

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: P231875

Luminaire Tested: **FVS4WM-2-LD4-50-1LO-P125-UNV-EDC1**

Issue Date: 3/3/2020



**Test Information**

Test Method: LM-79-08  
Report Number: P231875  
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-LD4-50-1LO-P125-UNV-EDC1  
Description: FAILSAFE FVS LED FIXTURE  
2FT LENGTH, 1-MODULE LED WITH P125 LENS  
Light Source: (42) 5000K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

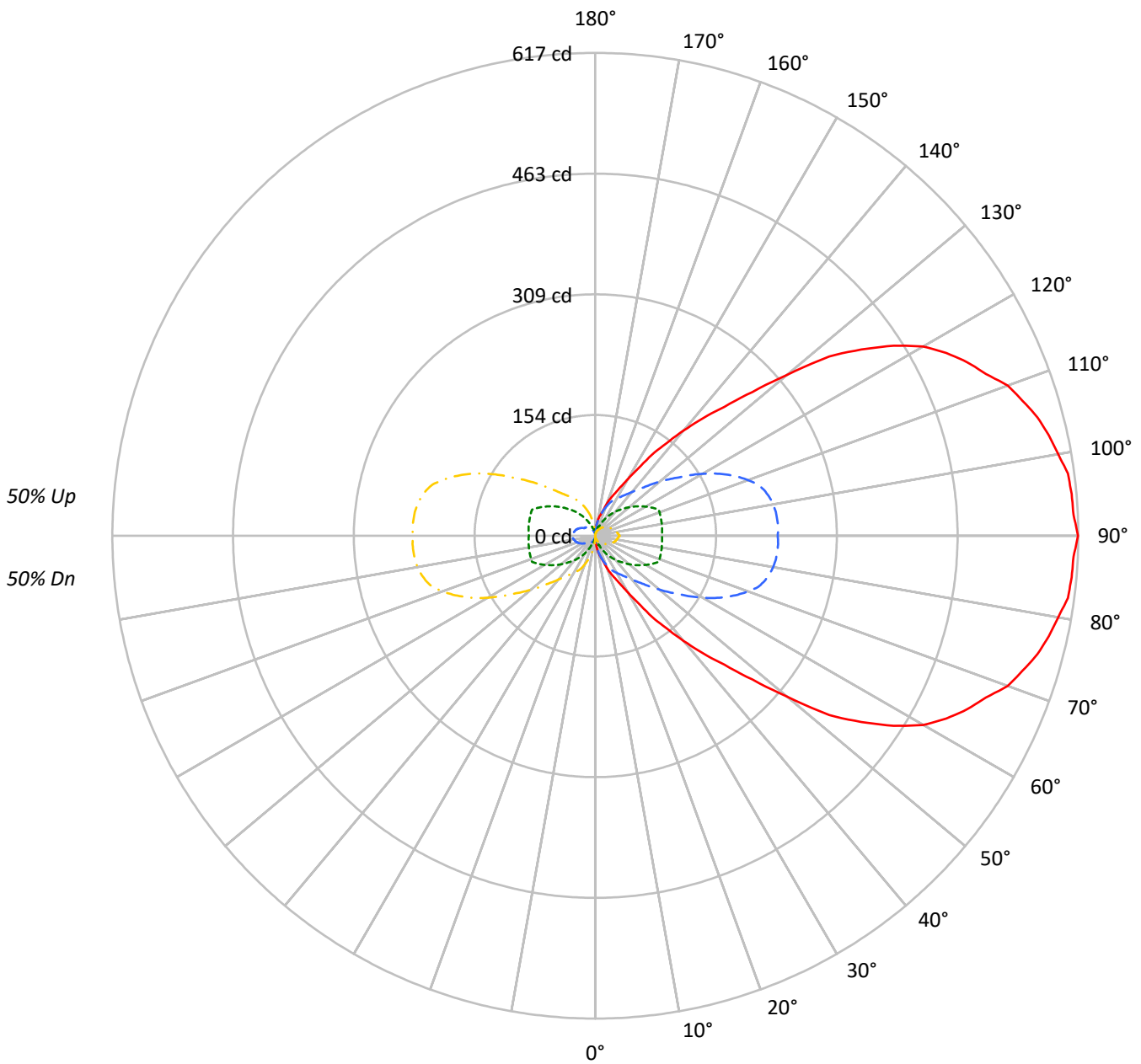
Lumens per Lamp: N/A  
Luminaire Lumens: 1433.2 lumens  
Efficiency: N/A  
Efficacy: 116.5 lumens/watt  
Spacing Criteria (0/90/45): - / - / -  
Luminous Opening: Rectangular w/ Sides (W: 1.92' x L: 0.19' x H: 0.31')  
CIE Type: General Diffuse

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°	323	89	0	89
10°	503	177	0	177
15°	626	270	0	270
20°	889	364	0	364
25°	1123	534	0	534
30°	1488	793	0	793
35°	2136	1073	0	1073
40°	2856	1390	0	1390
45°	3701	1748	0	1748
50°	4982	2216	0	2216
55°	6408	2779	0	2779
60°	7453	3475	0	3475
65°	8125	4369	0	4369
70°	8803	5280	0	5280
75°	9373	6238	0	6238
80°	9908	7725	0	7725
85°	10469	10273	0	10273



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	0.7	0.0
10°-20°	4.5	0.3
20°-30°	12.6	0.9
30°-40°	27.9	1.9
40°-50°	54.7	3.8
50°-60°	98.3	6.9
60°-70°	145.0	10.1
70°-80°	178.0	12.4
80°-90°	195.0	13.6
90°-100°	195.0	13.6
100°-110°	178.0	12.4
110°-120°	145.0	10.1
120°-130°	98.3	6.9
130°-140°	54.7	3.8
140°-150°	27.9	1.9
150°-160°	12.6	0.9
160°-170°	4.5	0.3
170°-180°	0.7	0.0
0°-30°	17.7	1.2
0°-40°	45.6	3.2
0°-60°	198.6	13.9
0°-90°	716.6	50.0
90°-120°	518.0	36.1
90°-150°	698.9	48.8
90°-180°	717.0	50.0
0°-180°	1433.2	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	0	0	0	0	0	
5°	12	3	0	3	12	1
15°	29	9	0	9	29	9
25°	60	17	0	17	60	29
35°	127	33	0	33	127	81
45°	233	48	0	48	233	187
55°	415	66	0	66	415	370
65°	524	83	0	83	524	520
75°	585	87	0	87	585	617
85°	611	86	0	86	611	497
90°	617	85	0	85	617	337
95°	611	86	0	86	611	497
105°	585	87	0	87	585	617
115°	524	83	0	83	524	520
125°	415	66	0	66	415	370
135°	233	48	0	48	233	187
145°	127	33	0	33	127	81
155°	60	17	0	17	60	29
165°	29	9	0	9	29	9
175°	12	3	0	3	12	1
180°	0	0	0	0	0	



TEST NUMBER: P231875

CATALOG NUMBER: FVS4WM-2-LD4-50-1LO-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°	5.2	5.3	5.3	5.4	5.4	5.5	5.6	5.4	5.4	5.3	5.3
5°	12.3	12.4	12.5	12.6	12.7	12.5	12.4	12.3	12.3	12.1	12.0
7.5°	16.2	16.4	16.6	16.7	16.7	16.8	16.9	16.9	16.9	16.8	16.8
10°	21.4	21.7	21.9	22.2	22.1	22.2	22.2	22.2	22.2	22.1	21.9
12.5°	25.3	25.7	26.1	26.3	26.5	26.7	26.9	26.9	27.0	27.0	26.9
15°	29.2	29.7	30.3	30.6	31.0	31.3	31.5	31.7	31.8	31.8	31.8
17.5°	35.0	35.6	36.1	36.4	36.7	36.9	37.1	37.1	37.2	37.1	37.0
20°	44.8	45.2	45.5	45.3	45.2	45.0	44.7	44.3	43.9	43.4	42.9
22.5°	52.6	52.8	53.0	52.6	52.4	52.1	51.7	51.2	50.7	50.1	49.5
25°	60.4	60.4	60.2	59.8	59.4	58.8	58.2	57.5	56.7	55.8	54.9
27.5°	70.7	70.6	70.0	69.3	68.4	67.3	66.1	64.7	63.2	61.6	60.1
30°	84.4	84.0	83.0	81.8	80.3	78.6	76.6	74.4	72.0	69.4	67.3
32.5°	101.3	100.7	99.3	97.6	95.5	93.0	90.1	86.8	83.2	79.7	76.5
35°	126.6	125.5	123.0	120.1	116.7	112.6	108.1	103.1	97.6	93.0	88.3
37.5°	148.6	147.5	144.9	142.0	138.3	133.9	128.9	123.1	116.7	110.1	103.2
40°	175.2	173.9	170.7	167.1	162.5	157.1	150.8	143.7	136.3	128.7	120.4
42.5°	203.8	202.7	199.4	195.4	190.1	183.7	176.1	167.3	158.5	149.2	139.1
45°	233.0	232.4	229.2	225.2	219.8	213.0	204.6	196.1	184.3	172.5	160.3
47.5°	272.0	271.4	267.2	262.0	255.0	246.3	235.8	224.5	212.7	199.4	186.8
50°	319.3	318.5	312.9	306.1	297.1	285.9	272.7	259.0	244.4	228.8	214.3
52.5°	376.5	376.2	369.3	360.7	348.8	333.5	315.1	298.4	279.6	260.5	242.8
55°	414.8	416.6	413.2	407.8	399.1	386.8	369.9	346.0	318.1	294.0	271.6
57.5°	451.8	453.7	450.6	446.3	439.6	430.7	417.0	391.3	364.7	331.6	301.2
60°	483.6	484.2	480.5	476.2	470.6	464.1	449.7	427.5	400.1	368.4	335.4
62.5°	505.6	505.9	504.2	500.5	494.7	486.8	473.9	456.1	430.5	400.3	365.6
65°	524.4	524.3	522.7	519.7	515.5	509.4	497.4	481.2	457.9	428.1	392.7
67.5°	540.0	540.9	539.8	536.7	531.5	526.4	519.3	506.0	485.3	455.4	418.8
70°	560.8	559.7	556.8	552.9	548.8	542.7	535.9	526.0	510.3	481.7	442.8
72.5°	572.5	572.1	570.0	566.0	562.6	556.5	549.5	541.8	526.8	500.5	462.9
75°	584.8	583.1	580.2	577.1	573.2	567.9	561.1	552.0	540.4	516.2	479.4
77.5°	593.2	592.3	589.3	585.6	581.4	576.5	569.7	560.7	549.3	530.1	495.1
80°	600.4	599.5	597.1	594.1	588.7	583.0	576.5	567.7	557.8	541.4	507.0
82.5°	608.8	606.1	602.8	598.5	594.3	588.4	582.1	572.8	562.5	547.5	517.4
85°	610.8	610.2	608.0	602.9	598.2	591.7	585.4	576.3	565.4	552.3	524.8
87.5°	611.4	614.5	610.7	604.4	600.2	592.8	587.3	577.5	567.3	555.7	528.5
90°	616.6	610.8	608.8	604.9	599.1	592.6	588.1	577.0	567.9	556.9	528.3
92.5°	611.4	614.5	610.7	604.4	600.2	592.8	587.3	577.5	567.3	555.7	528.5
95°	610.8	610.2	608.0	602.9	598.2	591.7	585.4	576.3	565.4	552.3	524.8
97.5°	608.8	606.1	602.8	598.5	594.3	588.4	582.1	572.8	562.5	547.5	517.4
100°	600.4	599.5	597.1	594.1	588.7	583.0	576.5	567.7	557.8	541.4	507.0
102.5°	593.2	592.3	589.3	585.6	581.4	576.5	569.7	560.7	549.3	530.1	495.1
105°	584.8	583.1	580.2	577.1	573.2	567.9	561.1	552.0	540.4	516.2	479.4
107.5°	572.5	572.1	570.0	566.0	562.6	556.5	549.5	541.8	526.8	500.5	462.9
110°	560.8	559.7	556.8	552.9	548.8	542.7	535.9	526.0	510.3	481.7	442.8



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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°	540.0	540.9	539.8	536.7	531.5	526.4	519.3	506.0	485.3	455.4	418.8
115°	524.4	524.3	522.7	519.7	515.5	509.4	497.4	481.2	457.9	428.1	392.7
117.5°	505.6	505.9	504.2	500.5	494.7	486.8	473.9	456.1	430.5	400.3	365.6
120°	483.6	484.2	480.5	476.2	470.6	464.1	449.7	427.5	400.1	368.4	335.4
122.5°	451.8	453.7	450.6	446.3	439.6	430.7	417.0	391.3	364.7	331.6	301.2
125°	414.8	416.6	413.2	407.8	399.1	386.8	369.9	346.0	318.1	294.0	271.6
127.5°	376.5	376.2	369.3	360.7	348.8	333.5	315.1	298.4	279.6	260.5	242.8
130°	319.3	318.5	312.9	306.1	297.1	285.9	272.7	259.0	244.4	228.8	214.3
132.5°	272.0	271.4	267.2	262.0	255.0	246.3	235.8	224.5	212.7	199.4	186.8
135°	233.0	232.4	229.2	225.2	219.8	213.0	204.6	196.1	184.3	172.5	160.3
137.5°	203.8	202.7	199.4	195.4	190.1	183.7	176.1	167.3	158.5	149.2	139.1
140°	175.2	173.9	170.7	167.1	162.5	157.1	150.8	143.7	136.3	128.7	120.4
142.5°	148.6	147.5	144.9	142.0	138.3	133.9	128.9	123.1	116.7	110.1	103.2
145°	126.6	125.5	123.0	120.1	116.7	112.6	108.1	103.1	97.6	93.0	88.3
147.5°	101.3	100.7	99.3	97.6	95.5	93.0	90.1	86.8	83.2	79.7	76.5
150°	84.4	84.0	83.0	81.8	80.3	78.6	76.6	74.4	72.0	69.4	67.3
152.5°	70.7	70.6	70.0	69.3	68.4	67.3	66.1	64.7	63.2	61.6	60.1
155°	60.4	60.4	60.2	59.8	59.4	58.8	58.2	57.5	56.7	55.8	54.9
157.5°	52.6	52.8	53.0	52.6	52.4	52.1	51.7	51.2	50.7	50.1	49.5
160°	44.8	45.2	45.5	45.3	45.2	45.0	44.7	44.3	43.9	43.4	42.9
162.5°	35.0	35.6	36.1	36.4	36.7	36.9	37.1	37.1	37.2	37.1	37.0
165°	29.2	29.7	30.3	30.6	31.0	31.3	31.5	31.7	31.8	31.8	31.8
167.5°	25.3	25.7	26.1	26.3	26.5	26.7	26.9	26.9	27.0	27.0	26.9
170°	21.4	21.7	21.9	22.2	22.1	22.2	22.2	22.2	22.2	22.1	21.9
172.5°	16.2	16.4	16.6	16.7	16.7	16.8	16.9	16.9	16.9	16.8	16.8
175°	12.3	12.4	12.5	12.6	12.7	12.5	12.4	12.3	12.3	12.1	12.0
177.5°	5.2	5.3	5.3	5.4	5.4	5.5	5.6	5.4	5.4	5.3	5.3
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	5.3	5.2	5.1	5.1	5.0	4.9	4.8	4.7	4.6	4.4	4.3
5°	11.8	11.6	11.4	11.1	10.9	10.6	10.3	9.9	9.6	9.2	8.8
7.5°	16.7	16.6	16.4	16.2	16.0	15.8	15.6	15.3	15.0	14.5	13.9
10°	21.7	21.5	21.2	20.9	20.5	20.1	19.7	19.3	18.9	18.4	17.9
12.5°	26.8	26.7	26.4	26.2	25.8	25.3	24.7	24.1	23.4	22.6	21.9
15°	31.6	31.5	31.2	30.9	30.5	30.0	29.5	28.9	28.3	27.4	26.5
17.5°	36.9	36.6	36.4	36.0	35.5	35.0	34.3	33.6	32.8	31.9	31.0
20°	42.3	41.9	41.6	41.2	40.7	40.2	39.5	38.6	37.7	36.6	35.4
22.5°	48.8	48.0	47.2	46.4	45.6	45.0	44.3	43.6	42.9	41.6	40.2
25°	54.0	53.1	52.2	51.3	50.4	49.6	48.8	48.0	47.2	46.4	45.6
27.5°	59.0	57.8	56.6	55.4	54.4	53.4	52.6	51.7	51.0	50.4	49.4
30°	65.2	63.0	60.9	59.4	58.0	56.7	55.7	54.7	54.1	53.9	53.6
32.5°	73.2	69.8	66.9	64.3	61.6	59.9	59.1	58.4	57.8	57.3	57.0
35°	83.3	78.4	74.5	70.4	67.4	65.4	63.3	62.5	61.6	60.9	60.2
37.5°	96.0	89.9	83.9	79.4	75.7	72.1	69.5	67.2	65.6	64.5	63.7
40°	111.8	103.9	97.2	91.3	85.6	80.5	76.5	72.9	70.4	68.4	67.2
42.5°	129.7	121.4	113.0	105.3	97.9	90.9	84.4	79.9	75.7	73.0	70.9
45°	150.7	140.4	130.6	120.6	111.5	102.5	94.8	87.3	82.3	77.9	75.0
47.5°	173.9	161.0	149.2	137.3	126.3	115.7	105.8	97.3	89.3	83.8	79.6
50°	199.0	184.0	168.9	155.3	142.3	129.5	117.9	107.3	98.3	90.3	84.4
52.5°	225.1	207.8	190.4	174.0	158.6	144.2	130.5	118.3	107.6	97.8	92.3
55°	251.2	231.8	212.5	193.3	175.6	159.1	143.3	129.7	119.3	110.4	103.6
57.5°	277.1	254.5	234.1	213.3	192.8	174.4	158.6	144.4	132.3	122.6	115.0
60°	302.7	276.7	253.3	232.6	211.1	191.6	174.1	158.4	145.3	134.5	126.0
62.5°	330.8	297.8	271.9	249.3	228.7	207.6	189.1	172.3	157.6	145.5	136.4
65°	355.5	321.0	289.5	264.6	243.1	222.6	202.8	184.9	169.2	156.5	146.7
67.5°	380.0	342.5	308.3	279.1	255.1	235.1	215.2	196.9	180.6	166.9	156.2
70°	402.6	362.8	325.2	292.0	266.3	245.2	226.0	207.8	190.8	176.3	164.8
72.5°	421.3	380.2	340.0	304.3	275.9	253.3	234.7	218.0	200.0	185.2	173.4
75°	436.5	394.3	353.3	313.5	283.2	259.9	241.2	223.8	206.7	192.1	180.8
77.5°	448.0	404.6	363.5	323.4	290.6	264.8	244.8	227.8	211.6	197.7	187.2
80°	460.2	415.6	374.6	333.5	296.8	268.4	247.1	230.7	215.3	202.1	192.9
82.5°	472.1	425.1	383.2	341.3	301.5	270.7	248.3	232.5	218.0	205.5	197.8
85°	479.5	431.3	389.2	346.6	304.7	271.7	248.4	233.4	219.8	208.2	202.3
87.5°	482.4	435.6	393.9	350.6	307.1	272.1	247.9	233.8	221.0	210.4	206.5
90°	481.0	433.6	392.7	349.2	305.7	270.0	246.0	233.0	221.3	212.2	210.3
92.5°	482.4	435.6	393.9	350.6	307.1	272.1	247.9	233.8	221.0	210.4	206.5
95°	479.5	431.3	389.2	346.6	304.7	271.7	248.4	233.4	219.8	208.2	202.3
97.5°	472.1	425.1	383.2	341.3	301.5	270.7	248.3	232.5	218.0	205.5	197.8
100°	460.2	415.6	374.6	333.5	296.8	268.4	247.1	230.7	215.3	202.1	192.9
102.5°	448.0	404.6	363.5	323.4	290.6	264.8	244.8	227.8	211.6	197.7	187.2
105°	436.5	394.3	353.3	313.5	283.2	259.9	241.2	223.8	206.7	192.1	180.8
107.5°	421.3	380.2	340.0	304.3	275.9	253.3	234.7	218.0	200.0	185.2	173.4
110°	402.6	362.8	325.2	292.0	266.3	245.2	226.0	207.8	190.8	176.3	164.8





TEST NUMBER: P231875

CATALOG NUMBER: FVS4WM-2-LD4-50-1LO-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°	380.0	342.5	308.3	279.1	255.1	235.1	215.2	196.9	180.6	166.9	156.2
115°	355.5	321.0	289.5	264.6	243.1	222.6	202.8	184.9	169.2	156.5	146.7
117.5°	330.8	297.8	271.9	249.3	228.7	207.6	189.1	172.3	157.6	145.5	136.4
120°	302.7	276.7	253.3	232.6	211.1	191.6	174.1	158.4	145.3	134.5	126.0
122.5°	277.1	254.5	234.1	213.3	192.8	174.4	158.6	144.4	132.3	122.6	115.0
125°	251.2	231.8	212.5	193.3	175.6	159.1	143.3	129.7	119.3	110.4	103.6
127.5°	225.1	207.8	190.4	174.0	158.6	144.2	130.5	118.3	107.6	97.8	92.3
130°	199.0	184.0	168.9	155.3	142.3	129.5	117.9	107.3	98.3	90.3	84.4
132.5°	173.9	161.0	149.2	137.3	126.3	115.7	105.8	97.3	89.3	83.8	79.6
135°	150.7	140.4	130.6	120.6	111.5	102.5	94.8	87.3	82.3	77.9	75.0
137.5°	129.7	121.4	113.0	105.3	97.9	90.9	84.4	79.9	75.7	73.0	70.9
140°	111.8	103.9	97.2	91.3	85.6	80.5	76.5	72.9	70.4	68.4	67.2
142.5°	96.0	89.9	83.9	79.4	75.7	72.1	69.5	67.2	65.6	64.5	63.7
145°	83.3	78.4	74.5	70.4	67.4	65.4	63.3	62.5	61.6	60.9	60.2
147.5°	73.2	69.8	66.9	64.3	61.6	59.9	59.1	58.4	57.8	57.3	57.0
150°	65.2	63.0	60.9	59.4	58.0	56.7	55.7	54.7	54.1	53.9	53.6
152.5°	59.0	57.8	56.6	55.4	54.4	53.4	52.6	51.7	51.0	50.4	49.4
155°	54.0	53.1	52.2	51.3	50.4	49.6	48.8	48.0	47.2	46.4	45.6
157.5°	48.8	48.0	47.2	46.4	45.6	45.0	44.3	43.6	42.9	41.6	40.2
160°	42.3	41.9	41.6	41.2	40.7	40.2	39.5	38.6	37.7	36.6	35.4
162.5°	36.9	36.6	36.4	36.0	35.5	35.0	34.3	33.6	32.8	31.9	31.0
165°	31.6	31.5	31.2	30.9	30.5	30.0	29.5	28.9	28.3	27.4	26.5
167.5°	26.8	26.7	26.4	26.2	25.8	25.3	24.7	24.1	23.4	22.6	21.9
170°	21.7	21.5	21.2	20.9	20.5	20.1	19.7	19.3	18.9	18.4	17.9
172.5°	16.7	16.6	16.4	16.2	16.0	15.8	15.6	15.3	15.0	14.5	13.9
175°	11.8	11.6	11.4	11.1	10.9	10.6	10.3	9.9	9.6	9.2	8.8
177.5°	5.3	5.2	5.1	5.1	5.0	4.9	4.8	4.7	4.6	4.4	4.3
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231875

CATALOG NUMBER: FVS4WM-2-LD4-50-1LO-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°	4.2	4.0	3.8	3.7	3.5	3.3	3.2	3.0	2.8	2.6	2.4
5°	8.4	8.0	7.6	7.2	6.9	6.6	6.2	5.8	5.5	5.1	4.7
7.5°	13.3	12.7	12.0	11.3	10.6	9.9	9.2	8.6	8.1	7.5	6.9
10°	17.4	16.9	16.3	15.4	14.5	13.6	12.6	11.7	10.7	9.9	9.2
12.5°	21.2	20.4	19.7	18.9	18.0	17.0	15.9	14.7	13.5	12.3	11.3
15°	25.5	24.4	23.4	22.3	21.2	20.1	19.0	17.7	16.3	14.9	13.5
17.5°	30.2	28.7	27.4	26.0	24.6	23.2	21.9	20.4	18.9	17.3	15.7
20°	34.3	33.0	31.6	30.0	28.3	26.5	24.9	23.2	21.4	19.7	17.9
22.5°	38.7	37.2	35.7	34.0	32.1	30.1	28.0	26.0	24.0	22.0	20.1
25°	43.7	41.8	39.8	37.9	36.2	34.3	32.2	30.1	28.1	26.0	24.1
27.5°	48.6	47.1	45.2	43.3	41.4	39.5	37.3	35.1	32.8	30.6	28.4
30°	52.9	52.0	50.6	48.6	46.6	44.4	42.2	39.9	37.6	35.0	32.6
32.5°	56.8	56.1	55.2	53.6	51.6	49.4	47.0	44.6	42.1	39.5	36.8
35°	59.9	59.7	59.1	58.1	56.3	54.2	51.7	49.3	46.5	43.9	41.0
37.5°	63.0	62.7	62.6	61.8	60.9	58.6	56.3	53.6	50.9	48.2	45.2
40°	66.3	65.5	65.4	65.3	64.3	62.8	60.8	58.0	55.2	52.4	49.4
42.5°	69.5	68.7	68.1	68.2	67.8	66.8	64.8	62.4	59.3	56.5	53.5
45°	73.1	71.7	70.9	70.8	71.1	70.1	68.7	66.6	63.5	60.5	57.6
47.5°	76.6	75.0	73.9	73.2	73.7	73.9	74.1	73.6	71.6	69.3	66.5
50°	80.9	78.7	78.6	79.5	81.2	83.0	83.7	83.6	82.3	79.9	76.7
52.5°	88.7	87.5	87.2	87.7	89.3	91.8	92.9	93.3	92.8	90.7	86.9
55°	98.7	96.5	95.7	95.6	97.4	100.0	101.9	102.9	103.2	101.4	97.1
57.5°	109.2	105.4	104.2	103.8	105.4	108.2	110.7	112.2	113.3	111.9	107.5
60°	119.4	114.5	112.8	112.1	113.2	116.2	119.4	121.4	122.9	122.2	117.9
62.5°	129.8	124.4	121.5	120.5	120.8	124.1	127.8	130.3	132.4	132.5	128.5
65°	139.6	134.0	129.9	128.8	128.2	132.0	136.1	139.2	141.8	142.6	139.0
67.5°	148.7	143.4	138.3	137.1	136.4	139.7	144.2	147.9	151.1	152.7	149.6
70°	157.4	152.4	147.4	145.2	144.1	146.2	150.2	153.5	156.0	156.4	151.8
72.5°	165.3	159.5	154.1	150.8	149.6	151.0	154.2	157.2	159.4	158.8	152.9
75°	172.2	165.7	160.2	156.3	155.0	156.0	158.5	160.9	163.0	161.4	154.0
77.5°	178.9	171.8	166.1	161.9	160.3	161.2	163.0	164.7	166.8	164.2	155.2
80°	185.3	177.9	171.8	167.5	165.4	166.5	167.6	168.6	170.8	167.0	156.4
82.5°	191.4	183.8	177.3	173.1	170.5	172.0	172.4	172.4	174.8	170.0	158.1
85°	197.3	189.6	182.6	178.6	175.5	177.6	177.2	176.3	179.0	173.2	158.8
87.5°	203.1	195.3	187.8	184.1	180.5	183.3	182.1	180.3	182.9	175.8	159.6
90°	208.4	200.6	192.8	189.5	185.6	188.9	186.9	184.3	186.9	178.5	160.3
92.5°	203.1	195.3	187.8	184.1	180.5	183.3	182.1	180.3	182.9	175.8	159.6
95°	197.3	189.6	182.6	178.6	175.5	177.6	177.2	176.3	179.0	173.2	158.8
97.5°	191.4	183.8	177.3	173.1	170.5	172.0	172.4	172.4	174.8	170.0	158.1
100°	185.3	177.9	171.8	167.5	165.4	166.5	167.6	168.6	170.8	167.0	156.4
102.5°	178.9	171.8	166.1	161.9	160.3	161.2	163.0	164.7	166.8	164.2	155.2
105°	172.2	165.7	160.2	156.3	155.0	156.0	158.5	160.9	163.0	161.4	154.0
107.5°	165.3	159.5	154.1	150.8	149.6	151.0	154.2	157.2	159.4	158.8	152.9
110°	157.4	152.4	147.4	145.2	144.1	146.2	150.2	153.5	156.0	156.4	151.8



TEST NUMBER: P231875

CATALOG NUMBER: FVS4WM-2-LD4-50-1LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	148.7	143.4	138.3	137.1	136.4	139.7	144.2	147.9	151.1	152.7	149.6
115°	139.6	134.0	129.9	128.8	128.2	132.0	136.1	139.2	141.8	142.6	139.0
117.5°	129.8	124.4	121.5	120.5	120.8	124.1	127.8	130.3	132.4	132.5	128.5
120°	119.4	114.5	112.8	112.1	113.2	116.2	119.4	121.4	122.9	122.2	117.9
122.5°	109.2	105.4	104.2	103.8	105.4	108.2	110.7	112.2	113.3	111.9	107.5
125°	98.7	96.5	95.7	95.6	97.4	100.0	101.9	102.9	103.2	101.4	97.1
127.5°	88.7	87.5	87.2	87.7	89.3	91.8	92.9	93.3	92.8	90.7	86.9
130°	80.9	78.7	78.6	79.5	81.2	83.0	83.7	83.6	82.3	79.9	76.7
132.5°	76.6	75.0	73.9	73.2	73.7	73.9	74.1	73.6	71.6	69.3	66.5
135°	73.1	71.7	70.9	70.8	71.1	70.1	68.7	66.6	63.5	60.5	57.6
137.5°	69.5	68.7	68.1	68.2	67.8	66.8	64.8	62.4	59.3	56.5	53.5
140°	66.3	65.5	65.4	65.3	64.3	62.8	60.8	58.0	55.2	52.4	49.4
142.5°	63.0	62.7	62.6	61.8	60.9	58.6	56.3	53.6	50.9	48.2	45.2
145°	59.9	59.7	59.1	58.1	56.3	54.2	51.7	49.3	46.5	43.9	41.0
147.5°	56.8	56.1	55.2	53.6	51.6	49.4	47.0	44.6	42.1	39.5	36.8
150°	52.9	52.0	50.6	48.6	46.6	44.4	42.2	39.9	37.6	35.0	32.6
152.5°	48.6	47.1	45.2	43.3	41.4	39.5	37.3	35.1	32.8	30.6	28.4
155°	43.7	41.8	39.8	37.9	36.2	34.3	32.2	30.1	28.1	26.0	24.1
157.5°	38.7	37.2	35.7	34.0	32.1	30.1	28.0	26.0	24.0	22.0	20.1
160°	34.3	33.0	31.6	30.0	28.3	26.5	24.9	23.2	21.4	19.7	17.9
162.5°	30.2	28.7	27.4	26.0	24.6	23.2	21.9	20.4	18.9	17.3	15.7
165°	25.5	24.4	23.4	22.3	21.2	20.1	19.0	17.7	16.3	14.9	13.5
167.5°	21.2	20.4	19.7	18.9	18.0	17.0	15.9	14.7	13.5	12.3	11.3
170°	17.4	16.9	16.3	15.4	14.5	13.6	12.6	11.7	10.7	9.9	9.2
172.5°	13.3	12.7	12.0	11.3	10.6	9.9	9.2	8.6	8.1	7.5	6.9
175°	8.4	8.0	7.6	7.2	6.9	6.6	6.2	5.8	5.5	5.1	4.7
177.5°	4.2	4.0	3.8	3.7	3.5	3.3	3.2	3.0	2.8	2.6	2.4
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: P231875

CATALOG NUMBER: FVS4WM-2-LD4-50-1LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	2.2	1.9	1.7	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4
5°	4.3	3.9	3.4	3.0	3.0	3.0	2.9	2.9	2.8	2.8	2.7
7.5°	6.4	5.8	5.2	4.5	4.5	4.4	4.3	4.2	4.2	4.1	4.0
10°	8.4	7.6	6.8	6.0	5.9	5.8	5.7	5.6	5.4	5.3	5.2
12.5°	10.4	9.5	8.5	7.6	7.4	7.2	7.0	6.8	6.7	6.5	6.4
15°	12.4	11.3	10.2	9.1	8.8	8.6	8.3	8.1	7.9	7.7	7.5
17.5°	14.3	13.1	11.8	10.6	10.3	9.9	9.6	9.3	9.1	8.9	8.7
20°	16.2	14.8	13.5	12.1	11.7	11.3	10.8	10.6	10.3	10.1	9.7
22.5°	18.2	16.5	15.1	13.6	13.1	12.6	12.1	11.8	11.5	11.2	10.8
25°	22.2	20.5	19.0	17.4	16.9	16.4	15.9	15.5	15.0	14.3	13.6
27.5°	26.4	24.4	22.9	21.2	20.8	20.3	20.0	19.6	19.1	18.4	17.6
30°	30.5	28.4	26.8	25.1	24.7	24.3	24.1	23.8	23.2	22.5	21.5
32.5°	34.5	32.4	30.6	28.9	28.6	28.3	28.3	28.0	27.4	26.5	25.1
35°	38.5	36.3	34.5	32.7	32.6	32.4	32.5	32.2	31.6	30.2	28.6
37.5°	42.5	40.3	38.3	36.5	36.5	36.5	36.7	36.4	35.9	33.8	31.8
40°	46.4	44.1	42.2	40.4	40.5	40.7	41.0	40.7	39.6	37.3	34.7
42.5°	50.2	48.0	46.0	44.2	44.5	44.9	45.3	44.9	43.3	40.7	37.5
45°	54.2	51.8	49.8	48.0	48.5	49.1	49.6	49.2	46.8	43.6	40.0
47.5°	62.3	58.8	55.5	52.4	51.8	51.5	51.4	50.9	48.0	44.8	41.4
50°	71.2	66.1	61.4	56.8	55.0	53.8	52.9	51.6	48.4	45.1	41.7
52.5°	80.3	73.5	67.3	61.2	58.1	56.0	54.2	52.1	48.7	45.4	42.0
55°	89.6	81.2	73.3	65.6	61.2	58.0	55.5	52.7	49.0	45.8	42.5
57.5°	99.2	88.9	79.4	70.0	64.1	60.0	56.6	53.2	49.5	46.4	43.0
60°	108.9	96.8	85.6	74.4	67.1	61.8	57.7	53.7	50.0	47.0	43.8
62.5°	118.8	104.8	91.8	78.8	69.9	63.6	58.7	54.3	50.6	47.6	44.8
65°	128.8	112.9	98.1	83.2	72.8	65.3	59.6	54.8	51.3	48.4	46.1
67.5°	138.9	121.0	104.4	87.6	75.6	66.9	60.5	55.4	52.1	49.2	47.4
70°	139.8	121.2	104.2	87.3	75.0	66.4	60.0	55.0	51.9	49.2	48.0
72.5°	140.0	121.0	104.0	87.0	74.5	65.9	59.3	54.6	51.6	48.8	47.9
75°	140.1	120.8	104.3	86.7	74.0	65.3	58.7	54.3	51.2	48.6	47.9
77.5°	140.1	120.6	103.8	86.4	73.5	64.9	58.1	54.0	50.8	48.4	47.8
80°	140.0	120.7	103.3	86.2	73.0	64.4	57.6	53.7	50.5	48.2	47.7
82.5°	140.2	120.1	102.8	85.9	72.6	64.0	57.1	53.6	50.1	48.1	47.6
85°	139.6	119.4	102.3	85.6	72.2	63.6	56.6	53.4	49.8	48.0	47.6
87.5°	139.0	118.8	101.8	85.3	71.8	63.3	56.2	53.3	49.5	48.0	47.5
90°	<b>138.3</b>	<b>118.1</b>	<b>101.3</b>	<b>85.0</b>	<b>71.4</b>	<b>63.0</b>	<b>55.8</b>	<b>53.2</b>	<b>49.3</b>	<b>48.0</b>	<b>47.4</b>
92.5°	139.0	118.8	101.8	85.3	71.8	63.3	56.2	53.3	49.5	48.0	47.5
95°	139.6	119.4	102.3	85.6	72.2	63.6	56.6	53.4	49.8	48.0	47.6
97.5°	140.2	120.1	102.8	85.9	72.6	64.0	57.1	53.6	50.1	48.1	47.6
100°	140.0	120.7	103.3	86.2	73.0	64.4	57.6	53.7	50.5	48.2	47.7
102.5°	140.1	120.6	103.8	86.4	73.5	64.9	58.1	54.0	50.8	48.4	47.8
105°	140.1	120.8	104.3	86.7	74.0	65.3	58.7	54.3	51.2	48.6	47.9
107.5°	140.0	121.0	104.0	87.0	74.5	65.9	59.3	54.6	51.6	48.8	47.9
110°	139.8	121.2	104.2	87.3	75.0	66.4	60.0	55.0	51.9	49.2	48.0



TEST NUMBER: P231875

CATALOG NUMBER: FVS4WM-2-LD4-50-1LO-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°	138.9	121.0	104.4	87.6	75.6	66.9	60.5	55.4	52.1	49.2	47.4
115°	128.8	112.9	98.1	83.2	72.8	65.3	59.6	54.8	51.3	48.4	46.1
117.5°	118.8	104.8	91.8	78.8	69.9	63.6	58.7	54.3	50.6	47.6	44.8
120°	108.9	96.8	85.6	74.4	67.1	61.8	57.7	53.7	50.0	47.0	43.8
122.5°	99.2	88.9	79.4	70.0	64.1	60.0	56.6	53.2	49.5	46.4	43.0
125°	89.6	81.2	73.3	65.6	61.2	58.0	55.5	52.7	49.0	45.8	42.5
127.5°	80.3	73.5	67.3	61.2	58.1	56.0	54.2	52.1	48.7	45.4	42.0
130°	71.2	66.1	61.4	56.8	55.0	53.8	52.9	51.6	48.4	45.1	41.7
132.5°	62.3	58.8	55.5	52.4	51.8	51.5	51.4	50.9	48.0	44.8	41.5
135°	54.2	51.8	49.8	48.0	48.5	49.1	49.6	49.2	46.8	43.6	40.0
137.5°	50.2	48.0	46.0	44.2	44.5	44.9	45.3	44.9	43.3	40.7	37.5
140°	46.4	44.1	42.2	40.4	40.5	40.7	41.0	40.7	39.6	37.3	34.7
142.5°	42.5	40.3	38.3	36.5	36.5	36.5	36.7	36.4	35.9	33.8	31.8
145°	38.5	36.3	34.5	32.7	32.6	32.4	32.5	32.2	31.6	30.2	28.6
147.5°	34.5	32.4	30.6	28.9	28.6	28.3	28.3	28.0	27.4	26.5	25.1
150°	30.5	28.4	26.8	25.1	24.7	24.3	24.1	23.8	23.2	22.5	21.5
152.5°	26.4	24.4	22.9	21.2	20.8	20.3	20.0	19.6	19.1	18.4	17.6
155°	22.2	20.5	19.0	17.4	16.9	16.4	15.9	15.5	15.0	14.3	13.6
157.5°	18.2	16.5	15.1	13.6	13.1	12.6	12.1	11.8	11.5	11.2	10.8
160°	16.2	14.8	13.5	12.1	11.7	11.3	10.8	10.6	10.3	10.1	9.7
162.5°	14.3	13.1	11.8	10.6	10.3	9.9	9.6	9.3	9.1	8.9	8.7
165°	12.4	11.3	10.2	9.1	8.8	8.6	8.3	8.1	7.9	7.7	7.5
167.5°	10.4	9.5	8.5	7.6	7.4	7.2	7.0	6.8	6.7	6.5	6.4
170°	8.4	7.6	6.8	6.0	5.9	5.8	5.7	5.6	5.4	5.3	5.2
172.5°	6.4	5.8	5.2	4.5	4.5	4.4	4.3	4.2	4.2	4.1	4.0
175°	4.3	3.9	3.4	3.0	3.0	3.0	2.9	2.9	2.8	2.8	2.7
177.5°	2.2	1.9	1.7	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231875

CATALOG NUMBER: FVS4WM-2-LD4-50-1LO-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°	1.4	1.3	1.3	1.3	1.2	1.2	1.2	1.1	1.1	1.0	1.0
5°	2.7	2.6	2.5	2.4	2.4	2.3	2.2	2.1	2.1	2.0	1.9
7.5°	3.9	3.8	3.7	3.6	3.5	3.4	3.2	3.1	3.0	2.9	2.7
10°	5.1	4.9	4.8	4.7	4.5	4.4	4.2	4.0	3.9	3.7	3.5
12.5°	6.2	6.0	5.9	5.7	5.5	5.3	5.1	4.9	4.7	4.5	4.4
15°	7.3	7.1	6.9	6.6	6.4	6.2	6.1	5.9	5.7	5.5	5.2
17.5°	8.4	8.1	7.8	7.6	7.5	7.3	7.1	6.9	6.6	6.4	6.1
20°	9.4	9.1	8.9	8.7	8.6	8.3	8.1	7.9	7.6	7.2	6.8
22.5°	10.4	10.2	10.1	9.9	9.6	9.4	9.1	8.7	8.3	7.9	7.5
25°	12.9	12.3	11.6	11.0	10.8	10.4	9.9	9.4	9.1	8.8	8.4
27.5°	16.8	15.9	15.0	14.1	13.1	12.0	11.1	10.4	10.0	9.5	8.9
30°	20.4	19.2	18.1	16.8	15.5	14.4	13.4	12.4	11.3	10.3	9.6
32.5°	23.7	22.2	20.7	19.1	17.7	16.5	15.2	13.9	12.7	11.8	11.0
35°	26.8	24.9	23.0	21.2	19.7	18.2	16.6	15.2	14.2	13.2	12.0
37.5°	29.5	27.3	25.1	23.2	21.4	19.5	17.9	16.6	15.4	14.1	13.0
40°	32.1	29.5	27.1	24.9	22.7	20.7	19.2	17.7	16.2	15.0	14.0
42.5°	34.4	31.4	28.8	26.3	23.8	22.0	20.3	18.6	17.1	15.9	14.7
45°	36.6	33.3	30.4	27.5	25.0	23.1	21.1	19.4	18.0	16.6	15.3
47.5°	38.1	35.0	31.8	28.5	26.2	24.0	21.9	20.2	18.7	17.2	16.0
50°	38.3	35.5	32.7	30.1	27.7	24.9	22.8	21.0	19.2	17.8	16.5
52.5°	39.0	36.4	34.1	32.2	29.9	27.3	24.8	22.2	19.7	18.4	16.7
55°	39.8	37.8	36.1	34.7	32.5	29.9	27.2	24.4	22.0	19.5	16.8
57.5°	40.9	39.5	38.5	37.4	35.3	32.5	29.6	26.8	24.1	21.1	18.3
60°	42.2	41.6	41.3	40.2	38.0	35.0	31.9	29.0	25.8	22.7	19.7
62.5°	43.8	44.0	44.3	43.2	40.7	37.5	34.3	31.1	27.5	24.1	21.2
65°	45.8	46.7	47.6	46.5	43.4	40.1	36.6	32.9	29.1	25.6	22.5
67.5°	48.0	49.7	50.7	49.6	46.2	42.7	38.9	34.7	30.7	27.1	23.7
70°	49.2	51.6	53.1	52.3	48.9	45.2	41.0	36.4	32.4	28.5	24.7
72.5°	49.2	51.4	52.7	51.9	49.4	46.2	42.3	37.9	34.0	29.8	25.8
75°	49.1	51.2	52.4	51.8	49.8	46.9	42.8	38.4	34.3	30.3	26.6
77.5°	49.0	50.9	52.2	51.9	50.4	47.7	43.5	39.1	34.8	30.6	27.1
80°	48.8	50.6	52.0	52.3	51.1	48.7	44.3	39.8	35.4	31.1	27.7
82.5°	48.5	50.2	51.8	52.7	52.0	49.8	45.2	40.7	36.0	31.6	28.4
85°	48.1	49.7	51.7	53.3	53.0	51.1	46.2	41.7	36.8	32.4	29.2
87.5°	47.8	49.2	51.5	53.9	54.1	52.5	47.4	42.8	37.8	33.3	30.1
90°	47.4	48.7	51.3	54.5	55.2	53.9	48.7	44.1	38.9	34.4	31.2
92.5°	47.8	49.2	51.5	53.9	54.1	52.5	47.4	42.8	37.8	33.3	30.1
95°	48.1	49.7	51.7	53.3	53.0	51.1	46.2	41.7	36.8	32.4	29.2
97.5°	48.5	50.2	51.8	52.7	52.0	49.8	45.2	40.7	36.0	31.6	28.4
100°	48.8	50.6	52.0	52.3	51.1	48.7	44.3	39.8	35.4	31.1	27.7
102.5°	49.0	50.9	52.2	51.9	50.4	47.7	43.5	39.1	34.8	30.6	27.1
105°	49.1	51.2	52.4	51.8	49.8	46.9	42.8	38.4	34.3	30.3	26.6
107.5°	49.2	51.4	52.7	51.9	49.4	46.2	42.3	37.9	34.0	29.8	25.8
110°	49.2	51.6	53.1	52.3	48.9	45.2	41.0	36.4	32.4	28.5	24.7



TEST NUMBER: P231875

CATALOG NUMBER: FVS4WM-2-LD4-50-1LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	48.0	49.7	50.7	49.6	46.2	42.7	38.9	34.7	30.7	27.1	23.7
115°	45.8	46.7	47.6	46.5	43.4	40.1	36.6	32.9	29.1	25.6	22.5
117.5°	43.8	44.0	44.3	43.2	40.7	37.5	34.3	31.1	27.5	24.1	21.2
120°	42.2	41.6	41.3	40.2	38.0	35.0	31.9	29.0	25.8	22.7	19.7
122.5°	40.9	39.5	38.5	37.4	35.3	32.5	29.6	26.8	24.1	21.1	18.3
125°	39.8	37.8	36.1	34.7	32.5	29.9	27.2	24.4	22.0	19.5	16.8
127.5°	39.0	36.4	34.1	32.2	29.9	27.3	24.8	22.2	19.7	18.4	16.7
130°	38.3	35.5	32.7	30.1	27.7	24.9	22.8	21.0	19.2	17.8	16.5
132.5°	38.1	35.0	31.8	28.5	26.2	24.0	21.9	20.2	18.7	17.2	16.0
135°	36.6	33.3	30.4	27.5	25.0	23.1	21.1	19.4	18.0	16.6	15.3
137.5°	34.4	31.4	28.8	26.3	23.8	22.0	20.3	18.6	17.1	15.9	14.7
140°	32.1	29.5	27.1	24.9	22.7	20.7	19.2	17.7	16.2	15.0	14.0
142.5°	29.5	27.3	25.1	23.2	21.4	19.5	17.9	16.6	15.4	14.1	13.0
145°	26.8	24.9	23.0	21.2	19.7	18.2	16.6	15.2	14.2	13.2	12.0
147.5°	23.7	22.2	20.7	19.1	17.7	16.5	15.2	13.9	12.7	11.8	11.0
150°	20.4	19.2	18.1	16.8	15.5	14.4	13.4	12.4	11.3	10.3	9.6
152.5°	16.8	15.9	15.0	14.1	13.1	12.0	11.1	10.4	10.0	9.5	8.9
155°	12.9	12.3	11.6	11.0	10.8	10.4	9.9	9.4	9.1	8.8	8.4
157.5°	10.4	10.2	10.1	9.9	9.6	9.4	9.1	8.7	8.3	7.9	7.5
160°	9.4	9.1	8.9	8.7	8.6	8.3	8.1	7.9	7.6	7.2	6.8
162.5°	8.4	8.1	7.8	7.6	7.5	7.3	7.1	6.9	6.6	6.4	6.1
165°	7.3	7.1	6.9	6.6	6.4	6.2	6.1	5.9	5.7	5.5	5.2
167.5°	6.2	6.0	5.9	5.7	5.5	5.3	5.1	4.9	4.7	4.5	4.4
170°	5.1	4.9	4.8	4.7	4.5	4.4	4.2	4.0	3.9	3.7	3.5
172.5°	3.9	3.8	3.7	3.6	3.5	3.4	3.2	3.1	3.0	2.9	2.7
175°	2.7	2.6	2.5	2.4	2.4	2.3	2.2	2.1	2.1	2.0	1.9
177.5°	1.4	1.3	1.3	1.3	1.2	1.2	1.2	1.1	1.1	1.0	1.0
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: P231875

CATALOG NUMBER: FVS4WM-2-LD4-50-1LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	0.9	0.9	0.9	0.8	0.7	0.7	0.6	0.6	0.5	0.5	0.4
5°	1.8	1.7	1.6	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.8
7.5°	2.6	2.5	2.3	2.2	2.0	1.9	1.7	1.6	1.4	1.3	1.1
10°	3.3	3.2	3.0	2.8	2.6	2.5	2.3	2.1	1.9	1.7	1.5
12.5°	4.2	4.0	3.8	3.5	3.3	3.1	2.9	2.6	2.4	2.1	1.9
15°	5.0	4.8	4.5	4.3	4.0	3.7	3.4	3.1	2.8	2.5	2.2
17.5°	5.8	5.5	5.2	4.8	4.5	4.1	3.8	3.5	3.2	2.8	2.5
20°	6.4	6.1	5.8	5.5	5.1	4.8	4.4	4.0	3.6	3.2	2.8
22.5°	7.2	6.9	6.5	6.0	5.6	5.1	4.7	4.3	3.9	3.5	3.1
25°	7.9	7.4	6.9	6.5	6.1	5.7	5.2	4.8	4.3	3.8	3.3
27.5°	8.4	8.0	7.6	7.2	6.7	6.1	5.6	5.1	4.6	4.1	3.6
30°	9.2	8.8	8.2	7.6	7.0	6.5	6.0	5.5	5.0	4.5	4.0
32.5°	10.1	9.2	8.6	8.1	7.6	7.1	6.6	6.1	5.5	5.0	4.4
35°	11.0	10.2	9.4	8.8	8.3	7.8	7.2	6.7	6.1	5.4	4.8
37.5°	12.1	11.2	10.4	9.7	9.1	8.5	7.9	7.3	6.6	5.9	5.3
40°	13.0	12.1	11.3	10.5	9.8	9.2	8.6	7.9	7.2	6.5	5.7
42.5°	13.7	12.8	12.0	11.2	10.4	9.8	9.2	8.5	7.5	6.6	5.8
45°	14.4	13.4	12.4	11.5	10.8	10.1	9.3	8.5	7.8	7.0	6.2
47.5°	14.9	13.7	12.6	11.7	10.8	9.9	9.3	8.8	8.3	7.3	6.4
50°	15.1	13.8	12.6	11.6	10.7	10.0	9.4	8.7	8.1	7.4	6.4
52.5°	15.1	13.6	12.5	11.5	10.7	9.9	9.1	8.4	7.8	7.3	6.8
55°	14.9	13.6	12.4	11.5	10.5	9.6	8.9	8.3	7.9	7.4	6.9
57.5°	15.8	13.7	12.3	11.2	10.2	9.5	8.9	8.4	7.8	7.2	6.5
60°	17.2	14.9	12.8	10.9	10.2	9.5	8.9	8.3	7.6	6.9	6.2
62.5°	18.4	15.9	13.8	12.0	10.5	9.5	8.9	8.1	7.4	6.7	6.0
65°	19.5	17.0	14.8	12.9	11.4	10.0	8.8	8.0	7.3	6.5	5.7
67.5°	20.5	18.1	15.6	13.8	12.1	10.5	9.2	8.1	7.2	6.4	5.6
70°	21.7	18.9	16.5	14.6	12.6	11.0	9.6	8.3	7.2	6.4	5.3
72.5°	22.9	19.8	17.4	15.1	13.1	11.4	9.8	8.4	7.4	6.1	4.9
75°	23.7	20.6	18.3	15.6	13.6	11.6	9.9	8.5	7.2	5.7	4.3
77.5°	24.0	21.0	18.6	16.0	14.0	11.9	9.9	8.6	6.9	5.2	4.0
80°	24.4	21.4	18.8	16.3	14.1	11.9	10.1	8.5	6.6	4.8	3.7
82.5°	24.9	21.9	19.2	16.6	14.3	12.0	10.1	8.2	6.2	4.6	3.1
85°	25.5	22.5	19.8	17.0	14.6	12.2	10.1	8.1	5.9	4.3	2.4
87.5°	26.3	23.2	20.5	17.5	15.0	12.5	10.2	8.2	5.8	4.0	2.0
90°	27.3	24.0	21.4	18.2	15.6	13.0	10.4	8.4	5.8	3.9	1.9
92.5°	26.3	23.2	20.5	17.5	15.0	12.5	10.2	8.2	5.8	4.0	2.0
95°	25.5	22.5	19.8	17.0	14.6	12.2	10.1	8.1	5.9	4.3	2.4
97.5°	24.9	21.9	19.2	16.6	14.3	12.0	10.1	8.2	6.2	4.6	3.1
100°	24.4	21.4	18.8	16.3	14.1	11.9	10.1	8.5	6.6	4.8	3.7
102.5°	24.0	21.0	18.6	16.0	14.0	11.9	9.9	8.6	6.9	5.2	4.0
105°	23.7	20.6	18.3	15.6	13.6	11.6	9.9	8.5	7.2	5.7	4.3
107.5°	22.9	19.8	17.4	15.1	13.1	11.4	9.8	8.4	7.4	6.1	4.9
110°	21.7	18.9	16.5	14.6	12.6	11.0	9.6	8.3	7.2	6.4	5.3





TEST NUMBER: P231875

CATALOG NUMBER: FVS4WM-2-LD4-50-1LO-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°	20.5	18.1	15.6	13.8	12.1	10.5	9.2	8.1	7.2	6.4	5.6
115°	19.5	17.0	14.8	12.9	11.4	10.0	8.8	8.0	7.3	6.5	5.7
117.5°	18.4	15.9	13.8	12.0	10.5	9.5	8.9	8.1	7.4	6.7	6.0
120°	17.2	14.9	12.8	10.9	10.2	9.5	8.9	8.3	7.6	6.9	6.2
122.5°	15.8	13.7	12.3	11.2	10.2	9.5	8.9	8.4	7.8	7.2	6.5
125°	14.9	13.6	12.4	11.5	10.5	9.6	8.9	8.3	7.9	7.4	6.9
127.5°	15.1	13.6	12.5	11.5	10.7	9.9	9.1	8.4	7.8	7.3	6.8
130°	15.1	13.8	12.6	11.6	10.7	10.0	9.4	8.7	8.1	7.4	6.4
132.5°	14.9	13.7	12.6	11.7	10.8	9.9	9.3	8.8	8.3	7.3	6.4
135°	14.4	13.4	12.4	11.5	10.8	10.1	9.3	8.5	7.8	7.0	6.2
137.5°	13.7	12.8	12.0	11.2	10.4	9.8	9.2	8.5	7.5	6.6	5.8
140°	13.0	12.1	11.3	10.5	9.8	9.2	8.6	7.9	7.2	6.5	5.7
142.5°	12.1	11.2	10.4	9.7	9.1	8.5	7.9	7.3	6.6	5.9	5.3
145°	11.0	10.2	9.4	8.8	8.3	7.8	7.2	6.7	6.1	5.4	4.8
147.5°	10.1	9.2	8.6	8.1	7.6	7.1	6.6	6.1	5.5	5.0	4.4
150°	9.2	8.8	8.2	7.6	7.0	6.5	6.0	5.5	5.0	4.5	4.0
152.5°	8.4	8.0	7.6	7.2	6.7	6.1	5.6	5.1	4.6	4.1	3.6
155°	7.9	7.4	6.9	6.5	6.1	5.7	5.2	4.8	4.3	3.8	3.3
157.5°	7.2	6.9	6.5	6.0	5.6	5.1	4.7	4.3	3.9	3.5	3.1
160°	6.4	6.1	5.8	5.5	5.1	4.8	4.4	4.0	3.6	3.2	2.8
162.5°	5.8	5.5	5.2	4.8	4.5	4.1	3.8	3.5	3.2	2.8	2.5
165°	5.0	4.8	4.5	4.3	4.0	3.7	3.4	3.1	2.8	2.5	2.2
167.5°	4.2	4.0	3.8	3.5	3.3	3.1	2.9	2.6	2.4	2.1	1.9
170°	3.3	3.2	3.0	2.8	2.6	2.5	2.3	2.1	1.9	1.7	1.5
172.5°	2.6	2.5	2.3	2.2	2.0	1.9	1.7	1.6	1.4	1.3	1.1
175°	1.8	1.7	1.6	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.8
177.5°	0.9	0.9	0.9	0.8	0.7	0.7	0.6	0.6	0.5	0.5	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: P231875

CATALOG NUMBER: FVS4WM-2-LD4-50-1LO-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°	0.4	0.3	0.2	0.2	0.1	0.1	0.0	0.1	0.1	0.2	0.2
5°	0.7	0.6	0.5	0.3	0.2	0.1	0.0	0.1	0.2	0.3	0.5
7.5°	1.0	0.8	0.6	0.5	0.3	0.2	0.0	0.2	0.3	0.5	0.6
10°	1.3	1.1	0.9	0.6	0.4	0.2	0.0	0.2	0.4	0.6	0.9
12.5°	1.6	1.3	1.1	0.8	0.5	0.3	0.0	0.3	0.5	0.8	1.1
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°	2.2	1.8	1.4	1.1	0.7	0.4	0.0	0.4	0.7	1.1	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	2.2	1.8	1.3	0.9	0.4	0.0	0.4	0.9	1.3	1.8
25°	2.8	2.4	1.9	1.4	0.9	0.5	0.0	0.5	0.9	1.4	1.9
27.5°	3.1	2.6	2.1	1.6	1.1	0.5	0.0	0.5	1.1	1.6	2.1
30°	3.4	2.9	2.3	1.7	1.2	0.6	0.0	0.6	1.2	1.7	2.3
32.5°	3.8	3.2	2.6	1.9	1.3	0.6	0.0	0.6	1.3	1.9	2.6
35°	4.2	3.5	2.8	2.1	1.4	0.7	0.0	0.7	1.4	2.1	2.8
37.5°	4.5	3.8	3.1	2.3	1.5	0.8	0.0	0.8	1.5	2.3	3.1
40°	4.8	4.0	3.2	2.4	1.6	0.8	0.0	0.8	1.6	2.4	3.2
42.5°	5.0	4.2	3.4	2.5	1.7	0.9	0.0	0.9	1.7	2.5	3.4
45°	5.3	4.4	3.5	2.6	1.7	0.9	0.0	0.9	1.7	2.6	3.5
47.5°	5.4	4.4	3.5	2.6	1.7	0.9	0.0	0.9	1.7	2.6	3.5
50°	5.4	4.6	3.7	2.8	1.9	0.9	0.0	0.9	1.9	2.8	3.7
52.5°	5.9	4.8	3.8	2.9	1.9	0.9	0.0	0.9	1.9	2.9	3.8
55°	5.9	4.8	3.8	2.8	1.9	0.9	0.0	0.9	1.9	2.8	3.8
57.5°	5.8	4.8	3.7	2.8	1.8	0.9	0.0	0.9	1.8	2.8	3.7
60°	5.6	4.7	3.7	2.7	1.8	0.9	0.0	0.9	1.8	2.7	3.7
62.5°	5.2	4.5	3.5	2.6	1.7	0.8	0.0	0.8	1.7	2.6	3.5
65°	5.0	4.2	3.4	2.4	1.6	0.8	0.0	0.8	1.6	2.4	3.4
67.5°	4.7	3.8	3.1	2.2	1.4	0.7	0.0	0.7	1.4	2.2	3.1
70°	4.3	3.4	2.7	2.0	1.2	0.6	0.0	0.6	1.2	2.0	2.7
72.5°	3.8	3.0	2.3	1.7	1.0	0.5	0.0	0.5	1.0	1.7	2.3
75°	3.4	2.6	1.8	1.2	0.7	0.3	0.0	0.3	0.7	1.2	1.8
77.5°	3.0	1.9	1.3	0.7	0.2	0.0	0.0	0.0	0.2	0.7	1.3
80°	2.2	1.4	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
82.5°	1.5	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	1.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	1.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	1.5	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	2.2	1.4	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
102.5°	3.0	1.9	1.3	0.7	0.2	0.0	0.0	0.0	0.2	0.7	1.3
105°	3.4	2.6	1.8	1.2	0.7	0.3	0.0	0.3	0.7	1.2	1.8
107.5°	3.8	3.0	2.3	1.7	1.0	0.5	0.0	0.5	1.0	1.7	2.3
110°	4.3	3.4	2.7	2.0	1.2	0.6	0.0	0.6	1.2	2.0	2.7



TEST NUMBER: P231875

CATALOG NUMBER: FVS4WM-2-LD4-50-1LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	4.7	3.8	3.1	2.2	1.4	0.7	0.0	0.7	1.4	2.2	3.1
115°	5.0	4.2	3.4	2.4	1.6	0.8	0.0	0.8	1.6	2.4	3.4
117.5°	5.2	4.5	3.5	2.6	1.7	0.8	0.0	0.8	1.7	2.6	3.5
120°	5.6	4.7	3.7	2.7	1.8	0.9	0.0	0.9	1.8	2.7	3.7
122.5°	5.8	4.8	3.7	2.8	1.8	0.9	0.0	0.9	1.8	2.8	3.7
125°	5.9	4.8	3.8	2.8	1.9	0.9	0.0	0.9	1.9	2.8	3.8
127.5°	5.9	4.8	3.8	2.9	1.9	0.9	0.0	0.9	1.9	2.9	3.8
130°	5.4	4.6	3.7	2.8	1.9	0.9	0.0	0.9	1.9	2.8	3.7
132.5°	5.4	4.4	3.5	2.6	1.7	0.9	0.0	0.9	1.7	2.6	3.5
135°	5.3	4.4	3.5	2.6	1.7	0.9	0.0	0.9	1.7	2.6	3.5
137.5°	5.0	4.2	3.4	2.5	1.7	0.9	0.0	0.9	1.7	2.5	3.4
140°	4.8	4.0	3.2	2.4	1.6	0.8	0.0	0.8	1.6	2.4	3.2
142.5°	4.5	3.8	3.1	2.3	1.5	0.8	0.0	0.8	1.5	2.3	3.1
145°	4.2	3.5	2.8	2.1	1.4	0.7	0.0	0.7	1.4	2.1	2.8
147.5°	3.8	3.2	2.6	1.9	1.3	0.6	0.0	0.6	1.3	1.9	2.6
150°	3.4	2.9	2.3	1.7	1.2	0.6	0.0	0.6	1.2	1.7	2.3
152.5°	3.1	2.6	2.1	1.6	1.1	0.5	0.0	0.5	1.1	1.6	2.1
155°	2.8	2.4	1.9	1.4	0.9	0.5	0.0	0.5	0.9	1.4	1.9
157.5°	2.6	2.2	1.8	1.3	0.9	0.4	0.0	0.4	0.9	1.3	1.8
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°	2.2	1.8	1.4	1.1	0.7	0.4	0.0	0.4	0.7	1.1	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°	1.6	1.3	1.1	0.8	0.5	0.3	0.0	0.3	0.5	0.8	1.1
170°	1.3	1.1	0.9	0.6	0.4	0.2	0.0	0.2	0.4	0.6	0.9
172.5°	1.0	0.8	0.6	0.5	0.3	0.2	0.0	0.2	0.3	0.5	0.6
175°	0.7	0.6	0.5	0.3	0.2	0.1	0.0	0.1	0.2	0.3	0.5
177.5°	0.4	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: P231875

CATALOG NUMBER: FVS4WM-2-LD4-50-1LO-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	0.4	0.4	0.5	0.5	0.6	0.6	0.7	0.7	0.8	0.9
5°	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6
7.5°	0.8	1.0	1.1	1.3	1.4	1.6	1.7	1.9	2.0	2.2	2.3
10°	1.1	1.3	1.5	1.7	1.9	2.1	2.3	2.5	2.6	2.8	3.0
12.5°	1.3	1.6	1.9	2.1	2.4	2.6	2.9	3.1	3.3	3.5	3.8
15°	1.5	1.9	2.2	2.5	2.8	3.1	3.4	3.7	4.0	4.3	4.5
17.5°	1.8	2.2	2.5	2.8	3.2	3.5	3.8	4.1	4.5	4.8	5.2
20°	2.0	2.4	2.8	3.2	3.6	4.0	4.4	4.8	5.1	5.5	5.8
22.5°	2.2	2.6	3.1	3.5	3.9	4.3	4.7	5.1	5.6	6.0	6.5
25°	2.4	2.8	3.3	3.8	4.3	4.8	5.2	5.7	6.1	6.5	6.9
27.5°	2.6	3.1	3.6	4.1	4.6	5.1	5.6	6.1	6.7	7.2	7.6
30°	2.9	3.4	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.6	8.2
32.5°	3.2	3.8	4.4	5.0	5.5	6.1	6.6	7.1	7.6	8.1	8.6
35°	3.5	4.2	4.8	5.4	6.1	6.7	7.2	7.8	8.3	8.8	9.4
37.5°	3.8	4.5	5.3	5.9	6.6	7.3	7.9	8.5	9.1	9.7	10.4
40°	4.0	4.8	5.7	6.5	7.2	7.9	8.6	9.2	9.8	10.5	11.3
42.5°	4.2	5.0	5.8	6.6	7.5	8.5	9.2	9.8	10.4	11.2	12.0
45°	4.4	5.3	6.2	7.0	7.8	8.5	9.3	10.1	10.8	11.5	12.4
47.5°	4.4	5.4	6.4	7.3	8.3	8.8	9.3	9.9	10.8	11.7	12.6
50°	4.6	5.4	6.4	7.4	8.1	8.7	9.4	10.0	10.7	11.6	12.6
52.5°	4.8	5.9	6.8	7.3	7.8	8.4	9.1	9.9	10.7	11.5	12.5
55°	4.8	5.9	6.9	7.4	7.9	8.3	8.9	9.6	10.5	11.5	12.4
57.5°	4.8	5.8	6.5	7.2	7.8	8.4	8.9	9.5	10.2	11.2	12.3
60°	4.7	5.6	6.2	6.9	7.6	8.3	8.9	9.5	10.2	10.9	12.8
62.5°	4.5	5.2	6.0	6.7	7.4	8.1	8.9	9.5	10.5	12.0	13.8
65°	4.2	5.0	5.7	6.5	7.3	8.0	8.8	10.0	11.4	12.9	14.8
67.5°	3.8	4.7	5.6	6.4	7.2	8.1	9.2	10.5	12.1	13.8	15.6
70°	3.4	4.3	5.3	6.4	7.2	8.3	9.6	11.0	12.6	14.6	16.5
72.5°	3.0	3.8	4.9	6.1	7.4	8.4	9.8	11.4	13.1	15.1	17.4
75°	2.6	3.4	4.3	5.7	7.2	8.5	9.9	11.6	13.6	15.6	18.3
77.5°	1.9	3.0	4.0	5.2	6.9	8.6	9.9	11.9	14.0	16.0	18.6
80°	1.4	2.2	3.7	4.8	6.6	8.5	10.1	11.9	14.1	16.3	18.8
82.5°	0.7	1.5	3.1	4.6	6.2	8.2	10.1	12.0	14.3	16.6	19.2
85°	0.2	1.0	2.4	4.3	5.9	8.1	10.1	12.2	14.6	17.0	19.8
87.5°	0.1	0.7	2.0	4.0	5.8	8.2	10.2	12.5	15.0	17.5	20.5
90°	0.0	0.6	1.9	3.9	5.8	8.4	10.4	13.0	15.6	18.2	21.4
92.5°	0.1	0.7	2.0	4.0	5.8	8.2	10.2	12.5	15.0	17.5	20.5
95°	0.2	1.0	2.4	4.3	5.9	8.1	10.1	12.2	14.6	17.0	19.8
97.5°	0.7	1.5	3.1	4.6	6.2	8.2	10.1	12.0	14.3	16.6	19.2
100°	1.4	2.2	3.7	4.8	6.6	8.5	10.1	11.9	14.1	16.3	18.8
102.5°	1.9	3.0	4.0	5.2	6.9	8.6	9.9	11.9	14.0	16.0	18.6
105°	2.6	3.4	4.3	5.7	7.2	8.5	9.9	11.6	13.6	15.6	18.3
107.5°	3.0	3.8	4.9	6.1	7.4	8.4	9.8	11.4	13.1	15.1	17.4
110°	3.4	4.3	5.3	6.4	7.2	8.3	9.6	11.0	12.6	14.6	16.5



TEST NUMBER: P231875

CATALOG NUMBER: FVS4WM-2-LD4-50-1LO-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°	3.8	4.7	5.6	6.4	7.2	8.1	9.2	10.5	12.1	13.8	15.6
115°	4.2	5.0	5.7	6.5	7.3	8.0	8.8	10.0	11.4	12.9	14.8
117.5°	4.5	5.2	6.0	6.7	7.4	8.1	8.9	9.5	10.5	12.0	13.8
120°	4.7	5.6	6.2	6.9	7.6	8.3	8.9	9.5	10.2	10.9	12.8
122.5°	4.8	5.8	6.5	7.2	7.8	8.4	8.9	9.5	10.2	11.2	12.3
125°	4.8	5.9	6.9	7.4	7.9	8.3	8.9	9.6	10.5	11.5	12.4
127.5°	4.8	5.9	6.8	7.3	7.8	8.4	9.1	9.9	10.7	11.5	12.5
130°	4.6	5.4	6.4	7.4	8.1	8.7	9.4	10.0	10.7	11.6	12.6
132.5°	4.4	5.4	6.4	7.3	8.3	8.8	9.3	9.9	10.8	11.7	12.6
135°	4.4	5.3	6.2	7.0	7.8	8.5	9.3	10.1	10.8	11.5	12.4
137.5°	4.2	5.0	5.8	6.6	7.5	8.5	9.2	9.8	10.4	11.2	12.0
140°	4.0	4.8	5.7	6.5	7.2	7.9	8.6	9.2	9.8	10.5	11.3
142.5°	3.8	4.5	5.3	5.9	6.6	7.3	7.9	8.5	9.1	9.7	10.4
145°	3.5	4.2	4.8	5.4	6.1	6.7	7.2	7.8	8.3	8.8	9.4
147.5°	3.2	3.8	4.4	5.0	5.5	6.1	6.6	7.1	7.6	8.1	8.6
150°	2.9	3.4	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.6	8.2
152.5°	2.6	3.1	3.6	4.1	4.6	5.1	5.6	6.1	6.7	7.2	7.6
155°	2.4	2.8	3.3	3.8	4.3	4.8	5.2	5.7	6.1	6.5	6.9
157.5°	2.2	2.6	3.1	3.5	3.9	4.3	4.7	5.1	5.6	6.0	6.5
160°	2.0	2.4	2.8	3.2	3.6	4.0	4.4	4.8	5.1	5.5	5.8
162.5°	1.8	2.2	2.5	2.8	3.2	3.5	3.8	4.1	4.5	4.8	5.2
165°	1.5	1.9	2.2	2.5	2.8	3.1	3.4	3.7	4.0	4.3	4.5
167.5°	1.3	1.6	1.9	2.1	2.4	2.6	2.9	3.1	3.3	3.5	3.8
170°	1.1	1.3	1.5	1.7	1.9	2.1	2.3	2.5	2.6	2.8	3.0
172.5°	0.8	1.0	1.1	1.3	1.4	1.6	1.7	1.9	2.0	2.2	2.3
175°	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6
177.5°	0.3	0.4	0.4	0.5	0.5	0.6	0.6	0.7	0.7	0.8	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: P231875

CATALOG NUMBER: FVS4WM-2-LD4-50-1LO-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°	0.9	0.9	1.0	1.0	1.1	1.1	1.2	1.2	1.2	1.3	1.3
5°	1.7	1.8	1.9	2.0	2.1	2.1	2.2	2.3	2.4	2.4	2.5
7.5°	2.5	2.6	2.7	2.9	3.0	3.1	3.2	3.4	3.5	3.6	3.7
10°	3.2	3.3	3.5	3.7	3.9	4.0	4.2	4.4	4.5	4.7	4.8
12.5°	4.0	4.2	4.4	4.5	4.7	4.9	5.1	5.3	5.5	5.7	5.9
15°	4.8	5.0	5.2	5.5	5.7	5.9	6.1	6.2	6.4	6.6	6.9
17.5°	5.5	5.8	6.1	6.4	6.6	6.9	7.1	7.3	7.5	7.6	7.8
20°	6.1	6.4	6.8	7.2	7.6	7.9	8.1	8.3	8.6	8.7	8.9
22.5°	6.9	7.2	7.5	7.9	8.3	8.7	9.1	9.4	9.6	9.9	10.1
25°	7.4	7.9	8.4	8.8	9.1	9.4	9.9	10.4	10.8	11.0	11.6
27.5°	8.0	8.4	8.9	9.5	10.0	10.4	11.1	12.0	13.1	14.1	15.0
30°	8.8	9.2	9.6	10.3	11.3	12.4	13.4	14.4	15.5	16.8	18.1
32.5°	9.2	10.1	11.0	11.8	12.7	13.9	15.2	16.5	17.7	19.1	20.7
35°	10.2	11.0	12.0	13.2	14.2	15.2	16.6	18.2	19.7	21.2	23.0
37.5°	11.2	12.1	13.0	14.1	15.4	16.6	17.9	19.5	21.4	23.2	25.1
40°	12.1	13.0	14.0	15.0	16.2	17.7	19.2	20.7	22.7	24.9	27.1
42.5°	12.8	13.7	14.7	15.9	17.1	18.6	20.3	22.0	23.8	26.3	28.8
45°	13.4	14.4	15.3	16.6	18.0	19.4	21.1	23.1	25.0	27.5	30.4
47.5°	13.7	14.9	16.0	17.2	18.7	20.2	21.9	24.0	26.2	28.5	31.8
50°	13.8	15.1	16.5	17.8	19.2	21.0	22.8	24.9	27.7	30.1	32.7
52.5°	13.6	15.1	16.7	18.4	19.7	22.2	24.8	27.3	29.9	32.2	34.1
55°	13.6	14.9	16.8	19.5	22.0	24.4	27.2	29.9	32.5	34.7	36.1
57.5°	13.7	15.8	18.3	21.1	24.1	26.8	29.6	32.5	35.3	37.4	38.5
60°	14.9	17.2	19.7	22.7	25.8	29.0	31.9	35.0	38.0	40.2	41.3
62.5°	15.9	18.4	21.2	24.1	27.5	31.1	34.3	37.5	40.7	43.2	44.3
65°	17.0	19.5	22.5	25.6	29.1	32.9	36.6	40.1	43.4	46.5	47.6
67.5°	18.1	20.5	23.7	27.1	30.7	34.7	38.9	42.7	46.2	49.6	50.7
70°	18.9	21.7	24.7	28.5	32.4	36.4	41.0	45.2	48.9	52.3	53.1
72.5°	19.8	22.9	25.8	29.8	34.0	37.9	42.3	46.2	49.4	51.9	52.7
75°	20.6	23.7	26.6	30.3	34.3	38.4	42.8	46.9	49.8	51.8	52.4
77.5°	21.0	24.0	27.1	30.6	34.8	39.1	43.5	47.7	50.4	51.9	52.2
80°	21.4	24.4	27.7	31.1	35.4	39.8	44.3	48.7	51.1	52.3	52.0
82.5°	21.9	24.9	28.4	31.6	36.0	40.7	45.2	49.8	52.0	52.7	51.8
85°	22.5	25.5	29.2	32.4	36.8	41.7	46.2	51.1	53.0	53.3	51.7
87.5°	23.2	26.3	30.1	33.3	37.8	42.8	47.4	52.5	54.1	53.9	51.5
90°	24.0	27.3	31.2	34.4	38.9	44.1	48.7	53.9	55.2	54.5	51.3
92.5°	23.2	26.3	30.1	33.3	37.8	42.8	47.4	52.5	54.1	53.9	51.5
95°	22.5	25.5	29.2	32.4	36.8	41.7	46.2	51.1	53.0	53.3	51.7
97.5°	21.9	24.9	28.4	31.6	36.0	40.7	45.2	49.8	52.0	52.7	51.8
100°	21.4	24.4	27.7	31.1	35.4	39.8	44.3	48.7	51.1	52.3	52.0
102.5°	21.0	24.0	27.1	30.6	34.8	39.1	43.5	47.7	50.4	51.9	52.2
105°	20.6	23.7	26.6	30.3	34.3	38.4	42.8	46.9	49.8	51.8	52.4
107.5°	19.8	22.9	25.8	29.8	34.0	37.9	42.3	46.2	49.4	51.9	52.7
110°	18.9	21.7	24.7	28.5	32.4	36.4	41.0	45.2	48.9	52.3	53.1



TEST NUMBER: P231875

CATALOG NUMBER: FVS4WM-2-LD4-50-1LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	18.1	20.5	23.7	27.1	30.7	34.7	38.9	42.7	46.2	49.6	50.7
115°	17.0	19.5	22.5	25.6	29.1	32.9	36.6	40.1	43.4	46.5	47.6
117.5°	15.9	18.4	21.2	24.1	27.5	31.1	34.3	37.5	40.7	43.2	44.3
120°	14.9	17.2	19.7	22.7	25.8	29.0	31.9	35.0	38.0	40.2	41.3
122.5°	13.7	15.8	18.3	21.1	24.1	26.8	29.6	32.5	35.3	37.4	38.5
125°	13.6	14.9	16.8	19.5	22.0	24.4	27.2	29.9	32.5	34.7	36.1
127.5°	13.6	15.1	16.7	18.4	19.7	22.2	24.8	27.3	29.9	32.2	34.1
130°	13.8	15.1	16.5	17.8	19.2	21.0	22.8	24.9	27.7	30.1	32.7
132.5°	13.7	14.9	16.0	17.2	18.7	20.2	21.9	24.0	26.2	28.5	31.8
135°	13.4	14.4	15.3	16.6	18.0	19.4	21.1	23.1	25.0	27.5	30.4
137.5°	12.8	13.7	14.7	15.9	17.1	18.6	20.3	22.0	23.8	26.3	28.8
140°	12.1	13.0	14.0	15.0	16.2	17.7	19.2	20.7	22.7	24.9	27.1
142.5°	11.2	12.1	13.0	14.1	15.4	16.6	17.9	19.5	21.4	23.2	25.1
145°	10.2	11.0	12.0	13.2	14.2	15.2	16.6	18.2	19.7	21.2	23.0
147.5°	9.2	10.1	11.0	11.8	12.7	13.9	15.2	16.5	17.7	19.1	20.7
150°	8.8	9.2	9.6	10.3	11.3	12.4	13.4	14.4	15.5	16.8	18.1
152.5°	8.0	8.4	8.9	9.5	10.0	10.4	11.1	12.0	13.1	14.1	15.0
155°	7.4	7.9	8.4	8.8	9.1	9.4	9.9	10.4	10.8	11.0	11.6
157.5°	6.9	7.2	7.5	7.9	8.3	8.7	9.1	9.4	9.6	9.9	10.1
160°	6.1	6.4	6.8	7.2	7.6	7.9	8.1	8.3	8.6	8.7	8.9
162.5°	5.5	5.8	6.1	6.4	6.6	6.9	7.1	7.3	7.5	7.6	7.8
165°	4.8	5.0	5.2	5.5	5.7	5.9	6.1	6.2	6.4	6.6	6.9
167.5°	4.0	4.2	4.4	4.5	4.7	4.9	5.1	5.3	5.5	5.7	5.9
170°	3.2	3.3	3.5	3.7	3.9	4.0	4.2	4.4	4.5	4.7	4.8
172.5°	2.5	2.6	2.7	2.9	3.0	3.1	3.2	3.4	3.5	3.6	3.7
175°	1.7	1.8	1.9	2.0	2.1	2.1	2.2	2.3	2.4	2.4	2.5
177.5°	0.9	0.9	1.0	1.0	1.1	1.1	1.2	1.2	1.2	1.3	1.3
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231875

CATALOG NUMBER: FVS4WM-2-LD4-50-1LO-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°	1.3	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.7
5°	2.6	2.7	2.7	2.8	2.8	2.9	2.9	3.0	3.0	3.0	3.4
7.5°	3.8	3.9	4.0	4.1	4.2	4.2	4.3	4.4	4.5	4.5	5.2
10°	4.9	5.1	5.2	5.3	5.4	5.6	5.7	5.8	5.9	6.0	6.8
12.5°	6.0	6.2	6.4	6.5	6.7	6.8	7.0	7.2	7.4	7.6	8.5
15°	7.1	7.3	7.5	7.7	7.9	8.1	8.3	8.6	8.8	9.1	10.2
17.5°	8.1	8.4	8.7	8.9	9.1	9.3	9.6	9.9	10.3	10.6	11.8
20°	9.1	9.4	9.7	10.1	10.3	10.6	10.8	11.3	11.7	12.1	13.5
22.5°	10.2	10.4	10.8	11.2	11.5	11.8	12.1	12.6	13.1	13.6	15.1
25°	12.3	12.9	13.6	14.3	15.0	15.5	15.9	16.4	16.9	17.4	19.0
27.5°	15.9	16.8	17.6	18.4	19.1	19.6	20.0	20.3	20.8	21.2	22.9
30°	19.2	20.4	21.5	22.5	23.2	23.8	24.1	24.3	24.7	25.1	26.8
32.5°	22.2	23.7	25.1	26.5	27.4	28.0	28.3	28.3	28.6	28.9	30.6
35°	24.9	26.8	28.6	30.2	31.6	32.2	32.5	32.4	32.6	32.7	34.5
37.5°	27.3	29.5	31.8	33.8	35.9	36.4	36.7	36.5	36.5	36.5	38.3
40°	29.5	32.1	34.7	37.3	39.6	40.7	41.0	40.7	40.5	40.4	42.2
42.5°	31.4	34.4	37.5	40.7	43.3	44.9	45.3	44.9	44.5	44.2	46.0
45°	33.3	36.6	40.0	43.6	46.8	49.2	49.6	49.1	48.5	48.0	49.8
47.5°	35.0	38.1	41.4	44.8	48.0	50.9	51.4	51.5	51.8	52.4	55.5
50°	35.5	38.3	41.7	45.1	48.4	51.6	52.9	53.8	55.0	56.8	61.4
52.5°	36.4	39.0	42.0	45.4	48.7	52.1	54.2	56.0	58.1	61.2	67.3
55°	37.8	39.8	42.5	45.8	49.0	52.7	55.5	58.0	61.2	65.6	73.3
57.5°	39.5	40.9	43.0	46.4	49.5	53.2	56.6	60.0	64.1	70.0	79.4
60°	41.6	42.2	43.8	47.0	50.0	53.7	57.7	61.8	67.1	74.4	85.6
62.5°	44.0	43.8	44.8	47.6	50.6	54.3	58.7	63.6	69.9	78.8	91.8
65°	46.7	45.8	46.1	48.4	51.3	54.8	59.6	65.3	72.8	83.2	98.1
67.5°	49.7	48.0	47.4	49.2	52.1	55.4	60.5	66.9	75.6	87.6	104.4
70°	51.6	49.2	48.0	49.2	51.9	55.0	60.0	66.4	75.0	87.3	104.2
72.5°	51.4	49.2	47.9	48.8	51.6	54.6	59.3	65.9	74.5	87.0	104.0
75°	51.2	49.1	47.9	48.6	51.2	54.3	58.7	65.3	74.0	86.7	104.3
77.5°	50.9	49.0	47.8	48.4	50.8	54.0	58.1	64.9	73.5	86.4	103.8
80°	50.6	48.8	47.7	48.2	50.5	53.7	57.6	64.4	73.0	86.2	103.3
82.5°	50.2	48.5	47.6	48.1	50.1	53.6	57.1	64.0	72.6	85.9	102.8
85°	49.7	48.1	47.6	48.0	49.8	53.4	56.6	63.6	72.2	85.6	102.3
87.5°	49.2	47.8	47.5	48.0	49.5	53.3	56.2	63.3	71.8	85.3	101.8
90°	48.7	47.4	47.4	48.0	49.3	53.2	55.8	63.0	71.4	85.0	101.3
92.5°	49.2	47.8	47.5	48.0	49.5	53.3	56.2	63.3	71.8	85.3	101.8
95°	49.7	48.1	47.6	48.0	49.8	53.4	56.6	63.6	72.2	85.6	102.3
97.5°	50.2	48.5	47.6	48.1	50.1	53.6	57.1	64.0	72.6	85.9	102.8
100°	50.6	48.8	47.7	48.2	50.5	53.7	57.6	64.4	73.0	86.2	103.3
102.5°	50.9	49.0	47.8	48.4	50.8	54.0	58.1	64.9	73.5	86.4	103.8
105°	51.2	49.1	47.9	48.6	51.2	54.3	58.7	65.3	74.0	86.7	104.3
107.5°	51.4	49.2	47.9	48.8	51.6	54.6	59.3	65.9	74.5	87.0	104.0
110°	51.6	49.2	48.0	49.2	51.9	55.0	60.0	66.4	75.0	87.3	104.2





TEST NUMBER: P231875

CATALOG NUMBER: FVS4WM-2-LD4-50-1LO-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°	49.7	48.0	47.4	49.2	52.1	55.4	60.5	66.9	75.6	87.6	104.4
115°	46.7	45.8	46.1	48.4	51.3	54.8	59.6	65.3	72.8	83.2	98.1
117.5°	44.0	43.8	44.8	47.6	50.6	54.3	58.7	63.6	69.9	78.8	91.8
120°	41.6	42.2	43.8	47.0	50.0	53.7	57.7	61.8	67.1	74.4	85.6
122.5°	39.5	40.9	43.0	46.4	49.5	53.2	56.6	60.0	64.1	70.0	79.4
125°	37.8	39.8	42.5	45.8	49.0	52.7	55.5	58.0	61.2	65.6	73.3
127.5°	36.4	39.0	42.0	45.4	48.7	52.1	54.2	56.0	58.1	61.2	67.3
130°	35.5	38.3	41.7	45.1	48.4	51.6	52.9	53.8	55.0	56.8	61.4
132.5°	35.0	38.1	41.4	44.8	48.0	50.9	51.4	51.5	51.8	52.4	55.5
135°	33.3	36.6	40.0	43.6	46.8	49.2	49.6	49.1	48.5	48.0	49.8
137.5°	31.4	34.4	37.5	40.7	43.3	44.9	45.3	44.9	44.5	44.2	46.0
140°	29.5	32.1	34.7	37.3	39.6	40.7	41.0	40.7	40.5	40.4	42.2
142.5°	27.3	29.5	31.8	33.8	35.9	36.4	36.7	36.5	36.5	36.5	38.3
145°	24.9	26.8	28.6	30.2	31.6	32.2	32.5	32.4	32.6	32.7	34.5
147.5°	22.2	23.7	25.1	26.5	27.4	28.0	28.3	28.3	28.6	28.9	30.6
150°	19.2	20.4	21.5	22.5	23.2	23.8	24.1	24.3	24.7	25.1	26.8
152.5°	15.9	16.8	17.6	18.4	19.1	19.6	20.0	20.3	20.8	21.2	22.9
155°	12.3	12.9	13.6	14.3	15.0	15.5	15.9	16.4	16.9	17.4	19.0
157.5°	10.2	10.4	10.8	11.2	11.5	11.8	12.1	12.6	13.1	13.6	15.1
160°	9.1	9.4	9.7	10.1	10.3	10.6	10.8	11.3	11.7	12.1	13.5
162.5°	8.1	8.4	8.7	8.9	9.1	9.3	9.6	9.9	10.3	10.6	11.8
165°	7.1	7.3	7.5	7.7	7.9	8.1	8.3	8.6	8.8	9.1	10.2
167.5°	6.0	6.2	6.4	6.5	6.7	6.8	7.0	7.2	7.4	7.6	8.5
170°	4.9	5.1	5.2	5.3	5.4	5.6	5.7	5.8	5.9	6.0	6.8
172.5°	3.8	3.9	4.0	4.1	4.2	4.2	4.3	4.4	4.5	4.5	5.2
175°	2.6	2.7	2.7	2.8	2.8	2.9	2.9	3.0	3.0	3.0	3.4
177.5°	1.3	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.7
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: P231875

CATALOG NUMBER: FVS4WM-2-LD4-50-1LO-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°	1.9	2.2	2.4	2.6	2.8	3.0	3.2	3.3	3.5	3.7	3.8
5°	3.9	4.3	4.7	5.1	5.5	5.8	6.2	6.6	6.9	7.2	7.6
7.5°	5.8	6.4	6.9	7.5	8.1	8.6	9.2	9.9	10.6	11.3	12.0
10°	7.6	8.4	9.2	9.9	10.7	11.7	12.6	13.6	14.5	15.4	16.3
12.5°	9.5	10.4	11.3	12.3	13.5	14.7	15.9	17.0	18.0	18.9	19.7
15°	11.3	12.4	13.5	14.9	16.3	17.7	19.0	20.1	21.2	22.3	23.4
17.5°	13.1	14.3	15.7	17.3	18.9	20.4	21.9	23.2	24.6	26.0	27.4
20°	14.8	16.2	17.9	19.7	21.4	23.2	24.9	26.5	28.3	30.0	31.6
22.5°	16.5	18.2	20.1	22.0	24.0	26.0	28.0	30.1	32.1	34.0	35.7
25°	20.5	22.2	24.1	26.0	28.1	30.1	32.2	34.3	36.2	37.9	39.8
27.5°	24.4	26.4	28.4	30.6	32.8	35.1	37.3	39.5	41.4	43.3	45.2
30°	28.4	30.5	32.6	35.0	37.6	39.9	42.2	44.4	46.6	48.6	50.6
32.5°	32.4	34.5	36.8	39.5	42.1	44.6	47.0	49.4	51.6	53.6	55.2
35°	36.3	38.5	41.0	43.9	46.5	49.3	51.7	54.2	56.3	58.1	59.1
37.5°	40.3	42.5	45.2	48.2	50.9	53.6	56.3	58.6	60.9	61.8	62.6
40°	44.1	46.4	49.4	52.4	55.2	58.0	60.8	62.8	64.3	65.3	65.4
42.5°	48.0	50.2	53.5	56.5	59.3	62.4	64.8	66.8	67.8	68.2	68.1
45°	51.8	54.2	57.6	60.5	63.5	66.6	68.7	70.1	71.1	70.8	70.9
47.5°	58.8	62.3	66.5	69.3	71.6	73.6	74.1	73.9	73.7	73.2	73.9
50°	66.1	71.2	76.7	79.9	82.3	83.6	83.7	83.0	81.2	79.5	78.6
52.5°	73.5	80.3	86.9	90.7	92.8	93.3	92.9	91.8	89.3	87.7	87.2
55°	81.2	89.6	97.1	101.4	103.2	102.9	101.9	100.0	97.4	95.6	95.7
57.5°	88.9	99.2	107.5	111.9	113.3	112.2	110.7	108.2	105.4	103.8	104.2
60°	96.8	108.9	117.9	122.2	122.9	121.4	119.4	116.2	113.2	112.1	112.8
62.5°	104.8	118.8	128.5	132.5	132.4	130.3	127.8	124.1	120.8	120.5	121.5
65°	112.9	128.8	139.0	142.6	141.8	139.2	136.1	132.0	128.2	128.8	129.9
67.5°	121.0	138.9	149.6	152.7	151.1	147.9	144.2	139.7	136.4	137.1	138.3
70°	121.2	139.8	151.8	156.4	156.0	153.5	150.2	146.2	144.1	145.2	147.4
72.5°	121.0	140.0	152.9	158.8	159.4	157.2	154.2	151.0	149.6	150.8	154.1
75°	120.8	140.1	154.0	161.4	163.0	160.9	158.5	156.0	155.0	156.3	160.2
77.5°	120.6	140.1	155.2	164.2	166.8	164.7	163.0	161.2	160.3	161.9	166.1
80°	120.7	140.0	156.4	167.0	170.8	168.6	167.6	166.5	165.4	167.5	171.8
82.5°	120.1	140.2	158.1	170.0	174.8	172.4	172.4	172.0	170.5	173.1	177.3
85°	119.4	139.6	158.8	173.2	179.0	176.3	177.2	177.6	175.5	178.6	182.6
87.5°	118.8	139.0	159.6	175.8	182.9	180.3	182.1	183.3	180.5	184.1	187.8
90°	118.1	138.3	160.3	178.5	186.9	184.3	186.9	188.9	185.6	189.5	192.8
92.5°	118.8	139.0	159.6	175.8	182.9	180.3	182.1	183.3	180.5	184.1	187.8
95°	119.4	139.6	158.8	173.2	179.0	176.3	177.2	177.6	175.5	178.6	182.6
97.5°	120.1	140.2	158.1	170.0	174.8	172.4	172.4	172.0	170.5	173.1	177.3
100°	120.7	140.0	156.4	167.0	170.8	168.6	167.6	166.5	165.4	167.5	171.8
102.5°	120.6	140.1	155.2	164.2	166.8	164.7	163.0	161.2	160.3	161.9	166.1
105°	120.8	140.1	154.0	161.4	163.0	160.9	158.5	156.0	155.0	156.3	160.2
107.5°	121.0	140.0	152.9	158.8	159.4	157.2	154.2	151.0	149.6	150.8	154.1
110°	121.2	139.8	151.8	156.4	156.0	153.5	150.2	146.2	144.1	145.2	147.4



TEST NUMBER: P231875

CATALOG NUMBER: FVS4WM-2-LD4-50-1LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	121.0	138.9	149.6	152.7	151.1	147.9	144.2	139.7	136.4	137.1	138.3
115°	112.9	128.8	139.0	142.6	141.8	139.2	136.1	132.0	128.2	128.8	129.9
117.5°	104.8	118.8	128.5	132.5	132.4	130.3	127.8	124.1	120.8	120.5	121.5
120°	96.8	108.9	117.9	122.2	122.9	121.4	119.4	116.2	113.2	112.1	112.8
122.5°	88.9	99.2	107.5	111.9	113.3	112.2	110.7	108.2	105.4	103.8	104.2
125°	81.2	89.6	97.1	101.4	103.2	102.9	101.9	100.0	97.4	95.6	95.7
127.5°	73.5	80.3	86.9	90.7	92.8	93.3	92.9	91.8	89.3	87.7	87.2
130°	66.1	71.2	76.7	79.9	82.3	83.6	83.7	83.0	81.2	79.5	78.6
132.5°	58.8	62.3	66.5	69.3	71.6	73.6	74.1	73.9	73.7	73.2	73.9
135°	51.8	54.2	57.6	60.5	63.5	66.6	68.7	70.1	71.1	70.8	70.9
137.5°	48.0	50.2	53.5	56.5	59.3	62.4	64.8	66.8	67.8	68.2	68.1
140°	44.1	46.4	49.4	52.4	55.2	58.0	60.8	62.8	64.3	65.3	65.4
142.5°	40.3	42.5	45.2	48.2	50.9	53.6	56.3	58.6	60.9	61.8	62.6
145°	36.3	38.5	41.0	43.9	46.5	49.3	51.7	54.2	56.3	58.1	59.1
147.5°	32.4	34.5	36.8	39.5	42.1	44.6	47.0	49.4	51.6	53.6	55.2
150°	28.4	30.5	32.6	35.0	37.6	39.9	42.2	44.4	46.6	48.6	50.6
152.5°	24.4	26.4	28.4	30.6	32.8	35.1	37.3	39.5	41.4	43.3	45.2
155°	20.5	22.2	24.1	26.0	28.1	30.1	32.2	34.3	36.2	37.9	39.8
157.5°	16.5	18.2	20.1	22.0	24.0	26.0	28.0	30.1	32.1	34.0	35.7
160°	14.8	16.2	17.9	19.7	21.4	23.2	24.9	26.5	28.3	30.0	31.6
162.5°	13.1	14.3	15.7	17.3	18.9	20.4	21.9	23.2	24.6	26.0	27.4
165°	11.3	12.4	13.5	14.9	16.3	17.7	19.0	20.1	21.2	22.3	23.4
167.5°	9.5	10.4	11.3	12.3	13.5	14.7	15.9	17.0	18.0	18.9	19.7
170°	7.6	8.4	9.2	9.9	10.7	11.7	12.6	13.6	14.5	15.4	16.3
172.5°	5.8	6.4	6.9	7.5	8.1	8.6	9.2	9.9	10.6	11.3	12.0
175°	3.9	4.3	4.7	5.1	5.5	5.8	6.2	6.6	6.9	7.2	7.6
177.5°	1.9	2.2	2.4	2.6	2.8	3.0	3.2	3.3	3.5	3.7	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: P231875

CATALOG NUMBER: FVS4WM-2-LD4-50-1LO-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°	4.0	4.2	4.3	4.4	4.6	4.7	4.8	4.9	5.0	5.1	5.1
5°	8.0	8.4	8.8	9.2	9.6	9.9	10.3	10.6	10.9	11.1	11.4
7.5°	12.7	13.3	13.9	14.5	15.0	15.3	15.6	15.8	16.0	16.2	16.4
10°	16.9	17.4	17.9	18.4	18.9	19.3	19.7	20.1	20.5	20.9	21.2
12.5°	20.4	21.2	21.9	22.6	23.4	24.1	24.7	25.3	25.8	26.2	26.4
15°	24.4	25.5	26.5	27.4	28.3	28.9	29.5	30.0	30.5	30.9	31.2
17.5°	28.7	30.2	31.0	31.9	32.8	33.6	34.3	35.0	35.5	36.0	36.4
20°	33.0	34.3	35.4	36.6	37.7	38.6	39.5	40.2	40.7	41.2	41.6
22.5°	37.2	38.7	40.2	41.6	42.9	43.6	44.3	45.0	45.6	46.4	47.2
25°	41.8	43.7	45.6	46.4	47.2	48.0	48.8	49.6	50.4	51.3	52.2
27.5°	47.1	48.6	49.4	50.4	51.0	51.7	52.6	53.4	54.4	55.4	56.6
30°	52.0	52.9	53.6	53.9	54.1	54.7	55.7	56.7	58.0	59.4	60.9
32.5°	56.1	56.8	57.0	57.3	57.8	58.4	59.1	59.9	61.6	64.3	66.9
35°	59.7	59.9	60.2	60.9	61.6	62.5	63.3	65.4	67.4	70.4	74.5
37.5°	62.7	63.0	63.7	64.5	65.6	67.2	69.5	72.1	75.7	79.4	83.9
40°	65.5	66.3	67.2	68.4	70.4	72.9	76.5	80.5	85.6	91.3	97.2
42.5°	68.7	69.5	70.9	73.0	75.7	79.9	84.4	90.9	97.9	105.3	113.0
45°	71.7	73.1	75.0	77.9	82.3	87.3	94.8	102.5	111.5	120.6	130.6
47.5°	75.0	76.6	79.6	83.8	89.3	97.3	105.8	115.7	126.3	137.3	149.2
50°	78.7	80.9	84.4	90.3	98.3	107.3	117.9	129.5	142.3	155.3	168.9
52.5°	87.5	88.7	92.3	97.8	107.6	118.3	130.5	144.2	158.6	174.0	190.4
55°	96.5	98.7	103.6	110.4	119.3	129.7	143.3	159.1	175.6	193.3	212.5
57.5°	105.4	109.2	115.0	122.6	132.3	144.4	158.6	174.4	192.8	213.3	234.1
60°	114.5	119.4	126.0	134.5	145.3	158.4	174.1	191.6	211.1	232.6	253.3
62.5°	124.4	129.8	136.4	145.5	157.6	172.3	189.1	207.6	228.7	249.3	271.9
65°	134.0	139.6	146.7	156.5	169.2	184.9	202.8	222.6	243.1	264.6	289.5
67.5°	143.4	148.7	156.2	166.9	180.6	196.9	215.2	235.1	255.1	279.1	308.3
70°	152.4	157.4	164.8	176.3	190.8	207.8	226.0	245.2	266.3	292.0	325.2
72.5°	159.5	165.3	173.4	185.2	200.0	218.0	234.7	253.3	275.9	304.3	340.0
75°	165.7	172.2	180.8	192.1	206.7	223.8	241.2	259.9	283.2	313.5	353.3
77.5°	171.8	178.9	187.2	197.7	211.6	227.8	244.8	264.8	290.6	323.4	363.5
80°	177.9	185.3	192.9	202.1	215.3	230.7	247.1	268.4	296.8	333.5	374.6
82.5°	183.8	191.4	197.8	205.5	218.0	232.5	248.3	270.7	301.5	341.3	383.2
85°	189.6	197.3	202.3	208.2	219.8	233.4	248.4	271.7	304.7	346.6	389.2
87.5°	195.3	203.1	206.5	210.4	221.0	233.8	247.9	272.1	307.1	350.6	393.9
90°	200.6	208.4	210.3	212.2	221.3	233.0	246.0	270.0	305.7	349.2	392.7
92.5°	195.3	203.1	206.5	210.4	221.0	233.8	247.9	272.1	307.1	350.6	393.9
95°	189.6	197.3	202.3	208.2	219.8	233.4	248.4	271.7	304.7	346.6	389.2
97.5°	183.8	191.4	197.8	205.5	218.0	232.5	248.3	270.7	301.5	341.3	383.2
100°	177.9	185.3	192.9	202.1	215.3	230.7	247.1	268.4	296.8	333.5	374.6
102.5°	171.8	178.9	187.2	197.7	211.6	227.8	244.8	264.8	290.6	323.4	363.5
105°	165.7	172.2	180.8	192.1	206.7	223.8	241.2	259.9	283.2	313.5	353.3
107.5°	159.5	165.3	173.4	185.2	200.0	218.0	234.7	253.3	275.9	304.3	340.0
110°	152.4	157.4	164.8	176.3	190.8	207.8	226.0	245.2	266.3	292.0	325.2



TEST NUMBER: P231875

CATALOG NUMBER: FVS4WM-2-LD4-50-1LO-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°	143.4	148.7	156.2	166.9	180.6	196.9	215.2	235.1	255.1	279.1	308.3
115°	134.0	139.6	146.7	156.5	169.2	184.9	202.8	222.6	243.1	264.6	289.5
117.5°	124.4	129.8	136.4	145.5	157.6	172.3	189.1	207.6	228.7	249.3	271.9
120°	114.5	119.4	126.0	134.5	145.3	158.4	174.1	191.6	211.1	232.6	253.3
122.5°	105.4	109.2	115.0	122.6	132.3	144.4	158.6	174.4	192.8	213.3	234.1
125°	96.5	98.7	103.6	110.4	119.3	129.7	143.3	159.1	175.6	193.3	212.5
127.5°	87.5	88.7	92.3	97.8	107.6	118.3	130.5	144.2	158.6	174.0	190.4
130°	78.7	80.9	84.4	90.3	98.3	107.3	117.9	129.5	142.3	155.3	168.9
132.5°	75.0	76.6	79.6	83.8	89.3	97.3	105.8	115.7	126.3	137.3	149.2
135°	71.7	73.1	75.0	77.9	82.3	87.3	94.8	102.5	111.5	120.6	130.6
137.5°	68.7	69.5	70.9	73.0	75.7	79.9	84.4	90.9	97.9	105.3	113.0
140°	65.5	66.3	67.2	68.4	70.4	72.9	76.5	80.5	85.6	91.3	97.2
142.5°	62.7	63.0	63.7	64.5	65.6	67.2	69.5	72.1	75.7	79.4	83.9
145°	59.7	59.9	60.2	60.9	61.6	62.5	63.3	65.4	67.4	70.4	74.5
147.5°	56.1	56.8	57.0	57.3	57.8	58.4	59.1	59.9	61.6	64.3	66.9
150°	52.0	52.9	53.6	53.9	54.1	54.7	55.7	56.7	58.0	59.4	60.9
152.5°	47.1	48.6	49.4	50.4	51.0	51.7	52.6	53.4	54.4	55.4	56.6
155°	41.8	43.7	45.6	46.4	47.2	48.0	48.8	49.6	50.4	51.3	52.2
157.5°	37.2	38.7	40.2	41.6	42.9	43.6	44.3	45.0	45.6	46.4	47.2
160°	33.0	34.3	35.4	36.6	37.7	38.6	39.5	40.2	40.7	41.2	41.6
162.5°	28.7	30.2	31.0	31.9	32.8	33.6	34.3	35.0	35.5	36.0	36.4
165°	24.4	25.5	26.5	27.4	28.3	28.9	29.5	30.0	30.5	30.9	31.2
167.5°	20.4	21.2	21.9	22.6	23.4	24.1	24.7	25.3	25.8	26.2	26.4
170°	16.9	17.4	17.9	18.4	18.9	19.3	19.7	20.1	20.5	20.9	21.2
172.5°	12.7	13.3	13.9	14.5	15.0	15.3	15.6	15.8	16.0	16.2	16.4
175°	8.0	8.4	8.8	9.2	9.6	9.9	10.3	10.6	10.9	11.1	11.4
177.5°	4.0	4.2	4.3	4.4	4.6	4.7	4.8	4.9	5.0	5.1	5.1
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: P231875

CATALOG NUMBER: FVS4WM-2-LD4-50-1LO-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°	5.2	5.3	5.3	5.3	5.4	5.4	5.6	5.5	5.4	5.4	5.3
5°	11.6	11.8	12.0	12.1	12.3	12.3	12.4	12.5	12.7	12.6	12.5
7.5°	16.6	16.7	16.8	16.8	16.9	16.9	16.9	16.8	16.7	16.7	16.6
10°	21.5	21.7	21.9	22.1	22.2	22.2	22.2	22.2	22.1	22.2	21.9
12.5°	26.7	26.8	26.9	27.0	27.0	26.9	26.9	26.7	26.5	26.3	26.1
15°	31.5	31.6	31.8	31.8	31.8	31.7	31.5	31.3	31.0	30.6	30.3
17.5°	36.6	36.9	37.0	37.1	37.2	37.1	37.1	36.9	36.7	36.4	36.1
20°	41.9	42.3	42.9	43.4	43.9	44.3	44.7	45.0	45.2	45.3	45.5
22.5°	48.0	48.8	49.5	50.1	50.7	51.2	51.7	52.1	52.4	52.6	53.0
25°	53.1	54.0	54.9	55.8	56.7	57.5	58.2	58.8	59.4	59.8	60.2
27.5°	57.8	59.0	60.1	61.6	63.2	64.7	66.1	67.3	68.4	69.3	70.0
30°	63.0	65.2	67.3	69.4	72.0	74.4	76.6	78.6	80.3	81.8	83.0
32.5°	69.8	73.2	76.5	79.7	83.2	86.8	90.1	93.0	95.5	97.6	99.3
35°	78.4	83.3	88.3	93.0	97.6	103.1	108.1	112.6	116.7	120.1	123.0
37.5°	89.9	96.0	103.2	110.1	116.7	123.1	128.9	133.9	138.3	142.0	144.9
40°	103.9	111.8	120.4	128.7	136.3	143.7	150.8	157.1	162.5	167.1	170.7
42.5°	121.4	129.7	139.1	149.2	158.5	167.3	176.1	183.7	190.1	195.4	199.4
45°	140.4	150.7	160.3	172.5	184.3	196.1	204.6	213.0	219.8	225.2	229.2
47.5°	161.0	173.9	186.8	199.4	212.7	224.5	235.8	246.3	255.0	262.0	267.2
50°	184.0	199.0	214.3	228.8	244.4	259.0	272.7	285.9	297.1	306.1	312.9
52.5°	207.8	225.1	242.8	260.5	279.6	298.4	315.1	333.5	348.8	360.7	369.3
55°	231.8	251.2	271.6	294.0	318.1	346.0	369.9	386.8	399.1	407.8	413.2
57.5°	254.5	277.1	301.2	331.6	364.7	391.3	417.0	430.7	439.6	446.3	450.6
60°	276.7	302.7	335.4	368.4	400.1	427.5	449.7	464.1	470.6	476.2	480.5
62.5°	297.8	330.8	365.6	400.3	430.5	456.1	473.9	486.8	494.7	500.5	504.2
65°	321.0	355.5	392.7	428.1	457.9	481.2	497.4	509.4	515.5	519.7	522.7
67.5°	342.5	380.0	418.8	455.4	485.3	506.0	519.3	526.4	531.5	536.7	539.8
70°	362.8	402.6	442.8	481.7	510.3	526.0	535.9	542.7	548.8	552.9	556.8
72.5°	380.2	421.3	462.9	500.5	526.8	541.8	549.5	556.5	562.6	566.0	570.0
75°	394.3	436.5	479.4	516.2	540.4	552.0	561.1	567.9	573.2	577.1	580.2
77.5°	404.6	448.0	495.1	530.1	549.3	560.7	569.7	576.5	581.4	585.6	589.3
80°	415.6	460.2	507.0	541.4	557.8	567.7	576.5	583.0	588.7	594.1	597.1
82.5°	425.1	472.1	517.4	547.5	562.5	572.8	582.1	588.4	594.3	598.5	602.8
85°	431.3	479.5	524.8	552.3	565.4	576.3	585.4	591.7	598.2	602.9	608.0
87.5°	435.6	482.4	528.5	555.7	567.3	577.5	587.3	592.8	600.2	604.4	610.7
90°	433.6	481.0	528.3	556.9	567.9	577.0	588.1	592.6	599.1	604.9	608.8
92.5°	435.6	482.4	528.5	555.7	567.3	577.5	587.3	592.8	600.2	604.4	610.7
95°	431.3	479.5	524.8	552.3	565.4	576.3	585.4	591.7	598.2	602.9	608.0
97.5°	425.1	472.1	517.4	547.5	562.5	572.8	582.1	588.4	594.3	598.5	602.8
100°	415.6	460.2	507.0	541.4	557.8	567.7	576.5	583.0	588.7	594.1	597.1
102.5°	404.6	448.0	495.1	530.1	549.3	560.7	569.7	576.5	581.4	585.6	589.3
105°	394.3	436.5	479.4	516.2	540.4	552.0	561.1	567.9	573.2	577.1	580.2
107.5°	380.2	421.3	462.9	500.5	526.8	541.8	549.5	556.5	562.6	566.0	570.0
110°	362.8	402.6	442.8	481.7	510.3	526.0	535.9	542.7	548.8	552.9	556.8



TEST NUMBER: P231875

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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°	342.5	380.0	418.8	455.4	485.3	506.0	519.3	526.4	531.5	536.7	539.8
115°	321.0	355.5	392.7	428.1	457.9	481.2	497.4	509.4	515.5	519.7	522.7
117.5°	297.8	330.8	365.6	400.3	430.5	456.1	473.9	486.8	494.7	500.5	504.2
120°	276.7	302.7	335.4	368.4	400.1	427.5	449.7	464.1	470.6	476.2	480.5
122.5°	254.5	277.1	301.2	331.6	364.7	391.3	417.0	430.7	439.6	446.3	450.6
125°	231.8	251.2	271.6	294.0	318.1	346.0	369.9	386.8	399.1	407.8	413.2
127.5°	207.8	225.1	242.8	260.5	279.6	298.4	315.1	333.5	348.8	360.7	369.3
130°	184.0	199.0	214.3	228.8	244.4	259.0	272.7	285.9	297.1	306.1	312.9
132.5°	161.0	173.9	186.8	199.4	212.7	224.5	235.8	246.3	255.0	262.0	267.2
135°	140.4	150.7	160.3	172.5	184.3	196.1	204.6	213.0	219.8	225.2	229.2
137.5°	121.4	129.7	139.1	149.2	158.5	167.3	176.1	183.7	190.1	195.4	199.4
140°	103.9	111.8	120.4	128.7	136.3	143.7	150.8	157.1	162.5	167.1	170.7
142.5°	89.9	96.0	103.2	110.1	116.7	123.1	128.9	133.9	138.3	142.0	144.9
145°	78.4	83.3	88.3	93.0	97.6	103.1	108.1	112.6	116.7	120.1	123.0
147.5°	69.8	73.2	76.5	79.7	83.2	86.8	90.1	93.0	95.5	97.6	99.3
150°	63.0	65.2	67.3	69.4	72.0	74.4	76.6	78.6	80.3	81.8	83.0
152.5°	57.8	59.0	60.1	61.6	63.2	64.7	66.1	67.3	68.4	69.3	70.0
155°	53.1	54.0	54.9	55.8	56.7	57.5	58.2	58.8	59.4	59.8	60.2
157.5°	48.0	48.8	49.5	50.1	50.7	51.2	51.7	52.1	52.4	52.6	53.0
160°	41.9	42.3	42.9	43.4	43.9	44.3	44.7	45.0	45.2	45.3	45.5
162.5°	36.6	36.9	37.0	37.1	37.2	37.1	37.1	36.9	36.7	36.4	36.1
165°	31.5	31.6	31.8	31.8	31.8	31.7	31.5	31.3	31.0	30.6	30.3
167.5°	26.7	26.8	26.9	27.0	27.0	26.9	26.9	26.7	26.5	26.3	26.1
170°	21.5	21.7	21.9	22.1	22.2	22.2	22.2	22.2	22.1	22.2	21.9
172.5°	16.6	16.7	16.8	16.8	16.9	16.9	16.9	16.8	16.7	16.7	16.6
175°	11.6	11.8	12.0	12.1	12.3	12.3	12.4	12.5	12.7	12.6	12.5
177.5°	5.2	5.3	5.3	5.3	5.4	5.4	5.6	5.5	5.4	5.4	5.3
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
0°	0.0	0.0
2.5°	5.3	5.2
5°	12.4	12.3
7.5°	16.4	16.2
10°	21.7	21.4
12.5°	25.7	25.3
15°	29.7	29.2
17.5°	35.6	35.0
20°	45.2	44.8
22.5°	52.8	52.6
25°	60.4	60.4
27.5°	70.6	70.7
30°	84.0	84.4
32.5°	100.7	101.3
35°	125.5	126.6
37.5°	147.5	148.6
40°	173.9	175.2
42.5°	202.7	203.8
45°	232.4	233.0
47.5°	271.4	272.0
50°	318.5	319.3
52.5°	376.2	376.5
55°	416.6	414.8
57.5°	453.7	451.8
60°	484.2	483.6
62.5°	505.9	505.6
65°	524.3	524.4
67.5°	540.9	540.0
70°	559.7	560.8
72.5°	572.1	572.5
75°	583.1	584.8
77.5°	592.3	593.2
80°	599.5	600.4
82.5°	606.1	608.8
85°	610.2	610.8
87.5°	614.5	611.4
90°	610.8	616.6
92.5°	614.5	611.4
95°	610.2	610.8
97.5°	606.1	608.8
100°	599.5	600.4
102.5°	592.3	593.2
105°	583.1	584.8
107.5°	572.1	572.5
110°	559.7	560.8





TEST NUMBER: P231875

CATALOG NUMBER: FVS4WM-2-LD4-50-1LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
112.5°	540.9	540.0
115°	524.3	524.4
117.5°	505.9	505.6
120°	484.2	483.6
122.5°	453.7	451.8
125°	416.6	414.8
127.5°	376.2	376.5
130°	318.5	319.3
132.5°	271.4	272.0
135°	232.4	233.0
137.5°	202.7	203.8
140°	173.9	175.2
142.5°	147.5	148.6
145°	125.5	126.6
147.5°	100.7	101.3
150°	84.0	84.4
152.5°	70.6	70.7
155°	60.4	60.4
157.5°	52.8	52.6
160°	45.2	44.8
162.5°	35.6	35.0
165°	29.7	29.2
167.5°	25.7	25.3
170°	21.7	21.4
172.5°	16.4	16.2
175°	12.4	12.3
177.5°	5.3	5.2
180°	0.0	0.0

(END OF REPORT)