.6	48.3	53.9	59.3
147.5°	8.4	11.5	15.4	19.9	24.5	29.0	34.4	39.6	44.7	49.4	54.6
150°	7.7	10.8	13.9	18.2	22.6	26.9	31.2	35.8	40.5	45.0	49.3
152.5°	6.8	9.8	12.8	15.5	19.8	23.8	27.9	31.9	36.0	40.1	44.2
155°	5.9	8.6	11.3	14.0	16.8	20.6	24.4	28.1	31.8	35.3	39.1
157.5°	4.6	7.2	9.9	12.5	15.2	17.8	21.1	24.4	27.7	30.9	34.1
160°	4.6	6.0	8.4	10.7	13.0	15.4	17.7	20.3	23.2	26.1	29.0
162.5°	4.2	4.9	6.4	8.6	10.7	12.8	14.9	17.0	18.9	21.1	23.6
165°	4.1	4.8	5.4	6.5	8.3	10.1	11.8	13.6	15.3	17.0	18.7
167.5°	3.6	4.2	4.8	5.3	5.9	7.2	8.8	10.3	11.8	13.2	14.7
170°	3.4	3.9	4.4	5.0	5.5	6.0	6.6	7.1	8.4	9.7	10.9
172.5°	3.0	3.4	3.8	4.3	4.7	5.1	5.5	5.8	6.2	6.6	6.9
175°	2.3	2.6	2.8	3.1	3.4	3.7	4.0	4.3	4.5	4.8	5.1
177.5°	1.6	1.8	1.9	2.1	2.2	2.4	2.6	2.7	2.8	3.0	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: P232066

CATALOG NUMBER: FVS4WM-3-LD4-40-2LO-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°	3.3	3.4	3.5	3.7	3.8	3.9	4.0	4.1	4.2	4.3	4.4
5°	5.4	5.6	5.9	6.1	6.4	6.6	6.9	7.1	7.3	7.5	7.7
7.5°	7.3	7.5	8.5	9.3	10.1	10.8	11.5	12.2	12.9	13.5	14.0
10°	12.0	13.1	14.2	15.2	16.1	17.1	18.0	18.8	19.7	20.5	21.2
12.5°	16.1	17.6	19.0	20.4	21.7	23.1	24.5	25.9	27.2	28.4	29.6
15°	20.4	22.2	24.2	26.2	28.2	30.2	32.2	34.1	35.9	37.4	38.7
17.5°	26.2	28.6	31.0	33.2	35.4	37.4	39.4	41.7	43.9	46.1	48.1
20°	31.8	34.6	37.4	40.0	42.9	45.4	47.9	50.3	52.7	55.1	57.3
22.5°	37.3	40.6	43.9	47.1	50.2	53.2	56.0	58.8	61.6	64.4	66.8
25°	42.9	46.6	50.3	53.9	57.4	60.9	64.1	67.1	70.2	73.2	76.0
27.5°	48.3	52.4	56.4	60.5	64.5	68.4	72.1	75.5	78.8	82.1	85.1
30°	53.6	58.2	62.7	67.1	71.5	75.9	79.9	83.5	87.1	90.6	94.0
32.5°	59.4	64.3	69.2	73.8	78.3	82.9	87.4	91.5	95.2	98.9	102.7
35°	64.6	69.9	75.0	80.0	85.0	90.0	94.8	99.2	103.3	107.1	111.0
37.5°	69.5	75.2	80.7	86.0	91.2	96.5	101.6	106.4	111.1	115.4	119.5
40°	74.5	80.7	86.5	91.9	97.4	103.2	108.6	113.3	118.2	122.9	127.2
42.5°	79.2	85.6	91.7	97.6	103.1	109.1	115.0	120.1	125.0	129.9	134.7
45°	83.5	90.2	96.9	103.0	109.1	114.9	120.8	126.6	131.6	136.6	141.6
47.5°	87.9	94.7	101.4	107.8	114.6	120.7	126.5	132.5	137.9	143.0	148.4
50°	91.8	99.1	106.4	112.6	118.9	125.6	132.1	138.4	144.2	149.2	154.5
52.5°	95.2	102.8	110.1	117.2	123.6	130.1	136.8	143.3	149.4	155.2	160.7
55°	98.8	106.6	114.0	121.1	128.0	134.7	141.5	148.1	154.4	160.5	166.2
57.5°	101.9	109.8	117.5	124.7	132.2	139.0	145.9	152.7	159.1	165.4	171.6
60°	104.5	112.4	120.8	128.1	135.4	142.8	150.1	157.2	163.6	169.8	175.9
62.5°	106.9	115.0	123.3	131.3	138.8	146.2	153.4	160.9	167.8	174.1	180.3
65°	109.0	117.5	125.6	133.7	142.0	149.7	156.9	164.3	171.5	177.9	184.4
67.5°	111.0	119.5	127.9	136.0	144.5	152.8	160.3	167.4	174.7	181.5	188.1
70°	112.2	121.0	129.8	138.3	147.0	155.6	163.2	170.2	177.1	183.9	190.5
72.5°	113.6	122.0	131.4	140.1	148.6	156.6	164.7	172.5	179.6	186.3	193.0
75°	114.9	123.5	132.8	141.7	150.1	158.0	166.2	174.2	181.3	188.2	195.3
77.5°	115.3	124.5	133.7	142.6	151.0	159.4	167.8	175.8	183.0	190.0	197.2
80°	115.3	124.8	134.3	143.3	151.7	160.3	168.6	176.4	184.3	191.5	198.4
82.5°	115.2	124.9	134.2	143.8	152.3	161.2	169.4	177.1	185.1	192.5	199.4
85°	115.2	124.7	134.3	143.7	152.5	161.6	169.9	178.0	185.6	193.0	200.4
87.5°	115.3	124.6	134.6	143.7	152.8	161.6	170.2	178.5	185.6	193.4	200.5
90°	115.1	125.0	135.0	144.1	153.2	161.5	170.6	178.9	185.5	193.8	200.4
92.5°	115.3	124.6	134.6	143.7	152.8	161.6	170.2	178.5	185.6	193.4	200.5
95°	115.2	124.7	134.3	143.7	152.5	161.6	169.9	178.0	185.6	193.0	200.4
97.5°	115.2	124.9	134.2	143.8	152.3	161.2	169.4	177.1	185.1	192.5	199.4
100°	115.3	124.8	134.3	143.3	151.7	160.3	168.6	176.4	184.3	191.5	198.4
102.5°	115.3	124.5	133.7	142.6	151.0	159.4	167.8	175.8	183.0	190.0	197.2
105°	114.9	123.5	132.8	141.7	150.1	158.0	166.2	174.2	181.3	188.2	195.3
107.5°	113.6	122.0	131.4	140.1	148.6	156.6	164.7	172.5	179.6	186.3	193.0
110°	112.2	121.0	129.8	138.3	147.0	155.6	163.2	170.2	177.1	183.9	190.5



TEST NUMBER: P232066

CATALOG NUMBER: FVS4WM-3-LD4-40-2LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	111.0	119.5	127.9	136.0	144.5	152.8	160.3	167.4	174.7	181.5	188.1
115°	109.0	117.5	125.6	133.7	142.0	149.7	156.9	164.3	171.5	177.9	184.4
117.5°	106.9	115.0	123.3	131.3	138.8	146.2	153.4	160.9	167.8	174.1	180.3
120°	104.5	112.4	120.8	128.1	135.4	142.8	150.1	157.2	163.6	169.8	175.9
122.5°	101.9	109.8	117.5	124.7	132.2	139.0	145.9	152.7	159.1	165.4	171.6
125°	98.8	106.6	114.0	121.1	128.0	134.7	141.5	148.1	154.4	160.5	166.2
127.5°	95.2	102.8	110.1	117.2	123.6	130.1	136.8	143.3	149.4	155.2	160.7
130°	91.8	99.1	106.4	112.6	118.9	125.6	132.1	138.4	144.2	149.2	154.5
132.5°	87.9	94.7	101.4	107.8	114.6	120.7	126.5	132.5	137.9	143.0	148.4
135°	83.5	90.2	96.9	103.0	109.1	114.9	120.8	126.6	131.6	136.6	141.6
137.5°	79.2	85.6	91.7	97.6	103.1	109.1	115.0	120.1	125.0	129.9	134.7
140°	74.5	80.7	86.5	91.9	97.4	103.2	108.6	113.3	118.2	122.9	127.2
142.5°	69.5	75.2	80.7	86.0	91.2	96.5	101.6	106.4	111.1	115.4	119.5
145°	64.6	69.9	75.0	80.0	85.0	90.0	94.8	99.2	103.3	107.1	111.0
147.5°	59.4	64.3	69.2	73.8	78.3	82.9	87.4	91.5	95.2	98.9	102.7
150°	53.6	58.2	62.7	67.1	71.5	75.9	79.9	83.5	87.1	90.6	94.0
152.5°	48.3	52.4	56.4	60.5	64.5	68.4	72.1	75.5	78.8	82.1	85.1
155°	42.9	46.6	50.3	53.9	57.4	60.9	64.1	67.1	70.2	73.2	76.0
157.5°	37.3	40.6	43.9	47.1	50.2	53.2	56.0	58.8	61.6	64.4	66.8
160°	31.8	34.6	37.4	40.0	42.9	45.4	47.9	50.3	52.7	55.1	57.3
162.5°	26.2	28.6	31.0	33.2	35.4	37.4	39.4	41.7	43.9	46.1	48.1
165°	20.4	22.2	24.2	26.2	28.2	30.2	32.2	34.1	35.9	37.4	38.7
167.5°	16.1	17.6	19.0	20.4	21.7	23.1	24.5	25.9	27.2	28.4	29.6
170°	12.0	13.1	14.2	15.2	16.1	17.1	18.0	18.8	19.7	20.5	21.2
172.5°	7.3	7.5	8.5	9.3	10.1	10.8	11.5	12.2	12.9	13.5	14.0
175°	5.4	5.6	5.9	6.1	6.4	6.6	6.9	7.1	7.3	7.5	7.7
177.5°	3.3	3.4	3.5	3.7	3.8	3.9	4.0	4.1	4.2	4.3	4.4
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: P232066

CATALOG NUMBER: FVS4WM-3-LD4-40-2LO-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°	4.5	4.6	4.6	4.7	4.8	4.8	4.9	4.9	4.9	5.0	5.3
5°	7.9	8.1	8.3	8.4	8.6	8.7	8.8	8.9	9.0	9.1	9.9
7.5°	14.6	15.1	15.6	16.1	16.5	17.0	17.3	17.7	18.0	18.2	19.3
10°	21.9	22.6	23.1	23.7	24.4	25.1	25.7	26.3	26.8	27.3	28.7
12.5°	30.6	31.7	32.6	33.5	34.3	35.2	36.0	36.8	37.5	38.1	39.9
15°	39.9	41.1	42.3	43.4	44.5	45.5	46.4	47.4	48.2	48.9	51.2
17.5°	49.7	51.2	52.7	54.1	55.4	56.5	57.6	58.7	59.6	60.5	63.2
20°	59.3	61.3	63.1	65.0	66.4	67.7	68.9	70.0	71.1	72.0	75.3
22.5°	69.0	71.1	73.3	75.3	77.1	78.5	79.7	81.1	82.4	83.6	87.0
25°	78.6	81.1	83.4	85.6	87.7	89.3	90.6	92.0	93.7	95.2	98.6
27.5°	88.1	90.8	93.4	95.7	97.9	99.8	101.4	103.0	104.8	106.4	110.5
30°	97.3	100.4	103.2	105.7	108.0	110.2	112.1	113.9	115.8	117.6	122.4
32.5°	106.2	109.6	112.7	115.4	117.9	120.2	122.2	124.1	126.1	128.0	133.2
35°	114.8	118.4	121.7	124.9	127.7	130.1	132.3	134.2	136.3	138.3	143.9
37.5°	123.3	127.0	130.5	133.8	137.0	139.3	141.5	143.6	145.9	148.3	153.9
40°	131.2	135.0	138.9	142.6	145.8	148.5	150.8	152.9	155.4	158.2	163.9
42.5°	139.2	143.0	146.8	150.7	154.1	157.0	159.3	161.7	164.2	166.9	173.2
45°	146.2	150.5	154.6	158.2	161.9	165.3	167.7	170.4	173.1	175.6	182.5
47.5°	153.3	157.7	162.1	165.9	169.6	173.1	175.5	178.2	181.0	183.9	191.1
50°	159.7	164.2	169.0	173.3	177.3	180.6	183.2	185.9	188.9	192.1	199.7
52.5°	166.0	170.7	175.4	179.9	183.9	187.4	190.4	193.0	195.8	199.2	207.0
55°	171.6	176.7	181.5	185.9	190.0	194.0	197.4	200.2	202.8	206.2	214.2
57.5°	177.2	182.3	187.3	191.8	195.9	200.0	203.3	206.1	208.9	212.4	220.7
60°	181.8	187.4	192.6	197.4	201.7	205.8	209.2	211.9	215.0	218.6	227.2
62.5°	186.2	192.0	197.2	202.2	206.6	210.7	214.2	217.0	219.9	224.0	232.8
65°	190.4	195.9	201.5	206.7	211.2	215.4	219.1	222.2	224.8	229.4	238.3
67.5°	194.2	199.7	205.2	210.5	215.3	219.4	223.2	226.3	228.9	233.6	242.7
70°	197.1	203.2	208.6	213.9	219.1	223.3	227.2	230.4	233.0	237.7	247.0
72.5°	199.7	206.0	211.5	216.7	222.0	226.2	230.1	233.3	236.2	240.6	250.0
75°	202.0	208.5	214.0	219.2	224.7	228.9	232.9	236.2	239.4	243.5	253.4
77.5°	203.9	210.2	215.8	221.2	226.8	230.9	235.3	238.2	241.5	245.6	255.4
80°	205.6	211.5	217.3	223.1	228.7	232.9	237.7	240.2	243.6	247.6	257.5
82.5°	206.5	212.6	218.4	224.2	229.5	234.1	238.6	241.4	244.3	248.9	258.3
85°	207.1	213.6	219.4	225.2	230.3	235.2	239.3	242.6	245.1	250.1	259.2
87.5°	207.1	213.6	219.9	225.2	230.6	235.2	239.7	243.1	245.5	250.5	260.0
90°	207.0	213.6	220.3	225.2	231.0	235.2	240.1	243.5	245.9	250.9	260.8
92.5°	207.1	213.6	219.9	225.2	230.6	235.2	239.7	243.1	245.5	250.5	260.0
95°	207.1	213.6	219.4	225.2	230.3	235.2	239.3	242.6	245.1	250.1	259.2
97.5°	206.5	212.6	218.4	224.2	229.5	234.1	238.6	241.4	244.3	248.9	258.3
100°	205.6	211.5	217.3	223.1	228.7	232.9	237.7	240.2	243.6	247.6	257.5
102.5°	203.9	210.2	215.8	221.2	226.8	230.9	235.3	238.2	241.5	245.6	255.4
105°	202.0	208.5	214.0	219.2	224.7	228.9	232.9	236.2	239.4	243.5	253.4
107.5°	199.7	206.0	211.5	216.7	222.0	226.2	230.1	233.3	236.2	240.6	250.0
110°	197.1	203.2	208.6	213.9	219.1	223.3	227.2	230.4	233.0	237.7	247.0



TEST NUMBER: P232066

CATALOG NUMBER: FVS4WM-3-LD4-40-2LO-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°	194.2	199.7	205.2	210.5	215.3	219.4	223.2	226.3	228.9	233.6	242.7
115°	190.4	195.9	201.5	206.7	211.2	215.4	219.1	222.2	224.8	229.4	238.3
117.5°	186.2	192.0	197.2	202.2	206.6	210.7	214.2	217.0	219.9	224.0	232.8
120°	181.8	187.4	192.6	197.4	201.7	205.8	209.2	211.9	215.0	218.6	227.2
122.5°	177.2	182.3	187.3	191.8	195.9	200.0	203.3	206.1	208.9	212.4	220.7
125°	171.6	176.7	181.5	185.9	190.0	194.0	197.4	200.2	202.8	206.2	214.2
127.5°	166.0	170.7	175.4	179.9	183.9	187.4	190.4	193.0	195.8	199.2	207.0
130°	159.7	164.2	169.0	173.3	177.3	180.6	183.2	185.9	188.9	192.1	199.7
132.5°	153.3	157.7	162.1	165.9	169.6	173.1	175.5	178.2	181.0	183.9	191.1
135°	146.2	150.5	154.6	158.2	161.9	165.3	167.7	170.4	173.1	175.6	182.5
137.5°	139.2	143.0	146.8	150.7	154.1	157.0	159.3	161.7	164.2	166.9	173.2
140°	131.2	135.0	138.9	142.6	145.8	148.5	150.8	152.9	155.4	158.2	163.9
142.5°	123.3	127.0	130.5	133.8	137.0	139.3	141.5	143.6	145.9	148.3	153.9
145°	114.8	118.4	121.7	124.9	127.7	130.1	132.3	134.2	136.3	138.3	143.9
147.5°	106.2	109.6	112.7	115.4	117.9	120.2	122.2	124.1	126.1	128.0	133.2
150°	97.3	100.4	103.2	105.7	108.0	110.2	112.1	113.9	115.8	117.6	122.4
152.5°	88.1	90.8	93.4	95.7	97.9	99.8	101.4	103.0	104.8	106.4	110.5
155°	78.6	81.1	83.4	85.6	87.7	89.3	90.6	92.0	93.7	95.2	98.6
157.5°	69.0	71.1	73.3	75.3	77.1	78.5	79.7	81.1	82.4	83.6	87.0
160°	59.3	61.3	63.1	65.0	66.4	67.7	68.9	70.0	71.1	72.0	75.3
162.5°	49.7	51.2	52.7	54.1	55.4	56.5	57.6	58.7	59.6	60.5	63.2
165°	39.9	41.1	42.3	43.4	44.5	45.5	46.4	47.4	48.2	48.9	51.2
167.5°	30.6	31.7	32.6	33.5	34.3	35.2	36.0	36.8	37.5	38.1	39.9
170°	21.9	22.6	23.1	23.7	24.4	25.1	25.7	26.3	26.8	27.3	28.7
172.5°	14.6	15.1	15.6	16.1	16.5	17.0	17.3	17.7	18.0	18.2	19.3
175°	7.9	8.1	8.3	8.4	8.6	8.7	8.8	8.9	9.0	9.1	9.9
177.5°	4.5	4.6	4.6	4.7	4.8	4.8	4.9	4.9	4.9	5.0	5.3
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: P232066

CATALOG NUMBER: FVS4WM-3-LD4-40-2LO-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°	5.7	6.1	6.5	6.8	7.2	7.5	7.8	8.1	8.4	8.7	8.9
5°	10.7	11.4	12.1	12.8	13.5	14.2	14.8	15.4	16.0	16.6	17.1
7.5°	20.4	21.4	22.3	23.2	24.0	24.8	25.8	27.7	29.5	31.1	32.7
10°	30.0	31.3	32.5	33.6	35.0	37.9	40.7	43.3	45.8	48.1	50.5
12.5°	41.7	43.3	44.8	46.9	50.4	53.8	57.0	60.1	63.7	67.7	71.4
15°	53.4	55.4	57.6	61.7	65.7	69.5	73.5	79.2	84.5	89.6	95.0
17.5°	65.9	68.4	72.4	77.1	81.6	86.6	93.4	100.0	106.3	112.4	118.1
20°	78.5	81.7	87.2	92.6	98.0	105.8	113.3	120.6	128.1	135.2	141.9
22.5°	90.3	94.7	101.2	107.4	115.7	124.5	133.0	141.8	150.4	158.9	168.1
25°	101.8	107.7	115.1	123.0	133.5	143.6	153.5	163.2	173.1	184.2	194.6
27.5°	114.4	121.8	129.8	139.8	150.8	162.0	173.2	184.4	197.4	209.9	220.9
30°	127.0	136.0	144.8	156.0	167.9	180.1	192.6	206.5	220.4	233.1	245.0
32.5°	138.8	148.3	158.5	170.9	183.9	198.1	212.7	227.8	242.2	255.6	269.6
35°	150.4	160.3	172.1	185.7	200.6	216.7	231.9	247.7	263.4	278.7	294.4
37.5°	161.5	172.4	185.8	200.2	216.6	233.3	250.4	267.9	286.5	301.8	318.2
40°	172.5	184.6	199.4	214.9	231.7	250.3	269.0	287.8	305.9	323.5	341.4
42.5°	182.8	195.5	211.4	228.3	246.3	266.7	287.1	307.3	325.9	344.7	363.7
45°	193.0	206.5	222.8	241.3	261.0	281.9	304.2	325.3	344.9	365.0	384.8
47.5°	202.6	217.2	233.7	253.8	275.1	297.3	321.0	342.7	363.5	385.5	404.9
50°	212.3	227.7	244.6	265.9	289.0	312.4	335.6	358.1	380.5	402.5	424.2
52.5°	220.0	236.1	254.7	277.1	301.7	326.0	349.8	373.3	397.1	419.6	441.8
55°	227.4	244.3	264.5	288.2	313.2	339.1	363.9	387.9	411.9	435.7	459.2
57.5°	234.6	252.2	273.6	298.0	323.5	351.3	376.8	401.5	426.3	451.6	476.7
60°	241.7	260.1	282.4	307.2	333.3	362.1	388.2	414.5	440.7	466.1	489.9
62.5°	247.5	267.4	290.5	315.9	343.3	372.0	399.1	426.9	454.3	479.0	503.0
65°	253.3	274.7	298.1	324.7	352.9	381.2	409.1	436.7	464.8	490.8	515.3
67.5°	258.1	280.0	304.5	332.2	360.8	389.5	418.2	446.2	474.6	502.0	526.0
70°	262.8	285.0	310.6	339.1	367.8	397.0	426.6	455.4	483.3	510.6	536.8
72.5°	266.6	289.1	315.0	344.2	374.0	403.8	433.6	463.2	491.1	519.3	547.0
75°	270.3	293.0	319.0	348.6	379.9	409.8	439.3	469.9	498.4	526.2	553.4
77.5°	273.2	296.3	322.6	352.8	383.9	414.2	444.4	475.4	504.0	531.7	559.4
80°	276.6	299.4	326.1	356.7	387.0	417.7	449.1	479.5	507.7	536.3	564.1
82.5°	277.4	301.4	329.5	358.8	389.5	419.9	452.5	482.0	510.8	539.7	567.6
85°	278.2	302.3	331.1	361.0	392.4	422.3	456.1	484.4	513.6	541.8	569.9
87.5°	278.6	301.9	330.4	361.0	393.3	423.1	455.9	485.2	514.7	544.3	571.4
90°	279.1	301.4	329.6	361.0	394.2	424.0	455.4	486.1	514.2	545.7	571.4
92.5°	278.6	301.9	330.4	361.0	393.3	423.1	455.9	485.2	514.7	544.3	571.4
95°	278.2	302.3	331.1	361.0	392.4	422.3	456.1	484.4	513.6	541.8	569.9
97.5°	277.4	301.4	329.5	358.8	389.5	419.9	452.5	482.0	510.8	539.7	567.6
100°	276.6	299.4	326.1	356.7	387.0	417.7	449.1	479.5	507.7	536.3	564.1
102.5°	273.2	296.3	322.6	352.8	383.9	414.2	444.4	475.4	504.0	531.7	559.4
105°	270.3	293.0	319.0	348.6	379.9	409.8	439.3	469.9	498.4	526.2	553.4
107.5°	266.6	289.1	315.0	344.2	374.0	403.8	433.6	463.2	491.1	519.3	547.0
110°	262.8	285.0	310.6	339.1	367.8	397.0	426.6	455.4	483.3	510.6	536.8



TEST NUMBER: P232066

CATALOG NUMBER: FVS4WM-3-LD4-40-2LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	258.1	280.0	304.5	332.2	360.8	389.5	418.2	446.2	474.6	502.0	526.0
115°	253.3	274.7	298.1	324.7	352.9	381.2	409.1	436.7	464.8	490.8	515.3
117.5°	247.5	267.4	290.5	315.9	343.3	372.0	399.1	426.9	454.3	479.0	503.0
120°	241.7	260.1	282.4	307.2	333.3	362.1	388.2	414.5	440.7	466.1	489.9
122.5°	234.6	252.2	273.6	298.0	323.5	351.3	376.8	401.5	426.3	451.6	476.7
125°	227.4	244.3	264.5	288.2	313.2	339.1	363.9	387.9	411.9	435.7	459.2
127.5°	220.0	236.1	254.7	277.1	301.7	326.0	349.8	373.3	397.1	419.6	441.8
130°	212.3	227.7	244.6	265.9	289.0	312.4	335.6	358.1	380.5	402.5	424.2
132.5°	202.6	217.2	233.7	253.8	275.1	297.3	321.0	342.7	363.5	385.5	404.9
135°	193.0	206.5	222.8	241.3	261.0	281.9	304.2	325.3	344.9	365.0	384.8
137.5°	182.8	195.5	211.4	228.3	246.3	266.7	287.1	307.3	325.9	344.7	363.7
140°	172.5	184.6	199.4	214.9	231.7	250.3	269.0	287.8	305.9	323.5	341.4
142.5°	161.5	172.4	185.8	200.2	216.6	233.3	250.4	267.9	286.5	301.8	318.2
145°	150.4	160.3	172.1	185.7	200.6	216.7	231.9	247.7	263.4	278.7	294.4
147.5°	138.8	148.3	158.5	170.9	183.9	198.1	212.7	227.8	242.2	255.6	269.6
150°	127.0	136.0	144.8	156.0	167.9	180.1	192.6	206.5	220.4	233.1	245.0
152.5°	114.4	121.8	129.8	139.8	150.8	162.0	173.2	184.4	197.4	209.9	220.9
155°	101.8	107.7	115.1	123.0	133.5	143.6	153.5	163.2	173.1	184.2	194.6
157.5°	90.3	94.7	101.2	107.4	115.7	124.5	133.0	141.8	150.4	158.9	168.1
160°	78.5	81.7	87.2	92.6	98.0	105.8	113.3	120.6	128.1	135.2	141.9
162.5°	65.9	68.4	72.4	77.1	81.6	86.6	93.4	100.0	106.3	112.4	118.1
165°	53.4	55.4	57.6	61.7	65.7	69.5	73.5	79.2	84.5	89.6	95.0
167.5°	41.7	43.3	44.8	46.9	50.4	53.8	57.0	60.1	63.7	67.7	71.4
170°	30.0	31.3	32.5	33.6	35.0	37.9	40.7	43.3	45.8	48.1	50.5
172.5°	20.4	21.4	22.3	23.2	24.0	24.8	25.8	27.7	29.5	31.1	32.7
175°	10.7	11.4	12.1	12.8	13.5	14.2	14.8	15.4	16.0	16.6	17.1
177.5°	5.7	6.1	6.5	6.8	7.2	7.5	7.8	8.1	8.4	8.7	8.9
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: P232066

CATALOG NUMBER: FVS4WM-3-LD4-40-2LO-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°	9.2	9.4	9.6	9.8	10.0	10.2	10.3	10.4	10.5	10.6	10.7
5°	18.3	19.4	20.5	21.5	22.5	23.4	24.3	25.1	25.8	26.5	27.1
7.5°	34.2	35.6	36.8	37.9	39.1	40.7	41.9	44.0	45.7	47.3	48.7
10°	53.2	56.0	58.6	61.1	63.4	65.6	67.6	69.8	72.0	74.0	75.7
12.5°	74.9	78.0	81.1	85.3	89.2	92.8	96.2	99.2	102.0	104.7	107.3
15°	99.2	104.0	108.6	113.1	117.4	121.9	126.1	130.0	133.9	137.4	140.8
17.5°	123.5	129.6	135.3	141.5	147.2	152.5	157.8	162.9	167.5	171.6	175.5
20°	149.5	157.1	164.2	171.2	178.2	185.1	191.4	197.2	202.3	207.0	211.3
22.5°	176.9	185.6	194.6	203.1	211.3	217.8	224.2	230.2	236.1	241.6	246.2
25°	204.8	215.0	226.4	233.8	241.8	249.3	257.1	264.5	271.4	277.4	281.9
27.5°	231.6	242.6	253.4	263.3	272.6	281.5	291.5	297.7	304.3	310.3	315.7
30°	257.6	270.7	282.9	293.7	304.0	313.1	321.6	329.6	337.2	344.1	351.3
32.5°	284.1	297.9	310.7	322.8	333.2	342.6	352.3	361.4	369.8	377.0	384.1
35°	309.7	324.0	337.9	350.9	362.3	372.8	383.1	392.8	401.8	409.7	416.2
37.5°	334.5	350.0	365.2	379.0	390.2	401.8	413.5	423.9	432.7	442.2	447.8
40°	359.0	375.1	390.3	403.9	417.4	431.3	443.2	453.2	462.6	470.9	478.5
42.5°	381.7	398.7	414.4	429.1	443.9	457.4	469.7	481.0	492.1	500.2	509.0
45°	404.0	421.4	438.1	454.3	468.8	482.7	495.7	507.8	518.6	528.0	536.3
47.5°	424.6	443.1	461.4	478.0	492.5	507.0	521.0	534.3	545.2	554.5	563.1
50°	444.6	464.0	482.6	499.4	515.0	530.3	544.3	557.7	570.6	579.7	588.6
52.5°	463.4	483.6	502.5	520.3	536.9	552.0	566.7	581.2	592.1	602.9	612.8
55°	481.3	502.0	521.7	539.1	556.6	573.8	588.8	601.9	613.9	625.1	634.5
57.5°	496.8	518.4	538.6	558.2	576.3	592.8	608.1	622.2	634.2	645.5	655.9
60°	511.2	535.8	555.8	575.2	593.5	610.3	626.0	640.3	653.2	665.3	676.2
62.5°	526.6	550.0	570.9	591.0	609.6	626.6	642.6	657.7	670.7	682.8	694.0
65°	539.7	563.2	584.8	605.0	624.2	641.7	658.1	673.3	686.7	698.9	710.7
67.5°	550.6	575.5	597.1	617.9	637.5	655.6	672.3	687.3	701.4	714.0	725.6
70°	561.2	586.6	608.0	630.1	649.9	668.2	684.5	699.6	714.1	727.0	739.3
72.5°	570.9	594.8	618.0	640.1	660.0	680.0	696.3	711.4	726.2	739.5	751.7
75°	578.3	602.5	626.3	648.2	668.2	687.7	704.8	721.4	737.0	749.9	761.8
77.5°	584.5	609.3	632.6	654.9	675.7	694.5	712.4	729.2	743.7	758.0	770.8
80°	589.4	614.5	637.7	660.2	681.3	700.3	718.3	735.0	750.3	764.7	777.6
82.5°	593.4	618.4	641.8	663.8	685.7	704.8	722.3	739.6	755.0	769.3	782.5
85°	596.1	620.4	644.7	666.4	687.6	707.1	725.0	742.3	757.4	772.4	785.0
87.5°	597.6	622.6	647.0	668.6	689.5	708.8	727.3	744.0	758.7	774.2	786.6
90°	597.1	623.6	647.6	669.1	690.6	708.8	727.9	745.3	759.4	773.4	785.9
92.5°	597.6	622.6	647.0	668.6	689.5	708.8	727.3	744.0	758.7	774.2	786.6
95°	596.1	620.4	644.7	666.4	687.6	707.1	725.0	742.3	757.4	772.4	785.0
97.5°	593.4	618.4	641.8	663.8	685.7	704.8	722.3	739.6	755.0	769.3	782.5
100°	589.4	614.5	637.7	660.2	681.3	700.3	718.3	735.0	750.3	764.7	777.6
102.5°	584.5	609.3	632.6	654.9	675.7	694.5	712.4	729.2	743.7	758.0	770.8
105°	578.3	602.5	626.3	648.2	668.2	687.7	704.8	721.4	737.0	749.9	761.8
107.5°	570.9	594.8	618.0	640.1	660.0	680.0	696.3	711.4	726.2	739.5	751.7
110°	561.2	586.6	608.0	630.1	649.9	668.2	684.5	699.6	714.1	727.0	739.3



TEST NUMBER: P232066

CATALOG NUMBER: FVS4WM-3-LD4-40-2LO-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°	550.6	575.5	597.1	617.9	637.5	655.6	672.3	687.3	701.4	714.0	725.6
115°	539.7	563.2	584.8	605.0	624.2	641.7	658.1	673.3	686.7	698.9	710.7
117.5°	526.6	550.0	570.9	591.0	609.6	626.6	642.6	657.7	670.7	682.8	694.0
120°	511.2	535.8	555.8	575.2	593.5	610.3	626.0	640.3	653.2	665.3	676.2
122.5°	496.8	518.4	538.6	558.2	576.3	592.8	608.1	622.2	634.2	645.5	655.9
125°	481.3	502.0	521.7	539.1	556.6	573.8	588.8	601.9	613.9	625.1	634.5
127.5°	463.4	483.6	502.5	520.3	536.9	552.0	566.7	581.2	592.1	602.9	612.8
130°	444.6	464.0	482.6	499.4	515.0	530.3	544.3	557.7	570.6	579.7	588.6
132.5°	424.6	443.1	461.4	478.0	492.5	507.0	521.0	534.3	545.2	554.5	563.1
135°	404.0	421.4	438.1	454.3	468.8	482.7	495.7	507.8	518.6	528.0	536.3
137.5°	381.7	398.7	414.4	429.1	443.9	457.4	469.7	481.0	492.1	500.2	509.0
140°	359.0	375.1	390.3	403.9	417.4	431.3	443.2	453.2	462.6	470.9	478.5
142.5°	334.5	350.0	365.2	379.0	390.2	401.8	413.5	423.9	432.7	442.2	447.8
145°	309.7	324.0	337.9	350.9	362.3	372.8	383.1	392.8	401.8	409.7	416.2
147.5°	284.1	297.9	310.7	322.8	333.2	342.6	352.3	361.4	369.8	377.0	384.1
150°	257.6	270.7	282.9	293.7	304.0	313.1	321.6	329.6	337.2	344.1	351.3
152.5°	231.6	242.6	253.4	263.3	272.6	281.5	291.5	297.7	304.3	310.3	315.7
155°	204.8	215.0	226.4	233.8	241.8	249.3	257.1	264.5	271.4	277.4	281.9
157.5°	176.9	185.6	194.6	203.1	211.3	217.8	224.2	230.2	236.1	241.6	246.2
160°	149.5	157.1	164.2	171.2	178.2	185.1	191.4	197.2	202.3	207.0	211.3
162.5°	123.5	129.6	135.3	141.5	147.2	152.5	157.8	162.9	167.5	171.6	175.5
165°	99.2	104.0	108.6	113.1	117.4	121.9	126.1	130.0	133.9	137.4	140.8
167.5°	74.9	78.0	81.1	85.3	89.2	92.8	96.2	99.2	102.0	104.7	107.3
170°	53.2	56.0	58.6	61.1	63.4	65.6	67.6	69.8	72.0	74.0	75.7
172.5°	34.2	35.6	36.8	37.9	39.1	40.7	41.9	44.0	45.7	47.3	48.7
175°	18.3	19.4	20.5	21.5	22.5	23.4	24.3	25.1	25.8	26.5	27.1
177.5°	9.2	9.4	9.6	9.8	10.0	10.2	10.3	10.4	10.5	10.6	10.7
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: P232066

CATALOG NUMBER: FVS4WM-3-LD4-40-2LO-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°	10.8	10.8	10.8	10.8	10.8	10.7	11.0	10.8	10.6	10.4	10.3
5°	27.7	28.2	28.6	29.0	29.3	29.5	29.6	29.7	30.3	30.0	29.6
7.5°	50.0	51.1	52.1	52.9	53.5	54.0	54.3	54.5	54.5	54.9	54.3
10°	77.0	79.0	80.7	82.2	83.4	84.5	85.3	85.9	86.3	87.5	86.8
12.5°	109.7	111.7	113.5	115.2	117.0	118.6	119.7	120.5	120.9	121.0	121.4
15°	143.8	146.4	148.6	150.2	151.4	152.8	154.2	155.3	156.0	156.3	157.1
17.5°	179.0	182.0	184.6	186.7	188.3	189.4	190.6	191.7	192.4	192.5	193.0
20°	215.1	218.4	221.1	223.5	225.7	227.4	228.7	229.9	230.7	230.9	231.6
22.5°	249.9	252.6	255.4	259.3	262.2	264.2	265.1	265.2	266.2	267.0	268.5
25°	286.3	290.7	294.8	297.6	299.6	301.1	301.9	302.2	302.4	303.1	303.0
27.5°	321.0	325.9	329.7	332.6	334.3	336.6	338.0	338.6	338.5	339.5	340.0
30°	356.0	360.6	364.6	367.7	369.9	371.5	373.1	373.8	373.6	373.6	373.6
32.5°	389.9	394.7	398.5	402.2	404.5	405.6	406.4	407.5	407.9	407.8	407.8
35°	422.1	427.3	431.4	434.4	436.7	438.2	438.9	439.8	439.8	438.7	439.1
37.5°	453.9	459.3	463.8	467.2	469.7	471.3	471.9	471.9	471.5	470.1	469.8
40°	485.5	491.5	495.8	499.0	501.3	502.7	503.2	502.4	502.1	501.2	500.4
42.5°	515.9	521.3	525.8	528.9	531.4	533.2	533.3	532.3	531.3	530.1	528.2
45°	543.5	549.3	553.8	557.3	560.2	562.8	561.4	560.5	558.9	558.2	556.5
47.5°	570.8	576.4	581.3	585.3	587.5	588.2	588.1	587.7	586.1	584.8	583.0
50°	595.7	602.0	608.4	612.5	614.7	616.1	616.3	615.0	612.7	610.4	609.1
52.5°	620.4	629.1	634.7	638.3	640.4	641.4	641.7	640.4	638.2	635.8	634.5
55°	642.5	651.1	657.1	660.7	663.1	665.0	665.6	664.3	662.1	659.3	657.9
57.5°	665.2	672.5	677.8	682.9	687.1	688.3	688.8	687.6	684.7	681.7	679.8
60°	685.1	692.3	699.1	704.6	708.5	710.3	710.8	710.0	706.9	703.5	700.5
62.5°	703.0	711.7	718.9	724.7	728.5	729.7	730.8	730.1	727.3	723.5	720.2
65°	720.3	728.9	736.6	741.9	746.7	748.9	749.3	748.5	746.0	741.6	738.6
67.5°	736.5	745.2	752.2	757.8	762.5	765.4	766.2	765.4	763.1	758.8	754.8
70°	749.5	758.8	766.4	772.4	777.1	780.6	781.5	780.8	779.2	774.8	769.6
72.5°	762.0	771.6	779.8	784.8	789.4	792.8	794.4	794.2	792.6	788.4	783.3
75°	772.8	782.2	789.9	795.8	800.4	803.0	804.5	805.4	803.9	800.7	795.3
77.5°	781.9	791.2	798.3	804.4	808.8	811.7	813.2	814.1	813.4	811.3	805.7
80°	788.8	798.3	805.6	812.1	816.2	818.8	820.2	820.6	820.0	819.0	814.7
82.5°	793.9	802.9	810.7	817.0	821.3	823.7	825.2	825.4	824.5	822.9	821.9
85°	796.6	805.8	813.9	819.5	823.8	826.6	828.0	828.3	827.2	825.8	824.2
87.5°	798.3	807.0	814.6	819.8	824.1	826.8	827.9	828.3	827.3	825.7	823.9
90°	798.3	806.6	814.0	819.8	823.1	825.6	826.4	826.4	824.8	821.5	818.2
92.5°	798.3	807.0	814.6	819.8	824.1	826.8	827.9	828.3	827.3	825.7	823.9
95°	796.6	805.8	813.9	819.5	823.8	826.6	828.0	828.3	827.2	825.8	824.2
97.5°	793.9	802.9	810.7	817.0	821.3	823.7	825.2	825.4	824.5	822.9	821.9
100°	788.8	798.3	805.6	812.1	816.2	818.8	820.2	820.6	820.0	819.0	814.7
102.5°	781.9	791.2	798.3	804.4	808.8	811.7	813.2	814.1	813.4	811.3	805.7
105°	772.8	782.2	789.9	795.8	800.4	803.0	804.5	805.4	803.9	800.7	795.3
107.5°	762.0	771.6	779.8	784.8	789.4	792.8	794.4	794.2	792.6	788.4	783.3
110°	749.5	758.8	766.4	772.4	777.1	780.6	781.5	780.8	779.2	774.8	769.6



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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°	736.5	745.2	752.2	757.8	762.5	765.4	766.2	765.4	763.1	758.8	754.8
115°	720.3	728.9	736.6	741.9	746.7	748.9	749.3	748.5	746.0	741.6	738.6
117.5°	703.0	711.7	718.9	724.7	728.5	729.7	730.8	730.1	727.3	723.5	720.2
120°	685.1	692.3	699.1	704.6	708.5	710.3	710.8	710.0	706.9	703.5	700.5
122.5°	665.2	672.5	677.8	682.9	687.1	688.3	688.8	687.6	684.7	681.7	679.8
125°	642.5	651.1	657.1	660.7	663.1	665.0	665.6	664.3	662.1	659.3	657.9
127.5°	620.4	629.1	634.7	638.3	640.4	641.4	641.7	640.4	638.2	635.8	634.5
130°	595.7	602.0	608.4	612.5	614.7	616.1	616.3	615.0	612.7	610.4	609.1
132.5°	570.8	576.4	581.3	585.3	587.5	588.2	588.1	587.7	586.1	584.8	583.0
135°	543.5	549.3	553.8	557.3	560.2	562.8	561.4	560.5	558.9	558.2	556.5
137.5°	515.9	521.3	525.8	528.9	531.4	533.2	533.3	532.3	531.3	530.1	528.2
140°	485.5	491.5	495.8	499.0	501.3	502.7	503.2	502.4	502.1	501.2	500.4
142.5°	453.9	459.3	463.8	467.2	469.7	471.3	471.9	471.9	471.5	470.1	469.8
145°	422.1	427.3	431.4	434.4	436.7	438.2	438.9	439.8	439.8	438.7	439.1
147.5°	389.9	394.7	398.5	402.2	404.5	405.6	406.4	407.5	407.9	407.8	407.8
150°	356.0	360.6	364.6	367.7	369.9	371.5	373.1	373.8	373.6	373.6	373.6
152.5°	321.0	325.9	329.7	332.6	334.3	336.6	338.0	338.6	338.5	339.5	340.0
155°	286.3	290.7	294.8	297.6	299.6	301.1	301.9	302.2	302.4	303.1	303.0
157.5°	249.9	252.6	255.4	259.3	262.2	264.2	265.1	265.2	266.2	267.0	268.5
160°	215.1	218.4	221.1	223.5	225.7	227.4	228.7	229.9	230.7	230.9	231.6
162.5°	179.0	182.0	184.6	186.7	188.3	189.4	190.6	191.7	192.4	192.5	193.0
165°	143.8	146.4	148.6	150.2	151.4	152.8	154.2	155.3	156.0	156.3	157.1
167.5°	109.7	111.7	113.5	115.2	117.0	118.6	119.7	120.5	120.9	121.0	121.4
170°	77.0	79.0	80.7	82.2	83.4	84.5	85.3	85.9	86.3	87.5	86.8
172.5°	50.0	51.1	52.1	52.9	53.5	54.0	54.3	54.5	54.5	54.9	54.3
175°	27.7	28.2	28.6	29.0	29.3	29.5	29.6	29.7	30.3	30.0	29.6
177.5°	10.8	10.8	10.8	10.8	10.8	10.7	11.0	10.8	10.6	10.4	10.3
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: P232066

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CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	0.8	0.8
2.5°	10.1	9.9
5°	29.3	29.0
7.5°	53.7	53.0
10°	86.0	85.3
12.5°	120.3	119.2
15°	156.0	154.9
17.5°	191.3	189.6
20°	229.7	227.7
22.5°	267.2	265.8
25°	302.5	300.6
27.5°	340.2	338.7
30°	373.1	371.0
32.5°	407.3	404.9
35°	439.5	438.1
37.5°	470.3	468.7
40°	500.6	498.5
42.5°	528.1	525.8
45°	556.9	554.8
47.5°	583.9	583.0
50°	608.6	606.2
52.5°	634.3	632.7
55°	657.8	656.7
57.5°	679.7	679.0
60°	700.4	698.9
62.5°	718.8	719.6
65°	738.0	737.8
67.5°	753.9	754.4
70°	768.0	769.3
72.5°	781.6	782.5
75°	792.5	795.0
77.5°	801.9	805.7
80°	810.4	813.2
82.5°	817.4	819.8
85°	823.7	824.0
87.5°	824.8	827.3
90°	815.7	823.1
92.5°	824.8	827.3
95°	823.7	824.0
97.5°	817.4	819.8
100°	810.4	813.2
102.5°	801.9	805.7
105°	792.5	795.0
107.5°	781.6	782.5
110°	768.0	769.3



TEST NUMBER: P232066

CATALOG NUMBER: FVS4WM-3-LD4-40-2LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	753.9	754.4
115°	738.0	737.8
117.5°	718.8	719.6
120°	700.4	698.9
122.5°	679.7	679.0
125°	657.8	656.7
127.5°	634.3	632.7
130°	608.6	606.2
132.5°	583.9	583.0
135°	556.9	554.8
137.5°	528.1	525.8
140°	500.6	498.5
142.5°	470.3	468.7
145°	439.5	438.1
147.5°	407.3	404.9
150°	373.1	371.0
152.5°	340.2	338.7
155°	302.5	300.6
157.5°	267.2	265.8
160°	229.7	227.7
162.5°	191.3	189.6
165°	156.0	154.9
167.5°	120.3	119.2
170°	86.0	85.3
172.5°	53.7	53.0
175°	29.3	29.0
177.5°	10.1	9.9
180°	0.0	0.0

(END OF REPORT)