

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: P231897

Luminaire Tested: **FVS4WM-2-LD4-35-1LO-PA187-UNV-EDC1**

Issue Date: 3/3/2020



Test Information

Test Method: LM-79-08
Report Number: P231897
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1706-121-5)
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-PA187-UNV-EDC1
Description: FAILSAFE FVS LED FIXTURE
2FT LENGTH, 1-MODULE LED WITH PA187 LENS
Light Source: (42) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

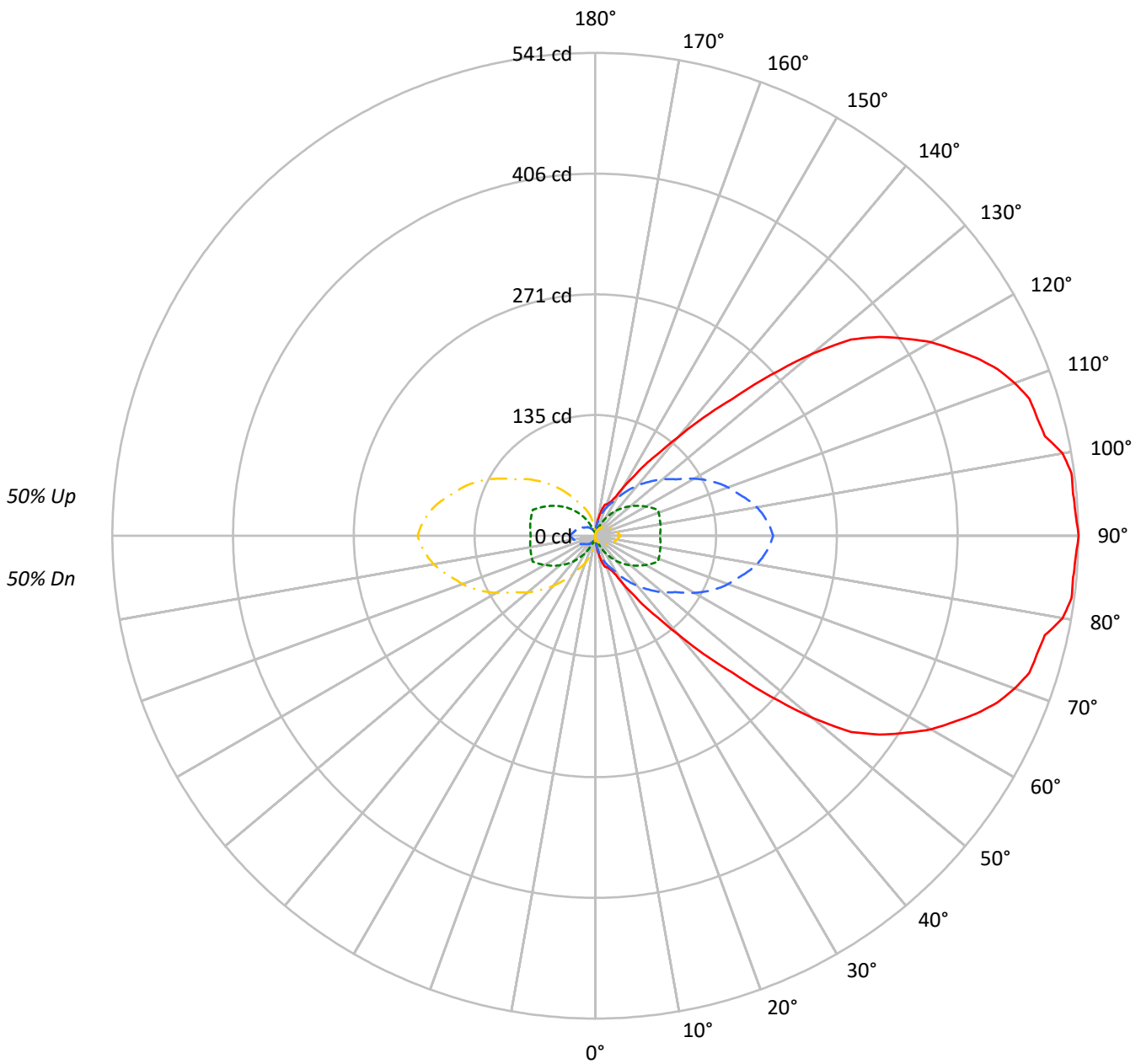
Lumens per Lamp: N/A
Luminaire Lumens: 1253.4 lumens
Efficiency: N/A
Efficacy: 101.9 lumens/watt
Spacing Criteria (0/90/45): - / - / -
Luminous Opening: Rectangular w/ Sides (W: 1.92' x L: 0.19' x H: 0.31')
CIE Type: General Diffuse

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°	231	68	0	68
10°	454	139	0	139
15°	688	208	0	208
20°	742	280	0	280
25°	792	439	0	439
30°	1102	689	0	689
35°	1637	962	0	962
40°	2352	1269	0	1269
45°	3442	1617	0	1617
50°	4948	2005	0	2005
55°	6000	2474	0	2474
60°	6689	3055	0	3055
65°	7302	3802	0	3802
70°	7848	4566	0	4566
75°	8210	5374	0	5374
80°	8771	6632	0	6632
85°	9209	8785	0	8785



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	0.5	0.0
10°-20°	3.9	0.3
20°-30°	10.5	0.8
30°-40°	24.3	1.9
40°-50°	48.3	3.9
50°-60°	86.6	6.9
60°-70°	127.1	10.1
70°-80°	155.4	12.4
80°-90°	170.0	13.6
90°-100°	170.0	13.6
100°-110°	155.4	12.4
110°-120°	127.1	10.1
120°-130°	86.6	6.9
130°-140°	48.3	3.9
140°-150°	24.3	1.9
150°-160°	10.5	0.8
160°-170°	3.9	0.3
170°-180°	0.5	0.0
0°-30°	15.0	1.2
0°-40°	39.2	3.1
0°-60°	174.2	13.9
0°-90°	626.7	50.0
90°-120°	452.5	36.1
90°-150°	611.7	48.8
90°-180°	627.0	50.0
0°-180°	1253.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	0	0	0	0	0	
5°	9	2	0	2	9	1
15°	32	7	0	7	32	9
25°	43	14	0	14	43	21
35°	97	29	0	29	97	63
45°	217	44	0	44	217	175
55°	388	58	0	58	388	345
65°	471	72	0	72	471	466
75°	512	75	0	75	512	543
85°	537	73	0	73	537	439
90°	541	72	0	72	541	296
95°	537	73	0	73	537	439
105°	512	75	0	75	512	543
115°	471	72	0	72	471	466
125°	388	58	0	58	388	345
135°	217	44	0	44	217	175
145°	97	29	0	29	97	63
155°	43	14	0	14	43	21
165°	32	7	0	7	32	9
175°	9	2	0	2	9	1
180°	0	0	0	0	0	



TEST NUMBER: P231897

CATALOG NUMBER: FVS4WM-2-LD4-35-1LO-PA187-UNV-EDC1

CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	3.5	3.6	3.6	3.7	3.7	3.8	3.8	3.7	3.7	3.7	3.7
5°	8.8	8.9	9.0	9.1	9.2	9.0	9.0	9.0	8.9	8.8	8.7
7.5°	14.0	14.1	14.3	14.4	14.3	14.3	14.2	14.2	14.1	14.0	13.8
10°	19.3	19.4	19.6	19.7	19.6	19.5	19.5	19.4	19.2	19.0	18.8
12.5°	25.7	25.8	26.0	25.8	25.7	25.6	25.4	25.2	24.9	24.6	24.2
15°	32.1	32.2	32.2	32.0	31.8	31.6	31.3	30.9	30.5	30.1	29.6
17.5°	36.8	36.9	37.0	36.8	36.7	36.5	36.2	35.9	35.5	35.0	34.5
20°	37.4	37.8	38.1	38.4	38.6	38.8	38.9	39.0	38.9	38.8	38.6
22.5°	39.7	40.3	41.0	41.4	41.8	42.1	42.3	42.4	42.3	42.1	41.8
25°	42.6	43.6	44.4	45.2	45.8	46.4	46.7	47.0	47.1	47.0	46.7
27.5°	49.1	50.2	51.1	51.8	52.4	52.8	53.1	53.1	53.0	52.7	52.3
30°	62.5	63.5	63.8	64.0	63.9	63.6	63.0	62.2	61.3	60.1	59.6
32.5°	75.9	76.7	76.8	76.7	76.3	75.7	74.7	73.6	72.3	70.7	69.1
35°	97.0	97.2	96.2	94.9	93.2	91.2	88.8	86.1	83.3	81.2	79.1
37.5°	115.6	115.5	114.2	112.7	110.6	108.0	105.0	101.6	97.8	94.1	90.3
40°	144.3	143.4	140.5	137.2	133.2	128.6	123.4	117.8	112.6	107.9	102.9
42.5°	179.3	177.3	172.7	167.7	161.6	154.7	147.0	138.8	131.4	124.1	116.6
45°	216.7	213.8	207.8	201.2	193.3	184.4	174.5	164.9	153.8	143.3	133.1
47.5°	266.3	261.3	252.0	242.1	230.7	218.2	204.7	191.4	178.5	165.2	153.5
50°	317.1	311.2	300.1	288.0	273.8	257.5	239.5	222.2	205.5	189.7	175.6
52.5°	361.0	355.8	345.4	333.5	318.8	301.1	280.4	258.8	237.1	217.1	199.4
55°	388.4	387.8	382.6	375.0	363.0	346.3	324.7	300.2	274.4	249.9	225.7
57.5°	411.2	413.6	412.1	408.7	402.1	391.9	374.4	344.0	314.1	283.8	255.4
60°	434.0	436.1	435.0	433.2	430.1	425.8	409.2	382.4	351.2	316.8	284.7
62.5°	452.1	453.6	453.6	452.1	449.2	445.1	429.5	409.3	380.1	347.5	311.6
65°	471.3	471.9	470.9	468.8	465.8	461.1	448.8	428.7	403.2	371.0	334.7
67.5°	487.7	486.8	484.7	482.0	479.3	477.0	470.8	455.5	426.6	393.1	355.6
70°	500.0	499.3	497.0	493.3	490.4	489.3	487.3	478.2	459.3	418.0	378.4
72.5°	509.9	510.0	508.4	504.9	502.0	499.3	497.8	494.3	477.2	443.5	399.3
75°	512.2	517.0	519.1	516.1	510.5	506.7	505.0	501.6	487.5	458.1	417.1
77.5°	515.7	522.0	527.0	525.7	519.6	512.0	510.4	507.3	495.4	468.6	428.6
80°	531.5	528.7	529.2	531.0	526.8	521.3	516.5	514.2	505.8	478.4	435.7
82.5°	537.9	536.0	533.5	532.5	530.3	527.1	523.1	519.6	511.3	487.3	446.8
85°	537.3	540.7	540.2	532.9	527.1	527.3	525.4	521.5	515.2	495.1	453.9
87.5°	538.5	541.9	539.0	536.6	528.1	523.5	521.6	521.7	518.2	500.0	456.6
90°	541.4	543.2	539.7	541.4	534.4	520.4	516.3	521.0	519.8	501.1	455.0
92.5°	538.5	541.9	539.0	536.6	528.1	523.5	521.6	521.7	518.2	500.0	456.6
95°	537.3	540.7	540.2	532.9	527.1	527.3	525.4	521.5	515.2	495.1	453.9
97.5°	537.9	536.0	533.5	532.5	530.3	527.1	523.1	519.6	511.3	487.3	446.8
100°	531.5	528.7	529.2	531.0	526.8	521.3	516.5	514.2	505.8	478.4	435.7
102.5°	515.7	522.0	527.0	525.7	519.6	512.0	510.4	507.3	495.4	468.6	428.6
105°	512.2	517.0	519.1	516.1	510.5	506.7	505.0	501.6	487.5	458.1	417.1
107.5°	509.9	510.0	508.4	504.9	502.0	499.3	497.8	494.3	477.2	443.5	399.3
110°	500.0	499.3	497.0	493.3	490.4	489.3	487.3	478.2	459.3	418.0	378.4



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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°	487.7	486.8	484.7	482.0	479.3	477.0	470.8	455.5	426.6	393.1	355.6
115°	471.3	471.9	470.9	468.8	465.8	461.1	448.8	428.7	403.2	371.0	334.7
117.5°	452.1	453.6	453.6	452.1	449.2	445.1	429.5	409.3	380.1	347.5	311.6
120°	434.0	436.1	435.0	433.2	430.1	425.8	409.2	382.4	351.2	316.8	284.7
122.5°	411.2	413.6	412.1	408.7	402.1	391.9	374.4	344.0	314.1	283.8	255.4
125°	388.4	387.8	382.6	375.0	363.0	346.3	324.7	300.2	274.4	249.9	225.7
127.5°	361.0	355.8	345.4	333.5	318.8	301.1	280.4	258.8	237.1	217.1	199.4
130°	317.1	311.2	300.1	288.0	273.8	257.5	239.5	222.2	205.5	189.7	175.6
132.5°	266.3	261.3	252.0	242.1	230.7	218.2	204.7	191.4	178.5	165.2	153.5
135°	216.7	213.8	207.8	201.2	193.3	184.4	174.5	164.9	153.8	143.3	133.1
137.5°	179.3	177.3	172.7	167.7	161.6	154.7	147.0	138.8	131.4	124.1	116.6
140°	144.3	143.4	140.5	137.2	133.2	128.6	123.4	117.8	112.6	107.9	102.9
142.5°	115.6	115.5	114.2	112.7	110.6	108.0	105.0	101.6	97.8	94.1	90.3
145°	97.0	97.2	96.2	94.9	93.2	91.2	88.8	86.1	83.3	81.2	79.1
147.5°	75.9	76.7	76.8	76.7	76.3	75.7	74.7	73.6	72.3	70.7	69.1
150°	62.5	63.5	63.8	64.0	63.9	63.6	63.0	62.2	61.3	60.1	59.6
152.5°	49.1	50.2	51.1	51.8	52.4	52.8	53.1	53.1	53.0	52.7	52.3
155°	42.6	43.6	44.4	45.2	45.8	46.4	46.7	47.0	47.1	47.0	46.7
157.5°	39.7	40.3	41.0	41.4	41.8	42.1	42.3	42.4	42.3	42.1	41.8
160°	37.4	37.8	38.1	38.4	38.6	38.8	38.9	39.0	38.9	38.8	38.6
162.5°	36.8	36.9	37.0	36.8	36.7	36.5	36.2	35.9	35.5	35.0	34.5
165°	32.1	32.2	32.2	32.0	31.8	31.6	31.3	30.9	30.5	30.1	29.6
167.5°	25.7	25.8	26.0	25.8	25.7	25.6	25.4	25.2	24.9	24.6	24.2
170°	19.3	19.4	19.6	19.7	19.6	19.5	19.5	19.4	19.2	19.0	18.8
172.5°	14.0	14.1	14.3	14.4	14.3	14.3	14.2	14.2	14.1	14.0	13.8
175°	8.8	8.9	9.0	9.1	9.2	9.0	9.0	9.0	8.9	8.8	8.7
177.5°	3.5	3.6	3.6	3.7	3.7	3.8	3.8	3.7	3.7	3.7	3.7
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°	3.6	3.6	3.6	3.5	3.5	3.4	3.4	3.3	3.2	3.1	3.1
5°	8.6	8.5	8.3	8.2	8.0	7.8	7.5	7.3	7.0	6.8	6.5
7.5°	13.6	13.4	13.2	13.0	12.7	12.4	12.1	11.7	11.4	10.9	10.5
10°	18.6	18.3	18.0	17.6	17.2	16.8	16.4	15.9	15.4	14.9	14.4
12.5°	23.8	23.3	22.8	22.2	21.7	21.2	20.6	20.0	19.4	18.7	18.0
15°	29.1	28.5	27.9	27.2	26.5	25.7	24.9	24.1	23.2	22.4	21.6
17.5°	33.9	33.2	32.5	31.7	30.9	30.0	29.1	28.2	27.2	26.2	25.1
20°	38.2	37.6	36.8	35.9	34.9	33.9	32.8	31.8	30.8	29.7	28.6
22.5°	41.4	41.0	40.5	39.8	38.9	37.8	36.6	35.3	33.9	32.7	31.6
25°	46.3	45.6	44.8	43.8	42.8	41.7	40.4	38.9	37.4	35.8	34.3
27.5°	52.0	51.3	50.5	49.4	48.0	46.5	44.9	43.0	41.1	39.1	37.3
30°	58.8	57.9	56.9	55.6	54.2	52.4	50.4	48.1	45.9	44.1	42.3
32.5°	67.4	65.6	64.1	62.6	60.9	59.0	56.8	54.5	52.1	49.7	47.6
35°	77.0	74.7	72.5	70.2	68.0	65.8	63.3	60.8	58.1	55.5	52.9
37.5°	86.5	83.6	81.0	78.5	75.4	72.5	69.8	67.0	64.1	61.1	58.2
40°	97.9	93.7	89.6	86.2	83.0	79.7	76.4	73.2	70.0	66.7	63.4
42.5°	110.4	104.9	99.5	95.1	91.0	86.9	83.1	79.5	76.0	72.4	68.7
45°	125.2	117.2	110.6	104.3	99.1	94.3	90.0	85.6	81.8	78.0	74.0
47.5°	142.3	131.5	122.7	114.4	107.7	101.8	96.9	92.2	87.5	83.5	79.3
50°	161.3	148.4	135.8	125.8	117.0	109.7	103.5	98.6	93.5	88.6	84.4
52.5°	181.6	166.1	151.3	137.9	126.9	117.7	110.3	104.4	99.8	94.0	90.6
55°	204.4	184.1	167.1	151.3	137.3	126.2	116.9	110.1	105.9	102.1	98.6
57.5°	229.3	204.9	182.9	164.8	148.8	134.8	126.0	118.9	112.8	109.1	105.9
60°	254.5	226.8	201.1	177.7	161.3	147.2	135.6	127.8	120.7	115.6	112.5
62.5°	278.2	247.5	220.0	195.7	174.2	158.3	145.7	136.4	129.0	121.6	118.3
65°	298.8	267.7	238.7	212.4	188.9	169.5	154.7	144.0	137.0	128.8	124.0
67.5°	319.7	286.8	255.9	227.5	202.4	179.6	163.2	151.8	144.0	136.4	129.3
70°	339.9	303.7	271.6	240.3	214.4	191.0	171.7	158.3	150.2	143.9	134.4
72.5°	357.1	318.5	283.6	251.9	224.1	200.6	179.1	163.9	155.6	150.4	140.4
75°	373.5	330.9	293.7	260.9	231.1	208.4	186.8	170.6	161.4	154.8	145.5
77.5°	387.1	340.6	301.7	268.9	239.8	216.1	194.9	177.7	167.0	159.5	150.2
80°	395.2	352.0	311.0	276.6	247.1	222.5	201.6	183.7	172.3	164.3	154.6
82.5°	402.9	360.6	317.9	282.0	252.2	227.4	206.9	188.7	177.3	169.0	158.6
85°	407.9	365.2	322.0	285.1	255.3	231.1	211.0	192.9	182.0	173.7	162.2
87.5°	409.8	367.6	324.8	286.9	257.3	234.0	214.5	196.5	186.5	178.4	165.6
90°	408.3	363.3	322.4	285.0	256.4	234.8	216.1	199.2	190.4	182.2	168.2
92.5°	409.8	367.6	324.8	286.9	257.3	234.0	214.5	196.5	186.5	178.4	165.6
95°	407.9	365.2	322.0	285.1	255.3	231.1	211.0	192.9	182.0	173.7	162.2
97.5°	402.9	360.6	317.9	282.0	252.2	227.4	206.9	188.7	177.3	169.0	158.6
100°	395.2	352.0	311.0	276.6	247.1	222.5	201.6	183.7	172.3	164.3	154.6
102.5°	387.1	340.6	301.7	268.9	239.8	216.1	194.9	177.7	167.0	159.5	150.2
105°	373.5	330.9	293.7	260.9	231.1	208.4	186.8	170.6	161.4	154.8	145.5
107.5°	357.1	318.5	283.6	251.9	224.1	200.6	179.1	163.9	155.6	150.4	140.4
110°	339.9	303.7	271.6	240.3	214.4	191.0	171.7	158.3	150.2	143.9	134.4



TEST NUMBER: P231897

CATALOG NUMBER: FVS4WM-2-LD4-35-1LO-PA187-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
112.5°	319.7	286.8	255.9	227.5	202.4	179.6	163.2	151.8	144.0	136.4	129.3
115°	298.8	267.7	238.7	212.4	188.9	169.5	154.7	144.0	137.0	128.8	124.0
117.5°	278.2	247.5	220.0	195.7	174.2	158.3	145.7	136.4	129.0	121.6	118.3
120°	254.5	226.8	201.1	177.7	161.3	147.2	135.6	127.8	120.7	115.6	112.5
122.5°	229.3	204.9	182.9	164.8	148.8	134.8	126.0	118.9	112.8	109.1	105.9
125°	204.4	184.1	167.1	151.3	137.3	126.2	116.9	110.1	105.9	102.1	98.6
127.5°	181.6	166.1	151.3	137.9	126.9	117.7	110.3	104.4	99.8	94.0	90.6
130°	161.3	148.4	135.8	125.8	117.0	109.7	103.5	98.6	93.5	88.6	84.4
132.5°	142.3	131.5	122.7	114.4	107.7	101.8	96.9	92.2	87.5	83.5	79.3
135°	125.2	117.2	110.6	104.3	99.1	94.3	90.0	85.6	81.8	78.0	74.0
137.5°	110.4	104.9	99.5	95.1	91.0	86.9	83.1	79.5	76.0	72.4	68.7
140°	97.9	93.7	89.6	86.2	83.0	79.7	76.4	73.2	70.0	66.7	63.4
142.5°	86.5	83.6	81.0	78.5	75.4	72.5	69.8	67.0	64.1	61.1	58.2
145°	77.0	74.7	72.5	70.2	68.0	65.8	63.3	60.8	58.1	55.5	52.9
147.5°	67.4	65.6	64.1	62.6	60.9	59.0	56.8	54.5	52.1	49.7	47.6
150°	58.8	57.9	56.9	55.6	54.2	52.4	50.4	48.1	45.9	44.1	42.3
152.5°	52.0	51.3	50.5	49.4	48.0	46.5	44.9	43.0	41.1	39.1	37.3
155°	46.3	45.6	44.8	43.8	42.8	41.7	40.4	38.9	37.4	35.8	34.3
157.5°	41.4	41.0	40.5	39.8	38.9	37.8	36.6	35.3	33.9	32.7	31.6
160°	38.2	37.6	36.8	35.9	34.9	33.9	32.8	31.8	30.8	29.7	28.6
162.5°	33.9	33.2	32.5	31.7	30.9	30.0	29.1	28.2	27.2	26.2	25.1
165°	29.1	28.5	27.9	27.2	26.5	25.7	24.9	24.1	23.2	22.4	21.6
167.5°	23.8	23.3	22.8	22.2	21.7	21.2	20.6	20.0	19.4	18.7	18.0
170°	18.6	18.3	18.0	17.6	17.2	16.8	16.4	15.9	15.4	14.9	14.4
172.5°	13.6	13.4	13.2	13.0	12.7	12.4	12.1	11.7	11.4	10.9	10.5
175°	8.6	8.5	8.3	8.2	8.0	7.8	7.5	7.3	7.0	6.8	6.5
177.5°	3.6	3.6	3.6	3.5	3.5	3.4	3.4	3.3	3.2	3.1	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: P231897

CATALOG NUMBER: FVS4WM-2-LD4-35-1LO-PA187-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°	3.0	2.9	2.8	2.7	2.5	2.4	2.3	2.2	2.0	1.9	1.8
5°	6.2	5.9	5.5	5.3	5.1	4.8	4.6	4.3	4.1	3.8	3.5
7.5°	10.1	9.6	9.1	8.6	8.0	7.5	6.9	6.5	6.1	5.7	5.3
10°	13.8	13.2	12.6	11.9	11.2	10.5	9.7	9.0	8.2	7.6	7.0
12.5°	17.3	16.6	15.8	15.1	14.3	13.4	12.5	11.5	10.6	9.6	8.8
15°	20.8	19.9	19.1	18.1	17.1	16.2	15.2	14.1	12.9	11.7	10.5
17.5°	24.2	23.1	22.0	21.0	19.9	18.8	17.6	16.5	15.2	13.9	12.5
20°	27.4	26.2	24.9	23.8	22.5	21.3	20.0	18.8	17.5	16.0	14.4
22.5°	30.4	29.1	27.8	26.4	25.1	23.7	22.4	21.0	19.5	18.0	16.3
25°	32.9	31.7	30.4	28.9	27.9	26.8	25.7	24.5	23.2	21.9	20.3
27.5°	35.9	35.0	34.3	33.5	32.4	31.2	30.1	28.9	27.5	26.1	24.5
30°	40.8	39.5	38.4	37.7	36.8	35.6	34.3	33.1	31.9	30.3	28.7
32.5°	45.6	44.0	42.6	41.6	40.8	39.8	38.4	37.2	35.9	34.4	32.7
35°	50.6	48.4	46.8	45.5	44.6	43.8	42.5	41.2	39.9	38.5	36.7
37.5°	55.5	53.1	50.8	49.4	48.2	47.5	46.5	45.0	43.8	42.6	40.7
40°	60.4	57.6	55.2	53.0	51.8	51.0	50.3	48.9	47.5	46.4	44.6
42.5°	65.1	62.0	59.3	56.9	55.3	54.3	53.8	52.7	51.2	50.1	48.6
45°	70.0	66.2	63.4	60.8	58.5	57.6	57.1	56.5	54.9	53.7	52.5
47.5°	74.9	70.7	67.2	64.6	62.1	61.4	61.9	62.6	62.4	61.8	60.5
50°	79.9	75.6	73.0	71.9	71.0	70.5	70.9	71.6	72.1	71.9	69.7
52.5°	87.9	85.1	82.8	81.3	80.5	79.8	80.0	80.5	81.4	82.4	79.0
55°	96.3	94.1	92.1	90.5	89.8	89.3	89.2	89.5	90.3	92.5	88.6
57.5°	103.8	102.3	100.9	99.5	99.0	98.6	98.3	98.4	99.1	102.1	98.5
60°	110.5	109.8	109.0	108.3	107.9	107.7	107.5	107.4	108.0	111.4	108.5
62.5°	116.8	116.5	116.6	116.6	116.5	116.7	116.7	116.5	117.0	120.6	118.7
65°	122.4	122.7	123.6	124.5	125.0	125.6	125.8	125.6	125.9	129.6	129.0
67.5°	127.3	128.4	130.1	132.0	133.2	134.3	134.8	134.7	134.8	138.4	139.5
70°	131.8	133.7	136.3	138.7	140.1	140.8	141.0	140.8	140.6	142.1	141.8
72.5°	135.9	136.5	138.5	140.7	142.8	143.9	144.4	144.9	145.2	145.2	143.0
75°	139.0	138.4	140.3	142.7	145.4	147.0	147.7	148.8	149.9	148.9	144.2
77.5°	142.1	140.5	142.2	144.6	147.8	150.2	150.9	152.6	154.7	152.9	145.4
80°	145.2	142.7	144.1	146.4	150.3	153.3	154.0	156.2	159.5	157.2	146.5
82.5°	148.1	144.9	146.1	148.3	152.6	156.5	157.1	159.8	164.3	161.7	148.3
85°	151.0	147.2	148.2	150.2	155.0	159.6	160.1	163.2	169.2	166.6	148.9
87.5°	153.9	149.5	150.2	152.1	157.4	162.7	163.3	166.8	173.9	170.9	149.5
90°	156.5	151.9	152.4	154.2	160.0	165.9	166.5	170.5	178.7	175.2	150.1
92.5°	153.9	149.5	150.2	152.1	157.4	162.7	163.3	166.8	173.9	170.9	149.5
95°	151.0	147.2	148.2	150.2	155.0	159.6	160.1	163.2	169.2	166.6	148.9
97.5°	148.1	144.9	146.1	148.3	152.6	156.5	157.1	159.8	164.3	161.7	148.3
100°	145.2	142.7	144.1	146.4	150.3	153.3	154.0	156.2	159.5	157.2	146.5
102.5°	142.1	140.5	142.2	144.6	147.8	150.2	150.9	152.6	154.7	152.9	145.4
105°	139.0	138.4	140.3	142.7	145.4	147.0	147.7	148.8	149.9	148.9	144.2
107.5°	135.9	136.5	138.5	140.7	142.8	143.9	144.4	144.9	145.2	145.2	143.0
110°	131.8	133.7	136.3	138.7	140.1	140.8	141.0	140.8	140.6	142.1	141.8



TEST NUMBER: P231897

CATALOG NUMBER: FVS4WM-2-LD4-35-1LO-PA187-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	127.3	128.4	130.1	132.0	133.2	134.3	134.8	134.7	134.8	138.4	139.5
115°	122.4	122.7	123.6	124.5	125.0	125.6	125.8	125.6	125.9	129.6	129.0
117.5°	116.8	116.5	116.6	116.6	116.5	116.7	116.7	116.5	117.0	120.6	118.7
120°	110.5	109.8	109.0	108.3	107.9	107.7	107.5	107.4	108.0	111.4	108.5
122.5°	103.8	102.3	100.9	99.5	99.0	98.6	98.3	98.4	99.1	102.1	98.5
125°	96.3	94.1	92.1	90.5	89.8	89.3	89.2	89.5	90.3	92.5	88.6
127.5°	87.9	85.1	82.8	81.3	80.5	79.8	80.0	80.5	81.4	82.4	79.0
130°	79.9	75.6	73.0	71.9	71.0	70.5	70.9	71.6	72.1	71.9	69.7
132.5°	74.9	70.7	67.2	64.6	62.1	61.4	61.9	62.6	62.4	61.8	60.5
135°	70.0	66.2	63.4	60.8	58.5	57.6	57.1	56.5	54.9	53.7	52.5
137.5°	65.1	62.0	59.3	56.9	55.3	54.3	53.8	52.7	51.2	50.1	48.6
140°	60.4	57.6	55.2	53.0	51.8	51.0	50.3	48.9	47.5	46.4	44.6
142.5°	55.5	53.1	50.8	49.4	48.2	47.5	46.5	45.0	43.8	42.6	40.7
145°	50.6	48.4	46.8	45.5	44.6	43.8	42.5	41.2	39.9	38.5	36.7
147.5°	45.6	44.0	42.6	41.6	40.8	39.8	38.4	37.2	35.9	34.4	32.7
150°	40.8	39.5	38.4	37.7	36.8	35.6	34.3	33.1	31.9	30.3	28.7
152.5°	35.9	35.0	34.3	33.5	32.4	31.2	30.1	28.9	27.5	26.1	24.5
155°	32.9	31.7	30.4	28.9	27.9	26.8	25.7	24.5	23.2	21.9	20.3
157.5°	30.4	29.1	27.8	26.4	25.1	23.7	22.4	21.0	19.5	18.0	16.3
160°	27.4	26.2	24.9	23.8	22.5	21.3	20.0	18.8	17.5	16.0	14.4
162.5°	24.2	23.1	22.0	21.0	19.9	18.8	17.6	16.5	15.2	13.9	12.5
165°	20.8	19.9	19.1	18.1	17.1	16.2	15.2	14.1	12.9	11.7	10.5
167.5°	17.3	16.6	15.8	15.1	14.3	13.4	12.5	11.5	10.6	9.6	8.8
170°	13.8	13.2	12.6	11.9	11.2	10.5	9.7	9.0	8.2	7.6	7.0
172.5°	10.1	9.6	9.1	8.6	8.0	7.5	6.9	6.5	6.1	5.7	5.3
175°	6.2	5.9	5.5	5.3	5.1	4.8	4.6	4.3	4.1	3.8	3.5
177.5°	3.0	2.9	2.8	2.7	2.5	2.4	2.3	2.2	2.0	1.9	1.8
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: P231897

CATALOG NUMBER: FVS4WM-2-LD4-35-1LO-PA187-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°	1.6	1.5	1.3	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.1
5°	3.2	2.9	2.6	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2
7.5°	4.8	4.4	4.0	3.5	3.5	3.5	3.5	3.4	3.4	3.4	3.3
10°	6.4	5.9	5.3	4.7	4.7	4.6	4.6	4.6	4.6	4.5	4.5
12.5°	8.1	7.3	6.6	5.8	5.8	5.8	5.8	5.7	5.7	5.6	5.6
15°	9.7	8.8	7.9	7.0	7.0	7.0	6.9	6.9	6.8	6.8	6.7
17.5°	11.3	10.2	9.2	8.2	8.2	8.1	8.1	8.1	8.0	7.9	7.8
20°	12.9	11.7	10.5	9.3	9.3	9.3	9.3	9.2	9.1	9.0	8.9
22.5°	14.6	13.1	11.8	10.5	10.5	10.5	10.4	10.4	10.3	10.2	10.1
25°	18.5	16.9	15.6	14.3	14.3	14.3	14.2	14.0	13.8	13.3	12.8
27.5°	22.6	20.8	19.4	18.0	18.2	18.2	18.2	18.2	17.8	17.2	16.5
30°	26.6	24.6	23.2	21.8	22.0	22.2	22.3	22.3	21.7	21.0	19.9
32.5°	30.7	28.5	27.0	25.6	25.9	26.2	26.4	26.4	25.6	24.5	23.1
35°	34.6	32.3	30.7	29.3	29.8	30.3	30.6	30.3	29.4	27.8	26.0
37.5°	38.6	36.2	34.5	33.1	33.7	34.3	34.8	34.2	33.2	30.9	28.6
40°	42.5	40.0	38.2	36.9	37.7	38.4	39.1	38.1	36.4	33.8	30.8
42.5°	46.4	43.8	41.9	40.6	41.6	42.5	43.3	41.9	39.6	36.7	32.8
45°	50.3	47.6	45.6	44.4	45.6	46.7	47.3	45.7	42.7	38.9	34.6
47.5°	57.5	53.8	50.3	47.9	48.1	48.6	48.5	46.7	43.4	39.5	35.4
50°	65.4	60.2	55.2	51.4	50.6	50.2	49.3	46.9	43.2	39.2	35.4
52.5°	73.5	66.8	60.1	54.9	53.0	51.8	50.0	47.0	43.1	39.1	35.6
55°	81.9	73.6	65.1	58.4	55.3	53.3	50.6	47.0	43.0	39.1	36.0
57.5°	90.5	80.5	70.2	61.9	57.6	54.6	51.2	47.1	43.0	39.4	36.6
60°	99.3	87.6	75.3	65.4	59.8	55.9	51.7	47.2	43.2	39.9	37.6
62.5°	108.3	94.8	80.5	68.9	62.0	57.2	52.1	47.3	43.4	40.6	38.9
65°	117.3	102.0	85.7	72.4	64.1	58.3	52.6	47.5	43.7	41.4	40.4
67.5°	126.5	109.4	91.0	75.9	66.2	59.4	53.0	47.7	44.2	42.3	42.0
70°	127.3	109.3	90.6	75.5	65.6	58.9	52.5	47.2	43.9	42.3	42.5
72.5°	127.4	108.8	90.0	75.1	65.1	58.3	51.9	46.7	43.4	41.9	42.2
75°	127.5	108.3	90.0	74.7	64.6	57.7	51.5	46.3	43.0	41.6	41.8
77.5°	127.4	107.7	89.2	74.3	64.1	57.2	51.1	45.9	42.6	41.2	41.4
80°	127.3	107.5	88.4	74.0	63.6	56.7	50.7	45.5	42.2	40.9	41.0
82.5°	127.5	106.5	87.6	73.6	63.2	56.2	50.4	45.2	41.8	40.6	40.5
85°	126.9	105.5	86.9	73.2	62.7	55.7	50.1	44.9	41.5	40.3	40.1
87.5°	126.3	104.4	86.1	72.8	62.3	55.3	49.8	44.6	41.2	40.0	39.6
90°	125.6	103.4	85.3	72.4	61.9	54.9	49.6	44.4	40.9	39.7	39.1
92.5°	126.3	104.4	86.1	72.8	62.3	55.3	49.8	44.6	41.2	40.0	39.6
95°	126.9	105.5	86.9	73.2	62.7	55.7	50.1	44.9	41.5	40.3	40.1
97.5°	127.5	106.5	87.6	73.6	63.2	56.2	50.4	45.2	41.8	40.6	40.5
100°	127.3	107.5	88.4	74.0	63.6	56.7	50.7	45.5	42.2	40.9	41.0
102.5°	127.4	107.7	89.2	74.3	64.1	57.2	51.1	45.9	42.6	41.2	41.4
105°	127.5	108.3	90.0	74.7	64.6	57.7	51.5	46.3	43.0	41.6	41.8
107.5°	127.4	108.8	90.0	75.1	65.1	58.3	51.9	46.7	43.4	41.9	42.2
110°	127.3	109.3	90.6	75.5	65.6	58.9	52.5	47.2	43.9	42.3	42.5



TEST NUMBER: P231897

CATALOG NUMBER: FVS4WM-2-LD4-35-1LO-PA187-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
112.5°	126.5	109.4	91.0	75.9	66.2	59.4	53.0	47.7	44.2	42.3	42.0
115°	117.3	102.0	85.7	72.4	64.1	58.3	52.6	47.5	43.7	41.4	40.4
117.5°	108.3	94.8	80.5	68.9	62.0	57.2	52.1	47.3	43.4	40.6	38.9
120°	99.3	87.6	75.3	65.4	59.8	55.9	51.7	47.2	43.2	39.9	37.6
122.5°	90.5	80.5	70.2	61.9	57.6	54.6	51.2	47.1	43.0	39.4	36.6
125°	81.9	73.6	65.1	58.4	55.3	53.3	50.6	47.0	43.0	39.1	36.0
127.5°	73.5	66.8	60.1	54.9	53.0	51.8	50.0	47.0	43.1	39.1	35.6
130°	65.4	60.2	55.2	51.4	50.6	50.2	49.3	46.9	43.2	39.2	35.4
132.5°	57.5	53.8	50.3	47.9	48.1	48.6	48.5	46.7	43.4	39.5	35.4
135°	50.3	47.6	45.6	44.4	45.6	46.7	47.3	45.7	42.7	38.9	34.6
137.5°	46.4	43.8	41.9	40.6	41.6	42.5	43.3	41.9	39.6	36.7	32.8
140°	42.5	40.0	38.2	36.9	37.7	38.4	39.1	38.1	36.4	33.8	30.8
142.5°	38.6	36.2	34.5	33.1	33.7	34.3	34.8	34.2	33.2	30.9	28.6
145°	34.6	32.3	30.7	29.3	29.8	30.3	30.6	30.3	29.4	27.8	26.0
147.5°	30.7	28.5	27.0	25.6	25.9	26.2	26.4	26.4	25.6	24.5	23.1
150°	26.6	24.6	23.2	21.8	22.0	22.2	22.3	22.3	21.7	21.0	19.9
152.5°	22.6	20.8	19.4	18.0	18.2	18.2	18.2	18.2	17.8	17.2	16.5
155°	18.5	16.9	15.6	14.3	14.3	14.3	14.2	14.0	13.8	13.3	12.8
157.5°	14.6	13.1	11.8	10.5	10.5	10.5	10.4	10.4	10.3	10.2	10.1
160°	12.9	11.7	10.5	9.3	9.3	9.3	9.3	9.2	9.1	9.0	8.9
162.5°	11.3	10.2	9.2	8.2	8.2	8.1	8.1	8.1	8.0	7.9	7.8
165°	9.7	8.8	7.9	7.0	7.0	7.0	6.9	6.9	6.8	6.8	6.7
167.5°	8.1	7.3	6.6	5.8	5.8	5.8	5.8	5.7	5.7	5.6	5.6
170°	6.4	5.9	5.3	4.7	4.7	4.6	4.6	4.6	4.6	4.5	4.5
172.5°	4.8	4.4	4.0	3.5	3.5	3.5	3.5	3.4	3.4	3.4	3.3
175°	3.2	2.9	2.6	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2
177.5°	1.6	1.5	1.3	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.1
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: P231897

CATALOG NUMBER: FVS4WM-2-LD4-35-1LO-PA187-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°	1.1	1.1	1.1	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.8
5°	2.2	2.2	2.1	2.1	2.0	2.0	1.9	1.9	1.8	1.7	1.7
7.5°	3.3	3.2	3.2	3.1	3.0	3.0	2.9	2.8	2.7	2.6	2.5
10°	4.4	4.3	4.2	4.1	4.1	3.9	3.8	3.7	3.6	3.5	3.3
12.5°	5.5	5.4	5.3	5.2	5.1	4.9	4.8	4.7	4.5	4.3	4.2
15°	6.6	6.5	6.4	6.2	6.1	5.9	5.8	5.6	5.4	5.2	5.0
17.5°	7.7	7.6	7.4	7.3	7.1	6.9	6.8	6.6	6.3	6.1	5.9
20°	8.8	8.7	8.5	8.3	8.2	8.0	7.7	7.5	7.3	7.0	6.7
22.5°	9.9	9.8	9.6	9.4	9.2	9.0	8.7	8.5	8.2	7.9	7.5
25°	12.3	11.7	11.1	10.5	10.3	10.0	9.8	9.5	9.0	8.5	8.1
27.5°	15.7	14.8	13.9	13.1	12.3	11.6	10.9	10.2	9.6	9.2	8.9
30°	18.8	17.6	16.4	15.3	14.3	13.3	12.3	11.5	10.8	10.2	9.6
32.5°	21.6	19.9	18.4	17.1	15.8	14.6	13.6	12.7	11.9	11.1	10.3
35°	23.9	21.9	20.1	18.5	17.1	15.8	14.7	13.6	12.6	11.8	11.1
37.5°	26.0	23.7	21.5	19.8	18.1	16.7	15.5	14.3	13.3	12.6	11.8
40°	27.8	25.1	22.8	20.8	19.1	17.4	16.1	14.9	14.0	13.2	12.3
42.5°	29.4	26.2	23.9	21.7	19.7	18.1	16.7	15.6	14.6	13.7	12.9
45°	30.7	27.5	24.9	22.5	20.4	18.6	17.3	16.2	15.2	14.2	13.4
47.5°	31.6	28.6	25.8	23.0	20.9	19.3	17.9	16.8	15.7	14.7	14.0
50°	31.9	29.4	26.8	24.3	22.0	19.9	18.5	17.3	16.2	15.3	14.6
52.5°	32.7	30.6	28.3	26.3	24.4	22.4	20.4	18.5	16.8	16.0	15.2
55°	33.8	32.1	30.3	28.6	26.9	24.9	22.8	20.7	19.0	17.4	15.9
57.5°	35.1	33.9	32.6	31.2	29.6	27.3	25.1	22.9	21.0	19.1	17.4
60°	36.7	36.0	35.1	34.0	32.2	29.7	27.3	25.0	22.7	20.5	18.6
62.5°	38.5	38.4	37.9	36.9	34.8	32.1	29.5	26.9	24.1	21.8	19.5
65°	40.6	40.9	40.8	39.9	37.3	34.4	31.5	28.5	25.5	22.8	20.2
67.5°	42.8	43.7	43.8	42.8	39.8	36.7	33.5	29.9	26.7	23.7	21.0
70°	43.9	45.3	46.1	45.3	42.3	39.0	35.3	31.3	27.8	24.5	21.7
72.5°	43.6	45.1	45.9	45.1	42.7	39.9	36.3	32.4	28.8	25.2	22.3
75°	43.3	44.9	45.9	45.1	43.2	40.4	36.8	33.1	29.6	26.0	22.9
77.5°	43.0	44.8	45.9	45.3	43.8	41.1	37.5	34.0	30.4	26.8	23.7
80°	42.6	44.6	45.9	45.7	44.5	41.9	38.4	35.0	31.4	27.7	24.5
82.5°	42.2	44.4	46.0	46.1	45.4	42.8	39.4	36.1	32.6	28.6	25.3
85°	41.8	44.3	46.0	46.7	46.4	43.8	40.6	37.4	33.8	29.6	26.3
87.5°	41.4	44.1	46.1	47.3	47.4	44.9	41.8	38.8	35.3	30.8	27.4
90°	40.9	43.8	46.1	47.9	48.5	46.1	43.2	40.3	36.8	32.1	28.6
92.5°	41.4	44.1	46.1	47.3	47.4	44.9	41.8	38.8	35.3	30.8	27.4
95°	41.8	44.3	46.0	46.7	46.4	43.8	40.6	37.4	33.8	29.6	26.3
97.5°	42.2	44.4	46.0	46.1	45.4	42.8	39.4	36.1	32.6	28.6	25.3
100°	42.6	44.6	45.9	45.7	44.5	41.9	38.4	35.0	31.4	27.7	24.5
102.5°	43.0	44.8	45.9	45.3	43.8	41.1	37.5	34.0	30.4	26.8	23.7
105°	43.3	44.9	45.9	45.1	43.2	40.4	36.8	33.1	29.6	26.0	22.9
107.5°	43.6	45.1	45.9	45.1	42.7	39.9	36.3	32.4	28.8	25.2	22.3
110°	43.9	45.3	46.1	45.3	42.3	39.0	35.3	31.3	27.8	24.5	21.7



TEST NUMBER: P231897

CATALOG NUMBER: FVS4WM-2-LD4-35-1LO-PA187-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	42.8	43.7	43.8	42.8	39.8	36.7	33.5	29.9	26.7	23.7	21.0
115°	40.6	40.9	40.8	39.9	37.3	34.4	31.5	28.5	25.5	22.8	20.2
117.5°	38.5	38.4	37.9	36.9	34.8	32.1	29.5	26.9	24.1	21.8	19.5
120°	36.7	36.0	35.1	34.0	32.2	29.7	27.3	25.0	22.7	20.5	18.6
122.5°	35.1	33.9	32.6	31.2	29.6	27.3	25.1	22.9	21.0	19.1	17.4
125°	33.8	32.1	30.3	28.6	26.9	24.9	22.8	20.7	19.0	17.4	15.9
127.5°	32.7	30.6	28.3	26.3	24.4	22.4	20.4	18.5	16.8	16.0	15.2
130°	31.9	29.4	26.8	24.3	22.0	19.9	18.5	17.3	16.2	15.3	14.6
132.5°	31.6	28.6	25.8	23.0	20.9	19.3	17.9	16.8	15.7	14.7	14.0
135°	30.7	27.5	24.9	22.5	20.4	18.6	17.3	16.2	15.2	14.2	13.4
137.5°	29.4	26.2	23.9	21.7	19.7	18.1	16.7	15.6	14.6	13.7	12.9
140°	27.8	25.1	22.8	20.8	19.1	17.4	16.1	14.9	14.0	13.2	12.3
142.5°	26.0	23.7	21.5	19.8	18.1	16.7	15.5	14.3	13.3	12.6	11.8
145°	23.9	21.9	20.1	18.5	17.1	15.8	14.7	13.6	12.6	11.8	11.1
147.5°	21.6	19.9	18.4	17.1	15.8	14.6	13.6	12.7	11.9	11.1	10.3
150°	18.8	17.6	16.4	15.3	14.3	13.3	12.3	11.5	10.8	10.2	9.6
152.5°	15.7	14.8	13.9	13.1	12.3	11.6	10.9	10.2	9.6	9.2	8.9
155°	12.3	11.7	11.1	10.5	10.3	10.0	9.8	9.5	9.0	8.5	8.1
157.5°	9.9	9.8	9.6	9.4	9.2	9.0	8.7	8.5	8.2	7.9	7.5
160°	8.8	8.7	8.5	8.3	8.2	8.0	7.7	7.5	7.3	7.0	6.7
162.5°	7.7	7.6	7.4	7.3	7.1	6.9	6.8	6.6	6.3	6.1	5.9
165°	6.6	6.5	6.4	6.2	6.1	5.9	5.8	5.6	5.4	5.2	5.0
167.5°	5.5	5.4	5.3	5.2	5.1	4.9	4.8	4.7	4.5	4.3	4.2
170°	4.4	4.3	4.2	4.1	4.1	3.9	3.8	3.7	3.6	3.5	3.3
172.5°	3.3	3.2	3.2	3.1	3.0	3.0	2.9	2.8	2.7	2.6	2.5
175°	2.2	2.2	2.1	2.1	2.0	2.0	1.9	1.9	1.8	1.7	1.7
177.5°	1.1	1.1	1.1	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.8
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231897

CATALOG NUMBER: FVS4WM-2-LD4-35-1LO-PA187-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°	0.8	0.8	0.7	0.7	0.6	0.6	0.5	0.5	0.4	0.4	0.4
5°	1.6	1.5	1.4	1.3	1.3	1.2	1.1	1.0	0.9	0.8	0.7
7.5°	2.4	2.3	2.1	2.0	1.9	1.8	1.6	1.5	1.3	1.2	1.1
10°	3.2	3.0	2.9	2.7	2.5	2.4	2.2	2.0	1.8	1.6	1.4
12.5°	4.0	3.8	3.6	3.4	3.2	3.0	2.7	2.5	2.3	2.0	1.8
15°	4.8	4.6	4.3	4.1	3.8	3.6	3.3	3.0	2.7	2.4	2.1
17.5°	5.6	5.3	5.1	4.8	4.5	4.2	3.8	3.5	3.1	2.8	2.4
20°	6.4	6.1	5.7	5.3	5.0	4.6	4.2	3.8	3.5	3.1	2.7
22.5°	7.1	6.6	6.2	5.9	5.5	5.1	4.8	4.3	3.9	3.5	3.0
25°	7.7	7.3	7.0	6.5	6.1	5.6	5.1	4.6	4.2	3.7	3.3
27.5°	8.5	8.0	7.5	6.9	6.5	6.0	5.6	5.1	4.6	4.1	3.6
30°	9.0	8.4	8.0	7.6	7.1	6.6	6.0	5.4	4.9	4.4	3.9
32.5°	9.7	9.2	8.7	8.1	7.5	6.9	6.4	5.9	5.4	4.8	4.1
35°	10.6	9.8	9.1	8.6	8.1	7.5	6.9	6.2	5.5	4.9	4.2
37.5°	11.0	10.3	9.8	9.3	8.5	7.8	7.1	6.4	5.7	5.0	4.4
40°	11.6	11.0	10.3	9.5	8.8	8.0	7.2	6.6	6.0	5.4	4.7
42.5°	12.2	11.4	10.6	9.8	9.0	8.4	7.7	7.1	6.3	5.5	4.8
45°	12.6	11.9	11.0	10.2	9.6	8.9	8.0	7.2	6.5	5.9	5.2
47.5°	13.2	12.3	11.6	10.9	10.0	9.0	8.3	7.7	6.9	6.1	5.2
50°	13.7	12.9	12.2	11.1	10.1	9.4	8.7	7.9	7.0	6.3	5.6
52.5°	14.3	13.5	12.4	11.4	10.6	9.8	8.9	8.1	7.4	6.8	6.1
55°	14.9	13.8	12.7	11.8	11.0	10.1	9.2	8.4	7.9	7.1	6.2
57.5°	15.7	14.1	13.1	12.3	11.3	10.3	9.6	9.0	8.0	7.0	6.2
60°	16.5	15.0	13.8	12.7	11.4	10.7	10.1	9.0	8.0	7.1	6.1
62.5°	17.4	15.8	14.4	12.9	11.9	11.3	10.1	9.0	8.1	7.0	6.0
65°	18.1	16.4	14.8	13.3	12.5	11.2	10.2	9.2	8.0	6.9	5.8
67.5°	18.7	16.9	15.0	13.7	12.4	11.1	10.1	9.1	7.9	6.6	5.5
70°	19.3	17.2	15.3	13.8	12.2	10.9	9.8	8.7	7.6	6.4	5.2
72.5°	19.8	17.5	15.5	13.8	12.1	10.6	9.4	8.1	7.0	6.0	4.9
75°	20.3	17.9	15.6	13.7	11.7	10.4	9.0	7.7	6.6	5.6	4.5
77.5°	20.9	18.2	15.8	13.6	11.5	10.2	8.6	7.5	6.3	5.2	4.2
80°	21.4	18.6	16.0	13.5	11.4	9.9	8.4	7.3	6.1	4.9	3.9
82.5°	22.0	19.0	16.3	13.5	11.3	9.4	7.9	6.8	5.7	4.7	3.6
85°	22.7	19.5	16.6	13.5	11.2	9.1	7.5	6.3	5.3	4.3	3.3
87.5°	23.5	20.2	17.0	13.7	11.1	8.9	7.2	6.0	4.9	4.1	3.3
90°	24.5	21.0	17.5	14.0	11.1	8.8	7.0	5.8	4.7	4.1	3.5
92.5°	23.5	20.2	17.0	13.7	11.1	8.9	7.2	6.0	4.9	4.1	3.3
95°	22.7	19.5	16.6	13.5	11.2	9.1	7.5	6.3	5.3	4.3	3.3
97.5°	22.0	19.0	16.3	13.5	11.3	9.4	7.9	6.8	5.7	4.7	3.6
100°	21.4	18.6	16.0	13.5	11.4	9.9	8.4	7.3	6.1	4.9	3.9
102.5°	20.9	18.2	15.8	13.6	11.5	10.2	8.6	7.5	6.3	5.2	4.2
105°	20.3	17.9	15.6	13.7	11.7	10.4	9.0	7.7	6.6	5.6	4.5
107.5°	19.8	17.5	15.5	13.8	12.1	10.6	9.4	8.1	7.0	6.0	4.9
110°	19.3	17.2	15.3	13.8	12.2	10.9	9.8	8.7	7.6	6.4	5.2



TEST NUMBER: P231897

CATALOG NUMBER: FVS4WM-2-LD4-35-1LO-PA187-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
112.5°	18.7	16.9	15.0	13.7	12.4	11.1	10.1	9.1	7.9	6.6	5.5
115°	18.1	16.4	14.8	13.3	12.5	11.2	10.2	9.2	8.0	6.9	5.8
117.5°	17.4	15.8	14.4	12.9	11.9	11.3	10.1	9.0	8.1	7.0	6.0
120°	16.5	15.0	13.8	12.7	11.4	10.7	10.1	9.0	8.0	7.1	6.1
122.5°	15.7	14.1	13.1	12.3	11.3	10.3	9.6	9.0	8.0	7.0	6.2
125°	14.9	13.8	12.7	11.8	11.0	10.1	9.2	8.4	7.9	7.1	6.2
127.5°	14.3	13.5	12.4	11.4	10.6	9.8	8.9	8.1	7.4	6.8	6.1
130°	13.7	12.9	12.2	11.1	10.1	9.4	8.7	7.9	7.0	6.3	5.6
132.5°	13.2	12.3	11.6	10.9	10.0	9.0	8.3	7.7	6.9	6.1	5.2
135°	12.6	11.9	11.0	10.2	9.6	8.9	8.0	7.2	6.5	5.9	5.2
137.5°	12.2	11.4	10.6	9.8	9.0	8.4	7.7	7.1	6.3	5.5	4.8
140°	11.6	11.0	10.3	9.5	8.8	8.0	7.2	6.6	6.0	5.4	4.7
142.5°	11.0	10.3	9.8	9.3	8.5	7.8	7.1	6.4	5.7	5.0	4.4
145°	10.6	9.8	9.1	8.6	8.1	7.5	6.9	6.2	5.5	4.9	4.2
147.5°	9.7	9.2	8.7	8.1	7.5	6.9	6.4	5.9	5.4	4.8	4.1
150°	9.0	8.4	8.0	7.6	7.1	6.6	6.0	5.4	4.9	4.4	3.9
152.5°	8.5	8.0	7.5	6.9	6.5	6.0	5.6	5.1	4.6	4.1	3.6
155°	7.7	7.3	7.0	6.5	6.1	5.6	5.1	4.6	4.2	3.7	3.3
157.5°	7.1	6.6	6.2	5.9	5.5	5.1	4.8	4.3	3.9	3.5	3.0
160°	6.4	6.1	5.7	5.3	5.0	4.6	4.2	3.8	3.5	3.1	2.7
162.5°	5.6	5.3	5.1	4.8	4.5	4.2	3.8	3.5	3.1	2.8	2.4
165°	4.8	4.6	4.3	4.1	3.8	3.6	3.3	3.0	2.7	2.4	2.1
167.5°	4.0	3.8	3.6	3.4	3.2	3.0	2.7	2.5	2.3	2.0	1.8
170°	3.2	3.0	2.9	2.7	2.5	2.4	2.2	2.0	1.8	1.6	1.4
172.5°	2.4	2.3	2.1	2.0	1.9	1.8	1.6	1.5	1.3	1.2	1.1
175°	1.6	1.5	1.4	1.3	1.3	1.2	1.1	1.0	0.9	0.8	0.7
177.5°	0.8	0.8	0.7	0.7	0.6	0.6	0.5	0.5	0.4	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: P231897

CATALOG NUMBER: FVS4WM-2-LD4-35-1LO-PA187-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	0.8	0.6	0.5	0.3	0.2	0.0	0.2	0.3	0.5	0.6
10°	1.2	1.0	0.8	0.6	0.4	0.2	0.0	0.2	0.4	0.6	0.8
12.5°	1.5	1.3	1.0	0.8	0.5	0.3	0.0	0.3	0.5	0.8	1.0
15°	1.9	1.5	1.2	0.9	0.6	0.3	0.0	0.3	0.6	0.9	1.2
17.5°	2.1	1.7	1.4	1.0	0.7	0.3	0.0	0.3	0.7	1.0	1.4
20°	2.4	2.0	1.6	1.2	0.8	0.4	0.0	0.4	0.8	1.2	1.6
22.5°	2.6	2.1	1.7	1.3	0.9	0.4	0.0	0.4	0.9	1.3	1.7
25°	2.8	2.4	1.9	1.4	1.0	0.5	0.0	0.5	1.0	1.4	1.9
27.5°	3.1	2.6	2.0	1.5	1.0	0.5	0.0	0.5	1.0	1.5	2.0
30°	3.3	2.8	2.2	1.7	1.1	0.6	0.0	0.6	1.1	1.7	2.2
32.5°	3.5	2.9	2.3	1.7	1.2	0.6	0.0	0.6	1.2	1.7	2.3
35°	3.6	3.0	2.4	1.8	1.2	0.6	0.0	0.6	1.2	1.8	2.4
37.5°	3.8	3.2	2.6	1.9	1.3	0.6	0.0	0.6	1.3	1.9	2.6
40°	4.0	3.3	2.6	2.0	1.3	0.7	0.0	0.7	1.3	2.0	2.6
42.5°	4.2	3.5	2.8	2.1	1.4	0.7	0.0	0.7	1.4	2.1	2.8
45°	4.4	3.6	2.9	2.2	1.4	0.7	0.0	0.7	1.4	2.2	2.9
47.5°	4.5	3.8	3.1	2.3	1.5	0.8	0.0	0.8	1.5	2.3	3.1
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°	5.2	4.2	3.3	2.4	1.6	0.8	0.0	0.8	1.6	2.4	3.3
62.5°	5.0	4.1	3.2	2.3	1.5	0.8	0.0	0.8	1.5	2.3	3.2
65°	4.8	3.9	3.0	2.2	1.4	0.7	0.0	0.7	1.4	2.2	3.0
67.5°	4.5	3.6	2.8	2.0	1.3	0.6	0.0	0.6	1.3	2.0	2.8
70°	4.2	3.3	2.5	1.8	1.1	0.6	0.0	0.6	1.1	1.8	2.5
72.5°	3.8	3.0	2.3	1.6	0.9	0.4	0.0	0.4	0.9	1.6	2.3
75°	3.7	2.8	1.9	1.3	1.0	0.5	0.0	0.5	1.0	1.3	1.9
77.5°	3.3	2.3	1.7	1.2	0.4	0.1	0.0	0.1	0.4	1.2	1.7
80°	2.8	2.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1
82.5°	2.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	2.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	2.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	2.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	2.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	2.8	2.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1
102.5°	3.3	2.3	1.7	1.2	0.4	0.1	0.0	0.1	0.4	1.2	1.7
105°	3.7	2.8	1.9	1.3	1.0	0.5	0.0	0.5	1.0	1.3	1.9
107.5°	3.8	3.0	2.3	1.6	0.9	0.4	0.0	0.4	0.9	1.6	2.3
110°	4.2	3.3	2.5	1.8	1.1	0.6	0.0	0.6	1.1	1.8	2.5



TEST NUMBER: P231897

CATALOG NUMBER: FVS4WM-2-LD4-35-1LO-PA187-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	4.5	3.6	2.8	2.0	1.3	0.6	0.0	0.6	1.3	2.0	2.8
115°	4.8	3.9	3.0	2.2	1.4	0.7	0.0	0.7	1.4	2.2	3.0
117.5°	5.0	4.1	3.2	2.3	1.5	0.8	0.0	0.8	1.5	2.3	3.2
120°	5.2	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°	4.5	3.8	3.1	2.3	1.5	0.8	0.0	0.8	1.5	2.3	3.1
135°	4.4	3.6	2.9	2.2	1.4	0.7	0.0	0.7	1.4	2.2	2.9
137.5°	4.2	3.5	2.8	2.1	1.4	0.7	0.0	0.7	1.4	2.1	2.8
140°	4.0	3.3	2.6	2.0	1.3	0.7	0.0	0.7	1.3	2.0	2.6
142.5°	3.8	3.2	2.6	1.9	1.3	0.6	0.0	0.6	1.3	1.9	2.6
145°	3.6	3.0	2.4	1.8	1.2	0.6	0.0	0.6	1.2	1.8	2.4
147.5°	3.5	2.9	2.3	1.7	1.2	0.6	0.0	0.6	1.2	1.7	2.3
150°	3.3	2.8	2.2	1.7	1.1	0.6	0.0	0.6	1.1	1.7	2.2
152.5°	3.1	2.6	2.0	1.5	1.0	0.5	0.0	0.5	1.0	1.5	2.0
155°	2.8	2.4	1.9	1.4	1.0	0.5	0.0	0.5	1.0	1.4	1.9
157.5°	2.6	2.1	1.7	1.3	0.9	0.4	0.0	0.4	0.9	1.3	1.7
160°	2.4	2.0	1.6	1.2	0.8	0.4	0.0	0.4	0.8	1.2	1.6
162.5°	2.1	1.7	1.4	1.0	0.7	0.3	0.0	0.3	0.7	1.0	1.4
165°	1.9	1.5	1.2	0.9	0.6	0.3	0.0	0.3	0.6	0.9	1.2
167.5°	1.5	1.3	1.0	0.8	0.5	0.3	0.0	0.3	0.5	0.8	1.0
170°	1.2	1.0	0.8	0.6	0.4	0.2	0.0	0.2	0.4	0.6	0.8
172.5°	0.9	0.8	0.6	0.5	0.3	0.2	0.0	0.2	0.3	0.5	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: P231897

CATALOG NUMBER: FVS4WM-2-LD4-35-1LO-PA187-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	0.4	0.5	0.5	0.6	0.6	0.7	0.7
5°	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.3	1.4
7.5°	0.8	0.9	1.1	1.2	1.3	1.5	1.6	1.8	1.9	2.0	2.1
10°	1.0	1.2	1.4	1.6	1.8	2.0	2.2	2.4	2.5	2.7	2.9
12.5°	1.3	1.5	1.8	2.0	2.3	2.5	2.7	3.0	3.2	3.4	3.6
15°	1.5	1.9	2.1	2.4	2.7	3.0	3.3	3.6	3.8	4.1	4.3
17.5°	1.7	2.1	2.4	2.8	3.1	3.5	3.8	4.2	4.5	4.8	5.1
20°	2.0	2.4	2.7	3.1	3.5	3.8	4.2	4.6	5.0	5.3	5.7
22.5°	2.1	2.6	3.0	3.5	3.9	4.3	4.8	5.1	5.5	5.9	6.2
25°	2.4	2.8	3.3	3.7	4.2	4.6	5.1	5.6	6.1	6.5	7.0
27.5°	2.6	3.1	3.6	4.1	4.6	5.1	5.6	6.0	6.5	6.9	7.5
30°	2.8	3.3	3.9	4.4	4.9	5.4	6.0	6.6	7.1	7.6	8.0
32.5°	2.9	3.5	4.1	4.8	5.4	5.9	6.4	6.9	7.5	8.1	8.7
35°	3.0	3.6	4.2	4.9	5.5	6.2	6.9	7.5	8.1	8.6	9.1
37.5°	3.2	3.8	4.4	5.0	5.7	6.4	7.1	7.8	8.5	9.3	9.8
40°	3.3	4.0	4.7	5.4	6.0	6.6	7.2	8.0	8.8	9.5	10.3
42.5°	3.5	4.2	4.8	5.5	6.3	7.1	7.7	8.4	9.0	9.8	10.6
45°	3.6	4.4	5.2	5.9	6.5	7.2	8.0	8.9	9.6	10.2	11.0
47.5°	3.8	4.5	5.2	6.1	6.9	7.7	8.3	9.0	10.0	10.9	11.6
50°	4.1	4.9	5.6	6.3	7.0	7.9	8.7	9.4	10.1	11.1	12.2
52.5°	4.4	5.3	6.1	6.8	7.4	8.1	8.9	9.8	10.6	11.4	12.4
55°	4.3	5.3	6.2	7.1	7.9	8.4	9.2	10.1	11.0	11.8	12.7
57.5°	4.3	5.3	6.2	7.0	8.0	9.0	9.6	10.3	11.3	12.3	13.1
60°	4.2	5.2	6.1	7.1	8.0	9.0	10.1	10.7	11.4	12.7	13.8
62.5°	4.1	5.0	6.0	7.0	8.1	9.0	10.1	11.3	11.9	12.9	14.4
65°	3.9	4.8	5.8	6.9	8.0	9.2	10.2	11.2	12.5	13.3	14.8
67.5°	3.6	4.5	5.5	6.6	7.9	9.1	10.1	11.1	12.4	13.7	15.0
70°	3.3	4.2	5.2	6.4	7.6	8.7	9.8	10.9	12.2	13.8	15.3
72.5°	3.0	3.8	4.9	6.0	7.0	8.1	9.4	10.6	12.1	13.8	15.5
75°	2.8	3.7	4.5	5.6	6.6	7.7	9.0	10.4	11.7	13.7	15.6
77.5°	2.3	3.3	4.2	5.2	6.3	7.5	8.6	10.2	11.5	13.6	15.8
80°	2.1	2.8	3.9	4.9	6.1	7.3	8.4	9.9	11.4	13.5	16.0
82.5°	1.5	2.5	3.6	4.7	5.7	6.8	7.9	9.4	11.3	13.5	16.3
85°	0.7	2.2	3.3	4.3	5.3	6.3	7.5	9.1	11.2	13.5	16.6
87.5°	0.2	2.2	3.3	4.1	4.9	6.0	7.2	8.9	11.1	13.7	17.0
90°	0.0	2.3	3.5	4.1	4.7	5.8	7.0	8.8	11.1	14.0	17.5
92.5°	0.2	2.2	3.3	4.1	4.9	6.0	7.2	8.9	11.1	13.7	17.0
95°	0.7	2.2	3.3	4.3	5.3	6.3	7.5	9.1	11.2	13.5	16.6
97.5°	1.5	2.5	3.6	4.7	5.7	6.8	7.9	9.4	11.3	13.5	16.3
100°	2.1	2.8	3.9	4.9	6.1	7.3	8.4	9.9	11.4	13.5	16.0
102.5°	2.3	3.3	4.2	5.2	6.3	7.5	8.6	10.2	11.5	13.6	15.8
105°	2.8	3.7	4.5	5.6	6.6	7.7	9.0	10.4	11.7	13.7	15.6
107.5°	3.0	3.8	4.9	6.0	7.0	8.1	9.4	10.6	12.1	13.8	15.5
110°	3.3	4.2	5.2	6.4	7.6	8.7	9.8	10.9	12.2	13.8	15.3



TEST NUMBER: P231897

CATALOG NUMBER: FVS4WM-2-LD4-35-1LO-PA187-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
112.5°	3.6	4.5	5.5	6.6	7.9	9.1	10.1	11.1	12.4	13.7	15.0
115°	3.9	4.8	5.8	6.9	8.0	9.2	10.2	11.2	12.5	13.3	14.8
117.5°	4.1	5.0	6.0	7.0	8.1	9.0	10.1	11.3	11.9	12.9	14.4
120°	4.2	5.2	6.1	7.1	8.0	9.0	10.1	10.7	11.4	12.7	13.8
122.5°	4.3	5.3	6.2	7.0	8.0	9.0	9.6	10.3	11.3	12.3	13.1
125°	4.3	5.3	6.2	7.1	7.9	8.4	9.2	10.1	11.0	11.8	12.7
127.5°	4.4	5.3	6.1	6.8	7.4	8.1	8.9	9.8	10.6	11.4	12.4
130°	4.1	4.9	5.6	6.3	7.0	7.9	8.7	9.4	10.1	11.1	12.2
132.5°	3.8	4.5	5.2	6.1	6.9	7.7	8.3	9.0	10.0	10.9	11.6
135°	3.6	4.4	5.2	5.9	6.5	7.2	8.0	8.9	9.6	10.2	11.0
137.5°	3.5	4.2	4.8	5.5	6.3	7.1	7.7	8.4	9.0	9.8	10.6
140°	3.3	4.0	4.7	5.4	6.0	6.6	7.2	8.0	8.8	9.5	10.3
142.5°	3.2	3.8	4.4	5.0	5.7	6.4	7.1	7.8	8.5	9.3	9.8
145°	3.0	3.6	4.2	4.9	5.5	6.2	6.9	7.5	8.1	8.6	9.1
147.5°	2.9	3.5	4.1	4.8	5.4	5.9	6.4	6.9	7.5	8.1	8.7
150°	2.8	3.3	3.9	4.4	4.9	5.4	6.0	6.6	7.1	7.6	8.0
152.5°	2.6	3.1	3.6	4.1	4.6	5.1	5.6	6.0	6.5	6.9	7.5
155°	2.4	2.8	3.3	3.7	4.2	4.6	5.1	5.6	6.1	6.5	7.0
157.5°	2.1	2.6	3.0	3.5	3.9	4.3	4.8	5.1	5.5	5.9	6.2
160°	2.0	2.4	2.7	3.1	3.5	3.8	4.2	4.6	5.0	5.3	5.7
162.5°	1.7	2.1	2.4	2.8	3.1	3.5	3.8	4.2	4.5	4.8	5.1
165°	1.5	1.9	2.1	2.4	2.7	3.0	3.3	3.6	3.8	4.1	4.3
167.5°	1.3	1.5	1.8	2.0	2.3	2.5	2.7	3.0	3.2	3.4	3.6
170°	1.0	1.2	1.4	1.6	1.8	2.0	2.2	2.4	2.5	2.7	2.9
172.5°	0.8	0.9	1.1	1.2	1.3	1.5	1.6	1.8	1.9	2.0	2.1
175°	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.3	1.4
177.5°	0.3	0.3	0.4	0.4	0.4	0.5	0.5	0.6	0.6	0.7	0.7
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: P231897

CATALOG NUMBER: FVS4WM-2-LD4-35-1LO-PA187-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	0.8	0.8	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.1
5°	1.5	1.6	1.7	1.7	1.8	1.9	1.9	2.0	2.0	2.1	2.1
7.5°	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.0	3.1	3.2
10°	3.0	3.2	3.3	3.5	3.6	3.7	3.8	3.9	4.1	4.1	4.2
12.5°	3.8	4.0	4.2	4.3	4.5	4.7	4.8	4.9	5.1	5.2	5.3
15°	4.6	4.8	5.0	5.2	5.4	5.6	5.8	5.9	6.1	6.2	6.4
17.5°	5.3	5.6	5.9	6.1	6.3	6.6	6.8	6.9	7.1	7.3	7.4
20°	6.1	6.4	6.7	7.0	7.3	7.5	7.7	8.0	8.2	8.3	8.5
22.5°	6.6	7.1	7.5	7.9	8.2	8.5	8.7	9.0	9.2	9.4	9.6
25°	7.3	7.7	8.1	8.5	9.0	9.5	9.8	10.0	10.3	10.5	11.1
27.5°	8.0	8.5	8.9	9.2	9.6	10.2	10.9	11.6	12.3	13.1	13.9
30°	8.4	9.0	9.6	10.2	10.8	11.5	12.3	13.3	14.3	15.3	16.4
32.5°	9.2	9.7	10.3	11.1	11.9	12.7	13.6	14.6	15.8	17.1	18.4
35°	9.8	10.6	11.1	11.8	12.6	13.6	14.7	15.8	17.1	18.5	20.1
37.5°	10.3	11.0	11.8	12.6	13.3	14.3	15.5	16.7	18.1	19.8	21.5
40°	11.0	11.6	12.3	13.2	14.0	14.9	16.1	17.4	19.1	20.8	22.8
42.5°	11.4	12.2	12.9	13.7	14.6	15.6	16.7	18.1	19.7	21.7	23.9
45°	11.9	12.6	13.4	14.2	15.2	16.2	17.3	18.6	20.4	22.5	24.9
47.5°	12.3	13.2	14.0	14.7	15.7	16.8	17.9	19.3	20.9	23.0	25.8
50°	12.9	13.7	14.6	15.3	16.2	17.3	18.5	19.9	22.0	24.3	26.8
52.5°	13.5	14.3	15.2	16.0	16.8	18.5	20.4	22.4	24.4	26.3	28.3
55°	13.8	14.9	15.9	17.4	19.0	20.7	22.8	24.9	26.9	28.6	30.3
57.5°	14.1	15.7	17.4	19.1	21.0	22.9	25.1	27.3	29.6	31.2	32.6
60°	15.0	16.5	18.6	20.5	22.7	25.0	27.3	29.7	32.2	34.0	35.1
62.5°	15.8	17.4	19.5	21.8	24.1	26.9	29.5	32.1	34.8	36.9	37.9
65°	16.4	18.1	20.2	22.8	25.5	28.5	31.5	34.4	37.3	39.9	40.8
67.5°	16.9	18.7	21.0	23.7	26.7	29.9	33.5	36.7	39.8	42.8	43.8
70°	17.2	19.3	21.7	24.5	27.8	31.3	35.3	39.0	42.3	45.3	46.1
72.5°	17.5	19.8	22.3	25.2	28.8	32.4	36.3	39.9	42.7	45.1	45.9
75°	17.9	20.3	22.9	26.0	29.6	33.1	36.8	40.4	43.2	45.1	45.9
77.5°	18.2	20.9	23.7	26.8	30.4	34.0	37.5	41.1	43.8	45.3	45.9
80°	18.6	21.4	24.5	27.7	31.4	35.0	38.4	41.9	44.5	45.7	45.9
82.5°	19.0	22.0	25.3	28.6	32.6	36.1	39.4	42.8	45.4	46.1	46.0
85°	19.5	22.7	26.3	29.6	33.8	37.4	40.6	43.8	46.4	46.7	46.0
87.5°	20.2	23.5	27.4	30.8	35.3	38.8	41.8	44.9	47.4	47.3	46.1
90°	21.0	24.5	28.6	32.1	36.8	40.3	43.2	46.1	48.5	47.9	46.1
92.5°	20.2	23.5	27.4	30.8	35.3	38.8	41.8	44.9	47.4	47.3	46.1
95°	19.5	22.7	26.3	29.6	33.8	37.4	40.6	43.8	46.4	46.7	46.0
97.5°	19.0	22.0	25.3	28.6	32.6	36.1	39.4	42.8	45.4	46.1	46.0
100°	18.6	21.4	24.5	27.7	31.4	35.0	38.4	41.9	44.5	45.7	45.9
102.5°	18.2	20.9	23.7	26.8	30.4	34.0	37.5	41.1	43.8	45.3	45.9
105°	17.9	20.3	22.9	26.0	29.6	33.1	36.8	40.4	43.2	45.1	45.9
107.5°	17.5	19.8	22.3	25.2	28.8	32.4	36.3	39.9	42.7	45.1	45.9
110°	17.2	19.3	21.7	24.5	27.8	31.3	35.3	39.0	42.3	45.3	46.1



TEST NUMBER: P231897

CATALOG NUMBER: FVS4WM-2-LD4-35-1LO-PA187-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	16.9	18.7	21.0	23.7	26.7	29.9	33.5	36.7	39.8	42.8	43.8
115°	16.4	18.1	20.2	22.8	25.5	28.5	31.5	34.4	37.3	39.9	40.8
117.5°	15.8	17.4	19.5	21.8	24.1	26.9	29.5	32.1	34.8	36.9	37.9
120°	15.0	16.5	18.6	20.5	22.7	25.0	27.3	29.7	32.2	34.0	35.1
122.5°	14.1	15.7	17.4	19.1	21.0	22.9	25.1	27.3	29.6	31.2	32.6
125°	13.8	14.9	15.9	17.4	19.0	20.7	22.8	24.9	26.9	28.6	30.3
127.5°	13.5	14.3	15.2	16.0	16.8	18.5	20.4	22.4	24.4	26.3	28.3
130°	12.9	13.7	14.6	15.3	16.2	17.3	18.5	19.9	22.0	24.3	26.8
132.5°	12.3	13.2	14.0	14.7	15.7	16.8	17.9	19.3	20.9	23.0	25.8
135°	11.9	12.6	13.4	14.2	15.2	16.2	17.3	18.6	20.4	22.5	24.9
137.5°	11.4	12.2	12.9	13.7	14.6	15.6	16.7	18.1	19.7	21.7	23.9
140°	11.0	11.6	12.3	13.2	14.0	14.9	16.1	17.4	19.1	20.8	22.8
142.5°	10.3	11.0	11.8	12.6	13.3	14.3	15.5	16.7	18.1	19.8	21.5
145°	9.8	10.6	11.1	11.8	12.6	13.6	14.7	15.8	17.1	18.5	20.1
147.5°	9.2	9.7	10.3	11.1	11.9	12.7	13.6	14.6	15.8	17.1	18.4
150°	8.4	9.0	9.6	10.2	10.8	11.5	12.3	13.3	14.3	15.3	16.4
152.5°	8.0	8.5	8.9	9.2	9.6	10.2	10.9	11.6	12.3	13.1	13.9
155°	7.3	7.7	8.1	8.5	9.0	9.5	9.8	10.0	10.3	10.5	11.1
157.5°	6.6	7.1	7.5	7.9	8.2	8.5	8.7	9.0	9.2	9.4	9.6
160°	6.1	6.4	6.7	7.0	7.3	7.5	7.7	8.0	8.2	8.3	8.5
162.5°	5.3	5.6	5.9	6.1	6.3	6.6	6.8	6.9	7.1	7.3	7.4
165°	4.6	4.8	5.0	5.2	5.4	5.6	5.8	5.9	6.1	6.2	6.4
167.5°	3.8	4.0	4.2	4.3	4.5	4.7	4.8	4.9	5.1	5.2	5.3
170°	3.0	3.2	3.3	3.5	3.6	3.7	3.8	3.9	4.1	4.1	4.2
172.5°	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.0	3.1	3.2
175°	1.5	1.6	1.7	1.7	1.8	1.9	1.9	2.0	2.0	2.1	2.1
177.5°	0.8	0.8	0.8	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.1
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: P231897

CATALOG NUMBER: FVS4WM-2-LD4-35-1LO-PA187-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°	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.3
5°	2.2	2.2	2.2	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.6
7.5°	3.2	3.3	3.3	3.4	3.4	3.4	3.5	3.5	3.5	3.5	4.0
10°	4.3	4.4	4.5	4.5	4.6	4.6	4.6	4.6	4.7	4.7	5.3
12.5°	5.4	5.5	5.6	5.6	5.7	5.7	5.8	5.8	5.8	5.8	6.6
15°	6.5	6.6	6.7	6.8	6.8	6.9	6.9	7.0	7.0	7.0	7.9
17.5°	7.6	7.7	7.8	7.9	8.0	8.1	8.1	8.1	8.2	8.2	9.2
20°	8.7	8.8	8.9	9.0	9.1	9.2	9.3	9.3	9.3	9.3	10.5
22.5°	9.8	9.9	10.1	10.2	10.3	10.4	10.4	10.5	10.5	10.5	11.8
25°	11.7	12.3	12.8	13.3	13.8	14.0	14.2	14.3	14.3	14.3	15.6
27.5°	14.8	15.7	16.5	17.2	17.8	18.2	18.2	18.2	18.2	18.0	19.4
30°	17.6	18.8	19.9	21.0	21.7	22.3	22.3	22.2	22.0	21.8	23.2
32.5°	19.9	21.6	23.1	24.5	25.6	26.4	26.4	26.2	25.9	25.6	27.0
35°	21.9	23.9	26.0	27.8	29.4	30.3	30.6	30.3	29.8	29.3	30.7
37.5°	23.7	26.0	28.6	30.9	33.2	34.2	34.8	34.3	33.7	33.1	34.5
40°	25.1	27.8	30.8	33.8	36.4	38.1	39.1	38.4	37.7	36.9	38.2
42.5°	26.2	29.4	32.8	36.7	39.6	41.9	43.3	42.5	41.6	40.6	41.9
45°	27.5	30.7	34.6	38.9	42.7	45.7	47.3	46.7	45.6	44.4	45.6
47.5°	28.6	31.6	35.4	39.5	43.4	46.7	48.5	48.6	48.1	47.9	50.3
50°	29.4	31.9	35.4	39.2	43.2	46.9	49.3	50.2	50.6	51.4	55.2
52.5°	30.6	32.7	35.6	39.1	43.1	47.0	50.0	51.8	53.0	54.9	60.1
55°	32.1	33.8	36.0	39.1	43.0	47.0	50.6	53.3	55.3	58.4	65.1
57.5°	33.9	35.1	36.6	39.4	43.0	47.1	51.2	54.6	57.6	61.9	70.2
60°	36.0	36.7	37.6	39.9	43.2	47.2	51.7	55.9	59.8	65.4	75.3
62.5°	38.4	38.5	38.9	40.6	43.4	47.3	52.1	57.2	62.0	68.9	80.5
65°	40.9	40.6	40.4	41.4	43.7	47.5	52.6	58.3	64.1	72.4	85.7
67.5°	43.7	42.8	42.0	42.3	44.2	47.7	53.0	59.4	66.2	75.9	91.0
70°	45.3	43.9	42.5	42.3	43.9	47.2	52.5	58.9	65.6	75.5	90.6
72.5°	45.1	43.6	42.2	41.9	43.4	46.7	51.9	58.3	65.1	75.1	90.0
75°	44.9	43.3	41.8	41.6	43.0	46.3	51.5	57.7	64.6	74.7	90.0
77.5°	44.8	43.0	41.4	41.2	42.6	45.9	51.1	57.2	64.1	74.3	89.2
80°	44.6	42.6	41.0	40.9	42.2	45.5	50.7	56.7	63.6	74.0	88.4
82.5°	44.4	42.2	40.5	40.6	41.8	45.2	50.4	56.2	63.2	73.6	87.6
85°	44.3	41.8	40.1	40.3	41.5	44.9	50.1	55.7	62.7	73.2	86.9
87.5°	44.1	41.4	39.6	40.0	41.2	44.6	49.8	55.3	62.3	72.8	86.1
90°	43.8	40.9	39.1	39.7	40.9	44.4	49.6	54.9	61.9	72.4	85.3
92.5°	44.1	41.4	39.6	40.0	41.2	44.6	49.8	55.3	62.3	72.8	86.1
95°	44.3	41.8	40.1	40.3	41.5	44.9	50.1	55.7	62.7	73.2	86.9
97.5°	44.4	42.2	40.5	40.6	41.8	45.2	50.4	56.2	63.2	73.6	87.6
100°	44.6	42.6	41.0	40.9	42.2	45.5	50.7	56.7	63.6	74.0	88.4
102.5°	44.8	43.0	41.4	41.2	42.6	45.9	51.1	57.2	64.1	74.3	89.2
105°	44.9	43.3	41.8	41.6	43.0	46.3	51.5	57.7	64.6	74.7	90.0
107.5°	45.1	43.6	42.2	41.9	43.4	46.7	51.9	58.3	65.1	75.1	90.0
110°	45.3	43.9	42.5	42.3	43.9	47.2	52.5	58.9	65.6	75.5	90.6



TEST NUMBER: P231897

CATALOG NUMBER: FVS4WM-2-LD4-35-1LO-PA187-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
112.5°	43.7	42.8	42.0	42.3	44.2	47.7	53.0	59.4	66.2	75.9	91.0
115°	40.9	40.6	40.4	41.4	43.7	47.5	52.6	58.3	64.1	72.4	85.7
117.5°	38.4	38.5	38.9	40.6	43.4	47.3	52.1	57.2	62.0	68.9	80.5
120°	36.0	36.7	37.6	39.9	43.2	47.2	51.7	55.9	59.8	65.4	75.3
122.5°	33.9	35.1	36.6	39.4	43.0	47.1	51.2	54.6	57.6	61.9	70.2
125°	32.1	33.8	36.0	39.1	43.0	47.0	50.6	53.3	55.3	58.4	65.1
127.5°	30.6	32.7	35.6	39.1	43.1	47.0	50.0	51.8	53.0	54.9	60.1
130°	29.4	31.9	35.4	39.2	43.2	46.9	49.3	50.2	50.6	51.4	55.2
132.5°	28.6	31.6	35.4	39.5	43.4	46.7	48.5	48.6	48.1	47.9	50.3
135°	27.5	30.7	34.6	38.9	42.7	45.7	47.3	46.7	45.6	44.4	45.6
137.5°	26.2	29.4	32.8	36.7	39.6	41.9	43.3	42.5	41.6	40.6	41.9
140°	25.1	27.8	30.8	33.8	36.4	38.1	39.1	38.4	37.7	36.9	38.2
142.5°	23.7	26.0	28.6	30.9	33.2	34.2	34.8	34.3	33.7	33.1	34.5
145°	21.9	23.9	26.0	27.8	29.4	30.3	30.6	30.3	29.8	29.3	30.7
147.5°	19.9	21.6	23.1	24.5	25.6	26.4	26.4	26.2	25.9	25.6	27.0
150°	17.6	18.8	19.9	21.0	21.7	22.3	22.3	22.2	22.0	21.8	23.2
152.5°	14.8	15.7	16.5	17.2	17.8	18.2	18.2	18.2	18.2	18.0	19.4
155°	11.7	12.3	12.8	13.3	13.8	14.0	14.2	14.3	14.3	14.3	15.6
157.5°	9.8	9.9	10.1	10.2	10.3	10.4	10.4	10.5	10.5	10.5	11.8
160°	8.7	8.8	8.9	9.0	9.1	9.2	9.3	9.3	9.3	9.3	10.5
162.5°	7.6	7.7	7.8	7.9	8.0	8.1	8.1	8.1	8.2	8.2	9.2
165°	6.5	6.6	6.7	6.8	6.8	6.9	6.9	7.0	7.0	7.0	7.9
167.5°	5.4	5.5	5.6	5.6	5.7	5.7	5.8	5.8	5.8	5.8	6.6
170°	4.3	4.4	4.5	4.5	4.6	4.6	4.6	4.6	4.7	4.7	5.3
172.5°	3.2	3.3	3.3	3.4	3.4	3.4	3.5	3.5	3.5	3.5	4.0
175°	2.2	2.2	2.2	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.6
177.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	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: P231897

CATALOG NUMBER: FVS4WM-2-LD4-35-1LO-PA187-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°	1.5	1.6	1.8	1.9	2.0	2.2	2.3	2.4	2.5	2.7	2.8
5°	2.9	3.2	3.5	3.8	4.1	4.3	4.6	4.8	5.1	5.3	5.5
7.5°	4.4	4.8	5.3	5.7	6.1	6.5	6.9	7.5	8.0	8.6	9.1
10°	5.9	6.4	7.0	7.6	8.2	9.0	9.7	10.5	11.2	11.9	12.6
12.5°	7.3	8.1	8.8	9.6	10.6	11.5	12.5	13.4	14.3	15.1	15.8
15°	8.8	9.7	10.5	11.7	12.9	14.1	15.2	16.2	17.1	18.1	19.1
17.5°	10.2	11.3	12.5	13.9	15.2	16.5	17.6	18.8	19.9	21.0	22.0
20°	11.7	12.9	14.4	16.0	17.5	18.8	20.0	21.3	22.5	23.8	24.9
22.5°	13.1	14.6	16.3	18.0	19.5	21.0	22.4	23.7	25.1	26.4	27.8
25°	16.9	18.5	20.3	21.9	23.2	24.5	25.7	26.8	27.9	28.9	30.4
27.5°	20.8	22.6	24.5	26.1	27.5	28.9	30.1	31.2	32.4	33.5	34.3
30°	24.6	26.6	28.7	30.3	31.9	33.1	34.3	35.6	36.8	37.7	38.4
32.5°	28.5	30.7	32.7	34.4	35.9	37.2	38.4	39.8	40.8	41.6	42.6
35°	32.3	34.6	36.7	38.5	39.9	41.2	42.5	43.8	44.6	45.5	46.8
37.5°	36.2	38.6	40.7	42.6	43.8	45.0	46.5	47.5	48.2	49.4	50.8
40°	40.0	42.5	44.6	46.4	47.5	48.9	50.3	51.0	51.8	53.0	55.2
42.5°	43.8	46.4	48.6	50.1	51.2	52.7	53.8	54.3	55.3	56.9	59.3
45°	47.6	50.3	52.5	53.7	54.9	56.5	57.1	57.6	58.5	60.8	63.4
47.5°	53.8	57.5	60.5	61.8	62.4	62.6	61.9	61.4	62.1	64.6	67.2
50°	60.2	65.4	69.7	71.9	72.1	71.6	70.9	70.5	71.0	71.9	73.0
52.5°	66.8	73.5	79.0	82.4	81.4	80.5	80.0	79.8	80.5	81.3	82.8
55°	73.6	81.9	88.6	92.5	90.3	89.5	89.2	89.3	89.8	90.5	92.1
57.5°	80.5	90.5	98.5	102.1	99.1	98.4	98.3	98.6	99.0	99.5	100.9
60°	87.6	99.3	108.5	111.4	108.0	107.4	107.5	107.7	107.9	108.3	109.0
62.5°	94.8	108.3	118.7	120.6	117.0	116.5	116.7	116.7	116.5	116.6	116.6
65°	102.0	117.3	129.0	129.6	125.9	125.6	125.8	125.6	125.0	124.5	123.6
67.5°	109.4	126.5	139.5	138.4	134.8	134.7	134.8	134.3	133.2	132.0	130.1
70°	109.3	127.3	141.8	142.1	140.6	140.8	141.0	140.8	140.1	138.7	136.3
72.5°	108.8	127.4	143.0	145.2	145.2	144.9	144.4	143.9	142.8	140.7	138.5
75°	108.3	127.5	144.2	148.9	149.9	148.8	147.7	147.0	145.4	142.7	140.3
77.5°	107.7	127.4	145.4	152.9	154.7	152.6	150.9	150.2	147.8	144.6	142.2
80°	107.5	127.3	146.5	157.2	159.5	156.2	154.0	153.3	150.3	146.4	144.1
82.5°	106.5	127.5	148.3	161.7	164.3	159.8	157.1	156.5	152.6	148.3	146.1
85°	105.5	126.9	148.9	166.6	169.2	163.2	160.1	159.6	155.0	150.2	148.2
87.5°	104.4	126.3	149.5	170.9	173.9	166.8	163.3	162.7	157.4	152.1	150.2
90°	103.4	125.6	150.1	175.2	178.7	170.5	166.5	165.9	160.0	154.2	152.4
92.5°	104.4	126.3	149.5	170.9	173.9	166.8	163.3	162.7	157.4	152.1	150.2
95°	105.5	126.9	148.9	166.6	169.2	163.2	160.1	159.6	155.0	150.2	148.2
97.5°	106.5	127.5	148.3	161.7	164.3	159.8	157.1	156.5	152.6	148.3	146.1
100°	107.5	127.3	146.5	157.2	159.5	156.2	154.0	153.3	150.3	146.4	144.1
102.5°	107.7	127.4	145.4	152.9	154.7	152.6	150.9	150.2	147.8	144.6	142.2
105°	108.3	127.5	144.2	148.9	149.9	148.8	147.7	147.0	145.4	142.7	140.3
107.5°	108.8	127.4	143.0	145.2	145.2	144.9	144.4	143.9	142.8	140.7	138.5
110°	109.3	127.3	141.8	142.1	140.6	140.8	141.0	140.8	140.1	138.7	136.3



TEST NUMBER: P231897

CATALOG NUMBER: FVS4WM-2-LD4-35-1LO-PA187-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	109.4	126.5	139.5	138.4	134.8	134.7	134.8	134.3	133.2	132.0	130.1
115°	102.0	117.3	129.0	129.6	125.9	125.6	125.8	125.6	125.0	124.5	123.6
117.5°	94.8	108.3	118.7	120.6	117.0	116.5	116.7	116.7	116.5	116.6	116.6
120°	87.6	99.3	108.5	111.4	108.0	107.4	107.5	107.7	107.9	108.3	109.0
122.5°	80.5	90.5	98.5	102.1	99.1	98.4	98.3	98.6	99.0	99.5	100.9
125°	73.6	81.9	88.6	92.5	90.3	89.5	89.2	89.3	89.8	90.5	92.1
127.5°	66.8	73.5	79.0	82.4	81.4	80.5	80.0	79.8	80.5	81.3	82.8
130°	60.2	65.4	69.7	71.9	72.1	71.6	70.9	70.5	71.0	71.9	73.0
132.5°	53.8	57.5	60.5	61.8	62.4	62.6	61.9	61.4	62.1	64.6	67.2
135°	47.6	50.3	52.5	53.7	54.9	56.5	57.1	57.6	58.5	60.8	63.4
137.5°	43.8	46.4	48.6	50.1	51.2	52.7	53.8	54.3	55.3	56.9	59.3
140°	40.0	42.5	44.6	46.4	47.5	48.9	50.3	51.0	51.8	53.0	55.2
142.5°	36.2	38.6	40.7	42.6	43.8	45.0	46.5	47.5	48.2	49.4	50.8
145°	32.3	34.6	36.7	38.5	39.9	41.2	42.5	43.8	44.6	45.5	46.8
147.5°	28.5	30.7	32.7	34.4	35.9	37.2	38.4	39.8	40.8	41.6	42.6
150°	24.6	26.6	28.7	30.3	31.9	33.1	34.3	35.6	36.8	37.7	38.4
152.5°	20.8	22.6	24.5	26.1	27.5	28.9	30.1	31.2	32.4	33.5	34.3
155°	16.9	18.5	20.3	21.9	23.2	24.5	25.7	26.8	27.9	28.9	30.4
157.5°	13.1	14.6	16.3	18.0	19.5	21.0	22.4	23.7	25.1	26.4	27.8
160°	11.7	12.9	14.4	16.0	17.5	18.8	20.0	21.3	22.5	23.8	24.9
162.5°	10.2	11.3	12.5	13.9	15.2	16.5	17.6	18.8	19.9	21.0	22.0
165°	8.8	9.7	10.5	11.7	12.9	14.1	15.2	16.2	17.1	18.1	19.1
167.5°	7.3	8.1	8.8	9.6	10.6	11.5	12.5	13.4	14.3	15.1	15.8
170°	5.9	6.4	7.0	7.6	8.2	9.0	9.7	10.5	11.2	11.9	12.6
172.5°	4.4	4.8	5.3	5.7	6.1	6.5	6.9	7.5	8.0	8.6	9.1
175°	2.9	3.2	3.5	3.8	4.1	4.3	4.6	4.8	5.1	5.3	5.5
177.5°	1.5	1.6	1.8	1.9	2.0	2.2	2.3	2.4	2.5	2.7	2.8
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: P231897

CATALOG NUMBER: FVS4WM-2-LD4-35-1LO-PA187-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°	2.9	3.0	3.1	3.1	3.2	3.3	3.4	3.4	3.5	3.5	3.6
5°	5.9	6.2	6.5	6.8	7.0	7.3	7.5	7.8	8.0	8.2	8.3
7.5°	9.6	10.1	10.5	10.9	11.4	11.7	12.1	12.4	12.7	13.0	13.2
10°	13.2	13.8	14.4	14.9	15.4	15.9	16.4	16.8	17.2	17.6	18.0
12.5°	16.6	17.3	18.0	18.7	19.4	20.0	20.6	21.2	21.7	22.2	22.8
15°	19.9	20.8	21.6	22.4	23.2	24.1	24.9	25.7	26.5	27.2	27.9
17.5°	23.1	24.2	25.1	26.2	27.2	28.2	29.1	30.0	30.9	31.7	32.5
20°	26.2	27.4	28.6	29.7	30.8	31.8	32.8	33.9	34.9	35.9	36.8
22.5°	29.1	30.4	31.6	32.7	33.9	35.3	36.6	37.8	38.9	39.8	40.5
25°	31.7	32.9	34.3	35.8	37.4	38.9	40.4	41.7	42.8	43.8	44.8
27.5°	35.0	35.9	37.3	39.1	41.1	43.0	44.9	46.5	48.0	49.4	50.5
30°	39.5	40.8	42.3	44.1	45.9	48.1	50.4	52.4	54.2	55.6	56.9
32.5°	44.0	45.6	47.6	49.7	52.1	54.5	56.8	59.0	60.9	62.6	64.1
35°	48.4	50.6	52.9	55.5	58.1	60.8	63.3	65.8	68.0	70.2	72.5
37.5°	53.1	55.5	58.2	61.1	64.1	67.0	69.8	72.5	75.4	78.5	81.0
40°	57.6	60.4	63.4	66.7	70.0	73.2	76.4	79.7	83.0	86.2	89.6
42.5°	62.0	65.1	68.7	72.4	76.0	79.5	83.1	86.9	91.0	95.1	99.5
45°	66.2	70.0	74.0	78.0	81.8	85.6	90.0	94.3	99.1	104.3	110.6
47.5°	70.7	74.9	79.3	83.5	87.5	92.2	96.9	101.8	107.7	114.4	122.7
50°	75.6	79.9	84.4	88.6	93.5	98.6	103.5	109.7	117.0	125.8	135.8
52.5°	85.1	87.9	90.6	94.0	99.8	104.4	110.3	117.7	126.9	137.9	151.3
55°	94.1	96.3	98.6	102.1	105.9	110.1	116.9	126.2	137.3	151.3	167.1
57.5°	102.3	103.8	105.9	109.1	112.8	118.9	126.0	134.8	148.8	164.8	182.9
60°	109.8	110.5	112.5	115.6	120.7	127.8	135.6	147.2	161.3	177.7	201.1
62.5°	116.5	116.8	118.3	121.6	129.0	136.4	145.7	158.3	174.2	195.7	220.0
65°	122.7	122.4	124.0	128.8	137.0	144.0	154.7	169.5	188.9	212.4	238.7
67.5°	128.4	127.3	129.3	136.4	144.0	151.8	163.2	179.6	202.4	227.5	255.9
70°	133.7	131.8	134.4	143.9	150.2	158.3	171.7	191.0	214.4	240.3	271.6
72.5°	136.5	135.9	140.4	150.4	155.6	163.9	179.1	200.6	224.1	251.9	283.6
75°	138.4	139.0	145.5	154.8	161.4	170.6	186.8	208.4	231.1	260.9	293.7
77.5°	140.5	142.1	150.2	159.5	167.0	177.7	194.9	216.1	239.8	268.9	301.7
80°	142.7	145.2	154.6	164.3	172.3	183.7	201.6	222.5	247.1	276.6	311.0
82.5°	144.9	148.1	158.6	169.0	177.3	188.7	206.9	227.4	252.2	282.0	317.9
85°	147.2	151.0	162.2	173.7	182.0	192.9	211.0	231.1	255.3	285.1	322.0
87.5°	149.5	153.9	165.6	178.4	186.5	196.5	214.5	234.0	257.3	286.9	324.8
90°	151.9	156.5	168.2	182.2	190.4	199.2	216.1	234.8	256.4	285.0	322.4
92.5°	149.5	153.9	165.6	178.4	186.5	196.5	214.5	234.0	257.3	286.9	324.8
95°	147.2	151.0	162.2	173.7	182.0	192.9	211.0	231.1	255.3	285.1	322.0
97.5°	144.9	148.1	158.6	169.0	177.3	188.7	206.9	227.4	252.2	282.0	317.9
100°	142.7	145.2	154.6	164.3	172.3	183.7	201.6	222.5	247.1	276.6	311.0
102.5°	140.5	142.1	150.2	159.5	167.0	177.7	194.9	216.1	239.8	268.9	301.7
105°	138.4	139.0	145.5	154.8	161.4	170.6	186.8	208.4	231.1	260.9	293.7
107.5°	136.5	135.9	140.4	150.4	155.6	163.9	179.1	200.6	224.1	251.9	283.6
110°	133.7	131.8	134.4	143.9	150.2	158.3	171.7	191.0	214.4	240.3	271.6



TEST NUMBER: P231897

CATALOG NUMBER: FVS4WM-2-LD4-35-1LO-PA187-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
112.5°	128.4	127.3	129.3	136.4	144.0	151.8	163.2	179.6	202.4	227.5	255.9
115°	122.7	122.4	124.0	128.8	137.0	144.0	154.7	169.5	188.9	212.4	238.7
117.5°	116.5	116.8	118.3	121.6	129.0	136.4	145.7	158.3	174.2	195.7	220.0
120°	109.8	110.5	112.5	115.6	120.7	127.8	135.6	147.2	161.3	177.7	201.1
122.5°	102.3	103.8	105.9	109.1	112.8	118.9	126.0	134.8	148.8	164.8	182.9
125°	94.1	96.3	98.6	102.1	105.9	110.1	116.9	126.2	137.3	151.3	167.1
127.5°	85.1	87.9	90.6	94.0	99.8	104.4	110.3	117.7	126.9	137.9	151.3
130°	75.6	79.9	84.4	88.6	93.5	98.6	103.5	109.7	117.0	125.8	135.8
132.5°	70.7	74.9	79.3	83.5	87.5	92.2	96.9	101.8	107.7	114.4	122.7
135°	66.2	70.0	74.0	78.0	81.8	85.6	90.0	94.3	99.1	104.3	110.6
137.5°	62.0	65.1	68.7	72.4	76.0	79.5	83.1	86.9	91.0	95.1	99.5
140°	57.6	60.4	63.4	66.7	70.0	73.2	76.4	79.7	83.0	86.2	89.6
142.5°	53.1	55.5	58.2	61.1	64.1	67.0	69.8	72.5	75.4	78.5	81.0
145°	48.4	50.6	52.9	55.5	58.1	60.8	63.3	65.8	68.0	70.2	72.5
147.5°	44.0	45.6	47.6	49.7	52.1	54.5	56.8	59.0	60.9	62.6	64.1
150°	39.5	40.8	42.3	44.1	45.9	48.1	50.4	52.4	54.2	55.6	56.9
152.5°	35.0	35.9	37.3	39.1	41.1	43.0	44.9	46.5	48.0	49.4	50.5
155°	31.7	32.9	34.3	35.8	37.4	38.9	40.4	41.7	42.8	43.8	44.8
157.5°	29.1	30.4	31.6	32.7	33.9	35.3	36.6	37.8	38.9	39.8	40.5
160°	26.2	27.4	28.6	29.7	30.8	31.8	32.8	33.9	34.9	35.9	36.8
162.5°	23.1	24.2	25.1	26.2	27.2	28.2	29.1	30.0	30.9	31.7	32.5
165°	19.9	20.8	21.6	22.4	23.2	24.1	24.9	25.7	26.5	27.2	27.9
167.5°	16.6	17.3	18.0	18.7	19.4	20.0	20.6	21.2	21.7	22.2	22.8
170°	13.2	13.8	14.4	14.9	15.4	15.9	16.4	16.8	17.2	17.6	18.0
172.5°	9.6	10.1	10.5	10.9	11.4	11.7	12.1	12.4	12.7	13.0	13.2
175°	5.9	6.2	6.5	6.8	7.0	7.3	7.5	7.8	8.0	8.2	8.3
177.5°	2.9	3.0	3.1	3.1	3.2	3.3	3.4	3.4	3.5	3.5	3.6
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: P231897

CATALOG NUMBER: FVS4WM-2-LD4-35-1LO-PA187-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°	3.6	3.6	3.7	3.7	3.7	3.7	3.8	3.8	3.7	3.7	3.6
5°	8.5	8.6	8.7	8.8	8.9	9.0	9.0	9.0	9.2	9.1	9.0
7.5°	13.4	13.6	13.8	14.0	14.1	14.2	14.2	14.3	14.3	14.4	14.3
10°	18.3	18.6	18.8	19.0	19.2	19.4	19.5	19.5	19.6	19.7	19.6
12.5°	23.3	23.8	24.2	24.6	24.9	25.2	25.4	25.6	25.7	25.8	26.0
15°	28.5	29.1	29.6	30.1	30.5	30.9	31.3	31.6	31.8	32.0	32.2
17.5°	33.2	33.9	34.5	35.0	35.5	35.9	36.2	36.5	36.7	36.8	37.0
20°	37.6	38.2	38.6	38.8	38.9	39.0	38.9	38.8	38.6	38.4	38.1
22.5°	41.0	41.4	41.8	42.1	42.3	42.4	42.3	42.1	41.8	41.4	41.0
25°	45.6	46.3	46.7	47.0	47.1	47.0	46.7	46.4	45.8	45.2	44.4
27.5°	51.3	52.0	52.3	52.7	53.0	53.1	53.1	52.8	52.4	51.8	51.1
30°	57.9	58.8	59.6	60.1	61.3	62.2	63.0	63.6	63.9	64.0	63.8
32.5°	65.6	67.4	69.1	70.7	72.3	73.6	74.7	75.7	76.3	76.7	76.8
35°	74.7	77.0	79.1	81.2	83.3	86.1	88.8	91.2	93.2	94.9	96.2
37.5°	83.6	86.5	90.3	94.1	97.8	101.6	105.0	108.0	110.6	112.7	114.2
40°	93.7	97.9	102.9	107.9	112.6	117.8	123.4	128.6	133.2	137.2	140.5
42.5°	104.9	110.4	116.6	124.1	131.4	138.8	147.0	154.7	161.6	167.7	172.7
45°	117.2	125.2	133.1	143.3	153.8	164.9	174.5	184.4	193.3	201.2	207.8
47.5°	131.5	142.3	153.5	165.2	178.5	191.4	204.7	218.2	230.7	242.1	252.0
50°	148.4	161.3	175.6	189.7	205.5	222.2	239.5	257.5	273.8	288.0	300.1
52.5°	166.1	181.6	199.4	217.1	237.1	258.8	280.4	301.1	318.8	333.5	345.4
55°	184.1	204.4	225.7	249.9	274.4	300.2	324.7	346.3	363.0	375.0	382.6
57.5°	204.9	229.3	255.4	283.8	314.1	344.0	374.4	391.9	402.1	408.7	412.1
60°	226.8	254.5	284.7	316.8	351.2	382.4	409.2	425.8	430.1	433.2	435.0
62.5°	247.5	278.2	311.6	347.5	380.1	409.3	429.5	445.1	449.2	452.1	453.6
65°	267.7	298.8	334.7	371.0	403.2	428.7	448.8	461.1	465.8	468.8	470.9
67.5°	286.8	319.7	355.6	393.1	426.6	455.5	470.8	477.0	479.3	482.0	484.7
70°	303.7	339.9	378.4	418.0	459.3	478.2	487.3	489.3	490.4	493.3	497.0
72.5°	318.5	357.1	399.3	443.5	477.2	494.3	497.8	499.3	502.0	504.9	508.4
75°	330.9	373.5	417.1	458.1	487.5	501.6	505.0	506.7	510.5	516.1	519.1
77.5°	340.6	387.1	428.6	468.6	495.4	507.3	510.4	512.0	519.6	525.7	527.0
80°	352.0	395.2	435.7	478.4	505.8	514.2	516.5	521.3	526.8	531.0	529.2
82.5°	360.6	402.9	446.8	487.3	511.3	519.6	523.1	527.1	530.3	532.5	533.5
85°	365.2	407.9	453.9	495.1	515.2	521.5	525.4	527.3	527.1	532.9	540.2
87.5°	367.6	409.8	456.6	500.0	518.2	521.7	521.6	523.5	528.1	536.6	539.0
90°	363.3	408.3	455.0	501.1	519.8	521.0	516.3	520.4	534.4	541.4	539.7
92.5°	367.6	409.8	456.6	500.0	518.2	521.7	521.6	523.5	528.1	536.6	539.0
95°	365.2	407.9	453.9	495.1	515.2	521.5	525.4	527.3	527.1	532.9	540.2
97.5°	360.6	402.9	446.8	487.3	511.3	519.6	523.1	527.1	530.3	532.5	533.5
100°	352.0	395.2	435.7	478.4	505.8	514.2	516.5	521.3	526.8	531.0	529.2
102.5°	340.6	387.1	428.6	468.6	495.4	507.3	510.4	512.0	519.6	525.7	527.0
105°	330.9	373.5	417.1	458.1	487.5	501.6	505.0	506.7	510.5	516.1	519.1
107.5°	318.5	357.1	399.3	443.5	477.2	494.3	497.8	499.3	502.0	504.9	508.4
110°	303.7	339.9	378.4	418.0	459.3	478.2	487.3	489.3	490.4	493.3	497.0



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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°	286.8	319.7	355.6	393.1	426.6	455.5	470.8	477.0	479.3	482.0	484.7
115°	267.7	298.8	334.7	371.0	403.2	428.7	448.8	461.1	465.8	468.8	470.9
117.5°	247.5	278.2	311.6	347.5	380.1	409.3	429.5	445.1	449.2	452.1	453.6
120°	226.8	254.5	284.7	316.8	351.2	382.4	409.2	425.8	430.1	433.2	435.0
122.5°	204.9	229.3	255.4	283.8	314.1	344.0	374.4	391.9	402.1	408.7	412.1
125°	184.1	204.4	225.7	249.9	274.4	300.2	324.7	346.3	363.0	375.0	382.6
127.5°	166.1	181.6	199.4	217.1	237.1	258.8	280.4	301.1	318.8	333.5	345.4
130°	148.4	161.3	175.6	189.7	205.5	222.2	239.5	257.5	273.8	288.0	300.1
132.5°	131.5	142.3	153.5	165.2	178.5	191.4	204.7	218.2	230.7	242.1	252.0
135°	117.2	125.2	133.1	143.3	153.8	164.9	174.5	184.4	193.3	201.2	207.8
137.5°	104.9	110.4	116.6	124.1	131.4	138.8	147.0	154.7	161.6	167.7	172.7
140°	93.7	97.9	102.9	107.9	112.6	117.8	123.4	128.6	133.2	137.2	140.5
142.5°	83.6	86.5	90.3	94.1	97.8	101.6	105.0	108.0	110.6	112.7	114.2
145°	74.7	77.0	79.1	81.2	83.3	86.1	88.8	91.2	93.2	94.9	96.2
147.5°	65.6	67.4	69.1	70.7	72.3	73.6	74.7	75.7	76.3	76.7	76.8
150°	57.9	58.8	59.6	60.1	61.3	62.2	63.0	63.6	63.9	64.0	63.8
152.5°	51.3	52.0	52.3	52.7	53.0	53.1	53.1	52.8	52.4	51.8	51.1
155°	45.6	46.3	46.7	47.0	47.1	47.0	46.7	46.4	45.8	45.2	44.4
157.5°	41.0	41.4	41.8	42.1	42.3	42.4	42.3	42.1	41.8	41.4	41.0
160°	37.6	38.2	38.6	38.8	38.9	39.0	38.9	38.8	38.6	38.4	38.1
162.5°	33.2	33.9	34.5	35.0	35.5	35.9	36.2	36.5	36.7	36.8	37.0
165°	28.5	29.1	29.6	30.1	30.5	30.9	31.3	31.6	31.8	32.0	32.2
167.5°	23.3	23.8	24.2	24.6	24.9	25.2	25.4	25.6	25.7	25.8	26.0
170°	18.3	18.6	18.8	19.0	19.2	19.4	19.5	19.5	19.6	19.7	19.6
172.5°	13.4	13.6	13.8	14.0	14.1	14.2	14.2	14.3	14.3	14.4	14.3
175°	8.5	8.6	8.7	8.8	8.9	9.0	9.0	9.0	9.2	9.1	9.0
177.5°	3.6	3.6	3.7	3.7	3.7	3.7	3.8	3.8	3.7	3.7	3.6
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	0.0	0.0
2.5°	3.6	3.5
5°	8.9	8.8
7.5°	14.1	14.0
10°	19.4	19.3
12.5°	25.8	25.7
15°	32.2	32.1
17.5°	36.9	36.8
20°	37.8	37.4
22.5°	40.3	39.7
25°	43.6	42.6
27.5°	50.2	49.1
30°	63.5	62.5
32.5°	76.7	75.9
35°	97.2	97.0
37.5°	115.5	115.6
40°	143.4	144.3
42.5°	177.3	179.3
45°	213.8	216.7
47.5°	261.3	266.3
50°	311.2	317.1
52.5°	355.8	361.0
55°	387.8	388.4
57.5°	413.6	411.2
60°	436.1	434.0
62.5°	453.6	452.1
65°	471.9	471.3
67.5°	486.8	487.7
70°	499.3	500.0
72.5°	510.0	509.9
75°	517.0	512.2
77.5°	522.0	515.7
80°	528.7	531.5
82.5°	536.0	537.9
85°	540.7	537.3
87.5°	541.9	538.5
90°	543.2	541.4
92.5°	541.9	538.5
95°	540.7	537.3
97.5°	536.0	537.9
100°	528.7	531.5
102.5°	522.0	515.7
105°	517.0	512.2
107.5°	510.0	509.9
110°	499.3	500.0



TEST NUMBER: P231897

CATALOG NUMBER: FVS4WM-2-LD4-35-1LO-PA187-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	486.8	487.7
115°	471.9	471.3
117.5°	453.6	452.1
120°	436.1	434.0
122.5°	413.6	411.2
125°	387.8	388.4
127.5°	355.8	361.0
130°	311.2	317.1
132.5°	261.3	266.3
135°	213.8	216.7
137.5°	177.3	179.3
140°	143.4	144.3
142.5°	115.5	115.6
145°	97.2	97.0
147.5°	76.7	75.9
150°	63.5	62.5
152.5°	50.2	49.1
155°	43.6	42.6
157.5°	40.3	39.7
160°	37.8	37.4
162.5°	36.9	36.8
165°	32.2	32.1
167.5°	25.8	25.7
170°	19.4	19.3
172.5°	14.1	14.0
175°	8.9	8.8
177.5°	3.6	3.5
180°	0.0	0.0

(END OF REPORT)