

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: P231873

Luminaire Tested: **FVS4WM-2-LD4-35-1LO-P125-UNV-EDC1**

Issue Date: 3/3/2020



Test Information

Test Method: LM-79-08
Report Number: P231873
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1706-121-3)
Test Lab: INNOVATION CENTER(G3)
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: FAIL-SAFE
Catalog Number: FVS4WM-2-LD4-35-1LO-P125-UNV-EDC1
Description: FAILSAFE FVS LED FIXTURE
2FT LENGTH, 1-MODULE LED WITH P125 LENS
Light Source: (42) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

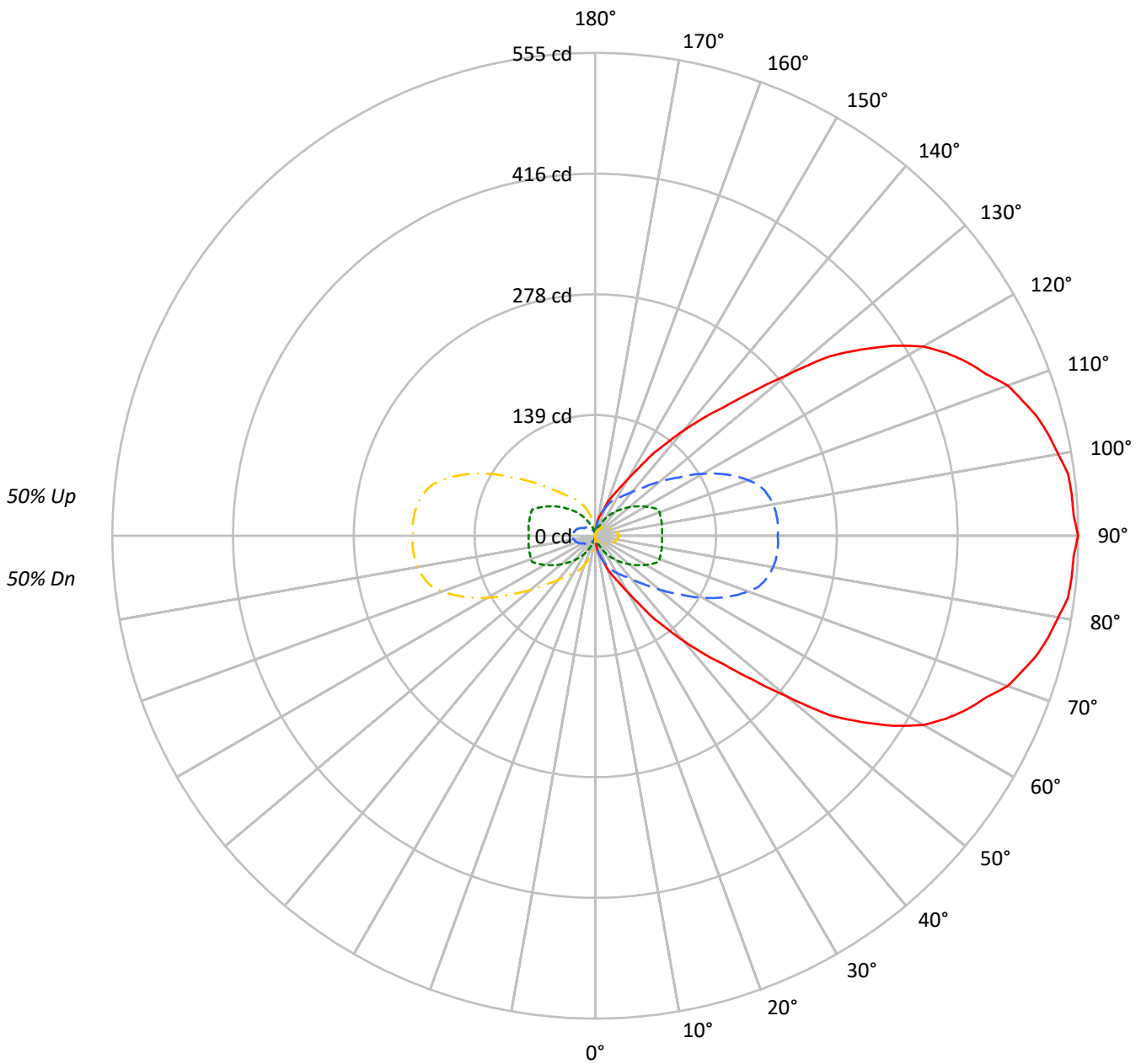
Lumens per Lamp: N/A
Luminaire Lumens: 1289.4 lumens
Efficiency: N/A
Efficacy: 104.8 lumens/watt
Spacing Criteria (0/90/45): - / - / -
Luminous Opening: Rectangular w/ Sides (W: 1.92' x L: 0.19' x H: 0.31')
CIE Type: General Diffuse

Input Watts (W): 12.3
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Luminous Intensity Polar Plot



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



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20	
RC	80				70				50				30				10	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	107	107	107	107	99	99	99	99	83	83	83	69	69	69	56	56	56	50
1	91	83	77	71	83	76	70	65	62	58	54	50	46	43	38	36	33	28
2	80	69	60	52	72	63	55	48	51	45	39	40	35	31	30	26	23	18
3	71	58	48	41	64	53	44	37	43	36	30	33	28	23	24	20	17	12
4	64	50	40	32	58	46	37	29	37	29	24	28	23	18	21	16	13	9
5	58	44	34	27	53	40	31	24	32	25	19	25	19	15	18	13	10	6
6	53	39	29	22	48	35	26	20	28	21	16	22	16	12	16	11	8	5
7	49	35	25	19	44	31	23	17	25	18	13	20	14	10	14	10	7	4
8	45	31	22	16	41	28	20	15	23	16	12	18	12	9	13	9	6	3
9	42	28	20	14	38	26	18	13	21	14	10	16	11	7	12	8	5	2
10	39	26	18	12	35	23	16	11	19	13	9	15	10	6	11	7	4	2

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	0	0	0	0
5°	291	80	0	80
10°	454	163	0	163
15°	564	244	0	244
20°	800	328	0	328
25°	1010	482	0	482
30°	1338	714	0	714
35°	1922	968	0	968
40°	2571	1248	0	1248
45°	3329	1573	0	1573
50°	4483	1994	0	1994
55°	5764	2499	0	2499
60°	6704	3125	0	3125
65°	7310	3928	0	3928
70°	7919	4748	0	4748
75°	8432	5612	0	5612
80°	8913	6945	0	6945
85°	9417	9241	0	9241



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	0.6	0.0
10°-20°	4.0	0.3
20°-30°	11.3	0.9
30°-40°	25.1	1.9
40°-50°	49.2	3.8
50°-60°	88.4	6.9
60°-70°	130.4	10.1
70°-80°	160.1	12.4
80°-90°	175.4	13.6
90°-100°	175.4	13.6
100°-110°	160.1	12.4
110°-120°	130.4	10.1
120°-130°	88.4	6.9
130°-140°	49.2	3.8
140°-150°	25.1	1.9
150°-160°	11.3	0.9
160°-170°	4.0	0.3
170°-180°	0.6	0.0
0°-30°	15.9	1.2
0°-40°	41.1	3.2
0°-60°	178.7	13.9
0°-90°	644.7	50.0
90°-120°	466.0	36.1
90°-150°	628.8	48.8
90°-180°	645.0	50.0
0°-180°	1289.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	0	0	0	0	0	
5°	11	3	0	3	11	1
15°	26	8	0	8	26	8
25°	54	16	0	16	54	26
35°	114	30	0	30	114	73
45°	210	43	0	43	210	168
55°	373	59	0	59	373	333
65°	472	75	0	75	472	468
75°	526	78	0	78	526	555
85°	549	77	0	77	549	447
90°	555	76	0	76	555	303
95°	549	77	0	77	549	447
105°	526	78	0	78	526	555
115°	472	75	0	75	472	468
125°	373	59	0	59	373	333
135°	210	43	0	43	210	168
145°	114	30	0	30	114	73
155°	54	16	0	16	54	26
165°	26	8	0	8	26	8
175°	11	3	0	3	11	1
180°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	4.7	4.8	4.8	4.9	4.9	5.0	5.0	4.9	4.8	4.8	4.8
5°	11.1	11.2	11.3	11.4	11.5	11.2	11.2	11.1	11.1	10.9	10.8
7.5°	14.6	14.8	14.9	15.1	15.1	15.1	15.2	15.2	15.2	15.2	15.1
10°	19.3	19.5	19.8	20.0	20.0	20.0	20.1	20.0	20.0	19.9	19.8
12.5°	22.8	23.1	23.5	23.7	23.9	24.1	24.2	24.3	24.3	24.3	24.3
15°	26.3	26.8	27.3	27.6	27.9	28.1	28.4	28.5	28.6	28.6	28.6
17.5°	31.5	32.0	32.5	32.7	33.0	33.2	33.3	33.4	33.4	33.4	33.3
20°	40.3	40.6	41.0	40.7	40.6	40.5	40.2	39.9	39.5	39.1	38.6
22.5°	47.3	47.5	47.7	47.3	47.1	46.9	46.5	46.1	45.6	45.1	44.5
25°	54.3	54.3	54.1	53.8	53.4	52.9	52.3	51.7	51.0	50.2	49.4
27.5°	63.6	63.5	62.9	62.3	61.5	60.6	59.5	58.2	56.9	55.4	54.1
30°	75.9	75.6	74.6	73.6	72.3	70.7	68.9	66.9	64.7	62.4	60.5
32.5°	91.1	90.6	89.3	87.8	85.9	83.6	81.0	78.1	74.9	71.7	68.9
35°	113.9	112.9	110.7	108.1	105.0	101.3	97.2	92.7	87.8	83.6	79.4
37.5°	133.7	132.7	130.4	127.7	124.4	120.5	115.9	110.8	105.0	99.1	92.8
40°	157.7	156.6	153.7	150.4	146.3	141.3	135.7	129.3	122.6	115.8	108.4
42.5°	183.3	182.4	179.3	175.7	171.1	165.3	158.5	150.5	142.6	134.2	125.1
45°	209.6	209.1	206.2	202.6	197.8	191.6	184.1	176.4	165.8	155.2	144.2
47.5°	244.7	244.2	240.4	235.7	229.4	221.5	212.1	202.0	191.3	179.4	168.0
50°	287.3	286.6	281.5	275.4	267.3	257.2	245.4	233.1	219.8	205.8	192.8
52.5°	338.7	338.4	332.2	324.5	313.8	300.0	283.4	268.5	251.6	234.4	218.5
55°	373.1	374.8	371.7	366.9	359.0	347.9	332.7	311.3	286.1	264.5	244.4
57.5°	406.4	408.1	405.3	401.4	395.5	387.5	375.1	352.0	328.1	298.3	271.0
60°	435.0	435.6	432.2	428.4	423.4	417.4	404.6	384.6	359.9	331.4	301.7
62.5°	454.9	455.2	453.6	450.2	445.0	437.9	426.3	410.3	387.2	360.1	328.9
65°	471.8	471.7	470.2	467.5	463.7	458.2	447.4	432.8	412.0	385.1	353.2
67.5°	485.8	486.6	485.6	482.8	478.1	473.5	467.1	455.2	436.6	409.7	376.8
70°	504.5	503.5	500.9	497.4	493.7	488.2	482.1	473.2	459.0	433.3	398.3
72.5°	515.0	514.7	512.7	509.2	506.1	500.6	494.4	487.4	473.9	450.2	416.4
75°	526.1	524.6	521.9	519.1	515.6	510.9	504.7	496.5	486.1	464.4	431.2
77.5°	533.7	532.9	530.2	526.8	523.0	518.6	512.5	504.4	494.1	476.9	445.4
80°	540.1	539.3	537.1	534.4	529.6	524.4	518.6	510.7	501.8	487.1	456.1
82.5°	547.7	545.2	542.2	538.4	534.7	529.3	523.6	515.3	506.0	492.6	465.5
85°	549.4	548.9	546.9	542.4	538.1	532.3	526.6	518.4	508.7	496.9	472.1
87.5°	550.0	552.8	549.3	543.7	539.9	533.2	528.3	519.5	510.3	499.9	475.5
90°	554.7	549.4	547.7	544.2	538.9	533.1	529.0	519.1	510.9	501.0	475.3
92.5°	550.0	552.8	549.3	543.7	539.9	533.2	528.3	519.5	510.3	499.9	475.5
95°	549.4	548.9	546.9	542.4	538.1	532.3	526.6	518.4	508.7	496.9	472.1
97.5°	547.7	545.2	542.2	538.4	534.7	529.3	523.6	515.3	506.0	492.6	465.5
100°	540.1	539.3	537.1	534.4	529.6	524.4	518.6	510.7	501.8	487.1	456.1
102.5°	533.7	532.9	530.2	526.8	523.0	518.6	512.5	504.4	494.1	476.9	445.4
105°	526.1	524.6	521.9	519.1	515.6	510.9	504.7	496.5	486.1	464.4	431.2
107.5°	515.0	514.7	512.7	509.2	506.1	500.6	494.4	487.4	473.9	450.2	416.4
110°	504.5	503.5	500.9	497.4	493.7	488.2	482.1	473.2	459.0	433.3	398.3



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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°	485.8	486.6	485.6	482.8	478.1	473.5	467.1	455.2	436.6	409.7	376.8
115°	471.8	471.7	470.2	467.5	463.7	458.2	447.4	432.8	412.0	385.1	353.2
117.5°	454.9	455.2	453.6	450.2	445.0	437.9	426.3	410.3	387.2	360.1	328.9
120°	435.0	435.6	432.2	428.4	423.4	417.4	404.6	384.6	359.9	331.4	301.7
122.5°	406.4	408.1	405.3	401.4	395.5	387.5	375.1	352.0	328.1	298.3	271.0
125°	373.1	374.8	371.7	366.9	359.0	347.9	332.7	311.3	286.1	264.5	244.4
127.5°	338.7	338.4	332.2	324.5	313.8	300.0	283.4	268.5	251.6	234.4	218.5
130°	287.3	286.6	281.5	275.4	267.3	257.2	245.4	233.1	219.8	205.8	192.8
132.5°	244.7	244.2	240.4	235.7	229.4	221.5	212.1	202.0	191.3	179.4	168.0
135°	209.6	209.1	206.2	202.6	197.8	191.6	184.1	176.4	165.8	155.2	144.2
137.5°	183.3	182.4	179.3	175.7	171.1	165.3	158.5	150.5	142.6	134.2	125.1
140°	157.7	156.6	153.7	150.4	146.3	141.3	135.7	129.3	122.6	115.8	108.4
142.5°	133.7	132.7	130.4	127.7	124.4	120.5	115.9	110.8	105.0	99.1	92.8
145°	113.9	112.9	110.7	108.1	105.0	101.3	97.2	92.7	87.8	83.6	79.4
147.5°	91.1	90.6	89.3	87.8	85.9	83.6	81.0	78.1	74.9	71.7	68.9
150°	75.9	75.6	74.6	73.6	72.3	70.7	68.9	66.9	64.7	62.4	60.5
152.5°	63.6	63.5	62.9	62.3	61.5	60.6	59.5	58.2	56.9	55.4	54.1
155°	54.3	54.3	54.1	53.8	53.4	52.9	52.3	51.7	51.0	50.2	49.4
157.5°	47.3	47.5	47.7	47.3	47.1	46.9	46.5	46.1	45.6	45.1	44.5
160°	40.3	40.6	41.0	40.7	40.6	40.5	40.2	39.9	39.5	39.1	38.6
162.5°	31.5	32.0	32.5	32.7	33.0	33.2	33.3	33.4	33.4	33.4	33.3
165°	26.3	26.8	27.3	27.6	27.9	28.1	28.4	28.5	28.6	28.6	28.6
167.5°	22.8	23.1	23.5	23.7	23.9	24.1	24.2	24.3	24.3	24.3	24.3
170°	19.3	19.5	19.8	20.0	20.0	20.0	20.1	20.0	20.0	19.9	19.8
172.5°	14.6	14.8	14.9	15.1	15.1	15.1	15.2	15.2	15.2	15.2	15.1
175°	11.1	11.2	11.3	11.4	11.5	11.2	11.2	11.1	11.1	10.9	10.8
177.5°	4.7	4.8	4.8	4.9	4.9	5.0	5.0	4.9	4.8	4.8	4.8
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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	4.7	4.7	4.6	4.6	4.5	4.4	4.3	4.2	4.1	4.0	3.9
5°	10.6	10.5	10.3	10.1	9.8	9.6	9.3	9.0	8.7	8.3	8.0
7.5°	15.0	14.9	14.8	14.6	14.5	14.2	14.0	13.8	13.5	13.0	12.5
10°	19.6	19.4	19.1	18.8	18.5	18.1	17.7	17.4	17.0	16.6	16.2
12.5°	24.2	24.0	23.8	23.6	23.2	22.8	22.2	21.7	21.1	20.4	19.7
15°	28.5	28.3	28.1	27.8	27.5	27.1	26.6	26.1	25.5	24.7	23.8
17.5°	33.2	33.0	32.7	32.4	32.0	31.5	30.9	30.2	29.5	28.8	27.9
20°	38.1	37.7	37.4	37.0	36.6	36.2	35.5	34.8	33.9	32.9	31.9
22.5°	43.9	43.2	42.4	41.7	41.0	40.4	39.9	39.2	38.6	37.4	36.2
25°	48.6	47.8	47.0	46.2	45.4	44.6	43.8	43.2	42.4	41.7	41.0
27.5°	53.1	52.0	50.9	49.9	49.0	48.1	47.4	46.5	45.9	45.3	44.4
30°	58.6	56.6	54.8	53.4	52.2	51.0	50.1	49.2	48.7	48.5	48.2
32.5°	65.8	62.7	60.1	57.8	55.5	53.9	53.2	52.5	52.1	51.5	51.3
35°	75.0	70.6	67.0	63.4	60.6	58.8	57.0	56.2	55.4	54.8	54.2
37.5°	86.4	80.9	75.5	71.5	68.1	64.8	62.5	60.4	59.0	58.1	57.3
40°	100.6	93.5	87.4	82.1	77.0	72.5	68.8	65.5	63.3	61.5	60.5
42.5°	116.6	109.2	101.7	94.7	88.1	81.8	76.0	71.9	68.0	65.6	63.8
45°	135.5	126.2	117.4	108.6	100.3	92.2	85.3	78.6	74.1	70.0	67.5
47.5°	156.4	144.8	134.2	123.5	113.6	104.1	95.2	87.5	80.4	75.4	71.6
50°	179.0	165.5	152.0	139.7	128.0	116.6	106.1	96.5	88.4	81.3	75.9
52.5°	202.5	186.9	171.3	156.5	142.6	129.8	117.5	106.5	96.8	88.1	83.1
55°	226.0	208.5	191.2	173.9	157.9	143.1	128.9	116.7	107.3	99.3	93.2
57.5°	249.3	229.0	210.7	191.9	173.4	156.8	142.6	130.0	119.0	110.2	103.5
60°	272.3	249.0	227.9	209.2	190.0	172.4	156.6	142.5	130.8	121.0	113.4
62.5°	297.7	267.8	244.6	224.3	205.8	186.8	170.0	155.0	141.9	130.9	122.7
65°	319.8	288.8	260.4	238.1	218.7	200.3	182.4	166.3	152.3	140.8	132.0
67.5°	341.8	308.2	277.3	251.0	229.5	211.5	193.7	177.2	162.5	150.1	140.5
70°	362.1	326.4	292.6	262.7	239.6	220.6	203.4	186.9	171.6	158.7	148.3
72.5°	379.0	342.1	305.9	273.8	248.2	227.8	211.2	196.1	179.9	166.7	156.0
75°	392.6	354.7	317.8	282.0	254.8	233.8	217.0	201.3	185.9	172.9	162.6
77.5°	402.9	364.0	327.1	290.9	261.5	238.2	220.2	204.9	190.3	177.8	168.4
80°	414.0	373.9	337.0	300.1	267.0	241.4	222.3	207.5	193.7	181.8	173.5
82.5°	424.7	382.4	344.8	307.1	271.2	243.5	223.3	209.2	196.1	184.9	178.0
85°	431.3	387.9	350.2	311.8	274.1	244.5	223.5	210.0	197.7	187.3	182.0
87.5°	433.9	391.8	354.4	315.4	276.3	244.8	223.0	210.3	198.8	189.3	185.8
90°	432.7	390.0	353.3	314.1	275.0	242.9	221.3	209.6	199.1	190.9	189.2
92.5°	433.9	391.8	354.4	315.4	276.3	244.8	223.0	210.3	198.8	189.3	185.8
95°	431.3	387.9	350.2	311.8	274.1	244.5	223.5	210.0	197.7	187.3	182.0
97.5°	424.7	382.4	344.8	307.1	271.2	243.5	223.3	209.2	196.1	184.9	178.0
100°	414.0	373.9	337.0	300.1	267.0	241.4	222.3	207.5	193.7	181.8	173.5
102.5°	402.9	364.0	327.1	290.9	261.5	238.2	220.2	204.9	190.3	177.8	168.4
105°	392.6	354.7	317.8	282.0	254.8	233.8	217.0	201.3	185.9	172.9	162.6
107.5°	379.0	342.1	305.9	273.8	248.2	227.8	211.2	196.1	179.9	166.7	156.0
110°	362.1	326.4	292.6	262.7	239.6	220.6	203.4	186.9	171.6	158.7	148.3



TEST NUMBER: P231873

CATALOG NUMBER: FVS4WM-2-LD4-35-1LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
112.5°	341.8	308.2	277.3	251.0	229.5	211.5	193.7	177.2	162.5	150.1	140.5
115°	319.8	288.8	260.4	238.1	218.7	200.3	182.4	166.3	152.3	140.8	132.0
117.5°	297.7	267.8	244.6	224.3	205.8	186.8	170.0	155.0	141.9	130.9	122.7
120°	272.3	249.0	227.9	209.2	190.0	172.4	156.6	142.5	130.8	121.0	113.4
122.5°	249.3	229.0	210.7	191.9	173.4	156.8	142.6	130.0	119.0	110.2	103.5
125°	226.0	208.5	191.2	173.9	157.9	143.1	128.9	116.7	107.3	99.3	93.2
127.5°	202.5	186.9	171.3	156.5	142.6	129.8	117.5	106.5	96.8	88.1	83.1
130°	179.0	165.5	152.0	139.7	128.0	116.6	106.1	96.5	88.4	81.3	75.9
132.5°	156.4	144.8	134.2	123.5	113.6	104.1	95.2	87.5	80.4	75.4	71.6
135°	135.5	126.2	117.4	108.6	100.3	92.2	85.3	78.6	74.1	70.0	67.5
137.5°	116.6	109.2	101.7	94.7	88.1	81.8	76.0	71.9	68.0	65.6	63.8
140°	100.6	93.5	87.4	82.1	77.0	72.5	68.8	65.5	63.3	61.5	60.5
142.5°	86.4	80.9	75.5	71.5	68.1	64.8	62.5	60.4	59.0	58.1	57.3
145°	75.0	70.6	67.0	63.4	60.6	58.8	57.0	56.2	55.4	54.8	54.2
147.5°	65.8	62.7	60.1	57.8	55.5	53.9	53.2	52.5	52.1	51.5	51.3
150°	58.6	56.6	54.8	53.4	52.2	51.0	50.1	49.2	48.7	48.5	48.2
152.5°	53.1	52.0	50.9	49.9	49.0	48.1	47.4	46.5	45.9	45.3	44.4
155°	48.6	47.8	47.0	46.2	45.4	44.6	43.8	43.2	42.4	41.7	41.0
157.5°	43.9	43.2	42.4	41.7	41.0	40.4	39.9	39.2	38.6	37.4	36.2
160°	38.1	37.7	37.4	37.0	36.6	36.2	35.5	34.8	33.9	32.9	31.9
162.5°	33.2	33.0	32.7	32.4	32.0	31.5	30.9	30.2	29.5	28.8	27.9
165°	28.5	28.3	28.1	27.8	27.5	27.1	26.6	26.1	25.5	24.7	23.8
167.5°	24.2	24.0	23.8	23.6	23.2	22.8	22.2	21.7	21.1	20.4	19.7
170°	19.6	19.4	19.1	18.8	18.5	18.1	17.7	17.4	17.0	16.6	16.2
172.5°	15.0	14.9	14.8	14.6	14.5	14.2	14.0	13.8	13.5	13.0	12.5
175°	10.6	10.5	10.3	10.1	9.8	9.6	9.3	9.0	8.7	8.3	8.0
177.5°	4.7	4.7	4.6	4.6	4.5	4.4	4.3	4.2	4.1	4.0	3.9
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: P231873

CATALOG NUMBER: FVS4WM-2-LD4-35-1LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	3.8	3.6	3.5	3.3	3.2	3.0	2.8	2.7	2.5	2.3	2.1
5°	7.6	7.2	6.8	6.5	6.2	5.9	5.6	5.3	4.9	4.6	4.2
7.5°	12.0	11.4	10.8	10.2	9.6	9.0	8.3	7.8	7.3	6.8	6.3
10°	15.7	15.2	14.7	13.9	13.1	12.2	11.4	10.5	9.6	8.9	8.3
12.5°	19.0	18.4	17.7	17.0	16.2	15.3	14.3	13.3	12.2	11.1	10.2
15°	22.9	21.9	21.0	20.0	19.1	18.1	17.1	15.9	14.7	13.4	12.2
17.5°	27.2	25.9	24.6	23.4	22.1	20.9	19.7	18.4	17.0	15.6	14.2
20°	30.8	29.7	28.4	27.0	25.4	23.8	22.3	20.8	19.3	17.7	16.2
22.5°	34.9	33.5	32.1	30.6	28.9	27.0	25.1	23.4	21.5	19.7	18.1
25°	39.3	37.6	35.8	34.1	32.6	30.8	29.0	27.1	25.3	23.4	21.7
27.5°	43.7	42.4	40.7	39.0	37.3	35.5	33.6	31.5	29.5	27.5	25.5
30°	47.6	46.8	45.5	43.7	41.9	40.0	38.0	35.9	33.8	31.5	29.3
32.5°	51.0	50.5	49.6	48.2	46.4	44.4	42.3	40.1	37.8	35.5	33.1
35°	53.9	53.7	53.1	52.2	50.6	48.7	46.5	44.3	41.8	39.4	36.9
37.5°	56.7	56.4	56.3	55.6	54.8	52.7	50.7	48.2	45.8	43.3	40.7
40°	59.6	59.0	58.9	58.8	57.9	56.5	54.7	52.2	49.6	47.1	44.4
42.5°	62.6	61.8	61.2	61.4	61.0	60.1	58.3	56.1	53.4	50.8	48.1
45°	65.8	64.5	63.8	63.7	63.9	63.1	61.8	60.0	57.1	54.4	51.7
47.5°	68.9	67.5	66.5	65.9	66.3	66.5	66.7	66.2	64.4	62.3	59.8
50°	72.7	70.8	70.7	71.6	73.1	74.7	75.3	75.2	74.0	71.9	68.9
52.5°	79.8	78.6	78.4	79.0	80.4	82.6	83.6	84.0	83.5	81.6	78.1
55°	88.8	86.8	86.0	86.1	87.7	90.0	91.7	92.6	92.8	91.2	87.3
57.5°	98.3	94.8	93.7	93.4	94.9	97.3	99.6	101.0	101.9	100.6	96.7
60°	107.5	103.1	101.5	100.9	101.9	104.6	107.4	109.2	110.6	109.9	106.1
62.5°	116.8	111.9	109.2	108.4	108.7	111.7	115.1	117.3	119.1	119.2	115.6
65°	125.6	120.6	116.9	115.8	115.4	118.8	122.4	125.2	127.6	128.3	125.1
67.5°	133.8	129.0	124.4	123.3	122.8	125.8	129.8	133.1	135.9	137.4	134.6
70°	141.6	137.2	132.6	130.6	129.6	131.6	135.2	138.1	140.3	140.7	136.6
72.5°	148.7	143.5	138.6	135.6	134.6	135.9	138.8	141.5	143.4	142.8	137.5
75°	154.9	149.0	144.2	140.7	139.5	140.4	142.7	144.8	146.7	145.2	138.6
77.5°	160.9	154.6	149.5	145.7	144.2	145.0	146.7	148.2	150.1	147.7	139.6
80°	166.6	160.0	154.6	150.7	148.8	149.8	150.9	151.7	153.7	150.3	140.7
82.5°	172.2	165.3	159.5	155.7	153.4	154.8	155.1	155.2	157.3	152.9	142.2
85°	177.5	170.5	164.2	160.7	157.9	159.8	159.5	158.6	161.1	155.8	142.9
87.5°	182.7	175.6	168.9	165.7	162.4	164.8	163.8	162.2	164.6	158.2	143.5
90°	187.4	180.4	173.4	170.5	167.0	169.9	168.2	165.8	168.2	160.6	144.2
92.5°	182.7	175.6	168.9	165.7	162.4	164.8	163.8	162.2	164.6	158.2	143.5
95°	177.5	170.5	164.2	160.7	157.9	159.8	159.5	158.6	161.1	155.8	142.9
97.5°	172.2	165.3	159.5	155.7	153.4	154.8	155.1	155.2	157.3	152.9	142.2
100°	166.6	160.0	154.6	150.7	148.8	149.8	150.9	151.7	153.7	150.3	140.7
102.5°	160.9	154.6	149.5	145.7	144.2	145.0	146.7	148.2	150.1	147.7	139.6
105°	154.9	149.0	144.2	140.7	139.5	140.4	142.7	144.8	146.7	145.2	138.6
107.5°	148.7	143.5	138.6	135.6	134.6	135.9	138.8	141.5	143.4	142.8	137.5
110°	141.6	137.2	132.6	130.6	129.6	131.6	135.2	138.1	140.3	140.7	136.6



TEST NUMBER: P231873

CATALOG NUMBER: FVS4WM-2-LD4-35-1LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	133.8	129.0	124.4	123.3	122.8	125.8	129.8	133.1	135.9	137.4	134.6
115°	125.6	120.6	116.9	115.8	115.4	118.8	122.4	125.2	127.6	128.3	125.1
117.5°	116.8	111.9	109.2	108.4	108.7	111.7	115.1	117.3	119.1	119.2	115.6
120°	107.5	103.1	101.5	100.9	101.9	104.6	107.4	109.2	110.6	109.9	106.1
122.5°	98.3	94.8	93.7	93.4	94.9	97.3	99.6	101.0	101.9	100.6	96.7
125°	88.8	86.8	86.0	86.1	87.7	90.0	91.7	92.6	92.8	91.2	87.3
127.5°	79.8	78.6	78.4	79.0	80.4	82.6	83.6	84.0	83.5	81.6	78.1
130°	72.7	70.8	70.7	71.6	73.1	74.7	75.3	75.2	74.0	71.9	68.9
132.5°	68.9	67.5	66.5	65.9	66.3	66.5	66.7	66.2	64.4	62.3	59.8
135°	65.8	64.5	63.8	63.7	63.9	63.1	61.8	60.0	57.1	54.4	51.7
137.5°	62.6	61.8	61.2	61.4	61.0	60.1	58.3	56.1	53.4	50.8	48.1
140°	59.6	59.0	58.9	58.8	57.9	56.5	54.7	52.2	49.6	47.1	44.4
142.5°	56.7	56.4	56.3	55.6	54.8	52.7	50.7	48.2	45.8	43.3	40.7
145°	53.9	53.7	53.1	52.2	50.6	48.7	46.5	44.3	41.8	39.4	36.9
147.5°	51.0	50.5	49.6	48.2	46.4	44.4	42.3	40.1	37.8	35.5	33.1
150°	47.6	46.8	45.5	43.7	41.9	40.0	38.0	35.9	33.8	31.5	29.3
152.5°	43.7	42.4	40.7	39.0	37.3	35.5	33.6	31.5	29.5	27.5	25.5
155°	39.3	37.6	35.8	34.1	32.6	30.8	29.0	27.1	25.3	23.4	21.7
157.5°	34.9	33.5	32.1	30.6	28.9	27.0	25.1	23.4	21.5	19.7	18.1
160°	30.8	29.7	28.4	27.0	25.4	23.8	22.3	20.8	19.3	17.7	16.2
162.5°	27.2	25.9	24.6	23.4	22.1	20.9	19.7	18.4	17.0	15.6	14.2
165°	22.9	21.9	21.0	20.0	19.1	18.1	17.1	15.9	14.7	13.4	12.2
167.5°	19.0	18.4	17.7	17.0	16.2	15.3	14.3	13.3	12.2	11.1	10.2
170°	15.7	15.2	14.7	13.9	13.1	12.2	11.4	10.5	9.6	8.9	8.3
172.5°	12.0	11.4	10.8	10.2	9.6	9.0	8.3	7.8	7.3	6.8	6.3
175°	7.6	7.2	6.8	6.5	6.2	5.9	5.6	5.3	4.9	4.6	4.2
177.5°	3.8	3.6	3.5	3.3	3.2	3.0	2.8	2.7	2.5	2.3	2.1
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: P231873

CATALOG NUMBER: FVS4WM-2-LD4-35-1LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	2.0	1.8	1.6	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.3
5°	3.9	3.5	3.1	2.7	2.7	2.7	2.6	2.6	2.6	2.5	2.5
7.5°	5.7	5.2	4.7	4.1	4.0	4.0	3.9	3.8	3.8	3.7	3.6
10°	7.6	6.9	6.2	5.5	5.4	5.3	5.1	5.0	4.9	4.8	4.7
12.5°	9.4	8.6	7.7	6.8	6.7	6.5	6.3	6.2	6.0	5.9	5.7
15°	11.2	10.2	9.2	8.2	8.0	7.8	7.5	7.3	7.1	7.0	6.8
17.5°	12.9	11.8	10.7	9.6	9.3	9.0	8.7	8.4	8.2	8.0	7.8
20°	14.6	13.4	12.2	10.9	10.6	10.2	9.8	9.5	9.3	9.0	8.7
22.5°	16.4	14.9	13.6	12.3	11.8	11.3	10.9	10.6	10.3	10.0	9.7
25°	20.0	18.5	17.1	15.7	15.3	14.8	14.4	14.0	13.5	12.9	12.2
27.5°	23.8	22.0	20.6	19.2	18.8	18.3	18.0	17.7	17.2	16.6	15.9
30°	27.4	25.6	24.1	22.6	22.3	21.9	21.7	21.4	20.9	20.3	19.3
32.5°	31.1	29.2	27.6	26.0	25.8	25.5	25.4	25.2	24.6	23.8	22.6
35°	34.7	32.7	31.1	29.5	29.3	29.2	29.2	29.0	28.4	27.2	25.7
37.5°	38.2	36.2	34.5	32.9	32.9	32.9	33.0	32.8	32.3	30.4	28.6
40°	41.7	39.7	37.9	36.3	36.4	36.6	36.9	36.6	35.6	33.5	31.3
42.5°	45.2	43.2	41.4	39.8	40.0	40.4	40.8	40.4	38.9	36.6	33.8
45°	48.7	46.6	44.8	43.2	43.6	44.1	44.6	44.3	42.2	39.3	36.1
47.5°	56.1	52.9	50.0	47.2	46.6	46.4	46.3	45.8	43.2	40.4	37.3
50°	64.0	59.4	55.2	51.1	49.4	48.4	47.6	46.4	43.5	40.6	37.5
52.5°	72.2	66.2	60.6	55.1	52.3	50.4	48.8	46.9	43.8	40.9	37.8
55°	80.6	73.0	66.0	59.0	55.0	52.2	49.9	47.4	44.1	41.3	38.2
57.5°	89.2	80.0	71.5	63.0	57.7	53.9	50.9	47.8	44.5	41.7	38.7
60°	97.9	87.1	77.0	66.9	60.3	55.6	51.9	48.3	45.0	42.3	39.4
62.5°	106.8	94.2	82.6	70.9	62.9	57.2	52.8	48.8	45.6	42.9	40.3
65°	115.8	101.5	88.2	74.8	65.5	58.7	53.6	49.3	46.2	43.5	41.5
67.5°	124.9	108.8	93.9	78.8	68.0	60.2	54.4	49.8	46.9	44.3	42.7
70°	125.8	109.0	93.8	78.5	67.5	59.7	53.9	49.5	46.7	44.2	43.2
72.5°	126.0	108.9	93.6	78.3	67.0	59.2	53.3	49.1	46.4	43.9	43.1
75°	126.0	108.7	93.8	78.0	66.5	58.7	52.8	48.8	46.0	43.7	43.1
77.5°	126.0	108.4	93.4	77.8	66.1	58.3	52.3	48.6	45.7	43.5	43.0
80°	125.9	108.6	92.9	77.5	65.7	57.9	51.8	48.4	45.4	43.4	42.9
82.5°	126.1	108.0	92.5	77.3	65.3	57.5	51.3	48.2	45.1	43.3	42.8
85°	125.6	107.5	92.0	77.0	64.9	57.2	50.9	48.1	44.8	43.2	42.8
87.5°	125.0	106.9	91.6	76.8	64.5	56.9	50.5	48.0	44.6	43.2	42.7
90°	124.4	106.3	91.1	76.5	64.2	56.6	50.2	47.9	44.4	43.2	42.6
92.5°	125.0	106.9	91.6	76.8	64.5	56.9	50.5	48.0	44.6	43.2	42.7
95°	125.6	107.5	92.0	77.0	64.9	57.2	50.9	48.1	44.8	43.2	42.8
97.5°	126.1	108.0	92.5	77.3	65.3	57.5	51.3	48.2	45.1	43.3	42.8
100°	125.9	108.6	92.9	77.5	65.7	57.9	51.8	48.4	45.4	43.4	42.9
102.5°	126.0	108.4	93.4	77.8	66.1	58.3	52.3	48.6	45.7	43.5	43.0
105°	126.0	108.7	93.8	78.0	66.5	58.7	52.8	48.8	46.0	43.7	43.1
107.5°	126.0	108.9	93.6	78.3	67.0	59.2	53.3	49.1	46.4	43.9	43.1
110°	125.8	109.0	93.8	78.5	67.5	59.7	53.9	49.5	46.7	44.2	43.2



TEST NUMBER: P231873

CATALOG NUMBER: FVS4WM-2-LD4-35-1LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
112.5°	124.9	108.8	93.9	78.8	68.0	60.2	54.4	49.8	46.9	44.3	42.7
115°	115.8	101.5	88.2	74.8	65.5	58.7	53.6	49.3	46.2	43.5	41.5
117.5°	106.8	94.2	82.6	70.9	62.9	57.2	52.8	48.8	45.6	42.9	40.3
120°	97.9	87.1	77.0	66.9	60.3	55.6	51.9	48.3	45.0	42.3	39.4
122.5°	89.2	80.0	71.5	63.0	57.7	53.9	50.9	47.8	44.5	41.7	38.7
125°	80.6	73.0	66.0	59.0	55.0	52.2	49.9	47.4	44.1	41.3	38.2
127.5°	72.2	66.2	60.6	55.1	52.3	50.4	48.8	46.9	43.8	40.9	37.8
130°	64.0	59.4	55.2	51.1	49.4	48.4	47.6	46.4	43.5	40.6	37.5
132.5°	56.1	52.9	50.0	47.2	46.6	46.4	46.3	45.8	43.2	40.4	37.3
135°	48.7	46.6	44.8	43.2	43.6	44.1	44.6	44.3	42.2	39.3	36.1
137.5°	45.2	43.2	41.4	39.8	40.0	40.4	40.8	40.4	38.9	36.6	33.8
140°	41.7	39.7	37.9	36.3	36.4	36.6	36.9	36.6	35.6	33.5	31.3
142.5°	38.2	36.2	34.5	32.9	32.9	32.9	33.0	32.8	32.3	30.4	28.6
145°	34.7	32.7	31.1	29.5	29.3	29.2	29.2	29.0	28.4	27.2	25.7
147.5°	31.1	29.2	27.6	26.0	25.8	25.5	25.4	25.2	24.6	23.8	22.6
150°	27.4	25.6	24.1	22.6	22.3	21.9	21.7	21.4	20.9	20.3	19.3
152.5°	23.8	22.0	20.6	19.2	18.8	18.3	18.0	17.7	17.2	16.6	15.9
155°	20.0	18.5	17.1	15.7	15.3	14.8	14.4	14.0	13.5	12.9	12.2
157.5°	16.4	14.9	13.6	12.3	11.8	11.3	10.9	10.6	10.3	10.0	9.7
160°	14.6	13.4	12.2	10.9	10.6	10.2	9.8	9.5	9.3	9.0	8.7
162.5°	12.9	11.8	10.7	9.6	9.3	9.0	8.7	8.4	8.2	8.0	7.8
165°	11.2	10.2	9.2	8.2	8.0	7.8	7.5	7.3	7.1	7.0	6.8
167.5°	9.4	8.6	7.7	6.8	6.7	6.5	6.3	6.2	6.0	5.9	5.7
170°	7.6	6.9	6.2	5.5	5.4	5.3	5.1	5.0	4.9	4.8	4.7
172.5°	5.7	5.2	4.7	4.1	4.0	4.0	3.9	3.8	3.8	3.7	3.6
175°	3.9	3.5	3.1	2.7	2.7	2.7	2.6	2.6	2.6	2.5	2.5
177.5°	2.0	1.8	1.6	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.3
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: P231873

CATALOG NUMBER: FVS4WM-2-LD4-35-1LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.0	1.0	0.9	0.9
5°	2.4	2.3	2.3	2.2	2.1	2.1	2.0	1.9	1.9	1.8	1.7
7.5°	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.6	2.5
10°	4.6	4.4	4.3	4.2	4.1	3.9	3.8	3.6	3.5	3.3	3.2
12.5°	5.6	5.4	5.3	5.1	4.9	4.8	4.6	4.4	4.2	4.1	3.9
15°	6.6	6.4	6.2	6.0	5.8	5.6	5.4	5.3	5.1	4.9	4.7
17.5°	7.5	7.3	7.1	6.9	6.7	6.6	6.4	6.2	6.0	5.8	5.5
20°	8.5	8.2	8.0	7.9	7.7	7.5	7.3	7.1	6.8	6.5	6.1
22.5°	9.4	9.2	9.1	8.9	8.7	8.5	8.2	7.8	7.4	7.0	6.7
25°	11.7	11.1	10.5	9.9	9.7	9.3	8.9	8.4	8.1	7.8	7.5
27.5°	15.1	14.3	13.5	12.7	11.8	10.8	9.9	9.3	9.0	8.6	8.1
30°	18.4	17.3	16.3	15.1	13.9	12.9	12.0	11.2	10.2	9.3	8.7
32.5°	21.3	20.0	18.6	17.2	15.9	14.8	13.7	12.5	11.5	10.7	10.0
35°	24.1	22.5	20.7	19.1	17.7	16.4	15.0	13.8	12.8	11.9	10.9
37.5°	26.6	24.6	22.5	20.9	19.2	17.6	16.1	15.0	13.9	12.7	11.7
40°	28.9	26.5	24.3	22.4	20.5	18.6	17.3	16.0	14.6	13.5	12.6
42.5°	31.0	28.3	26.0	23.7	21.5	19.8	18.3	16.7	15.4	14.3	13.3
45°	32.9	30.0	27.4	24.8	22.6	20.8	19.0	17.4	16.2	15.0	13.8
47.5°	34.3	31.5	28.6	25.7	23.6	21.6	19.7	18.2	16.8	15.4	14.4
50°	34.5	32.0	29.5	27.1	24.9	22.4	20.5	18.9	17.3	16.0	14.9
52.5°	35.1	32.8	30.7	28.9	26.9	24.6	22.3	19.9	17.8	16.5	15.0
55°	35.8	34.0	32.5	31.2	29.2	26.9	24.5	22.0	19.8	17.5	15.2
57.5°	36.8	35.6	34.6	33.6	31.8	29.2	26.6	24.1	21.6	19.0	16.4
60°	38.0	37.4	37.1	36.2	34.2	31.5	28.7	26.1	23.2	20.4	17.7
62.5°	39.4	39.6	39.9	38.9	36.7	33.8	30.9	27.9	24.7	21.7	19.0
65°	41.2	42.0	42.9	41.8	39.1	36.1	32.9	29.6	26.2	23.0	20.2
67.5°	43.2	44.7	45.7	44.7	41.6	38.4	35.0	31.2	27.6	24.3	21.3
70°	44.2	46.4	47.8	47.1	44.0	40.7	36.9	32.7	29.1	25.6	22.2
72.5°	44.3	46.3	47.5	46.7	44.4	41.6	38.0	34.1	30.5	26.8	23.2
75°	44.2	46.1	47.2	46.6	44.8	42.1	38.5	34.5	30.9	27.2	23.9
77.5°	44.0	45.8	47.0	46.7	45.3	42.9	39.1	35.1	31.3	27.5	24.4
80°	43.8	45.5	46.8	47.0	46.0	43.8	39.8	35.8	31.8	27.9	24.9
82.5°	43.6	45.1	46.6	47.4	46.8	44.8	40.6	36.6	32.4	28.4	25.5
85°	43.3	44.7	46.5	47.9	47.7	46.0	41.5	37.5	33.1	29.1	26.2
87.5°	42.9	44.3	46.3	48.5	48.6	47.2	42.6	38.5	34.0	29.9	27.1
90°	42.6	43.8	46.1	49.0	49.6	48.5	43.8	39.7	35.0	30.9	28.0
92.5°	42.9	44.3	46.3	48.5	48.6	47.2	42.6	38.5	34.0	29.9	27.1
95°	43.3	44.7	46.5	47.9	47.7	46.0	41.5	37.5	33.1	29.1	26.2
97.5°	43.6	45.1	46.6	47.4	46.8	44.8	40.6	36.6	32.4	28.4	25.5
100°	43.8	45.5	46.8	47.0	46.0	43.8	39.8	35.8	31.8	27.9	24.9
102.5°	44.0	45.8	47.0	46.7	45.3	42.9	39.1	35.1	31.3	27.5	24.4
105°	44.2	46.1	47.2	46.6	44.8	42.1	38.5	34.5	30.9	27.2	23.9
107.5°	44.3	46.3	47.5	46.7	44.4	41.6	38.0	34.1	30.5	26.8	23.2
110°	44.2	46.4	47.8	47.1	44.0	40.7	36.9	32.7	29.1	25.6	22.2



TEST NUMBER: P231873

CATALOG NUMBER: FVS4WM-2-LD4-35-1LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	43.2	44.7	45.7	44.7	41.6	38.4	35.0	31.2	27.6	24.3	21.3
115°	41.2	42.0	42.9	41.8	39.1	36.1	32.9	29.6	26.2	23.0	20.2
117.5°	39.4	39.6	39.9	38.9	36.7	33.8	30.9	27.9	24.7	21.7	19.0
120°	38.0	37.4	37.1	36.2	34.2	31.5	28.7	26.1	23.2	20.4	17.7
122.5°	36.8	35.6	34.6	33.6	31.8	29.2	26.6	24.1	21.6	19.0	16.4
125°	35.8	34.0	32.5	31.2	29.2	26.9	24.5	22.0	19.8	17.5	15.2
127.5°	35.1	32.8	30.7	28.9	26.9	24.6	22.3	19.9	17.8	16.5	15.0
130°	34.5	32.0	29.5	27.1	24.9	22.4	20.5	18.9	17.3	16.0	14.9
132.5°	34.3	31.5	28.6	25.7	23.6	21.6	19.7	18.2	16.8	15.4	14.4
135°	32.9	30.0	27.4	24.8	22.6	20.8	19.0	17.4	16.2	15.0	13.8
137.5°	31.0	28.3	26.0	23.7	21.5	19.8	18.3	16.7	15.4	14.3	13.3
140°	28.9	26.5	24.3	22.4	20.5	18.6	17.3	16.0	14.6	13.5	12.6
142.5°	26.6	24.6	22.5	20.9	19.2	17.6	16.1	15.0	13.9	12.7	11.7
145°	24.1	22.5	20.7	19.1	17.7	16.4	15.0	13.8	12.8	11.9	10.9
147.5°	21.3	20.0	18.6	17.2	15.9	14.8	13.7	12.5	11.5	10.7	10.0
150°	18.4	17.3	16.3	15.1	13.9	12.9	12.0	11.2	10.2	9.3	8.7
152.5°	15.1	14.3	13.5	12.7	11.8	10.8	9.9	9.3	9.0	8.6	8.1
155°	11.7	11.1	10.5	9.9	9.7	9.3	8.9	8.4	8.1	7.8	7.5
157.5°	9.4	9.2	9.1	8.9	8.7	8.5	8.2	7.8	7.4	7.0	6.7
160°	8.5	8.2	8.0	7.9	7.7	7.5	7.3	7.1	6.8	6.5	6.1
162.5°	7.5	7.3	7.1	6.9	6.7	6.6	6.4	6.2	6.0	5.8	5.5
165°	6.6	6.4	6.2	6.0	5.8	5.6	5.4	5.3	5.1	4.9	4.7
167.5°	5.6	5.4	5.3	5.1	4.9	4.8	4.6	4.4	4.2	4.1	3.9
170°	4.6	4.4	4.3	4.2	4.1	3.9	3.8	3.6	3.5	3.3	3.2
172.5°	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.6	2.5
175°	2.4	2.3	2.3	2.2	2.1	2.1	2.0	1.9	1.9	1.8	1.7
177.5°	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.0	1.0	0.9	0.9
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: P231873

CATALOG NUMBER: FVS4WM-2-LD4-35-1LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	0.9	0.8	0.8	0.7	0.7	0.6	0.6	0.5	0.5	0.4	0.4
5°	1.6	1.5	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.8	0.7
7.5°	2.3	2.2	2.1	2.0	1.8	1.7	1.6	1.4	1.3	1.1	1.0
10°	3.0	2.8	2.7	2.5	2.4	2.2	2.0	1.9	1.7	1.5	1.3
12.5°	3.7	3.6	3.4	3.2	3.0	2.8	2.6	2.4	2.1	1.9	1.7
15°	4.5	4.3	4.1	3.8	3.6	3.3	3.0	2.8	2.5	2.2	1.9
17.5°	5.3	4.9	4.6	4.3	4.0	3.7	3.4	3.1	2.8	2.5	2.2
20°	5.8	5.4	5.2	4.9	4.6	4.3	3.9	3.6	3.2	2.9	2.5
22.5°	6.5	6.2	5.8	5.4	5.0	4.6	4.2	3.9	3.5	3.2	2.8
25°	7.1	6.7	6.3	5.9	5.5	5.1	4.8	4.4	3.9	3.5	3.0
27.5°	7.6	7.2	6.9	6.5	6.0	5.5	5.0	4.6	4.1	3.7	3.2
30°	8.3	8.0	7.4	6.8	6.3	5.9	5.4	5.0	4.5	4.1	3.6
32.5°	9.1	8.3	7.7	7.3	6.9	6.4	6.0	5.5	5.0	4.5	4.0
35°	9.9	9.2	8.5	8.0	7.5	7.0	6.5	6.0	5.5	4.9	4.3
37.5°	10.9	10.1	9.4	8.8	8.2	7.6	7.1	6.5	6.0	5.4	4.7
40°	11.7	10.9	10.1	9.5	8.9	8.3	7.7	7.1	6.5	5.8	5.1
42.5°	12.3	11.5	10.8	10.0	9.4	8.8	8.3	7.7	7.1	6.4	5.7
45°	12.9	12.1	11.2	10.4	9.7	9.1	8.4	7.7	7.1	6.4	5.7
47.5°	13.4	12.3	11.4	10.5	9.7	9.0	8.4	8.0	7.5	6.6	5.7
50°	13.6	12.4	11.3	10.5	9.7	9.1	8.5	7.8	7.3	6.7	5.7
52.5°	13.6	12.3	11.3	10.4	9.7	8.9	8.2	7.6	7.0	6.6	6.1
55°	13.4	12.3	11.3	10.3	9.5	8.6	8.0	7.5	7.1	6.7	6.1
57.5°	14.2	12.4	11.1	10.1	9.2	8.6	8.0	7.6	7.0	6.4	5.9
60°	15.5	13.4	11.5	9.8	9.2	8.6	8.1	7.5	6.8	6.2	5.6
62.5°	16.6	14.3	12.4	10.8	9.5	8.6	8.0	7.3	6.7	6.1	5.4
65°	17.5	15.3	13.3	11.6	10.3	9.0	7.9	7.3	6.6	5.9	5.2
67.5°	18.4	16.2	14.0	12.4	10.9	9.5	8.3	7.3	6.5	5.8	5.1
70°	19.5	17.0	14.8	13.1	11.3	9.9	8.6	7.5	6.5	5.7	4.8
72.5°	20.6	17.8	15.6	13.6	11.8	10.2	8.8	7.5	6.6	5.5	4.4
75°	21.4	18.5	16.4	14.0	12.2	10.5	8.9	7.6	6.5	5.1	3.9
77.5°	21.6	18.9	16.7	14.4	12.5	10.7	8.9	7.8	6.2	4.7	3.6
80°	21.9	19.3	17.0	14.7	12.6	10.7	9.1	7.7	5.9	4.3	3.3
82.5°	22.3	19.7	17.3	14.9	12.8	10.8	9.1	7.4	5.6	4.1	2.8
85°	22.9	20.2	17.9	15.3	13.1	11.0	9.1	7.3	5.4	3.8	2.3
87.5°	23.6	20.9	18.5	15.7	13.5	11.3	9.1	7.4	5.2	3.6	1.9
90°	24.5	21.6	19.3	16.3	14.0	11.7	9.3	7.6	5.3	3.5	1.8
92.5°	23.6	20.9	18.5	15.7	13.5	11.3	9.1	7.4	5.2	3.6	1.9
95°	22.9	20.2	17.9	15.3	13.1	11.0	9.1	7.3	5.4	3.8	2.3
97.5°	22.3	19.7	17.3	14.9	12.8	10.8	9.1	7.4	5.6	4.1	2.8
100°	21.9	19.3	17.0	14.7	12.6	10.7	9.1	7.7	5.9	4.3	3.3
102.5°	21.6	18.9	16.7	14.4	12.5	10.7	8.9	7.8	6.2	4.7	3.6
105°	21.4	18.5	16.4	14.0	12.2	10.5	8.9	7.6	6.5	5.1	3.9
107.5°	20.6	17.8	15.6	13.6	11.8	10.2	8.8	7.5	6.6	5.5	4.4
110°	19.5	17.0	14.8	13.1	11.3	9.9	8.6	7.5	6.5	5.7	4.8



TEST NUMBER: P231873

CATALOG NUMBER: FVS4WM-2-LD4-35-1LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
112.5°	18.4	16.2	14.0	12.4	10.9	9.5	8.3	7.3	6.5	5.8	5.1
115°	17.5	15.3	13.3	11.6	10.3	9.0	7.9	7.3	6.6	5.9	5.2
117.5°	16.6	14.3	12.4	10.8	9.5	8.6	8.0	7.3	6.7	6.1	5.4
120°	15.5	13.4	11.5	9.8	9.2	8.6	8.1	7.5	6.8	6.2	5.6
122.5°	14.2	12.4	11.1	10.1	9.2	8.6	8.0	7.6	7.0	6.4	5.9
125°	13.4	12.3	11.3	10.3	9.5	8.6	8.0	7.5	7.1	6.7	6.1
127.5°	13.6	12.3	11.3	10.4	9.7	8.9	8.2	7.6	7.0	6.6	6.1
130°	13.6	12.4	11.3	10.5	9.7	9.1	8.5	7.8	7.3	6.7	5.7
132.5°	13.4	12.3	11.4	10.5	9.7	9.0	8.4	8.0	7.5	6.6	5.7
135°	12.9	12.1	11.2	10.4	9.7	9.1	8.4	7.7	7.1	6.4	5.7
137.5°	12.3	11.5	10.8	10.0	9.4	8.8	8.3	7.7	6.8	6.0	5.2
140°	11.7	10.9	10.1	9.5	8.9	8.3	7.7	7.1	6.5	5.8	5.1
142.5°	10.9	10.1	9.4	8.8	8.2	7.6	7.1	6.5	6.0	5.4	4.7
145°	9.9	9.2	8.5	8.0	7.5	7.0	6.5	6.0	5.5	4.9	4.3
147.5°	9.1	8.3	7.7	7.3	6.9	6.4	6.0	5.5	5.0	4.5	4.0
150°	8.3	8.0	7.4	6.8	6.3	5.9	5.4	5.0	4.5	4.1	3.6
152.5°	7.6	7.2	6.9	6.5	6.0	5.5	5.0	4.6	4.1	3.7	3.2
155°	7.1	6.7	6.3	5.9	5.5	5.1	4.8	4.4	3.9	3.5	3.0
157.5°	6.5	6.2	5.8	5.4	5.0	4.6	4.2	3.9	3.5	3.2	2.8
160°	5.8	5.4	5.2	4.9	4.6	4.3	3.9	3.6	3.2	2.9	2.5
162.5°	5.3	4.9	4.6	4.3	4.0	3.7	3.4	3.1	2.8	2.5	2.2
165°	4.5	4.3	4.1	3.8	3.6	3.3	3.0	2.8	2.5	2.2	1.9
167.5°	3.7	3.6	3.4	3.2	3.0	2.8	2.6	2.4	2.1	1.9	1.7
170°	3.0	2.8	2.7	2.5	2.4	2.2	2.0	1.9	1.7	1.5	1.3
172.5°	2.3	2.2	2.1	2.0	1.8	1.7	1.6	1.4	1.3	1.1	1.0
175°	1.6	1.5	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.8	0.7
177.5°	0.9	0.8	0.8	0.7	0.7	0.6	0.6	0.5	0.5	0.4	0.4
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231873

CATALOG NUMBER: FVS4WM-2-LD4-35-1LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	0.3	0.3	0.2	0.2	0.1	0.1	0.0	0.1	0.1	0.2	0.2
5°	0.6	0.5	0.4	0.3	0.2	0.1	0.0	0.1	0.2	0.3	0.4
7.5°	0.9	0.7	0.6	0.4	0.3	0.1	0.0	0.1	0.3	0.4	0.6
10°	1.1	1.0	0.8	0.6	0.4	0.2	0.0	0.2	0.4	0.6	0.8
12.5°	1.4	1.2	1.0	0.7	0.5	0.2	0.0	0.2	0.5	0.7	1.0
15°	1.7	1.4	1.1	0.8	0.6	0.3	0.0	0.3	0.6	0.8	1.1
17.5°	1.9	1.6	1.3	1.0	0.7	0.3	0.0	0.3	0.7	1.0	1.3
20°	2.1	1.8	1.4	1.1	0.7	0.4	0.0	0.4	0.7	1.1	1.4
22.5°	2.4	2.0	1.6	1.2	0.8	0.4	0.0	0.4	0.8	1.2	1.6
25°	2.6	2.1	1.7	1.3	0.9	0.4	0.0	0.4	0.9	1.3	1.7
27.5°	2.8	2.3	1.9	1.4	0.9	0.5	0.0	0.5	0.9	1.4	1.9
30°	3.1	2.6	2.1	1.6	1.0	0.5	0.0	0.5	1.0	1.6	2.1
32.5°	3.4	2.9	2.3	1.7	1.2	0.6	0.0	0.6	1.2	1.7	2.3
35°	3.7	3.1	2.5	1.9	1.3	0.6	0.0	0.6	1.3	1.9	2.5
37.5°	4.1	3.4	2.8	2.1	1.4	0.7	0.0	0.7	1.4	2.1	2.8
40°	4.4	3.6	2.9	2.1	1.4	0.7	0.0	0.7	1.4	2.1	2.9
42.5°	4.5	3.8	3.1	2.3	1.5	0.8	0.0	0.8	1.5	2.3	3.1
45°	4.8	4.0	3.2	2.4	1.6	0.8	0.0	0.8	1.6	2.4	3.2
47.5°	4.8	4.0	3.2	2.4	1.6	0.8	0.0	0.8	1.6	2.4	3.2
50°	4.9	4.1	3.3	2.5	1.7	0.8	0.0	0.8	1.7	2.5	3.3
52.5°	5.3	4.4	3.4	2.6	1.7	0.8	0.0	0.8	1.7	2.6	3.4
55°	5.3	4.3	3.4	2.6	1.7	0.8	0.0	0.8	1.7	2.6	3.4
57.5°	5.3	4.3	3.4	2.5	1.7	0.8	0.0	0.8	1.7	2.5	3.4
60°	5.0	4.2	3.3	2.4	1.6	0.8	0.0	0.8	1.6	2.4	3.3
62.5°	4.8	4.1	3.2	2.3	1.5	0.8	0.0	0.8	1.5	2.3	3.2
65°	4.5	3.8	3.0	2.2	1.4	0.7	0.0	0.7	1.4	2.2	3.0
67.5°	4.3	3.5	2.8	2.0	1.3	0.6	0.0	0.6	1.3	2.0	2.8
70°	3.9	3.1	2.4	1.8	1.1	0.6	0.0	0.6	1.1	1.8	2.4
72.5°	3.4	2.7	2.1	1.6	0.9	0.4	0.0	0.4	0.9	1.6	2.1
75°	3.1	2.4	1.6	1.1	0.6	0.3	0.0	0.3	0.6	1.1	1.6
77.5°	2.7	1.8	1.2	0.7	0.2	0.0	0.0	0.0	0.2	0.7	1.2
80°	2.1	1.3	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
82.5°	1.5	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	1.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	1.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	1.5	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	2.1	1.3	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
102.5°	2.7	1.8	1.2	0.7	0.2	0.0	0.0	0.0	0.2	0.7	1.2
105°	3.1	2.4	1.6	1.1	0.6	0.3	0.0	0.3	0.6	1.1	1.6
107.5°	3.4	2.7	2.1	1.6	0.9	0.4	0.0	0.4	0.9	1.6	2.1
110°	3.9	3.1	2.4	1.8	1.1	0.6	0.0	0.6	1.1	1.8	2.4



TEST NUMBER: P231873

CATALOG NUMBER: FVS4WM-2-LD4-35-1LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	4.3	3.5	2.8	2.0	1.3	0.6	0.0	0.6	1.3	2.0	2.8
115°	4.5	3.8	3.0	2.2	1.4	0.7	0.0	0.7	1.4	2.2	3.0
117.5°	4.8	4.1	3.2	2.3	1.5	0.8	0.0	0.8	1.5	2.3	3.2
120°	5.0	4.2	3.3	2.4	1.6	0.8	0.0	0.8	1.6	2.4	3.3
122.5°	5.3	4.3	3.4	2.5	1.7	0.8	0.0	0.8	1.7	2.5	3.4
125°	5.3	4.3	3.4	2.6	1.7	0.8	0.0	0.8	1.7	2.6	3.4
127.5°	5.3	4.4	3.4	2.6	1.7	0.8	0.0	0.8	1.7	2.6	3.4
130°	4.9	4.1	3.3	2.5	1.7	0.8	0.0	0.8	1.7	2.5	3.3
132.5°	4.8	4.0	3.2	2.4	1.6	0.8	0.0	0.8	1.6	2.4	3.2
135°	4.8	4.0	3.2	2.4	1.6	0.8	0.0	0.8	1.6	2.4	3.2
137.5°	4.5	3.8	3.1	2.3	1.5	0.8	0.0	0.8	1.5	2.3	3.1
140°	4.4	3.6	2.9	2.1	1.4	0.7	0.0	0.7	1.4	2.1	2.9
142.5°	4.1	3.4	2.8	2.1	1.4	0.7	0.0	0.7	1.4	2.1	2.8
145°	3.7	3.1	2.5	1.9	1.3	0.6	0.0	0.6	1.3	1.9	2.5
147.5°	3.4	2.9	2.3	1.7	1.2	0.6	0.0	0.6	1.2	1.7	2.3
150°	3.1	2.6	2.1	1.6	1.0	0.5	0.0	0.5	1.0	1.6	2.1
152.5°	2.8	2.3	1.9	1.4	0.9	0.5	0.0	0.5	0.9	1.4	1.9
155°	2.6	2.1	1.7	1.3	0.9	0.4	0.0	0.4	0.9	1.3	1.7
157.5°	2.4	2.0	1.6	1.2	0.8	0.4	0.0	0.4	0.8	1.2	1.6
160°	2.1	1.8	1.4	1.1	0.7	0.4	0.0	0.4	0.7	1.1	1.4
162.5°	1.9	1.6	1.3	1.0	0.7	0.3	0.0	0.3	0.7	1.0	1.3
165°	1.7	1.4	1.1	0.8	0.6	0.3	0.0	0.3	0.6	0.8	1.1
167.5°	1.4	1.2	1.0	0.7	0.5	0.2	0.0	0.2	0.5	0.7	1.0
170°	1.1	1.0	0.8	0.6	0.4	0.2	0.0	0.2	0.4	0.6	0.8
172.5°	0.9	0.7	0.6	0.4	0.3	0.1	0.0	0.1	0.3	0.4	0.6
175°	0.6	0.5	0.4	0.3	0.2	0.1	0.0	0.1	0.2	0.3	0.4
177.5°	0.3	0.3	0.2	0.2	0.1	0.1	0.0	0.1	0.1	0.2	0.2
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: P231873

CATALOG NUMBER: FVS4WM-2-LD4-35-1LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	0.3	0.3	0.4	0.4	0.5	0.5	0.6	0.6	0.7	0.7	0.8
5°	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5
7.5°	0.7	0.9	1.0	1.1	1.3	1.4	1.6	1.7	1.8	2.0	2.1
10°	1.0	1.1	1.3	1.5	1.7	1.9	2.0	2.2	2.4	2.5	2.7
12.5°	1.2	1.4	1.7	1.9	2.1	2.4	2.6	2.8	3.0	3.2	3.4
15°	1.4	1.7	1.9	2.2	2.5	2.8	3.0	3.3	3.6	3.8	4.1
17.5°	1.6	1.9	2.2	2.5	2.8	3.1	3.4	3.7	4.0	4.3	4.6
20°	1.8	2.1	2.5	2.9	3.2	3.6	3.9	4.3	4.6	4.9	5.2
22.5°	2.0	2.4	2.8	3.2	3.5	3.9	4.2	4.6	5.0	5.4	5.8
25°	2.1	2.6	3.0	3.5	3.9	4.4	4.8	5.1	5.5	5.9	6.3
27.5°	2.3	2.8	3.2	3.7	4.1	4.6	5.0	5.5	6.0	6.5	6.9
30°	2.6	3.1	3.6	4.1	4.5	5.0	5.4	5.9	6.3	6.8	7.4
32.5°	2.9	3.4	4.0	4.5	5.0	5.5	6.0	6.4	6.9	7.3	7.7
35°	3.1	3.7	4.3	4.9	5.5	6.0	6.5	7.0	7.5	8.0	8.5
37.5°	3.4	4.1	4.7	5.4	6.0	6.5	7.1	7.6	8.2	8.8	9.4
40°	3.6	4.4	5.1	5.8	6.5	7.1	7.7	8.3	8.9	9.5	10.1
42.5°	3.8	4.5	5.2	6.0	6.8	7.7	8.3	8.8	9.4	10.0	10.8
45°	4.0	4.8	5.7	6.4	7.1	7.7	8.4	9.1	9.7	10.4	11.2
47.5°	4.0	4.8	5.7	6.6	7.5	8.0	8.4	9.0	9.7	10.5	11.4
50°	4.1	4.9	5.7	6.7	7.3	7.8	8.5	9.1	9.7	10.5	11.3
52.5°	4.4	5.3	6.1	6.6	7.0	7.6	8.2	8.9	9.7	10.4	11.3
55°	4.3	5.3	6.1	6.7	7.1	7.5	8.0	8.6	9.5	10.3	11.3
57.5°	4.3	5.3	5.9	6.4	7.0	7.6	8.0	8.6	9.2	10.1	11.1
60°	4.2	5.0	5.6	6.2	6.8	7.5	8.1	8.6	9.2	9.8	11.5
62.5°	4.1	4.8	5.4	6.1	6.7	7.3	8.0	8.6	9.5	10.8	12.4
65°	3.8	4.5	5.2	5.9	6.6	7.3	7.9	9.0	10.3	11.6	13.3
67.5°	3.5	4.3	5.1	5.8	6.5	7.3	8.3	9.5	10.9	12.4	14.0
70°	3.1	3.9	4.8	5.7	6.5	7.5	8.6	9.9	11.3	13.1	14.8
72.5°	2.7	3.4	4.4	5.5	6.6	7.5	8.8	10.2	11.8	13.6	15.6
75°	2.4	3.1	3.9	5.1	6.5	7.6	8.9	10.5	12.2	14.0	16.4
77.5°	1.8	2.7	3.6	4.7	6.2	7.8	8.9	10.7	12.5	14.4	16.7
80°	1.3	2.1	3.3	4.3	5.9	7.7	9.1	10.7	12.6	14.7	17.0
82.5°	0.7	1.5	2.8	4.1	5.6	7.4	9.1	10.8	12.8	14.9	17.3
85°	0.2	1.0	2.3	3.8	5.4	7.3	9.1	11.0	13.1	15.3	17.9
87.5°	0.1	0.7	1.9	3.6	5.2	7.4	9.1	11.3	13.5	15.7	18.5
90°	0.0	0.6	1.8	3.5	5.3	7.6	9.3	11.7	14.0	16.3	19.3
92.5°	0.1	0.7	1.9	3.6	5.2	7.4	9.1	11.3	13.5	15.7	18.5
95°	0.2	1.0	2.3	3.8	5.4	7.3	9.1	11.0	13.1	15.3	17.9
97.5°	0.7	1.5	2.8	4.1	5.6	7.4	9.1	10.8	12.8	14.9	17.3
100°	1.3	2.1	3.3	4.3	5.9	7.7	9.1	10.7	12.6	14.7	17.0
102.5°	1.8	2.7	3.6	4.7	6.2	7.8	8.9	10.7	12.5	14.4	16.7
105°	2.4	3.1	3.9	5.1	6.5	7.6	8.9	10.5	12.2	14.0	16.4
107.5°	2.7	3.4	4.4	5.5	6.6	7.5	8.8	10.2	11.8	13.6	15.6
110°	3.1	3.9	4.8	5.7	6.5	7.5	8.6	9.9	11.3	13.1	14.8



TEST NUMBER: P231873

CATALOG NUMBER: FVS4WM-2-LD4-35-1LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
112.5°	3.5	4.3	5.1	5.8	6.5	7.3	8.3	9.5	10.9	12.4	14.0
115°	3.8	4.5	5.2	5.9	6.6	7.3	7.9	9.0	10.3	11.6	13.3
117.5°	4.1	4.8	5.4	6.1	6.7	7.3	8.0	8.6	9.5	10.8	12.4
120°	4.2	5.0	5.6	6.2	6.8	7.5	8.1	8.6	9.2	9.8	11.5
122.5°	4.3	5.3	5.9	6.4	7.0	7.6	8.0	8.6	9.2	10.1	11.1
125°	4.3	5.3	6.1	6.7	7.1	7.5	8.0	8.6	9.5	10.3	11.3
127.5°	4.4	5.3	6.1	6.6	7.0	7.6	8.2	8.9	9.7	10.4	11.3
130°	4.1	4.9	5.7	6.7	7.3	7.8	8.5	9.1	9.7	10.5	11.3
132.5°	4.0	4.8	5.7	6.6	7.5	8.0	8.4	9.0	9.7	10.5	11.4
135°	4.0	4.8	5.7	6.4	7.1	7.7	8.4	9.1	9.7	10.4	11.2
137.5°	3.8	4.5	5.2	6.0	6.8	7.7	8.3	8.8	9.4	10.0	10.8
140°	3.6	4.4	5.1	5.8	6.5	7.1	7.7	8.3	8.9	9.5	10.1
142.5°	3.4	4.1	4.7	5.4	6.0	6.5	7.1	7.6	8.2	8.8	9.4
145°	3.1	3.7	4.3	4.9	5.5	6.0	6.5	7.0	7.5	8.0	8.5
147.5°	2.9	3.4	4.0	4.5	5.0	5.5	6.0	6.4	6.9	7.3	7.7
150°	2.6	3.1	3.6	4.1	4.5	5.0	5.4	5.9	6.3	6.8	7.4
152.5°	2.3	2.8	3.2	3.7	4.1	4.6	5.0	5.5	6.0	6.5	6.9
155°	2.1	2.6	3.0	3.5	3.9	4.4	4.8	5.1	5.5	5.9	6.3
157.5°	2.0	2.4	2.8	3.2	3.5	3.9	4.2	4.6	5.0	5.4	5.8
160°	1.8	2.1	2.5	2.9	3.2	3.6	3.9	4.3	4.6	4.9	5.2
162.5°	1.6	1.9	2.2	2.5	2.8	3.1	3.4	3.7	4.0	4.3	4.6
165°	1.4	1.7	1.9	2.2	2.5	2.8	3.0	3.3	3.6	3.8	4.1
167.5°	1.2	1.4	1.7	1.9	2.1	2.4	2.6	2.8	3.0	3.2	3.4
170°	1.0	1.1	1.3	1.5	1.7	1.9	2.0	2.2	2.4	2.5	2.7
172.5°	0.7	0.9	1.0	1.1	1.3	1.4	1.6	1.7	1.8	2.0	2.1
175°	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5
177.5°	0.3	0.3	0.4	0.4	0.5	0.5	0.6	0.6	0.7	0.7	0.8
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231873

CATALOG NUMBER: FVS4WM-2-LD4-35-1LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	0.8	0.9	0.9	0.9	1.0	1.0	1.1	1.1	1.1	1.2	1.2
5°	1.5	1.6	1.7	1.8	1.9	1.9	2.0	2.1	2.1	2.2	2.3
7.5°	2.2	2.3	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.2	3.3
10°	2.8	3.0	3.2	3.3	3.5	3.6	3.8	3.9	4.1	4.2	4.3
12.5°	3.6	3.7	3.9	4.1	4.2	4.4	4.6	4.8	4.9	5.1	5.3
15°	4.3	4.5	4.7	4.9	5.1	5.3	5.4	5.6	5.8	6.0	6.2
17.5°	4.9	5.3	5.5	5.8	6.0	6.2	6.4	6.6	6.7	6.9	7.1
20°	5.4	5.8	6.1	6.5	6.8	7.1	7.3	7.5	7.7	7.9	8.0
22.5°	6.2	6.5	6.7	7.0	7.4	7.8	8.2	8.5	8.7	8.9	9.1
25°	6.7	7.1	7.5	7.8	8.1	8.4	8.9	9.3	9.7	9.9	10.5
27.5°	7.2	7.6	8.1	8.6	9.0	9.3	9.9	10.8	11.8	12.7	13.5
30°	8.0	8.3	8.7	9.3	10.2	11.2	12.0	12.9	13.9	15.1	16.3
32.5°	8.3	9.1	10.0	10.7	11.5	12.5	13.7	14.8	15.9	17.2	18.6
35°	9.2	9.9	10.9	11.9	12.8	13.8	15.0	16.4	17.7	19.1	20.7
37.5°	10.1	10.9	11.7	12.7	13.9	15.0	16.1	17.6	19.2	20.9	22.5
40°	10.9	11.7	12.6	13.5	14.6	16.0	17.3	18.6	20.5	22.4	24.3
42.5°	11.5	12.3	13.3	14.3	15.4	16.7	18.3	19.8	21.5	23.7	26.0
45°	12.1	12.9	13.8	15.0	16.2	17.4	19.0	20.8	22.6	24.8	27.4
47.5°	12.3	13.4	14.4	15.4	16.8	18.2	19.7	21.6	23.6	25.7	28.6
50°	12.4	13.6	14.9	16.0	17.3	18.9	20.5	22.4	24.9	27.1	29.5
52.5°	12.3	13.6	15.0	16.5	17.8	19.9	22.3	24.6	26.9	28.9	30.7
55°	12.3	13.4	15.2	17.5	19.8	22.0	24.5	26.9	29.2	31.2	32.5
57.5°	12.4	14.2	16.4	19.0	21.6	24.1	26.6	29.2	31.8	33.6	34.6
60°	13.4	15.5	17.7	20.4	23.2	26.1	28.7	31.5	34.2	36.2	37.1
62.5°	14.3	16.6	19.0	21.7	24.7	27.9	30.9	33.8	36.7	38.9	39.9
65°	15.3	17.5	20.2	23.0	26.2	29.6	32.9	36.1	39.1	41.8	42.9
67.5°	16.2	18.4	21.3	24.3	27.6	31.2	35.0	38.4	41.6	44.7	45.7
70°	17.0	19.5	22.2	25.6	29.1	32.7	36.9	40.7	44.0	47.1	47.8
72.5°	17.8	20.6	23.2	26.8	30.5	34.1	38.0	41.6	44.4	46.7	47.5
75°	18.5	21.4	23.9	27.2	30.9	34.5	38.5	42.1	44.8	46.6	47.2
77.5°	18.9	21.6	24.4	27.5	31.3	35.1	39.1	42.9	45.3	46.7	47.0
80°	19.3	21.9	24.9	27.9	31.8	35.8	39.8	43.8	46.0	47.0	46.8
82.5°	19.7	22.3	25.5	28.4	32.4	36.6	40.6	44.8	46.8	47.4	46.6
85°	20.2	22.9	26.2	29.1	33.1	37.5	41.5	46.0	47.7	47.9	46.5
87.5°	20.9	23.6	27.1	29.9	34.0	38.5	42.6	47.2	48.6	48.5	46.3
90°	21.6	24.5	28.0	30.9	35.0	39.7	43.8	48.5	49.6	49.0	46.1
92.5°	20.9	23.6	27.1	29.9	34.0	38.5	42.6	47.2	48.6	48.5	46.3
95°	20.2	22.9	26.2	29.1	33.1	37.5	41.5	46.0	47.7	47.9	46.5
97.5°	19.7	22.3	25.5	28.4	32.4	36.6	40.6	44.8	46.8	47.4	46.6
100°	19.3	21.9	24.9	27.9	31.8	35.8	39.8	43.8	46.0	47.0	46.8
102.5°	18.9	21.6	24.4	27.5	31.3	35.1	39.1	42.9	45.3	46.7	47.0
105°	18.5	21.4	23.9	27.2	30.9	34.5	38.5	42.1	44.8	46.6	47.2
107.5°	17.8	20.6	23.2	26.8	30.5	34.1	38.0	41.6	44.4	46.7	47.5
110°	17.0	19.5	22.2	25.6	29.1	32.7	36.9	40.7	44.0	47.1	47.8



TEST NUMBER: P231873

CATALOG NUMBER: FVS4WM-2-LD4-35-1LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	16.2	18.4	21.3	24.3	27.6	31.2	35.0	38.4	41.6	44.7	45.7
115°	15.3	17.5	20.2	23.0	26.2	29.6	32.9	36.1	39.1	41.8	42.9
117.5°	14.3	16.6	19.0	21.7	24.7	27.9	30.9	33.8	36.7	38.9	39.9
120°	13.4	15.5	17.7	20.4	23.2	26.1	28.7	31.5	34.2	36.2	37.1
122.5°	12.4	14.2	16.4	19.0	21.6	24.1	26.6	29.2	31.8	33.6	34.6
125°	12.3	13.4	15.2	17.5	19.8	22.0	24.5	26.9	29.2	31.2	32.5
127.5°	12.3	13.6	15.0	16.5	17.8	19.9	22.3	24.6	26.9	28.9	30.7
130°	12.4	13.6	14.9	16.0	17.3	18.9	20.5	22.4	24.9	27.1	29.5
132.5°	12.3	13.4	14.4	15.4	16.8	18.2	19.7	21.6	23.6	25.7	28.6
135°	12.1	12.9	13.8	15.0	16.2	17.4	19.0	20.8	22.6	24.8	27.4
137.5°	11.5	12.3	13.3	14.3	15.4	16.7	18.3	19.8	21.5	23.7	26.0
140°	10.9	11.7	12.6	13.5	14.6	16.0	17.3	18.6	20.5	22.4	24.3
142.5°	10.1	10.9	11.7	12.7	13.9	15.0	16.1	17.6	19.2	20.9	22.5
145°	9.2	9.9	10.9	11.9	12.8	13.8	15.0	16.4	17.7	19.1	20.7
147.5°	8.3	9.1	10.0	10.7	11.5	12.5	13.7	14.8	15.9	17.2	18.6
150°	8.0	8.3	8.7	9.3	10.2	11.2	12.0	12.9	13.9	15.1	16.3
152.5°	7.2	7.6	8.1	8.6	9.0	9.3	9.9	10.8	11.8	12.7	13.5
155°	6.7	7.1	7.5	7.8	8.1	8.4	8.9	9.3	9.7	9.9	10.5
157.5°	6.2	6.5	6.7	7.0	7.4	7.8	8.2	8.5	8.7	8.9	9.1
160°	5.4	5.8	6.1	6.5	6.8	7.1	7.3	7.5	7.7	7.9	8.0
162.5°	4.9	5.3	5.5	5.8	6.0	6.2	6.4	6.6	6.7	6.9	7.1
165°	4.3	4.5	4.7	4.9	5.1	5.3	5.4	5.6	5.8	6.0	6.2
167.5°	3.6	3.7	3.9	4.1	4.2	4.4	4.6	4.8	4.9	5.1	5.3
170°	2.8	3.0	3.2	3.3	3.5	3.6	3.8	3.9	4.1	4.2	4.3
172.5°	2.2	2.3	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.2	3.3
175°	1.5	1.6	1.7	1.8	1.9	1.9	2.0	2.1	2.1	2.2	2.3
177.5°	0.8	0.9	0.9	0.9	1.0	1.0	1.1	1.1	1.1	1.2	1.2
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: P231873

CATALOG NUMBER: FVS4WM-2-LD4-35-1LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.6
5°	2.3	2.4	2.5	2.5	2.6	2.6	2.6	2.7	2.7	2.7	3.1
7.5°	3.4	3.5	3.6	3.7	3.8	3.8	3.9	4.0	4.0	4.1	4.7
10°	4.4	4.6	4.7	4.8	4.9	5.0	5.1	5.3	5.4	5.5	6.2
12.5°	5.4	5.6	5.7	5.9	6.0	6.2	6.3	6.5	6.7	6.8	7.7
15°	6.4	6.6	6.8	7.0	7.1	7.3	7.5	7.8	8.0	8.2	9.2
17.5°	7.3	7.5	7.8	8.0	8.2	8.4	8.7	9.0	9.3	9.6	10.7
20°	8.2	8.5	8.7	9.0	9.3	9.5	9.8	10.2	10.6	10.9	12.2
22.5°	9.2	9.4	9.7	10.0	10.3	10.6	10.9	11.3	11.8	12.3	13.6
25°	11.1	11.7	12.2	12.9	13.5	14.0	14.4	14.8	15.3	15.7	17.1
27.5°	14.3	15.1	15.9	16.6	17.2	17.7	18.0	18.3	18.8	19.2	20.6
30°	17.3	18.4	19.3	20.3	20.9	21.4	21.7	21.9	22.3	22.6	24.1
32.5°	20.0	21.3	22.6	23.8	24.6	25.2	25.4	25.5	25.8	26.0	27.6
35°	22.5	24.1	25.7	27.2	28.4	29.0	29.2	29.2	29.3	29.5	31.1
37.5°	24.6	26.6	28.6	30.4	32.3	32.8	33.0	32.9	32.9	32.9	34.5
40°	26.5	28.9	31.3	33.5	35.6	36.6	36.9	36.6	36.4	36.3	37.9
42.5°	28.3	31.0	33.8	36.6	38.9	40.4	40.8	40.4	40.0	39.8	41.4
45°	30.0	32.9	36.1	39.3	42.2	44.3	44.6	44.1	43.6	43.2	44.8
47.5°	31.5	34.3	37.3	40.4	43.2	45.8	46.3	46.4	46.6	47.2	50.0
50°	32.0	34.5	37.5	40.6	43.5	46.4	47.6	48.4	49.4	51.1	55.2
52.5°	32.8	35.1	37.8	40.9	43.8	46.9	48.8	50.4	52.3	55.1	60.6
55°	34.0	35.8	38.2	41.3	44.1	47.4	49.9	52.2	55.0	59.0	66.0
57.5°	35.6	36.8	38.7	41.7	44.5	47.8	50.9	53.9	57.7	63.0	71.5
60°	37.4	38.0	39.4	42.3	45.0	48.3	51.9	55.6	60.3	66.9	77.0
62.5°	39.6	39.4	40.3	42.9	45.6	48.8	52.8	57.2	62.9	70.9	82.6
65°	42.0	41.2	41.5	43.5	46.2	49.3	53.6	58.7	65.5	74.8	88.2
67.5°	44.7	43.2	42.7	44.3	46.9	49.8	54.4	60.2	68.0	78.8	93.9
70°	46.4	44.2	43.2	44.2	46.7	49.5	53.9	59.7	67.5	78.5	93.8
72.5°	46.3	44.3	43.1	43.9	46.4	49.1	53.3	59.2	67.0	78.3	93.6
75°	46.1	44.2	43.1	43.7	46.0	48.8	52.8	58.7	66.5	78.0	93.8
77.5°	45.8	44.0	43.0	43.5	45.7	48.6	52.3	58.3	66.1	77.8	93.4
80°	45.5	43.8	42.9	43.4	45.4	48.4	51.8	57.9	65.7	77.5	92.9
82.5°	45.1	43.6	42.8	43.3	45.1	48.2	51.3	57.5	65.3	77.3	92.5
85°	44.7	43.3	42.8	43.2	44.8	48.1	50.9	57.2	64.9	77.0	92.0
87.5°	44.3	42.9	42.7	43.2	44.6	48.0	50.5	56.9	64.5	76.8	91.6
90°	43.8	42.6	42.6	43.2	44.4	47.9	50.2	56.6	64.2	76.5	91.1
92.5°	44.3	42.9	42.7	43.2	44.6	48.0	50.5	56.9	64.5	76.8	91.6
95°	44.7	43.3	42.8	43.2	44.8	48.1	50.9	57.2	64.9	77.0	92.0
97.5°	45.1	43.6	42.8	43.3	45.1	48.2	51.3	57.5	65.3	77.3	92.5
100°	45.5	43.8	42.9	43.4	45.4	48.4	51.8	57.9	65.7	77.5	92.9
102.5°	45.8	44.0	43.0	43.5	45.7	48.6	52.3	58.3	66.1	77.8	93.4
105°	46.1	44.2	43.1	43.7	46.0	48.8	52.8	58.7	66.5	78.0	93.8
107.5°	46.3	44.3	43.1	43.9	46.4	49.1	53.3	59.2	67.0	78.3	93.6
110°	46.4	44.2	43.2	44.2	46.7	49.5	53.9	59.7	67.5	78.5	93.8



TEST NUMBER: P231873

CATALOG NUMBER: FVS4WM-2-LD4-35-1LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
112.5°	44.7	43.2	42.7	44.3	46.9	49.8	54.4	60.2	68.0	78.8	93.9
115°	42.0	41.2	41.5	43.5	46.2	49.3	53.6	58.7	65.5	74.8	88.2
117.5°	39.6	39.4	40.3	42.9	45.6	48.8	52.8	57.2	62.9	70.9	82.6
120°	37.4	38.0	39.4	42.3	45.0	48.3	51.9	55.6	60.3	66.9	77.0
122.5°	35.6	36.8	38.7	41.7	44.5	47.8	50.9	53.9	57.7	63.0	71.5
125°	34.0	35.8	38.2	41.3	44.1	47.4	49.9	52.2	55.0	59.0	66.0
127.5°	32.8	35.1	37.8	40.9	43.8	46.9	48.8	50.4	52.3	55.1	60.6
130°	32.0	34.5	37.5	40.6	43.5	46.4	47.6	48.4	49.4	51.1	55.2
132.5°	31.5	34.3	37.3	40.4	43.2	45.8	46.3	46.4	46.6	47.2	50.0
135°	30.0	32.9	36.1	39.3	42.2	44.3	44.6	44.1	43.6	43.2	44.8
137.5°	28.3	31.0	33.8	36.6	38.9	40.4	40.8	40.4	40.0	39.8	41.4
140°	26.5	28.9	31.3	33.5	35.6	36.6	36.9	36.6	36.4	36.3	37.9
142.5°	24.6	26.6	28.6	30.4	32.3	32.8	33.0	32.9	32.9	32.9	34.5
145°	22.5	24.1	25.7	27.2	28.4	29.0	29.2	29.2	29.3	29.5	31.1
147.5°	20.0	21.3	22.6	23.8	24.6	25.2	25.4	25.5	25.8	26.0	27.6
150°	17.3	18.4	19.3	20.3	20.9	21.4	21.7	21.9	22.3	22.6	24.1
152.5°	14.3	15.1	15.9	16.6	17.2	17.7	18.0	18.3	18.8	19.2	20.6
155°	11.1	11.7	12.2	12.9	13.5	14.0	14.4	14.8	15.3	15.7	17.1
157.5°	9.2	9.4	9.7	10.0	10.3	10.6	10.9	11.3	11.8	12.3	13.6
160°	8.2	8.5	8.7	9.0	9.3	9.5	9.8	10.2	10.6	10.9	12.2
162.5°	7.3	7.5	7.8	8.0	8.2	8.4	8.7	9.0	9.3	9.6	10.7
165°	6.4	6.6	6.8	7.0	7.1	7.3	7.5	7.8	8.0	8.2	9.2
167.5°	5.4	5.6	5.7	5.9	6.0	6.2	6.3	6.5	6.7	6.8	7.7
170°	4.4	4.6	4.7	4.8	4.9	5.0	5.1	5.3	5.4	5.5	6.2
172.5°	3.4	3.5	3.6	3.7	3.8	3.8	3.9	4.0	4.0	4.1	4.7
175°	2.3	2.4	2.5	2.5	2.6	2.6	2.6	2.7	2.7	2.7	3.1
177.5°	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.6
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: P231873

CATALOG NUMBER: FVS4WM-2-LD4-35-1LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	1.8	2.0	2.1	2.3	2.5	2.7	2.8	3.0	3.2	3.3	3.5
5°	3.5	3.9	4.2	4.6	4.9	5.3	5.6	5.9	6.2	6.5	6.8
7.5°	5.2	5.7	6.3	6.8	7.3	7.8	8.3	9.0	9.6	10.2	10.8
10°	6.9	7.6	8.3	8.9	9.6	10.5	11.4	12.2	13.1	13.9	14.7
12.5°	8.6	9.4	10.2	11.1	12.2	13.3	14.3	15.3	16.2	17.0	17.7
15°	10.2	11.2	12.2	13.4	14.7	15.9	17.1	18.1	19.1	20.0	21.0
17.5°	11.8	12.9	14.2	15.6	17.0	18.4	19.7	20.9	22.1	23.4	24.6
20°	13.4	14.6	16.2	17.7	19.3	20.8	22.3	23.8	25.4	27.0	28.4
22.5°	14.9	16.4	18.1	19.7	21.5	23.4	25.1	27.0	28.9	30.6	32.1
25°	18.5	20.0	21.7	23.4	25.3	27.1	29.0	30.8	32.6	34.1	35.8
27.5°	22.0	23.8	25.5	27.5	29.5	31.5	33.6	35.5	37.3	39.0	40.7
30°	25.6	27.4	29.3	31.5	33.8	35.9	38.0	40.0	41.9	43.7	45.5
32.5°	29.2	31.1	33.1	35.5	37.8	40.1	42.3	44.4	46.4	48.2	49.6
35°	32.7	34.7	36.9	39.4	41.8	44.3	46.5	48.7	50.6	52.2	53.1
37.5°	36.2	38.2	40.7	43.3	45.8	48.2	50.7	52.7	54.8	55.6	56.3
40°	39.7	41.7	44.4	47.1	49.6	52.2	54.7	56.5	57.9	58.8	58.9
42.5°	43.2	45.2	48.1	50.8	53.4	56.1	58.3	60.1	61.0	61.4	61.2
45°	46.6	48.7	51.7	54.4	57.1	60.0	61.8	63.1	63.9	63.7	63.8
47.5°	52.9	56.1	59.8	62.3	64.4	66.2	66.7	66.5	66.3	65.9	66.5
50°	59.4	64.0	68.9	71.9	74.0	75.2	75.3	74.7	73.1	71.6	70.7
52.5°	66.2	72.2	78.1	81.6	83.5	84.0	83.6	82.6	80.4	79.0	78.4
55°	73.0	80.6	87.3	91.2	92.8	92.6	91.7	90.0	87.7	86.1	86.0
57.5°	80.0	89.2	96.7	100.6	101.9	101.0	99.6	97.3	94.9	93.4	93.7
60°	87.1	97.9	106.1	109.9	110.6	109.2	107.4	104.6	101.9	100.9	101.5
62.5°	94.2	106.8	115.6	119.2	119.1	117.3	115.1	111.7	108.7	108.4	109.2
65°	101.5	115.8	125.1	128.3	127.6	125.2	122.4	118.8	115.4	115.8	116.9
67.5°	108.8	124.9	134.6	137.4	135.9	133.1	129.8	125.8	122.8	123.3	124.4
70°	109.0	125.8	136.6	140.7	140.3	138.1	135.2	131.6	129.6	130.6	132.6
72.5°	108.9	126.0	137.5	142.8	143.4	141.5	138.8	135.9	134.6	135.6	138.6
75°	108.7	126.0	138.6	145.2	146.7	144.8	142.7	140.4	139.5	140.7	144.2
77.5°	108.4	126.0	139.6	147.7	150.1	148.2	146.7	145.0	144.2	145.7	149.5
80°	108.6	125.9	140.7	150.3	153.7	151.7	150.9	149.8	148.8	150.7	154.6
82.5°	108.0	126.1	142.2	152.9	157.3	155.2	155.1	154.8	153.4	155.7	159.5
85°	107.5	125.6	142.9	155.8	161.1	158.6	159.5	159.8	157.9	160.7	164.2
87.5°	106.9	125.0	143.5	158.2	164.6	162.2	163.8	164.8	162.4	165.7	168.9
90°	106.3	124.4	144.2	160.6	168.2	165.8	168.2	169.9	167.0	170.5	173.4
92.5°	106.9	125.0	143.5	158.2	164.6	162.2	163.8	164.8	162.4	165.7	168.9
95°	107.5	125.6	142.9	155.8	161.1	158.6	159.5	159.8	157.9	160.7	164.2
97.5°	108.0	126.1	142.2	152.9	157.3	155.2	155.1	154.8	153.4	155.7	159.5
100°	108.6	125.9	140.7	150.3	153.7	151.7	150.9	149.8	148.8	150.7	154.6
102.5°	108.4	126.0	139.6	147.7	150.1	148.2	146.7	145.0	144.2	145.7	149.5
105°	108.7	126.0	138.6	145.2	146.7	144.8	142.7	140.4	139.5	140.7	144.2
107.5°	108.9	126.0	137.5	142.8	143.4	141.5	138.8	135.9	134.6	135.6	138.6
110°	109.0	125.8	136.6	140.7	140.3	138.1	135.2	131.6	129.6	130.6	132.6



TEST NUMBER: P231873

CATALOG NUMBER: FVS4WM-2-LD4-35-1LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	108.8	124.9	134.6	137.4	135.9	133.1	129.8	125.8	122.8	123.3	124.4
115°	101.5	115.8	125.1	128.3	127.6	125.2	122.4	118.8	115.4	115.8	116.9
117.5°	94.2	106.8	115.6	119.2	119.1	117.3	115.1	111.7	108.7	108.4	109.2
120°	87.1	97.9	106.1	109.9	110.6	109.2	107.4	104.6	101.9	100.9	101.5
122.5°	80.0	89.2	96.7	100.6	101.9	101.0	99.6	97.3	94.9	93.4	93.7
125°	73.0	80.6	87.3	91.2	92.8	92.6	91.7	90.0	87.7	86.1	86.0
127.5°	66.2	72.2	78.1	81.6	83.5	84.0	83.6	82.6	80.4	79.0	78.4
130°	59.4	64.0	68.9	71.9	74.0	75.2	75.3	74.7	73.1	71.6	70.7
132.5°	52.9	56.1	59.8	62.3	64.4	66.2	66.7	66.5	66.3	65.9	66.5
135°	46.6	48.7	51.7	54.4	57.1	60.0	61.8	63.1	63.9	63.7	63.8
137.5°	43.2	45.2	48.1	50.8	53.4	56.1	58.3	60.1	61.0	61.4	61.2
140°	39.7	41.7	44.4	47.1	49.6	52.2	54.7	56.5	57.9	58.8	58.9
142.5°	36.2	38.2	40.7	43.3	45.8	48.2	50.7	52.7	54.8	55.6	56.3
145°	32.7	34.7	36.9	39.4	41.8	44.3	46.5	48.7	50.6	52.2	53.1
147.5°	29.2	31.1	33.1	35.5	37.8	40.1	42.3	44.4	46.4	48.2	49.6
150°	25.6	27.4	29.3	31.5	33.8	35.9	38.0	40.0	41.9	43.7	45.5
152.5°	22.0	23.8	25.5	27.5	29.5	31.5	33.6	35.5	37.3	39.0	40.7
155°	18.5	20.0	21.7	23.4	25.3	27.1	29.0	30.8	32.6	34.1	35.8
157.5°	14.9	16.4	18.1	19.7	21.5	23.4	25.1	27.0	28.9	30.6	32.1
160°	13.4	14.6	16.2	17.7	19.3	20.8	22.3	23.8	25.4	27.0	28.4
162.5°	11.8	12.9	14.2	15.6	17.0	18.4	19.7	20.9	22.1	23.4	24.6
165°	10.2	11.2	12.2	13.4	14.7	15.9	17.1	18.1	19.1	20.0	21.0
167.5°	8.6	9.4	10.2	11.1	12.2	13.3	14.3	15.3	16.2	17.0	17.7
170°	6.9	7.6	8.3	8.9	9.6	10.5	11.4	12.2	13.1	13.9	14.7
172.5°	5.2	5.7	6.3	6.8	7.3	7.8	8.3	9.0	9.6	10.2	10.8
175°	3.5	3.9	4.2	4.6	4.9	5.3	5.6	5.9	6.2	6.5	6.8
177.5°	1.8	2.0	2.1	2.3	2.5	2.7	2.8	3.0	3.2	3.3	3.5
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231873

CATALOG NUMBER: FVS4WM-2-LD4-35-1LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	3.6	3.8	3.9	4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.6
5°	7.2	7.6	8.0	8.3	8.7	9.0	9.3	9.6	9.8	10.1	10.3
7.5°	11.4	12.0	12.5	13.0	13.5	13.8	14.0	14.2	14.5	14.6	14.8
10°	15.2	15.7	16.2	16.6	17.0	17.4	17.7	18.1	18.5	18.8	19.1
12.5°	18.4	19.0	19.7	20.4	21.1	21.7	22.2	22.8	23.2	23.6	23.8
15°	21.9	22.9	23.8	24.7	25.5	26.1	26.6	27.1	27.5	27.8	28.1
17.5°	25.9	27.2	27.9	28.8	29.5	30.2	30.9	31.5	32.0	32.4	32.7
20°	29.7	30.8	31.9	32.9	33.9	34.8	35.5	36.2	36.6	37.0	37.4
22.5°	33.5	34.9	36.2	37.4	38.6	39.2	39.9	40.4	41.0	41.7	42.4
25°	37.6	39.3	41.0	41.7	42.4	43.2	43.8	44.6	45.4	46.2	47.0
27.5°	42.4	43.7	44.4	45.3	45.9	46.5	47.4	48.1	49.0	49.9	50.9
30°	46.8	47.6	48.2	48.5	48.7	49.2	50.1	51.0	52.2	53.4	54.8
32.5°	50.5	51.0	51.3	51.5	52.1	52.5	53.2	53.9	55.5	57.8	60.1
35°	53.7	53.9	54.2	54.8	55.4	56.2	57.0	58.8	60.6	63.4	67.0
37.5°	56.4	56.7	57.3	58.1	59.0	60.4	62.5	64.8	68.1	71.5	75.5
40°	59.0	59.6	60.5	61.5	63.3	65.5	68.8	72.5	77.0	82.1	87.4
42.5°	61.8	62.6	63.8	65.6	68.0	71.9	76.0	81.8	88.1	94.7	101.7
45°	64.5	65.8	67.5	70.0	74.1	78.6	85.3	92.2	100.3	108.6	117.4
47.5°	67.5	68.9	71.6	75.4	80.4	87.5	95.2	104.1	113.6	123.5	134.2
50°	70.8	72.7	75.9	81.3	88.4	96.5	106.1	116.6	128.0	139.7	152.0
52.5°	78.6	79.8	83.1	88.1	96.8	106.5	117.5	129.8	142.6	156.5	171.3
55°	86.8	88.8	93.2	99.3	107.3	116.7	128.9	143.1	157.9	173.9	191.2
57.5°	94.8	98.3	103.5	110.2	119.0	130.0	142.6	156.8	173.4	191.9	210.7
60°	103.1	107.5	113.4	121.0	130.8	142.5	156.6	172.4	190.0	209.2	227.9
62.5°	111.9	116.8	122.7	130.9	141.9	155.0	170.0	186.8	205.8	224.3	244.6
65°	120.6	125.6	132.0	140.8	152.3	166.3	182.4	200.3	218.7	238.0	260.4
67.5°	129.0	133.8	140.5	150.1	162.5	177.2	193.7	211.5	229.5	251.0	277.3
70°	137.2	141.6	148.3	158.7	171.6	186.9	203.4	220.6	239.6	262.7	292.6
72.5°	143.5	148.7	156.0	166.7	179.9	196.1	211.2	227.8	248.2	273.8	305.9
75°	149.0	154.9	162.6	172.9	185.9	201.3	217.0	233.8	254.8	282.0	317.8
77.5°	154.6	160.9	168.4	177.8	190.3	204.9	220.2	238.2	261.5	290.9	327.1
80°	160.0	166.6	173.5	181.8	193.7	207.5	222.3	241.4	267.0	300.1	337.0
82.5°	165.3	172.2	178.0	184.9	196.1	209.2	223.3	243.5	271.2	307.1	344.8
85°	170.5	177.5	182.0	187.3	197.7	210.0	223.5	244.5	274.1	311.8	350.2
87.5°	175.6	182.7	185.8	189.3	198.8	210.3	223.0	244.8	276.3	315.4	354.4
90°	180.4	187.4	189.2	190.9	199.1	209.6	221.3	242.9	275.0	314.1	353.3
92.5°	175.6	182.7	185.8	189.3	198.8	210.3	223.0	244.8	276.3	315.4	354.4
95°	170.5	177.5	182.0	187.3	197.7	210.0	223.5	244.5	274.1	311.8	350.2
97.5°	165.3	172.2	178.0	184.9	196.1	209.2	223.3	243.5	271.2	307.1	344.8
100°	160.0	166.6	173.5	181.8	193.7	207.5	222.3	241.4	267.0	300.1	337.0
102.5°	154.6	160.9	168.4	177.8	190.3	204.9	220.2	238.2	261.5	290.9	327.1
105°	149.0	154.9	162.6	172.9	185.9	201.3	217.0	233.8	254.8	282.0	317.8
107.5°	143.5	148.7	156.0	166.7	179.9	196.1	211.2	227.8	248.2	273.8	305.9
110°	137.2	141.6	148.3	158.7	171.6	186.9	203.4	220.6	239.6	262.7	292.6



TEST NUMBER: P231873

CATALOG NUMBER: FVS4WM-2-LD4-35-1LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
112.5°	129.0	133.8	140.5	150.1	162.5	177.2	193.7	211.5	229.5	251.0	277.3
115°	120.6	125.6	132.0	140.8	152.3	166.3	182.4	200.3	218.7	238.0	260.4
117.5°	111.9	116.8	122.7	130.9	141.9	155.0	170.0	186.8	205.8	224.3	244.6
120°	103.1	107.5	113.4	121.0	130.8	142.5	156.6	172.4	190.0	209.2	227.9
122.5°	94.8	98.3	103.5	110.2	119.0	130.0	142.6	156.8	173.4	191.9	210.7
125°	86.8	88.8	93.2	99.3	107.3	116.7	128.9	143.1	157.9	173.9	191.2
127.5°	78.6	79.8	83.1	88.1	96.8	106.5	117.5	129.8	142.6	156.5	171.3
130°	70.8	72.7	75.9	81.3	88.4	96.5	106.1	116.6	128.0	139.7	152.0
132.5°	67.5	68.9	71.6	75.4	80.4	87.5	95.2	104.1	113.6	123.5	134.2
135°	64.5	65.8	67.5	70.0	74.1	78.6	85.3	92.2	100.3	108.6	117.4
137.5°	61.8	62.6	63.8	65.6	68.0	71.9	76.0	81.8	88.1	94.7	101.7
140°	59.0	59.6	60.5	61.5	63.3	65.5	68.8	72.5	77.0	82.1	87.4
142.5°	56.4	56.7	57.3	58.1	59.0	60.4	62.5	64.8	68.1	71.5	75.5
145°	53.7	53.9	54.2	54.8	55.4	56.2	57.0	58.8	60.6	63.4	67.0
147.5°	50.5	51.0	51.3	51.5	52.1	52.5	53.2	53.9	55.5	57.8	60.1
150°	46.8	47.6	48.2	48.5	48.7	49.2	50.1	51.0	52.2	53.4	54.8
152.5°	42.4	43.7	44.4	45.3	45.9	46.5	47.4	48.1	49.0	49.9	50.9
155°	37.6	39.3	41.0	41.7	42.4	43.2	43.8	44.6	45.4	46.2	47.0
157.5°	33.5	34.9	36.2	37.4	38.6	39.2	39.9	40.4	41.0	41.7	42.4
160°	29.7	30.8	31.9	32.9	33.9	34.8	35.5	36.2	36.6	37.0	37.4
162.5°	25.9	27.2	27.9	28.8	29.5	30.2	30.9	31.5	32.0	32.4	32.7
165°	21.9	22.9	23.8	24.7	25.5	26.1	26.6	27.1	27.5	27.8	28.1
167.5°	18.4	19.0	19.7	20.4	21.1	21.7	22.2	22.8	23.2	23.6	23.8
170°	15.2	15.7	16.2	16.6	17.0	17.4	17.7	18.1	18.5	18.8	19.1
172.5°	11.4	12.0	12.5	13.0	13.5	13.8	14.0	14.2	14.5	14.6	14.8
175°	7.2	7.6	8.0	8.3	8.7	9.0	9.3	9.6	9.8	10.1	10.3
177.5°	3.6	3.8	3.9	4.0	4.1	4.2	4.3	4.4	4.5	4.6	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: P231873

CATALOG NUMBER: FVS4WM-2-LD4-35-1LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	4.7	4.7	4.8	4.8	4.8	4.9	5.0	5.0	4.9	4.9	4.8
5°	10.5	10.6	10.8	10.9	11.1	11.1	11.2	11.2	11.5	11.4	11.3
7.5°	14.9	15.0	15.1	15.2	15.2	15.2	15.2	15.1	15.1	15.1	14.9
10°	19.4	19.6	19.8	19.9	20.0	20.0	20.1	20.0	20.0	20.0	19.8
12.5°	24.0	24.2	24.3	24.3	24.3	24.3	24.2	24.1	23.9	23.7	23.5
15°	28.3	28.5	28.6	28.6	28.6	28.5	28.4	28.1	27.9	27.6	27.3
17.5°	33.0	33.2	33.3	33.4	33.4	33.4	33.3	33.2	33.0	32.7	32.5
20°	37.7	38.1	38.6	39.1	39.5	39.9	40.2	40.5	40.6	40.7	41.0
22.5°	43.2	43.9	44.5	45.1	45.6	46.1	46.5	46.9	47.1	47.3	47.7
25°	47.8	48.6	49.4	50.2	51.0	51.7	52.3	52.9	53.4	53.8	54.1
27.5°	52.0	53.1	54.1	55.4	56.9	58.2	59.5	60.6	61.5	62.3	62.9
30°	56.6	58.6	60.5	62.4	64.7	66.9	68.9	70.7	72.3	73.6	74.6
32.5°	62.7	65.8	68.9	71.7	74.9	78.1	81.0	83.6	85.9	87.8	89.3
35°	70.6	75.0	79.4	83.6	87.8	92.7	97.2	101.3	105.0	108.1	110.7
37.5°	80.9	86.4	92.8	99.1	105.0	110.8	115.9	120.5	124.4	127.7	130.4
40°	93.5	100.6	108.4	115.8	122.6	129.3	135.7	141.3	146.3	150.4	153.7
42.5°	109.2	116.6	125.1	134.2	142.6	150.5	158.5	165.3	171.1	175.7	179.3
45°	126.2	135.5	144.2	155.2	165.8	176.4	184.1	191.6	197.8	202.6	206.2
47.5°	144.8	156.4	168.0	179.4	191.3	202.0	212.1	221.5	229.4	235.7	240.4
50°	165.5	179.0	192.8	205.8	219.8	233.1	245.4	257.2	267.3	275.4	281.5
52.5°	186.9	202.5	218.5	234.4	251.6	268.5	283.4	300.0	313.8	324.5	332.2
55°	208.5	226.0	244.4	264.5	286.1	311.3	332.7	347.9	359.0	366.9	371.7
57.5°	229.0	249.3	271.0	298.3	328.1	352.0	375.1	387.5	395.5	401.4	405.3
60°	249.0	272.3	301.7	331.4	359.9	384.6	404.6	417.4	423.4	428.4	432.2
62.5°	267.8	297.7	328.9	360.1	387.2	410.3	426.3	437.9	445.0	450.2	453.6
65°	288.8	319.8	353.2	385.1	412.0	432.8	447.4	458.2	463.7	467.5	470.2
67.5°	308.2	341.8	376.8	409.7	436.6	455.2	467.1	473.5	478.1	482.8	485.6
70°	326.4	362.1	398.3	433.3	459.0	473.2	482.1	488.2	493.7	497.4	500.9
72.5°	342.1	379.0	416.4	450.2	473.9	487.4	494.4	500.6	506.1	509.2	512.7
75°	354.7	392.6	431.2	464.4	486.1	496.5	504.7	510.9	515.6	519.1	521.9
77.5°	364.0	402.9	445.4	476.9	494.1	504.4	512.5	518.6	523.0	526.8	530.2
80°	373.9	414.0	456.1	487.1	501.8	510.7	518.6	524.4	529.6	534.4	537.1
82.5°	382.4	424.7	465.5	492.6	506.0	515.3	523.6	529.3	534.7	538.4	542.2
85°	387.9	431.3	472.1	496.9	508.7	518.4	526.6	532.3	538.1	542.4	546.9
87.5°	391.8	433.9	475.5	499.9	510.3	519.5	528.3	533.2	539.9	543.7	549.3
90°	390.0	432.7	475.3	501.0	510.9	519.1	529.0	533.1	538.9	544.2	547.7
92.5°	391.8	433.9	475.5	499.9	510.3	519.5	528.3	533.2	539.9	543.7	549.3
95°	387.9	431.3	472.1	496.9	508.7	518.4	526.6	532.3	538.1	542.4	546.9
97.5°	382.4	424.7	465.5	492.6	506.0	515.3	523.6	529.3	534.7	538.4	542.2
100°	373.9	414.0	456.1	487.1	501.8	510.7	518.6	524.4	529.6	534.4	537.1
102.5°	364.0	402.9	445.4	476.9	494.1	504.4	512.5	518.6	523.0	526.8	530.2
105°	354.7	392.6	431.2	464.4	486.1	496.5	504.7	510.9	515.6	519.1	521.9
107.5°	342.1	379.0	416.4	450.2	473.9	487.4	494.4	500.6	506.1	509.2	512.7
110°	326.4	362.1	398.3	433.3	459.0	473.2	482.1	488.2	493.7	497.4	500.9



TEST NUMBER: P231873

CATALOG NUMBER: FVS4WM-2-LD4-35-1LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	308.2	341.8	376.8	409.7	436.6	455.2	467.1	473.5	478.1	482.8	485.6
115°	288.8	319.8	353.2	385.1	412.0	432.8	447.4	458.2	463.7	467.5	470.2
117.5°	267.8	297.7	328.9	360.1	387.2	410.3	426.3	437.9	445.0	450.2	453.6
120°	249.0	272.3	301.7	331.4	359.9	384.6	404.6	417.4	423.4	428.4	432.2
122.5°	229.0	249.3	271.0	298.3	328.1	352.0	375.1	387.5	395.5	401.4	405.3
125°	208.5	226.0	244.4	264.5	286.1	311.3	332.7	347.9	359.0	366.9	371.7
127.5°	186.9	202.5	218.5	234.4	251.6	268.5	283.4	300.0	313.8	324.5	332.2
130°	165.5	179.0	192.8	205.8	219.8	233.1	245.4	257.2	267.3	275.4	281.5
132.5°	144.8	156.4	168.0	179.4	191.3	202.0	212.1	221.5	229.4	235.7	240.4
135°	126.2	135.5	144.2	155.2	165.8	176.4	184.1	191.6	197.8	202.6	206.2
137.5°	109.2	116.6	125.1	134.2	142.6	150.5	158.5	165.3	171.1	175.7	179.3
140°	93.5	100.6	108.4	115.8	122.6	129.3	135.7	141.3	146.3	150.4	153.7
142.5°	80.9	86.4	92.8	99.1	105.0	110.8	115.9	120.5	124.4	127.7	130.4
145°	70.6	75.0	79.4	83.6	87.8	92.7	97.2	101.3	105.0	108.1	110.7
147.5°	62.7	65.8	68.9	71.7	74.9	78.1	81.0	83.6	85.9	87.8	89.3
150°	56.6	58.6	60.5	62.4	64.7	66.9	68.9	70.7	72.3	73.6	74.6
152.5°	52.0	53.1	54.1	55.4	56.9	58.2	59.5	60.6	61.5	62.3	62.9
155°	47.8	48.6	49.4	50.2	51.0	51.7	52.3	52.9	53.4	53.8	54.1
157.5°	43.2	43.9	44.5	45.1	45.6	46.1	46.5	46.9	47.1	47.3	47.7
160°	37.7	38.1	38.6	39.1	39.5	39.9	40.2	40.5	40.6	40.7	41.0
162.5°	33.0	33.2	33.3	33.4	33.4	33.4	33.3	33.2	33.0	32.7	32.5
165°	28.3	28.5	28.6	28.6	28.6	28.5	28.4	28.1	27.9	27.6	27.3
167.5°	24.0	24.2	24.3	24.3	24.3	24.3	24.2	24.1	23.9	23.7	23.5
170°	19.4	19.6	19.8	19.9	20.0	20.0	20.1	20.0	20.0	20.0	19.8
172.5°	14.9	15.0	15.1	15.2	15.2	15.2	15.2	15.1	15.1	15.1	14.9
175°	10.5	10.6	10.8	10.9	11.1	11.1	11.2	11.2	11.5	11.4	11.3
177.5°	4.7	4.7	4.8	4.8	4.8	4.9	5.0	5.0	4.9	4.9	4.8
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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CATALOG NUMBER: FVS4WM-2-LD4-35-1LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	0.0	0.0
2.5°	4.8	4.7
5°	11.2	11.1
7.5°	14.8	14.6
10°	19.5	19.3
12.5°	23.1	22.8
15°	26.8	26.3
17.5°	32.0	31.5
20°	40.6	40.3
22.5°	47.5	47.3
25°	54.3	54.3
27.5°	63.5	63.6
30°	75.6	75.9
32.5°	90.6	91.1
35°	112.9	113.9
37.5°	132.7	133.7
40°	156.6	157.7
42.5°	182.4	183.3
45°	209.1	209.6
47.5°	244.2	244.7
50°	286.6	287.3
52.5°	338.4	338.7
55°	374.8	373.1
57.5°	408.1	406.4
60°	435.6	435.0
62.5°	455.2	454.9
65°	471.7	471.8
67.5°	486.6	485.8
70°	503.5	504.5
72.5°	514.7	515.0
75°	524.6	526.1
77.5°	532.9	533.7
80°	539.3	540.1
82.5°	545.2	547.7
85°	548.9	549.4
87.5°	552.8	550.0
90°	549.4	554.7
92.5°	552.8	550.0
95°	548.9	549.4
97.5°	545.2	547.7
100°	539.3	540.1
102.5°	532.9	533.7
105°	524.6	526.1
107.5°	514.7	515.0
110°	503.5	504.5



TEST NUMBER: P231873

CATALOG NUMBER: FVS4WM-2-LD4-35-1LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	486.6	485.8
115°	471.7	471.8
117.5°	455.2	454.9
120°	435.6	435.0
122.5°	408.1	406.4
125°	374.8	373.1
127.5°	338.4	338.7
130°	286.6	287.3
132.5°	244.2	244.7
135°	209.1	209.6
137.5°	182.4	183.3
140°	156.6	157.7
142.5°	132.7	133.7
145°	112.9	113.9
147.5°	90.6	91.1
150°	75.6	75.9
152.5°	63.5	63.6
155°	54.3	54.3
157.5°	47.5	47.3
160°	40.6	40.3
162.5°	32.0	31.5
165°	26.8	26.3
167.5°	23.1	22.8
170°	19.5	19.3
172.5°	14.8	14.6
175°	11.2	11.1
177.5°	4.8	4.7
180°	0.0	0.0

(END OF REPORT)