

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: P231872

Luminaire Tested: **FVS4WM-2-LD4-30-1LO-P125-UNV-EDC1**

Issue Date: 3/3/2020



Test Information

Test Method: LM-79-08
Report Number: P231872
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-LD4-30-1LO-P125-UNV-EDC1
Description: FAILSAFE FVS LED FIXTURE
2FT LENGTH, 1-MODULE LED WITH P125 LENS
Light Source: (42) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

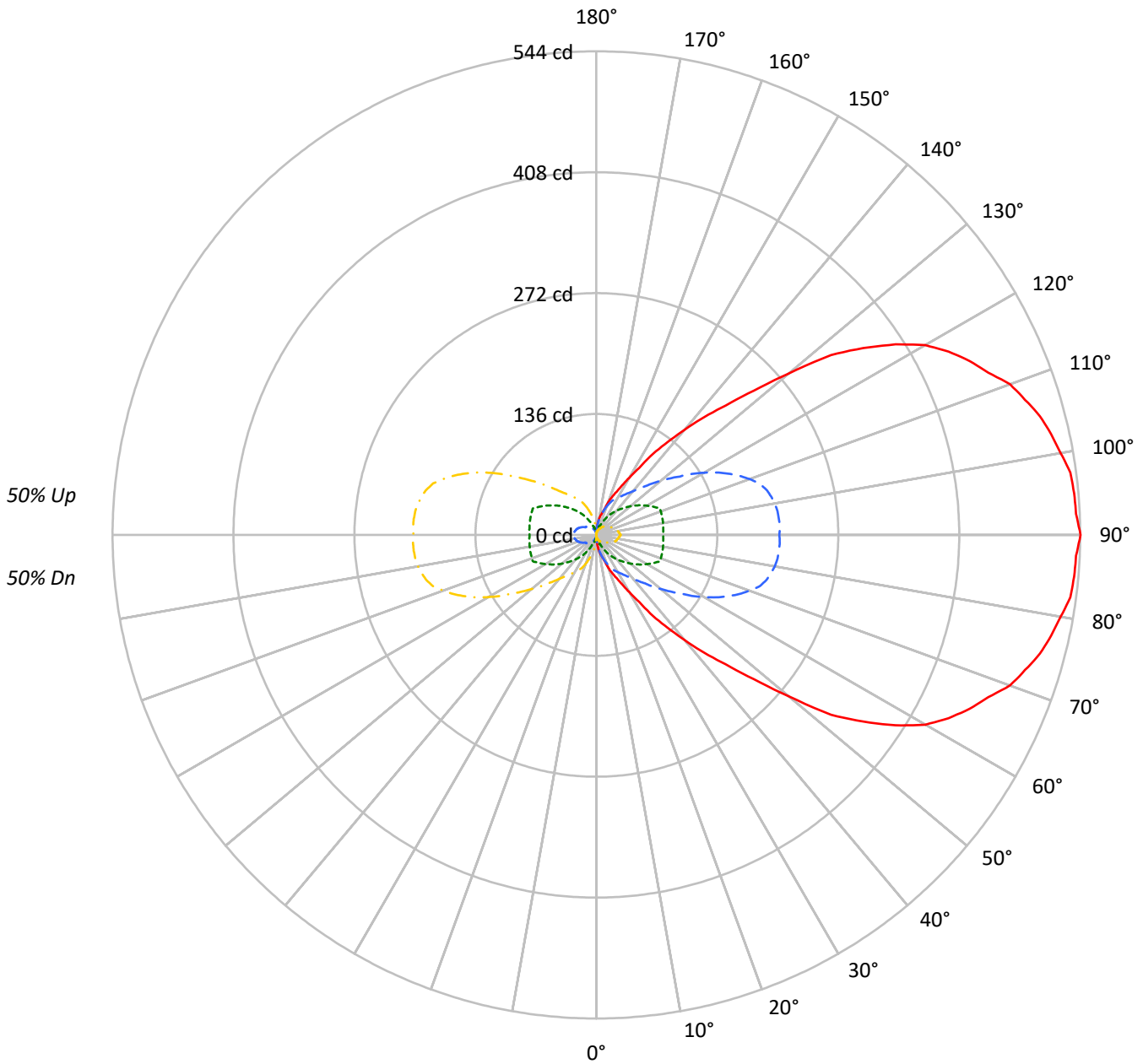
Lumens per Lamp: N/A
Luminaire Lumens: 1265.4 lumens
Efficiency: N/A
Efficacy: 102.9 lumens/watt
Spacing Criteria (0/90/45): - / - / -
Luminous Opening: Rectangular w/ Sides (W: 1.92' x L: 0.19' x H: 0.31')
CIE Type: General Diffuse

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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CATALOG NUMBER: FVS4WM-2-LD4-30-1LO-P125-UNV-EDC1

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°	286	80	0	80
10°	444	157	0	157
15°	553	238	0	238
20°	784	322	0	322
25°	991	473	0	473
30°	1313	699	0	699
35°	1885	948	0	948
40°	2522	1224	0	1224
45°	3267	1544	0	1544
50°	4399	1959	0	1959
55°	5657	2457	0	2457
60°	6579	3069	0	3069
65°	7174	3860	0	3860
70°	7771	4663	0	4663
75°	8275	5511	0	5511
80°	8748	6820	0	6820
85°	9242	9073	0	9073



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	0.6	0.0
10°-20°	3.9	0.3
20°-30°	11.1	0.9
30°-40°	24.7	1.9
40°-50°	48.3	3.8
50°-60°	86.8	6.9
60°-70°	128.0	10.1
70°-80°	157.2	12.4
80°-90°	172.2	13.6
90°-100°	172.2	13.6
100°-110°	157.2	12.4
110°-120°	128.0	10.1
120°-130°	86.8	6.9
130°-140°	48.3	3.8
140°-150°	24.7	1.9
150°-160°	11.1	0.9
160°-170°	3.9	0.3
170°-180°	0.6	0.0
0°-30°	15.6	1.2
0°-40°	40.3	3.2
0°-60°	175.3	13.9
0°-90°	632.7	50.0
90°-120°	457.4	36.1
90°-150°	617.1	48.8
90°-180°	633.0	50.0
0°-180°	1265.4	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°	53	15	0	15	53	26
35°	112	29	0	29	112	71
45°	206	42	0	42	206	165
55°	366	58	0	58	366	327
65°	463	74	0	74	463	459
75°	516	77	0	77	516	544
85°	539	76	0	76	539	439
90°	544	75	0	75	544	297
95°	539	76	0	76	539	439
105°	516	77	0	77	516	544
115°	463	74	0	74	463	459
125°	366	58	0	58	366	327
135°	206	42	0	42	206	165
145°	112	29	0	29	112	71
155°	53	15	0	15	53	26
165°	26	8	0	8	26	8
175°	11	3	0	3	11	1
180°	0	0	0	0	0	



TEST NUMBER: P231872

CATALOG NUMBER: FVS4WM-2-LD4-30-1LO-P125-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°	4.6	4.7	4.7	4.8	4.8	4.9	4.9	4.8	4.7	4.7	4.7
5°	10.9	11.0	11.1	11.2	11.3	11.0	11.0	10.9	10.9	10.7	10.6
7.5°	14.3	14.5	14.6	14.8	14.8	14.8	14.9	14.9	14.9	14.9	14.8
10°	18.9	19.1	19.4	19.6	19.5	19.6	19.6	19.6	19.6	19.5	19.4
12.5°	22.3	22.6	23.0	23.2	23.4	23.5	23.7	23.8	23.8	23.8	23.8
15°	25.8	26.3	26.8	27.0	27.3	27.6	27.8	28.0	28.0	28.1	28.0
17.5°	30.9	31.4	31.9	32.1	32.4	32.6	32.7	32.8	32.8	32.8	32.7
20°	39.5	39.8	40.2	39.9	39.8	39.7	39.4	39.1	38.7	38.3	37.9
22.5°	46.4	46.6	46.8	46.4	46.2	46.0	45.6	45.2	44.7	44.2	43.7
25°	53.3	53.3	53.1	52.8	52.4	51.9	51.4	50.7	50.0	49.2	48.4
27.5°	62.5	62.4	61.8	61.2	60.4	59.5	58.4	57.2	55.8	54.4	53.1
30°	74.5	74.2	73.2	72.2	70.9	69.4	67.6	65.7	63.6	61.3	59.5
32.5°	89.4	88.9	87.6	86.1	84.3	82.1	79.5	76.6	73.5	70.4	67.6
35°	111.7	110.8	108.5	106.0	103.0	99.4	95.4	91.0	86.2	82.0	77.9
37.5°	131.2	130.2	128.0	125.4	122.1	118.2	113.8	108.7	103.0	97.2	91.1
40°	154.7	153.6	150.8	147.5	143.5	138.7	133.2	126.9	120.4	113.6	106.3
42.5°	179.9	179.0	176.0	172.5	167.9	162.2	155.5	147.7	140.0	131.7	122.8
45°	205.7	205.2	202.3	198.9	194.1	188.0	180.7	173.1	162.8	152.3	141.5
47.5°	240.1	239.6	235.9	231.3	225.1	217.4	208.2	198.2	187.8	176.1	164.9
50°	281.9	281.2	276.3	270.3	262.3	252.4	240.8	228.7	215.7	202.0	189.2
52.5°	332.4	332.1	326.1	318.5	307.9	294.5	278.2	263.5	246.9	230.0	214.4
55°	366.2	367.8	364.8	360.1	352.4	341.4	326.5	305.5	280.8	259.6	239.8
57.5°	398.8	400.5	397.8	394.0	388.1	380.3	368.2	345.4	322.0	292.8	265.9
60°	426.9	427.5	424.2	420.4	415.5	409.7	397.1	377.4	353.2	325.2	296.1
62.5°	446.4	446.7	445.2	441.8	436.7	429.8	418.4	402.7	380.0	353.4	322.8
65°	463.0	462.9	461.5	458.8	455.1	449.6	439.1	424.8	404.3	377.9	346.7
67.5°	476.8	477.6	476.6	473.8	469.2	464.8	458.4	446.7	428.4	402.0	369.7
70°	495.1	494.1	491.6	488.2	484.5	479.1	473.2	464.4	450.5	425.2	390.8
72.5°	505.4	505.1	503.2	499.7	496.7	491.3	485.1	478.3	465.1	441.8	408.7
75°	516.3	514.8	512.2	509.5	506.0	501.4	495.3	487.3	477.1	455.8	423.2
77.5°	523.7	522.9	520.3	517.0	513.3	508.9	503.0	494.9	484.9	468.0	437.1
80°	530.1	529.3	527.1	524.5	519.7	514.7	509.0	501.2	492.4	478.0	447.7
82.5°	537.5	535.1	532.2	528.4	524.7	519.4	513.9	505.7	496.6	483.4	456.8
85°	539.2	538.7	536.8	532.4	528.1	522.4	516.9	508.8	499.2	487.6	463.3
87.5°	539.8	542.5	539.1	533.6	529.9	523.3	518.5	509.8	500.8	490.6	466.6
90°	544.4	539.2	537.5	534.1	528.9	523.2	519.2	509.4	501.4	491.7	466.4
92.5°	539.8	542.5	539.1	533.6	529.9	523.3	518.5	509.8	500.8	490.6	466.6
95°	539.2	538.7	536.8	532.4	528.1	522.4	516.9	508.8	499.2	487.6	463.3
97.5°	537.5	535.1	532.2	528.4	524.7	519.4	513.9	505.7	496.6	483.4	456.8
100°	530.1	529.3	527.1	524.5	519.7	514.7	509.0	501.2	492.4	478.0	447.7
102.5°	523.7	522.9	520.3	517.0	513.3	508.9	503.0	494.9	484.9	468.0	437.1
105°	516.3	514.8	512.2	509.5	506.0	501.4	495.3	487.3	477.1	455.8	423.2
107.5°	505.4	505.1	503.2	499.7	496.7	491.3	485.1	478.3	465.1	441.8	408.7
110°	495.1	494.1	491.6	488.2	484.5	479.1	473.2	464.4	450.5	425.2	390.8



TEST NUMBER: P231872

CATALOG NUMBER: FVS4WM-2-LD4-30-1LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
112.5°	476.8	477.6	476.6	473.8	469.2	464.8	458.4	446.7	428.4	402.0	369.7
115°	463.0	462.9	461.5	458.8	455.1	449.6	439.1	424.8	404.3	377.9	346.7
117.5°	446.4	446.7	445.2	441.8	436.7	429.8	418.4	402.7	380.0	353.4	322.8
120°	426.9	427.5	424.2	420.4	415.5	409.7	397.1	377.4	353.2	325.2	296.1
122.5°	398.8	400.5	397.8	394.0	388.1	380.3	368.2	345.4	322.0	292.8	265.9
125°	366.2	367.8	364.8	360.1	352.4	341.4	326.5	305.5	280.8	259.6	239.8
127.5°	332.4	332.1	326.1	318.5	307.9	294.5	278.2	263.5	246.9	230.0	214.4
130°	281.9	281.2	276.3	270.3	262.3	252.4	240.8	228.7	215.7	202.0	189.2
132.5°	240.1	239.6	235.9	231.3	225.1	217.4	208.2	198.2	187.8	176.1	164.9
135°	205.7	205.2	202.3	198.9	194.1	188.0	180.7	173.1	162.8	152.3	141.5
137.5°	179.9	179.0	176.0	172.5	167.9	162.2	155.5	147.7	140.0	131.7	122.8
140°	154.7	153.6	150.8	147.5	143.5	138.7	133.2	126.9	120.4	113.6	106.3
142.5°	131.2	130.2	128.0	125.4	122.1	118.2	113.8	108.7	103.0	97.2	91.1
145°	111.7	110.8	108.5	106.0	103.0	99.4	95.4	91.0	86.2	82.0	77.9
147.5°	89.4	88.9	87.6	86.1	84.3	82.1	79.5	76.6	73.5	70.4	67.6
150°	74.5	74.2	73.2	72.2	70.9	69.4	67.6	65.7	63.6	61.3	59.5
152.5°	62.5	62.4	61.8	61.2	60.4	59.5	58.4	57.2	55.8	54.4	53.1
155°	53.3	53.3	53.1	52.8	52.4	51.9	51.4	50.7	50.0	49.2	48.4
157.5°	46.4	46.6	46.8	46.4	46.2	46.0	45.6	45.2	44.7	44.2	43.7
160°	39.5	39.8	40.2	39.9	39.8	39.7	39.4	39.1	38.7	38.3	37.9
162.5°	30.9	31.4	31.9	32.1	32.4	32.6	32.7	32.8	32.8	32.8	32.7
165°	25.8	26.3	26.8	27.0	27.3	27.6	27.8	28.0	28.0	28.1	28.0
167.5°	22.3	22.6	23.0	23.2	23.4	23.5	23.7	23.8	23.8	23.8	23.8
170°	18.9	19.1	19.4	19.6	19.5	19.6	19.6	19.6	19.6	19.5	19.4
172.5°	14.3	14.5	14.6	14.8	14.8	14.8	14.9	14.9	14.9	14.9	14.8
175°	10.9	11.0	11.1	11.2	11.3	11.0	11.0	10.9	10.9	10.7	10.6
177.5°	4.6	4.7	4.7	4.8	4.8	4.9	4.9	4.8	4.7	4.7	4.7
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: P231872

CATALOG NUMBER: FVS4WM-2-LD4-30-1LO-P125-UNV-EDC1

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°	4.6	4.6	4.5	4.5	4.4	4.3	4.2	4.1	4.0	3.9	3.8
5°	10.5	10.3	10.1	9.9	9.6	9.4	9.1	8.8	8.5	8.2	7.8
7.5°	14.7	14.6	14.5	14.4	14.2	14.0	13.8	13.5	13.3	12.8	12.3
10°	19.2	19.0	18.7	18.4	18.1	17.7	17.4	17.0	16.7	16.3	15.9
12.5°	23.7	23.5	23.3	23.1	22.8	22.3	21.8	21.2	20.6	20.0	19.3
15°	27.9	27.7	27.5	27.2	26.9	26.5	26.1	25.6	25.0	24.2	23.4
17.5°	32.5	32.3	32.1	31.8	31.3	30.8	30.3	29.6	28.9	28.2	27.4
20°	37.4	37.0	36.7	36.4	35.9	35.5	34.9	34.1	33.2	32.3	31.3
22.5°	43.0	42.3	41.6	40.9	40.3	39.7	39.1	38.5	37.9	36.7	35.5
25°	47.7	46.9	46.1	45.3	44.5	43.8	43.1	42.4	41.7	40.9	40.2
27.5°	52.1	51.0	49.9	48.9	48.0	47.2	46.5	45.7	45.1	44.5	43.6
30°	57.6	55.6	53.8	52.4	51.2	50.1	49.1	48.3	47.8	47.6	47.4
32.5°	64.6	61.6	59.1	56.8	54.5	52.9	52.1	51.5	51.1	50.6	50.3
35°	73.5	69.2	65.7	62.2	59.5	57.8	55.9	55.2	54.3	53.7	53.2
37.5°	84.7	79.3	74.0	70.1	66.8	63.7	61.3	59.3	57.9	57.0	56.2
40°	98.7	91.8	85.8	80.6	75.6	71.1	67.5	64.3	62.1	60.4	59.3
42.5°	114.5	107.2	99.8	93.0	86.4	80.3	74.5	70.5	66.8	64.4	62.6
45°	133.0	123.9	115.3	106.5	98.4	90.5	83.7	77.1	72.7	68.7	66.2
47.5°	153.5	142.1	131.7	121.2	111.5	102.1	93.4	85.9	78.9	74.0	70.3
50°	175.7	162.5	149.2	137.1	125.6	114.4	104.1	94.7	86.8	79.8	74.5
52.5°	198.7	183.4	168.1	153.6	140.0	127.3	115.3	104.5	95.0	86.4	81.5
55°	221.8	204.6	187.6	170.6	155.0	140.4	126.5	114.6	105.3	97.5	91.5
57.5°	244.6	224.7	206.7	188.3	170.2	153.9	140.0	127.5	116.8	108.2	101.5
60°	267.2	244.3	223.6	205.3	186.4	169.1	153.7	139.8	128.3	118.8	111.2
62.5°	292.1	262.9	240.0	220.1	201.9	183.2	166.9	152.1	139.2	128.5	120.4
65°	313.8	283.4	255.6	233.6	214.6	196.5	179.0	163.2	149.4	138.2	129.5
67.5°	335.4	302.4	272.2	246.4	225.2	207.6	190.0	173.9	159.5	147.3	137.9
70°	355.4	320.3	287.1	257.8	235.1	216.4	199.5	183.4	168.5	155.7	145.6
72.5°	371.9	335.7	300.2	268.7	243.6	223.6	207.2	192.4	176.6	163.6	153.1
75°	385.3	348.1	311.9	276.8	250.1	229.5	212.9	197.6	182.5	169.6	159.6
77.5°	395.4	357.2	320.9	285.5	256.6	233.8	216.1	201.1	186.8	174.5	165.3
80°	406.3	366.9	330.7	294.5	262.0	237.0	218.2	203.6	190.1	178.4	170.3
82.5°	416.8	375.3	338.3	301.4	266.2	239.0	219.2	205.3	192.5	181.5	174.7
85°	423.3	380.7	343.6	306.0	269.0	239.9	219.3	206.1	194.0	183.8	178.6
87.5°	425.8	384.6	347.8	309.5	271.2	240.3	218.9	206.4	195.1	185.8	182.3
90°	424.6	382.8	346.7	308.3	269.9	238.4	217.2	205.7	195.4	187.4	185.7
92.5°	425.8	384.6	347.8	309.5	271.2	240.3	218.9	206.4	195.1	185.8	182.3
95°	423.3	380.7	343.6	306.0	269.0	239.9	219.3	206.1	194.0	183.8	178.6
97.5°	416.8	375.3	338.3	301.4	266.2	239.0	219.2	205.3	192.5	181.5	174.7
100°	406.3	366.9	330.7	294.5	262.0	237.0	218.2	203.6	190.1	178.4	170.3
102.5°	395.4	357.2	320.9	285.5	256.6	233.8	216.1	201.1	186.8	174.5	165.3
105°	385.3	348.1	311.9	276.8	250.1	229.5	212.9	197.6	182.5	169.6	159.6
107.5°	371.9	335.7	300.2	268.7	243.6	223.6	207.2	192.4	176.6	163.6	153.1
110°	355.4	320.3	287.1	257.8	235.1	216.4	199.5	183.4	168.5	155.7	145.6



TEST NUMBER: P231872

CATALOG NUMBER: FVS4WM-2-LD4-30-1LO-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°	335.4	302.4	272.2	246.4	225.2	207.6	190.0	173.9	159.5	147.3	137.9
115°	313.8	283.4	255.6	233.6	214.6	196.5	179.0	163.2	149.4	138.2	129.5
117.5°	292.1	262.9	240.0	220.1	201.9	183.2	166.9	152.1	139.2	128.5	120.4
120°	267.2	244.3	223.6	205.3	186.4	169.1	153.7	139.8	128.3	118.8	111.2
122.5°	244.6	224.7	206.7	188.3	170.2	153.9	140.0	127.5	116.8	108.2	101.5
125°	221.8	204.6	187.6	170.6	155.0	140.4	126.5	114.6	105.3	97.5	91.5
127.5°	198.7	183.4	168.1	153.6	140.0	127.3	115.3	104.5	95.0	86.4	81.5
130°	175.7	162.5	149.2	137.1	125.6	114.4	104.1	94.7	86.8	79.8	74.5
132.5°	153.5	142.1	131.7	121.2	111.5	102.1	93.4	85.9	78.9	74.0	70.3
135°	133.0	123.9	115.3	106.5	98.4	90.5	83.7	77.1	72.7	68.7	66.2
137.5°	114.5	107.2	99.8	93.0	86.4	80.3	74.5	70.5	66.8	64.4	62.6
140°	98.7	91.8	85.8	80.6	75.6	71.1	67.5	64.3	62.1	60.4	59.3
142.5°	84.7	79.3	74.0	70.1	66.8	63.7	61.3	59.3	57.9	57.0	56.2
145°	73.5	69.2	65.7	62.2	59.5	57.8	55.9	55.2	54.3	53.7	53.2
147.5°	64.6	61.6	59.1	56.8	54.5	52.9	52.1	51.5	51.1	50.6	50.3
150°	57.6	55.6	53.8	52.4	51.2	50.1	49.1	48.3	47.8	47.6	47.4
152.5°	52.1	51.0	49.9	48.9	48.0	47.2	46.5	45.7	45.1	44.5	43.6
155°	47.7	46.9	46.1	45.3	44.5	43.8	43.1	42.4	41.7	40.9	40.2
157.5°	43.0	42.3	41.6	40.9	40.3	39.7	39.1	38.5	37.9	36.7	35.5
160°	37.4	37.0	36.7	36.4	35.9	35.5	34.9	34.1	33.2	32.3	31.3
162.5°	32.5	32.3	32.1	31.8	31.3	30.8	30.3	29.6	28.9	28.2	27.4
165°	27.9	27.7	27.5	27.2	26.9	26.5	26.1	25.6	25.0	24.2	23.4
167.5°	23.7	23.5	23.3	23.1	22.8	22.3	21.8	21.2	20.6	20.0	19.3
170°	19.2	19.0	18.7	18.4	18.1	17.7	17.4	17.0	16.7	16.3	15.9
172.5°	14.7	14.6	14.5	14.4	14.2	14.0	13.8	13.5	13.3	12.8	12.3
175°	10.5	10.3	10.1	9.9	9.6	9.4	9.1	8.8	8.5	8.2	7.8
177.5°	4.6	4.6	4.5	4.5	4.4	4.3	4.2	4.1	4.0	3.9	3.8
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: P231872

CATALOG NUMBER: FVS4WM-2-LD4-30-1LO-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°	3.7	3.5	3.4	3.3	3.1	2.9	2.8	2.6	2.4	2.3	2.1
5°	7.5	7.1	6.7	6.4	6.1	5.8	5.5	5.2	4.8	4.5	4.1
7.5°	11.8	11.2	10.6	10.0	9.4	8.8	8.2	7.6	7.2	6.7	6.1
10°	15.4	14.9	14.5	13.6	12.8	12.0	11.2	10.3	9.5	8.8	8.1
12.5°	18.7	18.0	17.4	16.7	16.0	15.1	14.1	13.0	12.0	10.9	10.0
15°	22.5	21.5	20.6	19.7	18.7	17.8	16.8	15.6	14.4	13.2	11.9
17.5°	26.6	25.3	24.2	22.9	21.7	20.5	19.3	18.1	16.7	15.4	13.9
20°	30.2	29.1	27.9	26.4	24.9	23.3	21.9	20.5	19.0	17.4	15.9
22.5°	34.2	32.9	31.5	30.0	28.3	26.5	24.6	22.9	21.2	19.4	17.8
25°	38.5	36.9	35.2	33.5	32.0	30.2	28.4	26.6	24.8	23.0	21.3
27.5°	42.9	41.6	39.9	38.2	36.6	34.8	32.9	30.9	28.9	27.0	25.1
30°	46.7	45.9	44.7	42.9	41.1	39.2	37.3	35.2	33.1	30.9	28.8
32.5°	50.1	49.5	48.7	47.3	45.5	43.6	41.5	39.3	37.1	34.8	32.5
35°	52.9	52.7	52.1	51.2	49.7	47.8	45.6	43.5	41.1	38.7	36.2
37.5°	55.6	55.3	55.3	54.5	53.7	51.7	49.7	47.3	44.9	42.5	39.9
40°	58.5	57.8	57.8	57.7	56.8	55.5	53.6	51.2	48.7	46.2	43.6
42.5°	61.4	60.6	60.1	60.2	59.8	59.0	57.2	55.1	52.4	49.9	47.2
45°	64.6	63.3	62.6	62.5	62.7	61.9	60.6	58.8	56.1	53.4	50.8
47.5°	67.7	66.2	65.2	64.6	65.0	65.3	65.4	64.9	63.3	61.2	58.7
50°	71.4	69.5	69.4	70.2	71.7	73.3	73.9	73.8	72.7	70.6	67.6
52.5°	78.3	77.2	76.9	77.5	78.8	81.0	82.0	82.4	81.9	80.1	76.6
55°	87.1	85.2	84.4	84.4	86.0	88.3	90.0	90.9	91.1	89.5	85.7
57.5°	96.4	93.1	92.0	91.6	93.1	95.5	97.8	99.1	100.0	98.8	94.9
60°	105.5	101.1	99.6	99.0	100.0	102.6	105.4	107.2	108.6	107.9	104.1
62.5°	114.6	109.8	107.2	106.4	106.7	109.6	112.9	115.1	117.0	117.0	113.4
65°	123.2	118.3	114.7	113.7	113.2	116.5	120.1	122.9	125.3	125.9	122.7
67.5°	131.3	126.6	122.0	121.0	120.5	123.4	127.3	130.7	133.4	134.8	132.1
70°	138.9	134.6	130.1	128.2	127.2	129.1	132.6	135.6	137.8	138.1	134.0
72.5°	145.9	140.8	136.0	133.1	132.1	133.3	136.2	138.8	140.8	140.2	135.0
75°	152.0	146.3	141.5	138.0	136.9	137.7	140.0	142.1	144.0	142.5	136.0
77.5°	157.9	151.7	146.7	143.0	141.5	142.3	143.9	145.5	147.3	145.0	137.0
80°	163.6	157.0	151.7	147.9	146.0	147.1	148.0	148.8	150.8	147.5	138.0
82.5°	169.0	162.3	156.5	152.8	150.5	151.9	152.2	152.3	154.3	150.1	139.6
85°	174.2	167.4	161.2	157.7	155.0	156.9	156.5	155.6	158.0	152.9	140.2
87.5°	179.2	172.4	165.8	162.6	159.4	161.8	160.7	159.2	161.5	155.3	140.9
90°	183.9	177.1	170.2	167.3	163.9	166.8	165.0	162.7	165.0	157.6	141.5
92.5°	179.2	172.4	165.8	162.6	159.4	161.8	160.7	159.2	161.5	155.3	140.9
95°	174.2	167.4	161.2	157.7	155.0	156.9	156.5	155.6	158.0	152.9	140.2
97.5°	169.0	162.3	156.5	152.8	150.5	151.9	152.2	152.3	154.3	150.1	139.6
100°	163.6	157.0	151.7	147.9	146.0	147.1	148.0	148.8	150.8	147.5	138.0
102.5°	157.9	151.7	146.7	143.0	141.5	142.3	143.9	145.5	147.3	145.0	137.0
105°	152.0	146.3	141.5	138.0	136.9	137.7	140.0	142.1	144.0	142.5	136.0
107.5°	145.9	140.8	136.0	133.1	132.1	133.3	136.2	138.8	140.8	140.2	135.0
110°	138.9	134.6	130.1	128.2	127.2	129.1	132.6	135.6	137.8	138.1	134.0



TEST NUMBER: P231872

CATALOG NUMBER: FVS4WM-2-LD4-30-1LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	131.3	126.6	122.0	121.0	120.5	123.4	127.3	130.7	133.4	134.8	132.1
115°	123.2	118.3	114.7	113.7	113.2	116.5	120.1	122.9	125.3	125.9	122.7
117.5°	114.6	109.8	107.2	106.4	106.7	109.6	112.9	115.1	117.0	117.0	113.4
120°	105.5	101.1	99.6	99.0	100.0	102.6	105.4	107.2	108.6	107.9	104.1
122.5°	96.4	93.1	92.0	91.6	93.1	95.5	97.8	99.1	100.0	98.8	94.9
125°	87.1	85.2	84.4	84.4	86.0	88.3	90.0	90.9	91.1	89.5	85.7
127.5°	78.3	77.2	76.9	77.5	78.8	81.0	82.0	82.4	81.9	80.1	76.6
130°	71.4	69.5	69.4	70.2	71.7	73.3	73.9	73.8	72.7	70.6	67.6
132.5°	67.7	66.2	65.2	64.6	65.0	65.3	65.4	64.9	63.3	61.2	58.7
135°	64.6	63.3	62.6	62.5	62.7	61.9	60.6	58.8	56.1	53.4	50.8
137.5°	61.4	60.6	60.1	60.2	59.8	59.0	57.2	55.1	52.4	49.9	47.2
140°	58.5	57.8	57.8	57.7	56.8	55.5	53.6	51.2	48.7	46.2	43.6
142.5°	55.6	55.3	55.3	54.5	53.7	51.7	49.7	47.3	44.9	42.5	39.9
145°	52.9	52.7	52.1	51.2	49.7	47.8	45.6	43.5	41.1	38.7	36.2
147.5°	50.1	49.5	48.7	47.3	45.5	43.6	41.5	39.3	37.1	34.8	32.5
150°	46.7	45.9	44.7	42.9	41.1	39.2	37.3	35.2	33.1	30.9	28.8
152.5°	42.9	41.6	39.9	38.2	36.6	34.8	32.9	30.9	28.9	27.0	25.1
155°	38.5	36.9	35.2	33.5	32.0	30.2	28.4	26.6	24.8	23.0	21.3
157.5°	34.2	32.9	31.5	30.0	28.3	26.5	24.6	22.9	21.2	19.4	17.8
160°	30.2	29.1	27.9	26.4	24.9	23.3	21.9	20.5	19.0	17.4	15.9
162.5°	26.6	25.3	24.2	22.9	21.7	20.5	19.3	18.1	16.7	15.4	13.9
165°	22.5	21.5	20.6	19.7	18.7	17.8	16.8	15.6	14.4	13.2	11.9
167.5°	18.7	18.0	17.4	16.7	16.0	15.1	14.1	13.0	12.0	10.9	10.0
170°	15.4	14.9	14.5	13.6	12.8	12.0	11.2	10.3	9.5	8.8	8.1
172.5°	11.8	11.2	10.6	10.0	9.4	8.8	8.2	7.6	7.2	6.7	6.1
175°	7.5	7.1	6.7	6.4	6.1	5.8	5.5	5.2	4.8	4.5	4.1
177.5°	3.7	3.5	3.4	3.3	3.1	2.9	2.8	2.6	2.4	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: P231872

CATALOG NUMBER: FVS4WM-2-LD4-30-1LO-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°	1.9	1.7	1.5	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2
5°	3.8	3.4	3.0	2.7	2.6	2.6	2.6	2.5	2.5	2.5	2.4
7.5°	5.6	5.1	4.5	4.0	3.9	3.9	3.8	3.8	3.7	3.6	3.5
10°	7.4	6.7	6.0	5.3	5.2	5.1	5.0	4.9	4.8	4.7	4.6
12.5°	9.2	8.4	7.5	6.7	6.5	6.4	6.2	6.0	5.9	5.8	5.6
15°	10.9	10.0	9.0	8.0	7.8	7.6	7.4	7.2	7.0	6.8	6.6
17.5°	12.6	11.6	10.5	9.3	9.1	8.8	8.5	8.3	8.1	7.9	7.6
20°	14.3	13.1	11.9	10.7	10.3	10.0	9.6	9.4	9.1	8.9	8.6
22.5°	16.1	14.6	13.3	12.0	11.6	11.1	10.7	10.4	10.1	9.8	9.5
25°	19.7	18.1	16.8	15.4	15.0	14.5	14.1	13.7	13.2	12.6	12.0
27.5°	23.3	21.6	20.2	18.8	18.4	18.0	17.7	17.3	16.8	16.2	15.6
30°	27.0	25.1	23.7	22.1	21.8	21.5	21.3	21.0	20.5	19.9	19.0
32.5°	30.5	28.6	27.1	25.5	25.3	25.0	24.9	24.7	24.2	23.4	22.2
35°	34.1	32.1	30.5	28.9	28.8	28.6	28.6	28.4	27.9	26.7	25.2
37.5°	37.5	35.6	33.9	32.3	32.3	32.3	32.4	32.1	31.6	29.8	28.0
40°	40.9	39.0	37.3	35.6	35.7	35.9	36.2	35.9	34.9	32.9	30.7
42.5°	44.4	42.4	40.6	39.0	39.3	39.6	40.0	39.6	38.2	35.9	33.1
45°	47.8	45.8	44.0	42.4	42.8	43.3	43.7	43.4	41.3	38.5	35.4
47.5°	55.0	51.9	49.1	46.3	45.7	45.5	45.4	44.9	42.4	39.6	36.7
50°	62.8	58.3	54.2	50.2	48.5	47.5	46.7	45.5	42.7	39.8	36.8
52.5°	70.9	64.9	59.5	54.1	51.3	49.4	47.8	46.0	43.0	40.1	37.1
55°	79.1	71.6	64.8	58.0	54.0	51.2	48.9	46.5	43.3	40.5	37.5
57.5°	87.5	78.5	70.2	61.8	56.7	52.9	50.0	46.9	43.7	41.0	38.0
60°	96.1	85.4	75.6	65.7	59.2	54.6	50.9	47.4	44.2	41.5	38.7
62.5°	104.8	92.5	81.1	69.6	61.8	56.1	51.8	47.9	44.7	42.1	39.6
65°	113.6	99.6	86.6	73.5	64.3	57.6	52.6	48.4	45.3	42.7	40.7
67.5°	122.6	106.8	92.1	77.4	66.8	59.1	53.4	48.9	46.0	43.5	41.9
70°	123.4	106.9	92.0	77.1	66.3	58.6	52.9	48.6	45.9	43.4	42.4
72.5°	123.6	106.8	91.8	76.9	65.8	58.1	52.3	48.2	45.5	43.1	42.3
75°	123.7	106.6	92.1	76.6	65.3	57.7	51.8	47.9	45.2	42.9	42.3
77.5°	123.7	106.4	91.6	76.4	64.9	57.3	51.3	47.7	44.9	42.7	42.2
80°	123.6	106.6	91.2	76.1	64.5	56.9	50.8	47.5	44.6	42.6	42.1
82.5°	123.8	106.0	90.7	75.9	64.1	56.5	50.4	47.3	44.3	42.5	42.0
85°	123.2	105.4	90.3	75.6	63.7	56.2	50.0	47.2	44.0	42.4	42.0
87.5°	122.7	104.9	89.8	75.4	63.3	55.9	49.6	47.1	43.8	42.4	41.9
90°	122.1	104.3	89.4	75.1	63.0	55.6	49.3	47.0	43.6	42.4	41.8
92.5°	122.7	104.9	89.8	75.4	63.3	55.9	49.6	47.1	43.8	42.4	41.9
95°	123.2	105.4	90.3	75.6	63.7	56.2	50.0	47.2	44.0	42.4	42.0
97.5°	123.8	106.0	90.7	75.9	64.1	56.5	50.4	47.3	44.3	42.5	42.0
100°	123.6	106.6	91.2	76.1	64.5	56.9	50.8	47.5	44.6	42.6	42.1
102.5°	123.7	106.4	91.6	76.4	64.9	57.3	51.3	47.7	44.9	42.7	42.2
105°	123.7	106.6	92.1	76.6	65.3	57.7	51.8	47.9	45.2	42.9	42.3
107.5°	123.6	106.8	91.8	76.9	65.8	58.1	52.3	48.2	45.5	43.1	42.3
110°	123.4	106.9	92.0	77.1	66.3	58.6	52.9	48.6	45.9	43.4	42.4



TEST NUMBER: P231872

CATALOG NUMBER: FVS4WM-2-LD4-30-1LO-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°	122.6	106.8	92.1	77.4	66.8	59.1	53.4	48.9	46.0	43.5	41.9
115°	113.6	99.6	86.6	73.5	64.3	57.6	52.6	48.4	45.3	42.7	40.7
117.5°	104.8	92.5	81.1	69.6	61.8	56.1	51.8	47.9	44.7	42.1	39.6
120°	96.1	85.4	75.6	65.7	59.2	54.6	50.9	47.4	44.2	41.5	38.7
122.5°	87.5	78.5	70.2	61.8	56.7	52.9	50.0	46.9	43.7	41.0	38.0
125°	79.1	71.6	64.8	58.0	54.0	51.2	48.9	46.5	43.3	40.5	37.5
127.5°	70.9	64.9	59.5	54.1	51.3	49.4	47.8	46.0	43.0	40.1	37.1
130°	62.8	58.3	54.2	50.2	48.5	47.5	46.7	45.5	42.7	39.8	36.8
132.5°	55.0	51.9	49.1	46.3	45.7	45.5	45.4	44.9	42.4	39.6	36.7
135°	47.8	45.8	44.0	42.4	42.8	43.3	43.7	43.4	41.3	38.5	35.4
137.5°	44.4	42.4	40.6	39.0	39.3	39.6	40.0	39.6	38.2	35.9	33.1
140°	40.9	39.0	37.3	35.6	35.7	35.9	36.2	35.9	34.9	32.9	30.7
142.5°	37.5	35.6	33.9	32.3	32.3	32.3	32.4	32.1	31.6	29.8	28.0
145°	34.1	32.1	30.5	28.9	28.8	28.6	28.6	28.4	27.9	26.7	25.2
147.5°	30.5	28.6	27.1	25.5	25.3	25.0	24.9	24.7	24.2	23.4	22.2
150°	27.0	25.1	23.7	22.1	21.8	21.5	21.3	21.0	20.5	19.9	19.0
152.5°	23.3	21.6	20.2	18.8	18.4	18.0	17.7	17.3	16.8	16.2	15.6
155°	19.7	18.1	16.8	15.4	15.0	14.5	14.1	13.7	13.2	12.6	12.0
157.5°	16.1	14.6	13.3	12.0	11.6	11.1	10.7	10.4	10.1	9.8	9.5
160°	14.3	13.1	11.9	10.7	10.3	10.0	9.6	9.4	9.1	8.9	8.6
162.5°	12.6	11.6	10.5	9.3	9.1	8.8	8.5	8.3	8.1	7.9	7.6
165°	10.9	10.0	9.0	8.0	7.8	7.6	7.4	7.2	7.0	6.8	6.6
167.5°	9.2	8.4	7.5	6.7	6.5	6.4	6.2	6.0	5.9	5.8	5.6
170°	7.4	6.7	6.0	5.3	5.2	5.1	5.0	4.9	4.8	4.7	4.6
172.5°	5.6	5.1	4.5	4.0	3.9	3.9	3.8	3.8	3.7	3.6	3.5
175°	3.8	3.4	3.0	2.7	2.6	2.6	2.6	2.5	2.5	2.5	2.4
177.5°	1.9	1.7	1.5	1.3	1.3	1.3	1.3	1.3	1.3	1.3	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: P231872

CATALOG NUMBER: FVS4WM-2-LD4-30-1LO-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	1.1	1.1	1.1	1.0	1.0	1.0	0.9	0.9
5°	2.3	2.3	2.2	2.2	2.1	2.0	2.0	1.9	1.8	1.8	1.7
7.5°	3.4	3.3	3.2	3.2	3.1	3.0	2.9	2.8	2.6	2.5	2.4
10°	4.5	4.4	4.2	4.1	4.0	3.8	3.7	3.6	3.4	3.3	3.1
12.5°	5.5	5.3	5.2	5.0	4.8	4.7	4.5	4.3	4.2	4.0	3.8
15°	6.5	6.3	6.1	5.9	5.6	5.5	5.3	5.2	5.0	4.8	4.6
17.5°	7.4	7.2	6.9	6.7	6.6	6.4	6.2	6.1	5.9	5.6	5.4
20°	8.3	8.0	7.9	7.7	7.5	7.4	7.2	6.9	6.7	6.4	6.0
22.5°	9.2	9.0	8.9	8.7	8.5	8.3	8.1	7.7	7.3	6.9	6.7
25°	11.4	10.8	10.3	9.7	9.5	9.1	8.7	8.3	8.0	7.8	7.5
27.5°	14.8	14.0	13.3	12.5	11.6	10.6	9.8	9.2	8.9	8.4	7.9
30°	18.0	17.0	16.0	14.8	13.7	12.7	11.8	11.0	10.0	9.1	8.5
32.5°	20.9	19.6	18.3	16.9	15.6	14.6	13.5	12.3	11.3	10.5	9.8
35°	23.6	22.0	20.3	18.8	17.4	16.1	14.7	13.5	12.6	11.7	10.6
37.5°	26.1	24.1	22.2	20.5	18.9	17.2	15.8	14.7	13.6	12.4	11.4
40°	28.4	26.0	23.9	22.0	20.1	18.3	17.0	15.7	14.3	13.2	12.3
42.5°	30.4	27.8	25.5	23.2	21.0	19.4	17.9	16.4	15.1	14.0	13.0
45°	32.3	29.5	26.8	24.3	22.1	20.4	18.7	17.1	15.9	14.7	13.6
47.5°	33.6	30.9	28.0	25.2	23.2	21.2	19.3	17.9	16.5	15.2	14.1
50°	33.9	31.4	28.9	26.6	24.4	22.0	20.1	18.5	17.0	15.7	14.6
52.5°	34.4	32.2	30.1	28.4	26.4	24.1	21.9	19.6	17.5	16.2	14.7
55°	35.2	33.4	31.9	30.6	28.7	26.4	24.0	21.6	19.4	17.2	14.9
57.5°	36.1	34.9	34.0	33.0	31.2	28.6	26.1	23.7	21.3	18.6	16.2
60°	37.2	36.7	36.5	35.5	33.6	30.9	28.2	25.6	22.8	20.0	17.4
62.5°	38.6	38.9	39.1	38.2	35.9	33.2	30.3	27.4	24.2	21.3	18.7
65°	40.4	41.3	42.1	41.1	38.3	35.4	32.4	29.1	25.7	22.6	19.8
67.5°	42.4	43.9	44.8	43.8	40.8	37.7	34.3	30.6	27.2	23.9	20.9
70°	43.4	45.5	46.9	46.2	43.2	40.0	36.3	32.2	28.6	25.1	21.8
72.5°	43.5	45.4	46.6	45.8	43.6	40.9	37.4	33.5	30.0	26.3	22.8
75°	43.4	45.2	46.3	45.7	43.9	41.4	37.8	33.9	30.3	26.7	23.5
77.5°	43.2	45.0	46.1	45.8	44.5	42.1	38.4	34.5	30.7	27.0	23.9
80°	43.0	44.7	45.9	46.1	45.1	43.0	39.1	35.2	31.2	27.4	24.5
82.5°	42.8	44.3	45.8	46.5	45.9	44.0	39.9	36.0	31.8	28.0	25.1
85°	42.5	43.9	45.6	47.0	46.8	45.1	40.8	36.9	32.5	28.6	25.8
87.5°	42.1	43.5	45.5	47.6	47.7	46.3	41.8	37.9	33.4	29.4	26.6
90°	41.8	43.0	45.3	48.1	48.7	47.6	43.0	39.0	34.4	30.4	27.5
92.5°	42.1	43.5	45.5	47.6	47.7	46.3	41.8	37.9	33.4	29.4	26.6
95°	42.5	43.9	45.6	47.0	46.8	45.1	40.8	36.9	32.5	28.6	25.8
97.5°	42.8	44.3	45.8	46.5	45.9	44.0	39.9	36.0	31.8	28.0	25.1
100°	43.0	44.7	45.9	46.1	45.1	43.0	39.1	35.2	31.2	27.4	24.5
102.5°	43.2	45.0	46.1	45.8	44.5	42.1	38.4	34.5	30.7	27.0	23.9
105°	43.4	45.2	46.3	45.7	43.9	41.4	37.8	33.9	30.3	26.7	23.5
107.5°	43.5	45.4	46.6	45.8	43.6	40.9	37.4	33.5	30.0	26.3	22.8
110°	43.4	45.5	46.9	46.2	43.2	40.0	36.3	32.2	28.6	25.1	21.8



TEST NUMBER: P231872

CATALOG NUMBER: FVS4WM-2-LD4-30-1LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	42.4	43.9	44.8	43.8	40.8	37.7	34.3	30.6	27.2	23.9	20.9
115°	40.4	41.3	42.1	41.1	38.3	35.4	32.4	29.1	25.7	22.6	19.8
117.5°	38.6	38.9	39.1	38.2	35.9	33.2	30.3	27.4	24.2	21.3	18.7
120°	37.2	36.7	36.5	35.5	33.6	30.9	28.2	25.6	22.8	20.0	17.4
122.5°	36.1	34.9	34.0	33.0	31.2	28.6	26.1	23.7	21.3	18.6	16.2
125°	35.2	33.4	31.9	30.6	28.7	26.4	24.0	21.6	19.4	17.2	14.9
127.5°	34.4	32.2	30.1	28.4	26.4	24.1	21.9	19.6	17.5	16.2	14.7
130°	33.9	31.4	28.9	26.6	24.4	22.0	20.1	18.5	17.0	15.7	14.6
132.5°	33.6	30.9	28.0	25.2	23.2	21.2	19.3	17.9	16.5	15.2	14.1
135°	32.3	29.5	26.8	24.3	22.1	20.4	18.7	17.1	15.9	14.7	13.6
137.5°	30.4	27.8	25.5	23.2	21.0	19.4	17.9	16.4	15.1	14.0	13.0
140°	28.4	26.0	23.9	22.0	20.1	18.3	17.0	15.7	14.3	13.2	12.3
142.5°	26.1	24.1	22.2	20.5	18.9	17.2	15.8	14.7	13.6	12.4	11.4
145°	23.6	22.0	20.3	18.8	17.4	16.1	14.7	13.5	12.6	11.7	10.6
147.5°	20.9	19.6	18.3	16.9	15.6	14.6	13.5	12.3	11.3	10.5	9.8
150°	18.0	17.0	16.0	14.8	13.7	12.7	11.8	11.0	10.0	9.1	8.5
152.5°	14.8	14.0	13.3	12.5	11.6	10.6	9.8	9.2	8.9	8.4	7.9
155°	11.4	10.8	10.3	9.7	9.5	9.1	8.7	8.3	8.0	7.8	7.5
157.5°	9.2	9.0	8.9	8.7	8.5	8.3	8.1	7.7	7.3	6.9	6.7
160°	8.3	8.0	7.9	7.7	7.5	7.4	7.2	6.9	6.7	6.4	6.0
162.5°	7.4	7.2	6.9	6.7	6.6	6.4	6.2	6.1	5.9	5.6	5.4
165°	6.5	6.3	6.1	5.9	5.6	5.5	5.3	5.2	5.0	4.8	4.6
167.5°	5.5	5.3	5.2	5.0	4.8	4.7	4.5	4.3	4.2	4.0	3.8
170°	4.5	4.4	4.2	4.1	4.0	3.8	3.7	3.6	3.4	3.3	3.1
172.5°	3.4	3.3	3.2	3.2	3.1	3.0	2.9	2.8	2.6	2.5	2.4
175°	2.3	2.3	2.2	2.2	2.1	2.0	2.0	1.9	1.8	1.8	1.7
177.5°	1.2	1.2	1.2	1.1	1.1	1.1	1.0	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: P231872

CATALOG NUMBER: FVS4WM-2-LD4-30-1LO-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°	0.8	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	1.4	1.3	1.3	1.2	1.1	1.0	0.9	0.8	0.7
7.5°	2.3	2.2	2.1	1.9	1.8	1.7	1.5	1.4	1.3	1.1	1.0
10°	2.9	2.8	2.6	2.5	2.3	2.2	2.0	1.8	1.7	1.5	1.3
12.5°	3.7	3.5	3.3	3.1	2.9	2.7	2.5	2.3	2.1	1.9	1.6
15°	4.4	4.2	4.0	3.8	3.5	3.3	3.0	2.7	2.5	2.2	1.9
17.5°	5.2	4.9	4.6	4.3	4.0	3.7	3.4	3.1	2.8	2.5	2.2
20°	5.7	5.4	5.1	4.8	4.5	4.2	3.9	3.5	3.2	2.8	2.5
22.5°	6.4	6.1	5.8	5.4	5.0	4.6	4.2	3.8	3.4	3.1	2.7
25°	7.0	6.6	6.1	5.7	5.4	5.0	4.6	4.3	3.8	3.4	2.9
27.5°	7.4	7.1	6.7	6.4	5.9	5.4	4.9	4.4	4.0	3.6	3.2
30°	8.1	7.8	7.2	6.7	6.1	5.7	5.3	4.9	4.4	4.0	3.5
32.5°	8.9	8.1	7.5	7.1	6.7	6.3	5.8	5.4	4.9	4.4	3.9
35°	9.7	9.0	8.3	7.8	7.3	6.9	6.4	5.9	5.3	4.8	4.2
37.5°	10.6	9.9	9.2	8.6	8.0	7.5	6.9	6.4	5.8	5.2	4.6
40°	11.4	10.6	9.9	9.3	8.7	8.1	7.5	6.9	6.3	5.7	5.0
42.5°	12.1	11.3	10.6	9.8	9.2	8.6	8.1	7.5	6.6	5.8	5.1
45°	12.7	11.8	10.9	10.2	9.5	8.9	8.2	7.5	6.9	6.2	5.5
47.5°	13.1	12.1	11.1	10.3	9.5	8.7	8.2	7.8	7.3	6.5	5.6
50°	13.3	12.2	11.1	10.2	9.4	8.8	8.3	7.7	7.2	6.6	5.6
52.5°	13.3	12.1	11.1	10.2	9.5	8.7	8.0	7.5	6.9	6.5	6.0
55°	13.2	12.0	11.0	10.1	9.3	8.5	7.9	7.4	7.0	6.6	6.0
57.5°	14.0	12.1	10.9	9.9	9.0	8.4	7.9	7.4	6.9	6.3	5.8
60°	15.2	13.2	11.3	9.6	9.1	8.5	7.9	7.3	6.7	6.1	5.5
62.5°	16.3	14.1	12.1	10.6	9.3	8.4	7.8	7.2	6.6	5.9	5.3
65°	17.2	15.0	13.0	11.4	10.1	8.8	7.7	7.1	6.5	5.8	5.1
67.5°	18.1	15.9	13.8	12.2	10.7	9.3	8.1	7.1	6.4	5.7	5.0
70°	19.2	16.7	14.6	12.9	11.1	9.7	8.5	7.4	6.4	5.6	4.7
72.5°	20.2	17.4	15.4	13.4	11.5	10.0	8.7	7.4	6.5	5.4	4.3
75°	21.0	18.1	16.2	13.8	11.9	10.3	8.8	7.5	6.4	5.0	3.8
77.5°	21.2	18.5	16.4	14.2	12.3	10.5	8.8	7.6	6.1	4.6	3.5
80°	21.5	18.9	16.6	14.4	12.4	10.6	8.9	7.5	5.8	4.2	3.3
82.5°	21.9	19.4	17.0	14.7	12.6	10.6	8.9	7.3	5.5	4.0	2.7
85°	22.5	19.9	17.5	15.0	12.9	10.8	8.9	7.2	5.3	3.7	2.2
87.5°	23.2	20.5	18.1	15.4	13.3	11.1	9.0	7.2	5.1	3.5	1.8
90°	24.1	21.2	18.9	16.0	13.8	11.5	9.2	7.4	5.2	3.4	1.7
92.5°	23.2	20.5	18.1	15.4	13.3	11.1	9.0	7.2	5.1	3.5	1.8
95°	22.5	19.9	17.5	15.0	12.9	10.8	8.9	7.2	5.3	3.7	2.2
97.5°	21.9	19.4	17.0	14.7	12.6	10.6	8.9	7.3	5.5	4.0	2.7
100°	21.5	18.9	16.6	14.4	12.4	10.6	8.9	7.5	5.8	4.2	3.3
102.5°	21.2	18.5	16.4	14.2	12.3	10.5	8.8	7.6	6.1	4.6	3.5
105°	21.0	18.1	16.2	13.8	11.9	10.3	8.8	7.5	6.4	5.0	3.8
107.5°	20.2	17.4	15.4	13.4	11.5	10.0	8.7	7.4	6.5	5.4	4.3
110°	19.2	16.7	14.6	12.9	11.1	9.7	8.5	7.4	6.4	5.6	4.7



TEST NUMBER: P231872

CATALOG NUMBER: FVS4WM-2-LD4-30-1LO-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°	18.1	15.9	13.8	12.2	10.7	9.3	8.1	7.1	6.4	5.7	5.0
115°	17.2	15.0	13.0	11.4	10.1	8.8	7.7	7.1	6.5	5.8	5.1
117.5°	16.3	14.1	12.1	10.6	9.3	8.4	7.8	7.2	6.6	5.9	5.3
120°	15.2	13.2	11.3	9.6	9.1	8.5	7.9	7.3	6.7	6.1	5.5
122.5°	14.0	12.1	10.9	9.9	9.0	8.4	7.9	7.4	6.9	6.3	5.8
125°	13.2	12.0	11.0	10.1	9.3	8.5	7.9	7.4	7.0	6.6	6.0
127.5°	13.3	12.1	11.1	10.2	9.5	8.7	8.0	7.5	6.9	6.5	6.0
130°	13.3	12.2	11.1	10.2	9.4	8.8	8.3	7.7	7.2	6.6	5.6
132.5°	13.1	12.1	11.1	10.3	9.5	8.7	8.2	7.8	7.3	6.5	5.6
135°	12.7	11.8	10.9	10.2	9.5	8.9	8.2	7.5	6.9	6.2	5.5
137.5°	12.1	11.3	10.6	9.8	9.2	8.6	8.1	7.5	6.6	5.8	5.1
140°	11.4	10.6	9.9	9.3	8.7	8.1	7.5	6.9	6.3	5.7	5.0
142.5°	10.6	9.9	9.2	8.6	8.0	7.5	6.9	6.4	5.8	5.2	4.6
145°	9.7	9.0	8.3	7.8	7.3	6.9	6.4	5.9	5.3	4.8	4.2
147.5°	8.9	8.1	7.5	7.1	6.7	6.3	5.8	5.4	4.9	4.4	3.9
150°	8.1	7.8	7.2	6.7	6.1	5.7	5.3	4.9	4.4	4.0	3.5
152.5°	7.4	7.1	6.7	6.4	5.9	5.4	4.9	4.4	4.0	3.6	3.2
155°	7.0	6.6	6.1	5.7	5.4	5.0	4.6	4.3	3.8	3.4	2.9
157.5°	6.4	6.1	5.8	5.4	5.0	4.6	4.2	3.8	3.4	3.1	2.7
160°	5.7	5.4	5.1	4.8	4.5	4.2	3.9	3.5	3.2	2.8	2.5
162.5°	5.2	4.9	4.6	4.3	4.0	3.7	3.4	3.1	2.8	2.5	2.2
165°	4.4	4.2	4.0	3.8	3.5	3.3	3.0	2.7	2.5	2.2	1.9
167.5°	3.7	3.5	3.3	3.1	2.9	2.7	2.5	2.3	2.1	1.9	1.6
170°	2.9	2.8	2.6	2.5	2.3	2.2	2.0	1.8	1.7	1.5	1.3
172.5°	2.3	2.2	2.1	1.9	1.8	1.7	1.5	1.4	1.3	1.1	1.0
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	0.8	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: P231872

CATALOG NUMBER: FVS4WM-2-LD4-30-1LO-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°	0.8	0.7	0.6	0.4	0.3	0.1	0.0	0.1	0.3	0.4	0.6
10°	1.1	0.9	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°	1.6	1.4	1.1	0.8	0.5	0.3	0.0	0.3	0.5	0.8	1.1
17.5°	1.9	1.6	1.3	1.0	0.6	0.3	0.0	0.3	0.6	1.0	1.3
20°	2.1	1.7	1.4	1.0	0.7	0.3	0.0	0.3	0.7	1.0	1.4
22.5°	2.3	2.0	1.6	1.2	0.8	0.4	0.0	0.4	0.8	1.2	1.6
25°	2.5	2.1	1.7	1.2	0.8	0.4	0.0	0.4	0.8	1.2	1.7
27.5°	2.7	2.3	1.8	1.4	0.9	0.5	0.0	0.5	0.9	1.4	1.8
30°	3.0	2.5	2.0	1.5	1.0	0.5	0.0	0.5	1.0	1.5	2.0
32.5°	3.3	2.8	2.2	1.7	1.1	0.6	0.0	0.6	1.1	1.7	2.2
35°	3.7	3.1	2.5	1.9	1.2	0.6	0.0	0.6	1.2	1.9	2.5
37.5°	4.0	3.4	2.7	2.0	1.4	0.7	0.0	0.7	1.4	2.0	2.7
40°	4.2	3.5	2.8	2.1	1.4	0.7	0.0	0.7	1.4	2.1	2.8
42.5°	4.4	3.7	3.0	2.2	1.5	0.8	0.0	0.8	1.5	2.2	3.0
45°	4.7	3.9	3.1	2.3	1.5	0.8	0.0	0.8	1.5	2.3	3.1
47.5°	4.8	3.9	3.1	2.3	1.5	0.8	0.0	0.8	1.5	2.3	3.1
50°	4.8	4.0	3.3	2.5	1.7	0.8	0.0	0.8	1.7	2.5	3.3
52.5°	5.2	4.3	3.4	2.5	1.7	0.8	0.0	0.8	1.7	2.5	3.4
55°	5.2	4.3	3.4	2.5	1.7	0.8	0.0	0.8	1.7	2.5	3.4
57.5°	5.2	4.3	3.3	2.5	1.6	0.8	0.0	0.8	1.6	2.5	3.3
60°	4.9	4.2	3.2	2.4	1.6	0.8	0.0	0.8	1.6	2.4	3.2
62.5°	4.7	4.0	3.1	2.3	1.5	0.7	0.0	0.7	1.5	2.3	3.1
65°	4.4	3.7	3.0	2.2	1.4	0.7	0.0	0.7	1.4	2.2	3.0
67.5°	4.2	3.4	2.8	2.0	1.3	0.6	0.0	0.6	1.3	2.0	2.8
70°	3.8	3.0	2.4	1.8	1.1	0.5	0.0	0.5	1.1	1.8	2.4
72.5°	3.3	2.6	2.1	1.5	0.9	0.4	0.0	0.4	0.9	1.5	2.1
75°	3.1	2.3	1.5	1.0	0.6	0.3	0.0	0.3	0.6	1.0	1.5
77.5°	2.7	1.7	1.2	0.6	0.2	0.0	0.0	0.0	0.2	0.6	1.2
80°	2.0	1.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7
82.5°	1.4	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.9	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°	0.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	1.4	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	2.0	1.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7
102.5°	2.7	1.7	1.2	0.6	0.2	0.0	0.0	0.0	0.2	0.6	1.2
105°	3.1	2.3	1.5	1.0	0.6	0.3	0.0	0.3	0.6	1.0	1.5
107.5°	3.3	2.6	2.1	1.5	0.9	0.4	0.0	0.4	0.9	1.5	2.1
110°	3.8	3.0	2.4	1.8	1.1	0.5	0.0	0.5	1.1	1.8	2.4



TEST NUMBER: P231872

CATALOG NUMBER: FVS4WM-2-LD4-30-1LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	4.2	3.4	2.8	2.0	1.3	0.6	0.0	0.6	1.3	2.0	2.8
115°	4.4	3.7	3.0	2.2	1.4	0.7	0.0	0.7	1.4	2.2	3.0
117.5°	4.7	4.0	3.1	2.3	1.5	0.7	0.0	0.7	1.5	2.3	3.1
120°	4.9	4.2	3.2	2.4	1.6	0.8	0.0	0.8	1.6	2.4	3.2
122.5°	5.2	4.3	3.3	2.5	1.6	0.8	0.0	0.8	1.6	2.5	3.3
125°	5.2	4.3	3.4	2.5	1.7	0.8	0.0	0.8	1.7	2.5	3.4
127.5°	5.2	4.3	3.4	2.5	1.7	0.8	0.0	0.8	1.7	2.5	3.4
130°	4.8	4.0	3.3	2.5	1.7	0.8	0.0	0.8	1.7	2.5	3.3
132.5°	4.8	3.9	3.1	2.3	1.5	0.8	0.0	0.8	1.5	2.3	3.1
135°	4.7	3.9	3.1	2.3	1.5	0.8	0.0	0.8	1.5	2.3	3.1
137.5°	4.4	3.7	3.0	2.2	1.5	0.8	0.0	0.8	1.5	2.2	3.0
140°	4.2	3.5	2.8	2.1	1.4	0.7	0.0	0.7	1.4	2.1	2.8
142.5°	4.0	3.4	2.7	2.0	1.4	0.7	0.0	0.7	1.4	2.0	2.7
145°	3.7	3.1	2.5	1.9	1.2	0.6	0.0	0.6	1.2	1.9	2.5
147.5°	3.3	2.8	2.2	1.7	1.1	0.6	0.0	0.6	1.1	1.7	2.2
150°	3.0	2.5	2.0	1.5	1.0	0.5	0.0	0.5	1.0	1.5	2.0
152.5°	2.7	2.3	1.8	1.4	0.9	0.5	0.0	0.5	0.9	1.4	1.8
155°	2.5	2.1	1.7	1.2	0.8	0.4	0.0	0.4	0.8	1.2	1.7
157.5°	2.3	2.0	1.6	1.2	0.8	0.4	0.0	0.4	0.8	1.2	1.6
160°	2.1	1.7	1.4	1.0	0.7	0.3	0.0	0.3	0.7	1.0	1.4
162.5°	1.9	1.6	1.3	1.0	0.6	0.3	0.0	0.3	0.6	1.0	1.3
165°	1.6	1.4	1.1	0.8	0.5	0.3	0.0	0.3	0.5	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	0.9	0.8	0.6	0.4	0.2	0.0	0.2	0.4	0.6	0.8
172.5°	0.8	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: P231872

CATALOG NUMBER: FVS4WM-2-LD4-30-1LO-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	1.3	1.4
7.5°	0.7	0.8	1.0	1.1	1.3	1.4	1.5	1.7	1.8	1.9	2.1
10°	0.9	1.1	1.3	1.5	1.7	1.8	2.0	2.2	2.3	2.5	2.6
12.5°	1.2	1.4	1.6	1.9	2.1	2.3	2.5	2.7	2.9	3.1	3.3
15°	1.4	1.6	1.9	2.2	2.5	2.7	3.0	3.3	3.5	3.8	4.0
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°	1.7	2.1	2.5	2.8	3.2	3.5	3.9	4.2	4.5	4.8	5.1
22.5°	2.0	2.3	2.7	3.1	3.4	3.8	4.2	4.6	5.0	5.4	5.8
25°	2.1	2.5	2.9	3.4	3.8	4.3	4.6	5.0	5.4	5.7	6.1
27.5°	2.3	2.7	3.2	3.6	4.0	4.4	4.9	5.4	5.9	6.4	6.7
30°	2.5	3.0	3.5	4.0	4.4	4.9	5.3	5.7	6.1	6.7	7.2
32.5°	2.8	3.3	3.9	4.4	4.9	5.4	5.8	6.3	6.7	7.1	7.5
35°	3.1	3.7	4.2	4.8	5.3	5.9	6.4	6.9	7.3	7.8	8.3
37.5°	3.4	4.0	4.6	5.2	5.8	6.4	6.9	7.5	8.0	8.6	9.2
40°	3.5	4.2	5.0	5.7	6.3	6.9	7.5	8.1	8.7	9.3	9.9
42.5°	3.7	4.4	5.1	5.8	6.6	7.5	8.1	8.6	9.2	9.8	10.6
45°	3.9	4.7	5.5	6.2	6.9	7.5	8.2	8.9	9.5	10.2	10.9
47.5°	3.9	4.8	5.6	6.5	7.3	7.8	8.2	8.7	9.5	10.3	11.1
50°	4.0	4.8	5.6	6.6	7.2	7.7	8.3	8.8	9.4	10.2	11.1
52.5°	4.3	5.2	6.0	6.5	6.9	7.5	8.0	8.7	9.5	10.2	11.1
55°	4.3	5.2	6.0	6.6	7.0	7.4	7.9	8.5	9.3	10.1	11.0
57.5°	4.3	5.2	5.8	6.3	6.9	7.4	7.9	8.4	9.0	9.9	10.9
60°	4.2	4.9	5.5	6.1	6.7	7.3	7.9	8.5	9.1	9.6	11.3
62.5°	4.0	4.7	5.3	5.9	6.6	7.2	7.8	8.4	9.3	10.6	12.1
65°	3.7	4.4	5.1	5.8	6.5	7.1	7.7	8.8	10.1	11.4	13.0
67.5°	3.4	4.2	5.0	5.7	6.4	7.1	8.1	9.3	10.7	12.2	13.8
70°	3.0	3.8	4.7	5.6	6.4	7.4	8.5	9.7	11.1	12.9	14.6
72.5°	2.6	3.3	4.3	5.4	6.5	7.4	8.7	10.0	11.5	13.4	15.4
75°	2.3	3.1	3.8	5.0	6.4	7.5	8.8	10.3	11.9	13.8	16.2
77.5°	1.7	2.7	3.5	4.6	6.1	7.6	8.8	10.5	12.3	14.2	16.4
80°	1.2	2.0	3.3	4.2	5.8	7.5	8.9	10.6	12.4	14.4	16.6
82.5°	0.7	1.4	2.7	4.0	5.5	7.3	8.9	10.6	12.6	14.7	17.0
85°	0.2	0.9	2.2	3.7	5.3	7.2	8.9	10.8	12.9	15.0	17.5
87.5°	0.1	0.7	1.8	3.5	5.1	7.2	9.0	11.1	13.3	15.4	18.1
90°	0.0	0.6	1.7	3.4	5.2	7.4	9.2	11.5	13.8	16.0	18.9
92.5°	0.1	0.7	1.8	3.5	5.1	7.2	9.0	11.1	13.3	15.4	18.1
95°	0.2	0.9	2.2	3.7	5.3	7.2	8.9	10.8	12.9	15.0	17.5
97.5°	0.7	1.4	2.7	4.0	5.5	7.3	8.9	10.6	12.6	14.7	17.0
100°	1.2	2.0	3.3	4.2	5.8	7.5	8.9	10.6	12.4	14.4	16.6
102.5°	1.7	2.7	3.5	4.6	6.1	7.6	8.8	10.5	12.3	14.2	16.4
105°	2.3	3.1	3.8	5.0	6.4	7.5	8.8	10.3	11.9	13.8	16.2
107.5°	2.6	3.3	4.3	5.4	6.5	7.4	8.7	10.0	11.5	13.4	15.4
110°	3.0	3.8	4.7	5.6	6.4	7.4	8.5	9.7	11.1	12.9	14.6



TEST NUMBER: P231872

CATALOG NUMBER: FVS4WM-2-LD4-30-1LO-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°	3.4	4.2	5.0	5.7	6.4	7.1	8.1	9.3	10.7	12.2	13.8
115°	3.7	4.4	5.1	5.8	6.5	7.1	7.7	8.8	10.1	11.4	13.0
117.5°	4.0	4.7	5.3	5.9	6.6	7.2	7.8	8.4	9.3	10.6	12.1
120°	4.2	4.9	5.5	6.1	6.7	7.3	7.9	8.5	9.1	9.6	11.3
122.5°	4.3	5.2	5.8	6.3	6.9	7.4	7.9	8.4	9.0	9.9	10.9
125°	4.3	5.2	6.0	6.6	7.0	7.4	7.9	8.5	9.3	10.1	11.0
127.5°	4.3	5.2	6.0	6.5	6.9	7.5	8.0	8.7	9.5	10.2	11.1
130°	4.0	4.8	5.6	6.6	7.2	7.7	8.3	8.8	9.4	10.2	11.1
132.5°	3.9	4.8	5.6	6.5	7.3	7.8	8.2	8.7	9.5	10.3	11.1
135°	3.9	4.7	5.5	6.2	6.9	7.5	8.2	8.9	9.5	10.2	10.9
137.5°	3.7	4.4	5.1	5.8	6.6	7.5	8.1	8.6	9.2	9.8	10.6
140°	3.5	4.2	5.0	5.7	6.3	6.9	7.5	8.1	8.7	9.3	9.9
142.5°	3.4	4.0	4.6	5.2	5.8	6.4	6.9	7.5	8.0	8.6	9.2
145°	3.1	3.7	4.2	4.8	5.3	5.9	6.4	6.9	7.3	7.8	8.3
147.5°	2.8	3.3	3.9	4.4	4.9	5.4	5.8	6.3	6.7	7.1	7.5
150°	2.5	3.0	3.5	4.0	4.4	4.9	5.3	5.7	6.1	6.7	7.2
152.5°	2.3	2.7	3.2	3.6	4.0	4.4	4.9	5.4	5.9	6.4	6.7
155°	2.1	2.5	2.9	3.4	3.8	4.3	4.6	5.0	5.4	5.7	6.1
157.5°	2.0	2.3	2.7	3.1	3.4	3.8	4.2	4.6	5.0	5.4	5.8
160°	1.7	2.1	2.5	2.8	3.2	3.5	3.9	4.2	4.5	4.8	5.1
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	1.6	1.9	2.2	2.5	2.7	3.0	3.3	3.5	3.8	4.0
167.5°	1.2	1.4	1.6	1.9	2.1	2.3	2.5	2.7	2.9	3.1	3.3
170°	0.9	1.1	1.3	1.5	1.7	1.8	2.0	2.2	2.3	2.5	2.6
172.5°	0.7	0.8	1.0	1.1	1.3	1.4	1.5	1.7	1.8	1.9	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	0.5	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: P231872

CATALOG NUMBER: FVS4WM-2-LD4-30-1LO-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	0.8	0.9	0.9	1.0	1.0	1.0	1.1	1.1	1.1	1.2
5°	1.5	1.6	1.7	1.8	1.8	1.9	2.0	2.0	2.1	2.2	2.2
7.5°	2.2	2.3	2.4	2.5	2.6	2.8	2.9	3.0	3.1	3.2	3.2
10°	2.8	2.9	3.1	3.3	3.4	3.6	3.7	3.8	4.0	4.1	4.2
12.5°	3.5	3.7	3.8	4.0	4.2	4.3	4.5	4.7	4.8	5.0	5.2
15°	4.2	4.4	4.6	4.8	5.0	5.2	5.3	5.5	5.6	5.9	6.1
17.5°	4.9	5.2	5.4	5.6	5.9	6.1	6.2	6.4	6.6	6.7	6.9
20°	5.4	5.7	6.0	6.4	6.7	6.9	7.2	7.4	7.5	7.7	7.9
22.5°	6.1	6.4	6.7	6.9	7.3	7.7	8.1	8.3	8.5	8.7	8.9
25°	6.6	7.0	7.5	7.8	8.0	8.3	8.7	9.1	9.5	9.7	10.3
27.5°	7.1	7.4	7.9	8.4	8.9	9.2	9.8	10.6	11.6	12.5	13.3
30°	7.8	8.1	8.5	9.1	10.0	11.0	11.8	12.7	13.7	14.8	16.0
32.5°	8.1	8.9	9.8	10.5	11.3	12.3	13.5	14.6	15.6	16.9	18.3
35°	9.0	9.7	10.6	11.7	12.6	13.5	14.7	16.1	17.4	18.8	20.3
37.5°	9.9	10.6	11.4	12.4	13.6	14.7	15.8	17.2	18.9	20.5	22.2
40°	10.6	11.4	12.3	13.2	14.3	15.7	17.0	18.3	20.1	22.0	23.9
42.5°	11.3	12.1	13.0	14.0	15.1	16.4	17.9	19.4	21.0	23.2	25.5
45°	11.8	12.7	13.6	14.7	15.9	17.1	18.7	20.4	22.1	24.3	26.8
47.5°	12.1	13.1	14.1	15.2	16.5	17.9	19.3	21.2	23.2	25.2	28.0
50°	12.2	13.3	14.6	15.7	17.0	18.5	20.1	22.0	24.4	26.6	28.9
52.5°	12.1	13.3	14.7	16.2	17.5	19.6	21.9	24.1	26.4	28.4	30.1
55°	12.0	13.2	14.9	17.2	19.4	21.6	24.0	26.4	28.7	30.6	31.9
57.5°	12.1	14.0	16.2	18.6	21.3	23.7	26.1	28.6	31.2	33.0	34.0
60°	13.2	15.2	17.4	20.0	22.8	25.6	28.2	30.9	33.6	35.5	36.5
62.5°	14.1	16.3	18.7	21.3	24.2	27.4	30.3	33.2	35.9	38.2	39.1
65°	15.0	17.2	19.8	22.6	25.7	29.1	32.4	35.4	38.3	41.1	42.1
67.5°	15.9	18.1	20.9	23.9	27.2	30.6	34.3	37.7	40.8	43.8	44.8
70°	16.7	19.2	21.8	25.1	28.6	32.2	36.3	40.0	43.2	46.2	46.9
72.5°	17.4	20.2	22.8	26.3	30.0	33.5	37.4	40.9	43.6	45.8	46.6
75°	18.1	21.0	23.5	26.7	30.3	33.9	37.8	41.4	43.9	45.7	46.3
77.5°	18.5	21.2	23.9	27.0	30.7	34.5	38.4	42.1	44.5	45.8	46.1
80°	18.9	21.5	24.5	27.4	31.2	35.2	39.1	43.0	45.1	46.1	45.9
82.5°	19.4	21.9	25.1	28.0	31.8	36.0	39.9	44.0	45.9	46.5	45.8
85°	19.9	22.5	25.8	28.6	32.5	36.9	40.8	45.1	46.8	47.0	45.6
87.5°	20.5	23.2	26.6	29.4	33.4	37.9	41.8	46.3	47.7	47.6	45.5
90°	21.2	24.1	27.5	30.4	34.4	39.0	43.0	47.6	48.7	48.1	45.3
92.5°	20.5	23.2	26.6	29.4	33.4	37.9	41.8	46.3	47.7	47.6	45.5
95°	19.9	22.5	25.8	28.6	32.5	36.9	40.8	45.1	46.8	47.0	45.6
97.5°	19.4	21.9	25.1	28.0	31.8	36.0	39.9	44.0	45.9	46.5	45.8
100°	18.9	21.5	24.5	27.4	31.2	35.2	39.1	43.0	45.1	46.1	45.9
102.5°	18.5	21.2	23.9	27.0	30.7	34.5	38.4	42.1	44.5	45.8	46.1
105°	18.1	21.0	23.5	26.7	30.3	33.9	37.8	41.4	43.9	45.7	46.3
107.5°	17.4	20.2	22.8	26.3	30.0	33.5	37.4	40.9	43.6	45.8	46.6
110°	16.7	19.2	21.8	25.1	28.6	32.2	36.3	40.0	43.2	46.2	46.9



TEST NUMBER: P231872

CATALOG NUMBER: FVS4WM-2-LD4-30-1LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	15.9	18.1	20.9	23.9	27.2	30.6	34.3	37.7	40.8	43.8	44.8
115°	15.0	17.2	19.8	22.6	25.7	29.1	32.4	35.4	38.3	41.1	42.1
117.5°	14.1	16.3	18.7	21.3	24.2	27.4	30.3	33.2	35.9	38.2	39.1
120°	13.2	15.2	17.4	20.0	22.8	25.6	28.2	30.9	33.6	35.5	36.5
122.5°	12.1	14.0	16.2	18.6	21.3	23.7	26.1	28.6	31.2	33.0	34.0
125°	12.0	13.2	14.9	17.2	19.4	21.6	24.0	26.4	28.7	30.6	31.9
127.5°	12.1	13.3	14.7	16.2	17.5	19.6	21.9	24.1	26.4	28.4	30.1
130°	12.2	13.3	14.6	15.7	17.0	18.5	20.1	22.0	24.4	26.6	28.9
132.5°	12.1	13.1	14.1	15.2	16.5	17.9	19.3	21.2	23.2	25.2	28.0
135°	11.8	12.7	13.6	14.7	15.9	17.1	18.7	20.4	22.1	24.3	26.8
137.5°	11.3	12.1	13.0	14.0	15.1	16.4	17.9	19.4	21.0	23.2	25.5
140°	10.6	11.4	12.3	13.2	14.3	15.7	17.0	18.3	20.1	22.0	23.9
142.5°	9.9	10.6	11.4	12.4	13.6	14.7	15.8	17.2	18.9	20.5	22.2
145°	9.0	9.7	10.6	11.7	12.6	13.5	14.7	16.1	17.4	18.8	20.3
147.5°	8.1	8.9	9.8	10.5	11.3	12.3	13.5	14.6	15.6	16.9	18.3
150°	7.8	8.1	8.5	9.1	10.0	11.0	11.8	12.7	13.7	14.8	16.0
152.5°	7.1	7.4	7.9	8.4	8.9	9.2	9.8	10.6	11.6	12.5	13.3
155°	6.6	7.0	7.5	7.8	8.0	8.3	8.7	9.1	9.5	9.7	10.3
157.5°	6.1	6.4	6.7	6.9	7.3	7.7	8.1	8.3	8.5	8.7	8.9
160°	5.4	5.7	6.0	6.4	6.7	6.9	7.2	7.4	7.5	7.7	7.9
162.5°	4.9	5.2	5.4	5.6	5.9	6.1	6.2	6.4	6.6	6.7	6.9
165°	4.2	4.4	4.6	4.8	5.0	5.2	5.3	5.5	5.6	5.9	6.1
167.5°	3.5	3.7	3.8	4.0	4.2	4.3	4.5	4.7	4.8	5.0	5.2
170°	2.8	2.9	3.1	3.3	3.4	3.6	3.7	3.8	4.0	4.1	4.2
172.5°	2.2	2.3	2.4	2.5	2.6	2.8	2.9	3.0	3.1	3.2	3.2
175°	1.5	1.6	1.7	1.8	1.8	1.9	2.0	2.0	2.1	2.2	2.2
177.5°	0.8	0.8	0.9	0.9	1.0	1.0	1.0	1.1	1.1	1.1	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: P231872

CATALOG NUMBER: FVS4WM-2-LD4-30-1LO-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	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.5
5°	2.3	2.3	2.4	2.5	2.5	2.5	2.6	2.6	2.6	2.7	3.0
7.5°	3.3	3.4	3.5	3.6	3.7	3.8	3.8	3.9	3.9	4.0	4.5
10°	4.4	4.5	4.6	4.7	4.8	4.9	5.0	5.1	5.2	5.3	6.0
12.5°	5.3	5.5	5.6	5.8	5.9	6.0	6.2	6.4	6.5	6.7	7.5
15°	6.3	6.5	6.6	6.8	7.0	7.2	7.4	7.6	7.8	8.0	9.0
17.5°	7.2	7.4	7.6	7.9	8.1	8.3	8.5	8.8	9.1	9.3	10.5
20°	8.0	8.3	8.6	8.9	9.1	9.4	9.6	10.0	10.3	10.7	11.9
22.5°	9.0	9.2	9.5	9.8	10.1	10.4	10.7	11.1	11.6	12.0	13.3
25°	10.8	11.4	12.0	12.6	13.2	13.7	14.1	14.5	15.0	15.4	16.8
27.5°	14.0	14.8	15.6	16.2	16.8	17.3	17.7	18.0	18.4	18.8	20.2
30°	17.0	18.0	19.0	19.9	20.5	21.0	21.3	21.5	21.8	22.1	23.7
32.5°	19.6	20.9	22.2	23.4	24.2	24.7	24.9	25.0	25.3	25.5	27.1
35°	22.0	23.6	25.2	26.7	27.9	28.4	28.6	28.6	28.8	28.9	30.5
37.5°	24.1	26.1	28.0	29.8	31.6	32.1	32.4	32.3	32.3	32.3	33.9
40°	26.0	28.4	30.7	32.9	34.9	35.9	36.2	35.9	35.7	35.6	37.3
42.5°	27.8	30.4	33.1	35.9	38.2	39.6	40.0	39.6	39.3	39.0	40.6
45°	29.5	32.3	35.4	38.5	41.3	43.4	43.7	43.3	42.8	42.4	44.0
47.5°	30.9	33.6	36.7	39.6	42.4	44.9	45.4	45.5	45.7	46.3	49.1
50°	31.4	33.9	36.8	39.8	42.7	45.5	46.7	47.5	48.5	50.2	54.2
52.5°	32.2	34.4	37.1	40.1	43.0	46.0	47.8	49.4	51.3	54.1	59.5
55°	33.4	35.2	37.5	40.5	43.3	46.5	48.9	51.2	54.0	58.0	64.8
57.5°	34.9	36.1	38.0	41.0	43.7	46.9	50.0	52.9	56.7	61.8	70.2
60°	36.7	37.2	38.7	41.5	44.2	47.4	50.9	54.6	59.2	65.7	75.6
62.5°	38.9	38.6	39.6	42.1	44.7	47.9	51.8	56.1	61.8	69.6	81.1
65°	41.3	40.4	40.7	42.7	45.3	48.4	52.6	57.6	64.3	73.5	86.6
67.5°	43.9	42.4	41.9	43.5	46.0	48.9	53.4	59.1	66.8	77.4	92.1
70°	45.5	43.4	42.4	43.4	45.9	48.6	52.9	58.6	66.3	77.1	92.0
72.5°	45.4	43.5	42.3	43.1	45.5	48.2	52.3	58.1	65.8	76.9	91.8
75°	45.2	43.4	42.3	42.9	45.2	47.9	51.8	57.7	65.3	76.6	92.1
77.5°	45.0	43.2	42.2	42.7	44.9	47.7	51.3	57.3	64.9	76.4	91.6
80°	44.7	43.0	42.1	42.6	44.6	47.5	50.8	56.9	64.5	76.1	91.2
82.5°	44.3	42.8	42.0	42.5	44.3	47.3	50.4	56.5	64.1	75.9	90.7
85°	43.9	42.5	42.0	42.4	44.0	47.2	50.0	56.2	63.7	75.6	90.3
87.5°	43.5	42.1	41.9	42.4	43.8	47.1	49.6	55.9	63.3	75.4	89.8
90°	43.0	41.8	41.8	42.4	43.6	47.0	49.3	55.6	63.0	75.1	89.4
92.5°	43.5	42.1	41.9	42.4	43.8	47.1	49.6	55.9	63.3	75.4	89.8
95°	43.9	42.5	42.0	42.4	44.0	47.2	50.0	56.2	63.7	75.6	90.3
97.5°	44.3	42.8	42.0	42.5	44.3	47.3	50.4	56.5	64.1	75.9	90.7
100°	44.7	43.0	42.1	42.6	44.6	47.5	50.8	56.9	64.5	76.1	91.2
102.5°	45.0	43.2	42.2	42.7	44.9	47.7	51.3	57.3	64.9	76.4	91.6
105°	45.2	43.4	42.3	42.9	45.2	47.9	51.8	57.7	65.3	76.6	92.1
107.5°	45.4	43.5	42.3	43.1	45.5	48.2	52.3	58.1	65.8	76.9	91.8
110°	45.5	43.4	42.4	43.4	45.9	48.6	52.9	58.6	66.3	77.1	92.0



TEST NUMBER: P231872

CATALOG NUMBER: FVS4WM-2-LD4-30-1LO-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°	43.9	42.4	41.9	43.5	46.0	48.9	53.4	59.1	66.8	77.4	92.1
115°	41.3	40.4	40.7	42.7	45.3	48.4	52.6	57.6	64.3	73.5	86.6
117.5°	38.9	38.6	39.6	42.1	44.7	47.9	51.8	56.1	61.8	69.6	81.1
120°	36.7	37.2	38.7	41.5	44.2	47.4	50.9	54.6	59.2	65.7	75.6
122.5°	34.9	36.1	38.0	41.0	43.7	46.9	50.0	52.9	56.7	61.8	70.2
125°	33.4	35.2	37.5	40.5	43.3	46.5	48.9	51.2	54.0	58.0	64.8
127.5°	32.2	34.4	37.1	40.1	43.0	46.0	47.8	49.4	51.3	54.1	59.5
130°	31.4	33.9	36.8	39.8	42.7	45.5	46.7	47.5	48.5	50.2	54.2
132.5°	30.9	33.6	36.7	39.6	42.4	44.9	45.4	45.5	45.7	46.3	49.1
135°	29.5	32.3	35.4	38.5	41.3	43.4	43.7	43.3	42.8	42.4	44.0
137.5°	27.8	30.4	33.1	35.9	38.2	39.6	40.0	39.6	39.3	39.0	40.6
140°	26.0	28.4	30.7	32.9	34.9	35.9	36.2	35.9	35.7	35.6	37.3
142.5°	24.1	26.1	28.0	29.8	31.6	32.1	32.4	32.3	32.3	32.3	33.9
145°	22.0	23.6	25.2	26.7	27.9	28.4	28.6	28.6	28.8	28.9	30.5
147.5°	19.6	20.9	22.2	23.4	24.2	24.7	24.9	25.0	25.3	25.5	27.1
150°	17.0	18.0	19.0	19.9	20.5	21.0	21.3	21.5	21.8	22.1	23.7
152.5°	14.0	14.8	15.6	16.2	16.8	17.3	17.7	18.0	18.4	18.8	20.2
155°	10.8	11.4	12.0	12.6	13.2	13.7	14.1	14.5	15.0	15.4	16.8
157.5°	9.0	9.2	9.5	9.8	10.1	10.4	10.7	11.1	11.6	12.0	13.3
160°	8.0	8.3	8.6	8.9	9.1	9.4	9.6	10.0	10.3	10.7	11.9
162.5°	7.2	7.4	7.6	7.9	8.1	8.3	8.5	8.8	9.1	9.3	10.5
165°	6.3	6.5	6.6	6.8	7.0	7.2	7.4	7.6	7.8	8.0	9.0
167.5°	5.3	5.5	5.6	5.8	5.9	6.0	6.2	6.4	6.5	6.7	7.5
170°	4.4	4.5	4.6	4.7	4.8	4.9	5.0	5.1	5.2	5.3	6.0
172.5°	3.3	3.4	3.5	3.6	3.7	3.8	3.8	3.9	3.9	4.0	4.5
175°	2.3	2.3	2.4	2.5	2.5	2.5	2.6	2.6	2.6	2.7	3.0
177.5°	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.5
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231872

CATALOG NUMBER: FVS4WM-2-LD4-30-1LO-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°	1.7	1.9	2.1	2.3	2.4	2.6	2.8	2.9	3.1	3.3	3.4
5°	3.4	3.8	4.1	4.5	4.8	5.2	5.5	5.8	6.1	6.4	6.7
7.5°	5.1	5.6	6.1	6.7	7.2	7.6	8.2	8.8	9.4	10.0	10.6
10°	6.7	7.4	8.1	8.8	9.5	10.3	11.2	12.0	12.8	13.6	14.5
12.5°	8.4	9.2	10.0	10.9	12.0	13.0	14.1	15.1	16.0	16.7	17.4
15°	10.0	10.9	11.9	13.2	14.4	15.6	16.8	17.8	18.7	19.7	20.6
17.5°	11.6	12.6	13.9	15.4	16.7	18.1	19.3	20.5	21.7	22.9	24.2
20°	13.1	14.3	15.9	17.4	19.0	20.5	21.9	23.3	24.9	26.4	27.9
22.5°	14.6	16.1	17.8	19.4	21.2	22.9	24.6	26.5	28.3	30.0	31.5
25°	18.1	19.7	21.3	23.0	24.8	26.6	28.4	30.2	32.0	33.5	35.2
27.5°	21.6	23.3	25.1	27.0	28.9	30.9	32.9	34.8	36.6	38.2	39.9
30°	25.1	27.0	28.8	30.9	33.1	35.2	37.3	39.2	41.1	42.9	44.7
32.5°	28.6	30.5	32.5	34.8	37.1	39.3	41.5	43.6	45.5	47.3	48.7
35°	32.1	34.1	36.2	38.7	41.1	43.5	45.6	47.8	49.7	51.2	52.1
37.5°	35.6	37.5	39.9	42.5	44.9	47.3	49.7	51.7	53.7	54.5	55.3
40°	39.0	40.9	43.6	46.2	48.7	51.2	53.6	55.5	56.8	57.7	57.8
42.5°	42.4	44.4	47.2	49.9	52.4	55.1	57.2	59.0	59.8	60.2	60.1
45°	45.8	47.8	50.8	53.4	56.1	58.8	60.6	61.9	62.7	62.5	62.6
47.5°	51.9	55.0	58.7	61.2	63.3	64.9	65.4	65.3	65.0	64.6	65.2
50°	58.3	62.8	67.6	70.6	72.7	73.8	73.9	73.3	71.7	70.2	69.4
52.5°	64.9	70.9	76.6	80.1	81.9	82.4	82.0	81.0	78.8	77.5	76.9
55°	71.6	79.1	85.7	89.5	91.1	90.9	90.0	88.3	86.0	84.4	84.4
57.5°	78.5	87.5	94.9	98.8	100.0	99.1	97.8	95.5	93.1	91.6	92.0
60°	85.4	96.1	104.1	107.9	108.6	107.2	105.4	102.6	100.0	99.0	99.6
62.5°	92.5	104.8	113.4	117.0	117.0	115.1	112.9	109.6	106.7	106.4	107.2
65°	99.6	113.6	122.7	125.9	125.3	122.9	120.1	116.5	113.2	113.7	114.7
67.5°	106.8	122.6	132.1	134.8	133.4	130.7	127.3	123.4	120.5	121.0	122.0
70°	106.9	123.4	134.0	138.1	137.8	135.6	132.6	129.1	127.2	128.2	130.1
72.5°	106.8	123.6	135.0	140.2	140.8	138.8	136.2	133.3	132.1	133.1	136.0
75°	106.6	123.7	136.0	142.5	144.0	142.1	140.0	137.7	136.9	138.0	141.5
77.5°	106.4	123.7	137.0	145.0	147.3	145.5	143.9	142.3	141.5	143.0	146.7
80°	106.6	123.6	138.0	147.5	150.8	148.8	148.0	147.1	146.0	147.9	151.7
82.5°	106.0	123.8	139.6	150.1	154.3	152.3	152.2	151.9	150.5	152.8	156.5
85°	105.4	123.2	140.2	152.9	158.0	155.6	156.5	156.9	155.0	157.7	161.2
87.5°	104.9	122.7	140.9	155.3	161.5	159.2	160.7	161.8	159.4	162.6	165.8
90°	104.3	122.1	141.5	157.6	165.0	162.7	165.0	166.8	163.9	167.3	170.2
92.5°	104.9	122.7	140.9	155.3	161.5	159.2	160.7	161.8	159.4	162.6	165.8
95°	105.4	123.2	140.2	152.9	158.0	155.6	156.5	156.9	155.0	157.7	161.2
97.5°	106.0	123.8	139.6	150.1	154.3	152.3	152.2	151.9	150.5	152.8	156.5
100°	106.6	123.6	138.0	147.5	150.8	148.8	148.0	147.1	146.0	147.9	151.7
102.5°	106.4	123.7	137.0	145.0	147.3	145.5	143.9	142.3	141.5	143.0	146.7
105°	106.6	123.7	136.0	142.5	144.0	142.1	140.0	137.7	136.9	138.0	141.5
107.5°	106.8	123.6	135.0	140.2	140.8	138.8	136.2	133.3	132.1	133.1	136.0
110°	106.9	123.4	134.0	138.1	137.8	135.6	132.6	129.1	127.2	128.2	130.1



TEST NUMBER: P231872

CATALOG NUMBER: FVS4WM-2-LD4-30-1LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	106.8	122.6	132.1	134.8	133.4	130.7	127.3	123.4	120.5	121.0	122.0
115°	99.6	113.6	122.7	125.9	125.3	122.9	120.1	116.5	113.2	113.7	114.7
117.5°	92.5	104.8	113.4	117.0	117.0	115.1	112.9	109.6	106.7	106.4	107.2
120°	85.4	96.1	104.1	107.9	108.6	107.2	105.4	102.6	100.0	99.0	99.6
122.5°	78.5	87.5	94.9	98.8	100.0	99.1	97.8	95.5	93.1	91.6	92.0
125°	71.6	79.1	85.7	89.5	91.1	90.9	90.0	88.3	86.0	84.4	84.4
127.5°	64.9	70.9	76.6	80.1	81.9	82.4	82.0	81.0	78.8	77.5	76.9
130°	58.3	62.8	67.6	70.6	72.7	73.8	73.9	73.3	71.7	70.2	69.4
132.5°	51.9	55.0	58.7	61.2	63.3	64.9	65.4	65.3	65.0	64.6	65.2
135°	45.8	47.8	50.8	53.4	56.1	58.8	60.6	61.9	62.7	62.5	62.6
137.5°	42.4	44.4	47.2	49.9	52.4	55.1	57.2	59.0	59.8	60.2	60.1
140°	39.0	40.9	43.6	46.2	48.7	51.2	53.6	55.5	56.8	57.7	57.8
142.5°	35.6	37.5	39.9	42.5	44.9	47.3	49.7	51.7	53.7	54.5	55.3
145°	32.1	34.1	36.2	38.7	41.1	43.5	45.6	47.8	49.7	51.2	52.1
147.5°	28.6	30.5	32.5	34.8	37.1	39.3	41.5	43.6	45.5	47.3	48.7
150°	25.1	27.0	28.8	30.9	33.1	35.2	37.3	39.2	41.1	42.9	44.7
152.5°	21.6	23.3	25.1	27.0	28.9	30.9	32.9	34.8	36.6	38.2	39.9
155°	18.1	19.7	21.3	23.0	24.8	26.6	28.4	30.2	32.0	33.5	35.2
157.5°	14.6	16.1	17.8	19.4	21.2	22.9	24.6	26.5	28.3	30.0	31.5
160°	13.1	14.3	15.9	17.4	19.0	20.5	21.9	23.3	24.9	26.4	27.9
162.5°	11.6	12.6	13.9	15.4	16.7	18.1	19.3	20.5	21.7	22.9	24.2
165°	10.0	10.9	11.9	13.2	14.4	15.6	16.8	17.8	18.7	19.7	20.6
167.5°	8.4	9.2	10.0	10.9	12.0	13.0	14.1	15.1	16.0	16.7	17.4
170°	6.7	7.4	8.1	8.8	9.5	10.3	11.2	12.0	12.8	13.6	14.5
172.5°	5.1	5.6	6.1	6.7	7.2	7.6	8.2	8.8	9.4	10.0	10.6
175°	3.4	3.8	4.1	4.5	4.8	5.2	5.5	5.8	6.1	6.4	6.7
177.5°	1.7	1.9	2.1	2.3	2.4	2.6	2.8	2.9	3.1	3.3	3.4
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: P231872

CATALOG NUMBER: FVS4WM-2-LD4-30-1LO-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°	3.5	3.7	3.8	3.9	4.0	4.1	4.2	4.3	4.4	4.5	4.5
5°	7.1	7.5	7.8	8.2	8.5	8.8	9.1	9.4	9.6	9.9	10.1
7.5°	11.2	11.8	12.3	12.8	13.3	13.5	13.8	14.0	14.2	14.4	14.5
10°	14.9	15.4	15.9	16.3	16.7	17.0	17.4	17.7	18.1	18.4	18.7
12.5°	18.0	18.7	19.3	20.0	20.6	21.2	21.8	22.3	22.8	23.1	23.3
15°	21.5	22.5	23.4	24.2	25.0	25.6	26.1	26.5	26.9	27.2	27.5
17.5°	25.3	26.6	27.4	28.2	28.9	29.6	30.3	30.8	31.3	31.8	32.1
20°	29.1	30.2	31.3	32.3	33.2	34.1	34.9	35.5	35.9	36.4	36.7
22.5°	32.9	34.2	35.5	36.7	37.9	38.5	39.1	39.7	40.3	40.9	41.6
25°	36.9	38.5	40.2	40.9	41.7	42.4	43.1	43.8	44.5	45.3	46.1
27.5°	41.6	42.9	43.6	44.5	45.1	45.7	46.5	47.2	48.0	48.9	49.9
30°	45.9	46.7	47.4	47.6	47.8	48.3	49.1	50.1	51.2	52.4	53.8
32.5°	49.5	50.1	50.3	50.6	51.1	51.5	52.1	52.9	54.5	56.8	59.1
35°	52.7	52.9	53.2	53.7	54.3	55.2	55.9	57.8	59.5	62.2	65.7
37.5°	55.3	55.6	56.2	57.0	57.9	59.3	61.3	63.7	66.8	70.1	74.0
40°	57.8	58.5	59.3	60.4	62.1	64.3	67.5	71.1	75.6	80.6	85.8
42.5°	60.6	61.4	62.6	64.4	66.8	70.5	74.5	80.3	86.4	93.0	99.8
45°	63.3	64.6	66.2	68.7	72.7	77.1	83.7	90.5	98.4	106.5	115.3
47.5°	66.2	67.7	70.3	74.0	78.9	85.9	93.4	102.1	111.5	121.2	131.7
50°	69.5	71.4	74.5	79.8	86.8	94.7	104.1	114.4	125.6	137.1	149.2
52.5°	77.2	78.3	81.5	86.4	95.0	104.5	115.3	127.3	140.0	153.6	168.1
55°	85.2	87.1	91.5	97.5	105.3	114.6	126.5	140.4	155.0	170.6	187.6
57.5°	93.1	96.4	101.5	108.2	116.8	127.5	140.0	153.9	170.2	188.3	206.7
60°	101.1	105.5	111.2	118.8	128.3	139.8	153.7	169.1	186.4	205.3	223.6
62.5°	109.8	114.6	120.4	128.5	139.2	152.1	166.9	183.2	201.9	220.1	240.0
65°	118.3	123.2	129.5	138.2	149.4	163.2	179.0	196.5	214.6	233.6	255.6
67.5°	126.6	131.3	137.9	147.3	159.5	173.9	190.0	207.6	225.2	246.4	272.2
70°	134.6	138.9	145.6	155.7	168.5	183.4	199.5	216.4	235.1	257.8	287.1
72.5°	140.8	145.9	153.1	163.6	176.6	192.4	207.2	223.6	243.6	268.7	300.2
75°	146.3	152.0	159.6	169.6	182.5	197.6	212.9	229.5	250.1	276.8	311.9
77.5°	151.7	157.9	165.3	174.5	186.8	201.1	216.1	233.8	256.6	285.5	320.9
80°	157.0	163.6	170.3	178.4	190.1	203.6	218.2	237.0	262.0	294.5	330.7
82.5°	162.3	169.0	174.7	181.5	192.5	205.3	219.2	239.0	266.2	301.4	338.3
85°	167.4	174.2	178.6	183.8	194.0	206.1	219.3	239.9	269.0	306.0	343.6
87.5°	172.4	179.2	182.3	185.8	195.1	206.4	218.9	240.3	271.2	309.5	347.8
90°	177.1	183.9	185.7	187.4	195.4	205.7	217.2	238.4	269.9	308.3	346.7
92.5°	172.4	179.2	182.3	185.8	195.1	206.4	218.9	240.3	271.2	309.5	347.8
95°	167.4	174.2	178.6	183.8	194.0	206.1	219.3	239.9	269.0	306.0	343.6
97.5°	162.3	169.0	174.7	181.5	192.5	205.3	219.2	239.0	266.2	301.4	338.3
100°	157.0	163.6	170.3	178.4	190.1	203.6	218.2	237.0	262.0	294.5	330.7
102.5°	151.7	157.9	165.3	174.5	186.8	201.1	216.1	233.8	256.6	285.5	320.9
105°	146.3	152.0	159.6	169.6	182.5	197.6	212.9	229.5	250.1	276.8	311.9
107.5°	140.8	145.9	153.1	163.6	176.6	192.4	207.2	223.6	243.6	268.7	300.2
110°	134.6	138.9	145.6	155.7	168.5	183.4	199.5	216.4	235.1	257.8	287.1



TEST NUMBER: P231872

CATALOG NUMBER: FVS4WM-2-LD4-30-1LO-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°	126.6	131.3	137.9	147.3	159.5	173.9	190.0	207.6	225.2	246.4	272.2
115°	118.3	123.2	129.5	138.2	149.4	163.2	179.0	196.5	214.6	233.6	255.6
117.5°	109.8	114.6	120.4	128.5	139.2	152.1	166.9	183.2	201.9	220.1	240.0
120°	101.1	105.5	111.2	118.8	128.3	139.8	153.7	169.1	186.4	205.3	223.6
122.5°	93.1	96.4	101.5	108.2	116.8	127.5	140.0	153.9	170.2	188.3	206.7
125°	85.2	87.1	91.5	97.5	105.3	114.6	126.5	140.4	155.0	170.6	187.6
127.5°	77.2	78.3	81.5	86.4	95.0	104.5	115.3	127.3	140.0	153.6	168.1
130°	69.5	71.4	74.5	79.8	86.8	94.7	104.1	114.4	125.6	137.1	149.2
132.5°	66.2	67.7	70.3	74.0	78.9	85.9	93.4	102.1	111.5	121.2	131.7
135°	63.3	64.6	66.2	68.7	72.7	77.1	83.7	90.5	98.4	106.5	115.3
137.5°	60.6	61.4	62.6	64.4	66.8	70.5	74.5	80.3	86.4	93.0	99.8
140°	57.8	58.5	59.3	60.4	62.1	64.3	67.5	71.1	75.6	80.6	85.8
142.5°	55.3	55.6	56.2	57.0	57.9	59.3	61.3	63.7	66.8	70.1	74.0
145°	52.7	52.9	53.2	53.7	54.3	55.2	55.9	57.8	59.5	62.2	65.7
147.5°	49.5	50.1	50.3	50.6	51.1	51.5	52.1	52.9	54.5	56.8	59.1
150°	45.9	46.7	47.4	47.6	47.8	48.3	49.1	50.1	51.2	52.4	53.8
152.5°	41.6	42.9	43.6	44.5	45.1	45.7	46.5	47.2	48.0	48.9	49.9
155°	36.9	38.5	40.2	40.9	41.7	42.4	43.1	43.8	44.5	45.3	46.1
157.5°	32.9	34.2	35.5	36.7	37.9	38.5	39.1	39.7	40.3	40.9	41.6
160°	29.1	30.2	31.3	32.3	33.2	34.1	34.9	35.5	35.9	36.4	36.7
162.5°	25.3	26.6	27.4	28.2	28.9	29.6	30.3	30.8	31.3	31.8	32.1
165°	21.5	22.5	23.4	24.2	25.0	25.6	26.1	26.5	26.9	27.2	27.5
167.5°	18.0	18.7	19.3	20.0	20.6	21.2	21.8	22.3	22.8	23.1	23.3
170°	14.9	15.4	15.9	16.3	16.7	17.0	17.4	17.7	18.1	18.4	18.7
172.5°	11.2	11.8	12.3	12.8	13.3	13.5	13.8	14.0	14.2	14.4	14.5
175°	7.1	7.5	7.8	8.2	8.5	8.8	9.1	9.4	9.6	9.9	10.1
177.5°	3.5	3.7	3.8	3.9	4.0	4.1	4.2	4.3	4.4	4.5	4.5
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231872

CATALOG NUMBER: FVS4WM-2-LD4-30-1LO-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°	4.6	4.6	4.7	4.7	4.7	4.8	4.9	4.9	4.8	4.8	4.7
5°	10.3	10.5	10.6	10.7	10.9	10.9	11.0	11.0	11.3	11.2	11.1
7.5°	14.6	14.7	14.8	14.9	14.9	14.9	14.9	14.8	14.8	14.8	14.6
10°	19.0	19.2	19.4	19.5	19.6	19.6	19.6	19.6	19.5	19.6	19.4
12.5°	23.5	23.7	23.8	23.8	23.8	23.8	23.7	23.5	23.4	23.2	23.0
15°	27.7	27.9	28.0	28.1	28.0	28.0	27.8	27.6	27.3	27.0	26.8
17.5°	32.3	32.5	32.7	32.8	32.8	32.8	32.7	32.6	32.4	32.1	31.9
20°	37.0	37.4	37.9	38.3	38.7	39.1	39.4	39.7	39.8	39.9	40.2
22.5°	42.3	43.0	43.7	44.2	44.7	45.2	45.6	46.0	46.2	46.4	46.8
25°	46.9	47.7	48.4	49.2	50.0	50.7	51.4	51.9	52.4	52.8	53.1
27.5°	51.0	52.1	53.1	54.4	55.8	57.2	58.4	59.5	60.4	61.2	61.8
30°	55.6	57.6	59.5	61.3	63.6	65.7	67.6	69.4	70.9	72.2	73.2
32.5°	61.6	64.6	67.6	70.4	73.5	76.6	79.5	82.1	84.3	86.1	87.6
35°	69.2	73.5	77.9	82.0	86.2	91.0	95.4	99.4	103.0	106.0	108.5
37.5°	79.3	84.7	91.1	97.2	103.0	108.7	113.8	118.2	122.1	125.4	128.0
40°	91.8	98.7	106.3	113.6	120.4	126.9	133.2	138.7	143.5	147.5	150.8
42.5°	107.2	114.5	122.8	131.7	140.0	147.7	155.5	162.2	167.9	172.5	176.0
45°	123.9	133.0	141.5	152.3	162.8	173.1	180.7	188.0	194.1	198.9	202.3
47.5°	142.1	153.5	164.9	176.1	187.8	198.2	208.2	217.4	225.1	231.3	235.9
50°	162.5	175.7	189.2	202.0	215.7	228.7	240.8	252.4	262.3	270.3	276.3
52.5°	183.4	198.7	214.4	230.0	246.9	263.5	278.2	294.5	307.9	318.5	326.1
55°	204.6	221.8	239.8	259.6	280.8	305.5	326.5	341.4	352.4	360.1	364.8
57.5°	224.7	244.6	265.9	292.8	322.0	345.4	368.2	380.3	388.1	394.0	397.8
60°	244.3	267.2	296.1	325.2	353.2	377.4	397.1	409.7	415.5	420.4	424.2
62.5°	262.9	292.1	322.8	353.4	380.0	402.7	418.4	429.8	436.7	441.8	445.2
65°	283.4	313.8	346.7	377.9	404.3	424.8	439.1	449.6	455.1	458.8	461.5
67.5°	302.4	335.4	369.7	402.0	428.4	446.7	458.4	464.8	469.2	473.8	476.6
70°	320.3	355.4	390.8	425.2	450.5	464.4	473.2	479.1	484.5	488.2	491.6
72.5°	335.7	371.9	408.7	441.8	465.1	478.3	485.1	491.3	496.7	499.7	503.2
75°	348.1	385.3	423.2	455.8	477.1	487.3	495.3	501.4	506.0	509.5	512.2
77.5°	357.2	395.4	437.1	468.0	484.9	494.9	503.0	508.9	513.3	517.0	520.3
80°	366.9	406.3	447.7	478.0	492.4	501.2	509.0	514.7	519.7	524.5	527.1
82.5°	375.3	416.8	456.8	483.4	496.6	505.7	513.9	519.4	524.7	528.4	532.2
85°	380.7	423.3	463.3	487.6	499.2	508.8	516.9	522.4	528.1	532.4	536.8
87.5°	384.6	425.8	466.6	490.6	500.8	509.8	518.5	523.3	529.9	533.6	539.1
90°	382.8	424.6	466.4	491.7	501.4	509.4	519.2	523.2	528.9	534.1	537.5
92.5°	384.6	425.8	466.6	490.6	500.8	509.8	518.5	523.3	529.9	533.6	539.1
95°	380.7	423.3	463.3	487.6	499.2	508.8	516.9	522.4	528.1	532.4	536.8
97.5°	375.3	416.8	456.8	483.4	496.6	505.7	513.9	519.4	524.7	528.4	532.2
100°	366.9	406.3	447.7	478.0	492.4	501.2	509.0	514.7	519.7	524.5	527.1
102.5°	357.2	395.4	437.1	468.0	484.9	494.9	503.0	508.9	513.3	517.0	520.3
105°	348.1	385.3	423.2	455.8	477.1	487.3	495.3	501.4	506.0	509.5	512.2
107.5°	335.7	371.9	408.7	441.8	465.1	478.3	485.1	491.3	496.7	499.7	503.2
110°	320.3	355.4	390.8	425.2	450.5	464.4	473.2	479.1	484.5	488.2	491.6



TEST NUMBER: P231872

CATALOG NUMBER: FVS4WM-2-LD4-30-1LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	302.4	335.4	369.7	402.0	428.4	446.7	458.4	464.8	469.2	473.8	476.6
115°	283.4	313.8	346.7	377.9	404.3	424.8	439.1	449.6	455.1	458.8	461.5
117.5°	262.9	292.1	322.8	353.4	380.0	402.7	418.4	429.8	436.7	441.8	445.2
120°	244.3	267.2	296.1	325.2	353.2	377.4	397.1	409.7	415.5	420.4	424.2
122.5°	224.7	244.6	265.9	292.8	322.0	345.4	368.2	380.3	388.1	394.0	397.8
125°	204.6	221.8	239.8	259.6	280.8	305.5	326.5	341.4	352.4	360.1	364.8
127.5°	183.4	198.7	214.4	230.0	246.9	263.5	278.2	294.5	307.9	318.5	326.1
130°	162.5	175.7	189.2	202.0	215.7	228.7	240.8	252.4	262.3	270.3	276.3
132.5°	142.1	153.5	164.9	176.1	187.8	198.2	208.2	217.4	225.1	231.3	235.9
135°	123.9	133.0	141.5	152.3	162.8	173.1	180.7	188.0	194.1	198.9	202.3
137.5°	107.2	114.5	122.8	131.7	140.0	147.7	155.5	162.2	167.9	172.5	176.0
140°	91.8	98.7	106.3	113.6	120.4	126.9	133.2	138.7	143.5	147.5	150.8
142.5°	79.3	84.7	91.1	97.2	103.0	108.7	113.8	118.2	122.1	125.4	128.0
145°	69.2	73.5	77.9	82.0	86.2	91.0	95.4	99.4	103.0	106.0	108.5
147.5°	61.6	64.6	67.6	70.4	73.5	76.6	79.5	82.1	84.3	86.1	87.6
150°	55.6	57.6	59.5	61.3	63.6	65.7	67.6	69.4	70.9	72.2	73.2
152.5°	51.0	52.1	53.1	54.4	55.8	57.2	58.4	59.5	60.4	61.2	61.8
155°	46.9	47.7	48.4	49.2	50.0	50.7	51.4	51.9	52.4	52.8	53.1
157.5°	42.3	43.0	43.7	44.2	44.7	45.2	45.6	46.0	46.2	46.4	46.8
160°	37.0	37.4	37.9	38.3	38.7	39.1	39.4	39.7	39.8	39.9	40.2
162.5°	32.3	32.5	32.7	32.8	32.8	32.8	32.7	32.6	32.4	32.1	31.9
165°	27.7	27.9	28.0	28.1	28.0	28.0	27.8	27.6	27.3	27.0	26.8
167.5°	23.5	23.7	23.8	23.8	23.8	23.8	23.7	23.5	23.4	23.2	23.0
170°	19.0	19.2	19.4	19.5	19.6	19.6	19.6	19.6	19.5	19.6	19.4
172.5°	14.6	14.7	14.8	14.9	14.9	14.9	14.9	14.8	14.8	14.8	14.6
175°	10.3	10.5	10.6	10.7	10.9	10.9	11.0	11.0	11.3	11.2	11.1
177.5°	4.6	4.6	4.7	4.7	4.7	4.8	4.9	4.9	4.8	4.8	4.7
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: P231872

CATALOG NUMBER: FVS4WM-2-LD4-30-1LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	0.0	0.0
2.5°	4.7	4.6
5°	11.0	10.9
7.5°	14.5	14.3
10°	19.1	18.9
12.5°	22.6	22.3
15°	26.3	25.8
17.5°	31.4	30.9
20°	39.8	39.5
22.5°	46.6	46.4
25°	53.3	53.3
27.5°	62.4	62.5
30°	74.2	74.5
32.5°	88.9	89.4
35°	110.8	111.7
37.5°	130.2	131.2
40°	153.6	154.7
42.5°	179.0	179.9
45°	205.2	205.7
47.5°	239.6	240.1
50°	281.2	281.9
52.5°	332.1	332.4
55°	367.8	366.2
57.5°	400.5	398.8
60°	427.5	426.9
62.5°	446.7	446.4
65°	462.9	463.0
67.5°	477.6	476.8
70°	494.1	495.1
72.5°	505.1	505.4
75°	514.8	516.3
77.5°	522.9	523.7
80°	529.3	530.1
82.5°	535.1	537.5
85°	538.7	539.2
87.5°	542.5	539.8
90°	539.2	544.4
92.5°	542.5	539.8
95°	538.7	539.2
97.5°	535.1	537.5
100°	529.3	530.1
102.5°	522.9	523.7
105°	514.8	516.3
107.5°	505.1	505.4
110°	494.1	495.1



TEST NUMBER: P231872

CATALOG NUMBER: FVS4WM-2-LD4-30-1LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	477.6	476.8
115°	462.9	463.0
117.5°	446.7	446.4
120°	427.5	426.9
122.5°	400.5	398.8
125°	367.8	366.2
127.5°	332.1	332.4
130°	281.2	281.9
132.5°	239.6	240.1
135°	205.2	205.7
137.5°	179.0	179.9
140°	153.6	154.7
142.5°	130.2	131.2
145°	110.8	111.7
147.5°	88.9	89.4
150°	74.2	74.5
152.5°	62.4	62.5
155°	53.3	53.3
157.5°	46.6	46.4
160°	39.8	39.5
162.5°	31.4	30.9
165°	26.3	25.8
167.5°	22.6	22.3
170°	19.1	18.9
172.5°	14.5	14.3
175°	11.0	10.9
177.5°	4.7	4.6
180°	0.0	0.0

(END OF REPORT)