

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: P232028

Luminaire Tested: **FVS4WM-3-LD4-30-1LO-PFS125-UNV-EDC1**

Issue Date: 3/3/2020



**Test Information**

Test Method: LM-79-08  
Report Number: P232028  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1706-121-24)  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: FAIL-SAFE  
Catalog Number: FVS4WM-3-LD4-30-1LO-PFS125-UNV-EDC1  
Description: FAILSAFE FVS LED FIXTURE  
3FT LENGTH, 1-MODULE LED WITH PFS125 LENS  
Light Source: (84) 3000K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

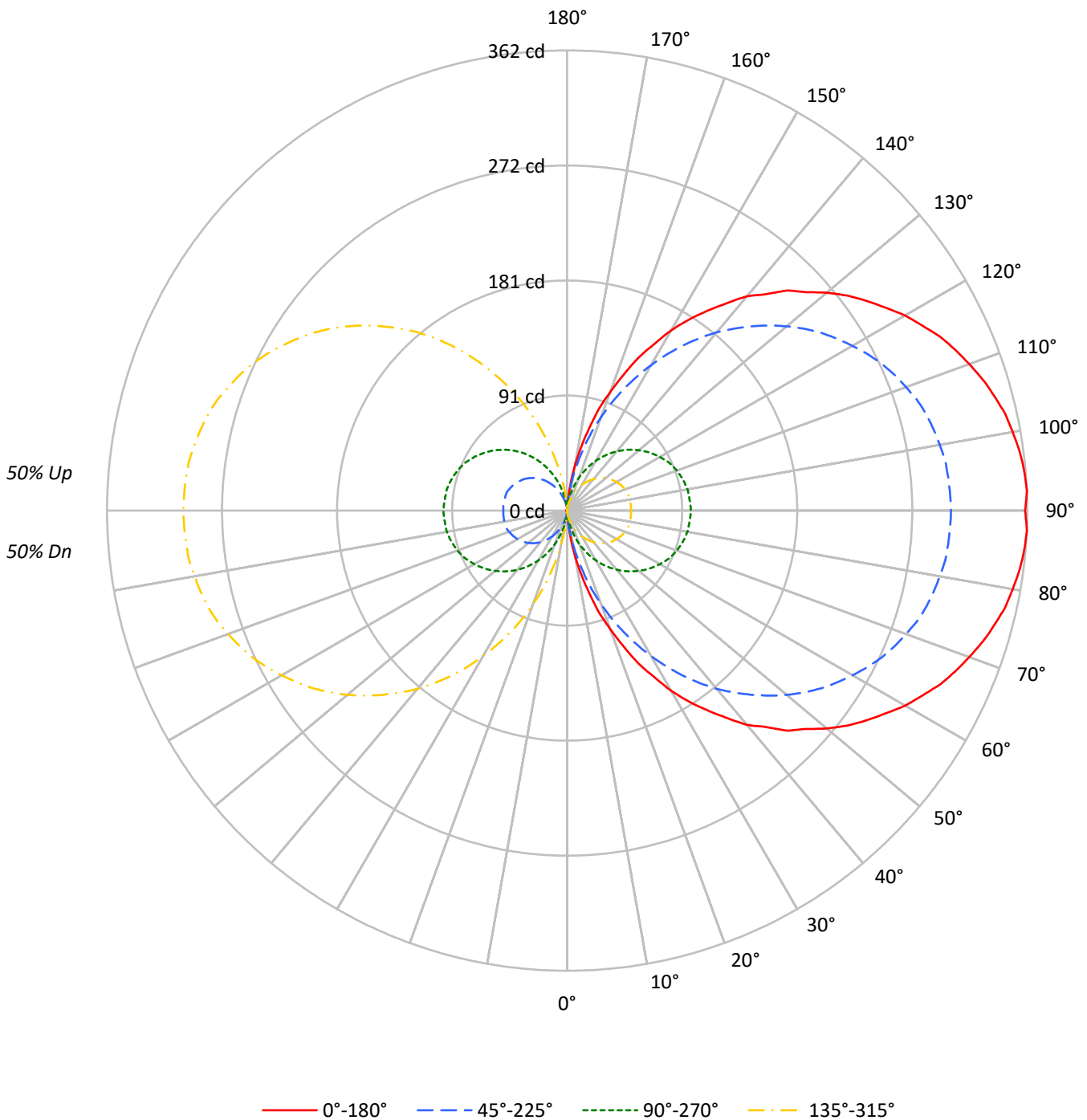
Lumens per Lamp: N/A  
Luminaire Lumens: 1544.5 lumens  
Efficiency: N/A  
Efficacy: 72.5 lumens/watt  
Spacing Criteria (0/90/45): - / - / -  
Luminous Opening: Rectangular w/ Sides (W: 2.92' x L: 0.19' x H: 0.31')  
CIE Type: General Diffuse

Input Watts (W): 21.3  
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





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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	50	30	10	0	
RCR																						
0	107	107	107	107	99	99	99	99	83	83	83	69	69	69	56	56	56	50				
1	92	85	79	74	84	78	72	68	64	60	56	52	49	46	40	38	36	30				
2	81	71	63	55	74	65	57	51	53	47	42	42	38	34	32	29	26	21				
3	73	61	51	43	66	55	47	40	45	38	33	35	30	26	27	23	19	15				
4	66	52	43	35	59	48	39	32	39	32	26	30	25	21	23	19	15	11				
5	60	46	36	29	54	42	33	26	34	27	22	27	21	17	20	16	12	9				
6	55	41	31	24	49	37	28	22	30	23	18	24	18	14	18	13	10	7				
7	50	36	27	21	45	33	25	19	27	20	15	21	16	12	16	12	8	6				
8	46	32	24	18	42	30	22	16	24	18	13	19	14	10	14	10	7	5				
9	43	29	21	15	39	27	19	14	22	16	11	17	12	9	13	9	6	4				
10	40	27	19	13	36	24	17	12	20	14	10	16	11	8	12	8	5	3				

**AVERAGE LUMINANCE (cd/sqm):**

	0°	90°	180°	270°
0°	0	0	0	0
5°	193	61	0	61
10°	575	206	0	206
15°	944	368	0	368
20°	1293	562	0	562
25°	1622	757	0	757
30°	1896	970	0	970
35°	2124	1191	0	1191
40°	2358	1433	0	1433
45°	2556	1700	0	1700
50°	2734	2004	0	2004
55°	2921	2363	0	2363
60°	3109	2799	0	2799
65°	3296	3359	0	3359
70°	3473	4081	6	4081
75°	3664	5123	6	5123
80°	3860	6776	0	6776
85°	4065	9816	0	9816



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	0.8	0.1
10°-20°	8.6	0.6
20°-30°	26.9	1.7
30°-40°	53.5	3.5
40°-50°	84.7	5.5
50°-60°	116.1	7.5
60°-70°	143.8	9.3
70°-80°	164.0	10.6
80°-90°	173.9	11.3
90°-100°	173.9	11.3
100°-110°	164.0	10.6
110°-120°	143.8	9.3
120°-130°	116.1	7.5
130°-140°	84.7	5.5
140°-150°	53.5	3.5
150°-160°	26.9	1.7
160°-170°	8.6	0.6
170°-180°	0.8	0.1
0°-30°	36.3	2.3
0°-40°	89.8	5.8
0°-60°	290.6	18.8
0°-90°	772.2	50.0
90°-120°	481.7	31.2
90°-150°	736.0	47.7
90°-180°	772.0	50.0
0°-180°	1544.5	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	0	0	0	0	0	
5°	11	3	0	3	11	2
15°	67	19	0	19	67	20
25°	133	37	0	37	133	62
35°	192	53	0	53	192	121
45°	245	68	0	68	245	189
55°	288	79	0	79	288	258
65°	324	89	0	89	324	321
75°	348	94	1	94	348	368
85°	361	97	0	97	361	294
90°	360	97	0	97	360	198
95°	361	97	0	97	361	294
105°	348	94	1	94	348	368
115°	324	89	0	89	324	321
125°	288	79	0	79	288	258
135°	245	68	0	68	245	189
145°	192	53	0	53	192	121
155°	133	37	0	37	133	62
165°	67	19	0	19	67	20
175°	11	3	0	3	11	2
180°	0	0	0	0	0	



TEST NUMBER: P232028

CATALOG NUMBER: FVS4WM-3-LD4-30-1LO-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (FULL):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	3.7	3.8	3.8	3.9	4.0	4.0	4.1	4.0	4.0	4.0	4.0
5°	11.2	11.4	11.6	11.8	11.9	11.8	11.8	11.8	11.7	11.6	11.5
7.5°	22.9	23.2	23.4	23.6	23.4	23.3	23.2	23.0	22.8	22.5	22.1
10°	37.2	37.5	37.9	38.2	37.6	37.5	37.2	36.8	36.3	35.7	35.0
12.5°	51.5	51.9	52.3	52.1	52.0	51.8	51.5	51.0	50.3	49.6	48.9
15°	67.0	67.6	68.2	67.9	67.8	67.5	67.1	66.4	65.6	64.9	64.0
17.5°	85.0	85.2	85.4	84.5	84.0	83.3	82.4	81.8	81.2	80.3	79.3
20°	99.2	99.8	100.3	99.8	99.5	98.9	98.3	97.8	97.1	96.1	94.9
22.5°	115.3	115.9	116.6	115.9	115.5	114.9	114.6	114.1	113.2	112.2	110.8
25°	132.7	133.1	132.9	132.5	131.8	131.4	130.9	130.1	129.1	127.8	126.5
27.5°	147.0	147.8	147.9	147.9	147.5	147.2	146.6	145.7	144.4	143.3	141.8
30°	163.7	164.0	163.6	163.0	162.7	162.4	161.7	160.7	159.6	158.1	156.4
32.5°	178.0	178.4	178.0	177.4	177.4	177.1	176.5	175.8	174.9	173.5	171.4
35°	191.6	192.1	191.7	191.3	191.7	191.6	191.0	190.4	189.5	188.1	186.2
37.5°	205.3	205.8	205.3	205.2	205.5	205.5	205.2	204.4	203.1	201.7	199.8
40°	220.1	220.1	219.1	218.9	218.9	218.6	218.6	218.1	217.0	215.1	212.9
42.5°	230.7	231.2	230.9	231.4	231.6	231.5	231.1	230.4	229.5	228.0	225.9
45°	244.9	244.3	242.7	243.5	243.8	243.9	243.5	243.4	242.0	240.5	238.5
47.5°	254.2	254.6	254.2	254.9	255.3	255.7	255.6	255.1	254.0	252.4	250.2
50°	266.6	267.0	266.5	266.5	266.7	266.8	266.9	266.4	265.6	264.4	262.0
52.5°	277.8	277.8	277.3	277.4	277.8	277.9	278.3	277.6	276.4	274.8	272.8
55°	287.7	287.7	287.1	287.1	288.1	288.5	288.6	288.2	287.0	285.3	282.7
57.5°	297.0	297.0	297.0	297.5	298.1	298.7	298.8	298.4	297.3	295.3	293.2
60°	307.0	306.4	306.0	306.6	307.4	308.1	308.2	307.8	306.7	304.6	302.0
62.5°	315.0	314.6	314.2	314.9	315.8	317.0	317.2	316.4	315.2	313.0	309.8
65°	323.7	322.8	322.5	323.2	324.1	325.4	325.2	324.6	323.2	320.8	317.9
67.5°	330.5	329.7	329.8	330.8	331.9	332.8	332.5	331.7	330.2	327.6	324.8
70°	336.7	335.7	336.1	337.1	338.7	339.6	339.2	337.9	336.0	333.7	330.9
72.5°	342.9	341.9	341.7	342.9	344.2	345.2	344.5	343.6	341.6	339.0	336.0
75°	347.9	346.3	347.2	348.4	349.8	349.7	349.0	347.9	346.4	343.7	340.5
77.5°	352.8	350.7	351.8	353.4	353.9	353.8	352.6	351.7	350.1	347.5	344.5
80°	355.9	354.2	355.7	356.8	356.9	356.4	355.7	355.2	353.2	350.5	347.6
82.5°	359.0	357.2	359.0	358.7	358.7	358.8	358.0	356.8	355.2	352.9	349.8
85°	360.9	359.9	359.8	359.9	360.1	360.0	359.3	358.4	356.8	354.5	350.9
87.5°	362.1	360.7	359.8	359.8	360.2	360.2	359.5	358.1	356.8	354.7	351.4
90°	360.3	357.2	357.2	358.4	359.0	359.0	359.0	357.8	356.6	354.7	351.0
92.5°	362.1	360.7	359.8	359.8	360.2	360.2	359.5	358.1	356.8	354.7	351.4
95°	360.9	359.9	359.8	359.9	360.1	360.0	359.3	358.4	356.8	354.5	350.9
97.5°	359.0	357.2	359.0	358.7	358.7	358.8	358.0	356.8	355.2	352.9	349.8
100°	355.9	354.2	355.7	356.8	356.9	356.4	355.7	355.2	353.2	350.5	347.6
102.5°	352.8	350.7	351.8	353.4	353.9	353.8	352.6	351.7	350.1	347.5	344.5
105°	347.9	346.3	347.2	348.4	349.8	349.7	349.0	347.9	346.4	343.7	340.5
107.5°	342.9	341.9	341.7	342.9	344.2	345.2	344.5	343.6	341.6	339.0	336.0
110°	336.7	335.7	336.1	337.1	338.7	339.6	339.2	337.9	336.0	333.7	330.9



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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°	330.5	329.7	329.8	330.8	331.9	332.8	332.5	331.7	330.2	327.6	324.8
115°	323.7	322.8	322.5	323.2	324.1	325.4	325.2	324.6	323.2	320.8	317.9
117.5°	315.0	314.6	314.2	314.9	315.8	317.0	317.2	316.4	315.2	313.0	309.8
120°	307.0	306.4	306.0	306.6	307.4	308.1	308.2	307.8	306.7	304.6	302.0
122.5°	297.0	297.0	297.0	297.5	298.1	298.7	298.8	298.4	297.3	295.3	293.2
125°	287.7	287.7	287.1	287.1	288.1	288.5	288.6	288.2	287.0	285.3	282.7
127.5°	277.8	277.8	277.3	277.4	277.8	277.9	278.3	277.6	276.4	274.8	272.8
130°	266.6	267.0	266.5	266.5	266.7	266.8	266.9	266.4	265.6	264.4	262.0
132.5°	254.2	254.6	254.2	254.9	255.3	255.7	255.6	255.1	254.0	252.4	250.2
135°	244.9	244.3	242.7	243.5	243.8	243.9	243.5	243.4	242.0	240.5	238.5
137.5°	230.7	231.2	230.9	231.4	231.6	231.5	231.1	230.4	229.5	228.0	225.9
140°	220.1	220.1	219.1	218.9	218.9	218.6	218.6	218.1	217.0	215.1	212.9
142.5°	205.3	205.8	205.3	205.2	205.5	205.5	205.2	204.4	203.1	201.7	199.8
145°	191.6	192.1	191.7	191.3	191.7	191.6	191.0	190.4	189.5	188.1	186.2
147.5°	178.0	178.4	178.0	177.4	177.4	177.1	176.5	175.8	174.9	173.5	171.4
150°	163.7	164.0	163.6	163.0	162.7	162.4	161.7	160.7	159.6	158.1	156.4
152.5°	147.0	147.8	147.9	147.9	147.5	147.2	146.6	145.7	144.4	143.3	141.8
155°	132.7	133.1	132.9	132.5	131.8	131.4	130.9	130.1	129.1	127.8	126.5
157.5°	115.3	115.9	116.6	115.9	115.5	114.9	114.6	114.1	113.2	112.2	110.8
160°	99.2	99.8	100.3	99.8	99.5	98.9	98.3	97.8	97.1	96.1	94.9
162.5°	85.0	85.2	85.4	84.5	84.0	83.3	82.4	81.8	81.2	80.3	79.3
165°	67.0	67.6	68.2	67.9	67.8	67.5	67.1	66.4	65.6	64.9	64.0
167.5°	51.5	51.9	52.3	52.1	52.0	51.8	51.5	51.0	50.3	49.6	48.9
170°	37.2	37.5	37.9	38.2	37.6	37.5	37.2	36.8	36.3	35.7	35.0
172.5°	22.9	23.2	23.4	23.6	23.4	23.3	23.2	23.0	22.8	22.5	22.1
175°	11.2	11.4	11.6	11.8	11.9	11.8	11.8	11.8	11.7	11.6	11.5
177.5°	3.7	3.8	3.8	3.9	4.0	4.0	4.1	4.0	4.0	4.0	4.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	4.0	4.0	4.0	3.9	3.9	3.8	3.8	3.7	3.6	3.6	3.5
5°	11.4	11.2	11.0	10.7	10.4	10.1	9.7	9.3	8.9	8.5	8.0
7.5°	21.7	21.2	20.6	20.0	19.4	18.7	17.8	17.3	16.5	15.9	15.3
10°	34.2	33.2	32.5	31.6	30.7	29.7	28.7	27.8	26.8	25.7	24.5
12.5°	48.1	47.2	46.2	44.9	43.6	42.3	40.9	39.4	37.8	36.2	34.4
15°	63.0	61.8	60.6	59.2	57.5	55.7	53.8	51.8	49.7	47.8	45.8
17.5°	77.9	76.3	74.7	73.1	71.5	69.6	67.5	65.2	62.7	60.3	57.7
20°	93.4	91.8	90.0	88.1	85.9	83.6	81.1	78.4	75.4	72.4	69.4
22.5°	109.4	107.7	105.7	103.4	100.8	98.1	95.2	92.1	88.8	85.3	81.7
25°	124.9	123.0	121.0	118.7	115.7	112.5	109.1	105.6	101.8	97.8	94.2
27.5°	140.0	137.9	135.6	133.0	130.0	126.5	123.2	118.7	114.9	110.7	106.2
30°	154.4	152.4	150.3	147.2	144.1	140.8	136.6	132.2	127.8	123.2	118.4
32.5°	169.4	167.2	164.6	161.3	157.8	154.0	150.0	145.4	140.6	135.6	130.1
35°	184.0	181.4	178.7	175.6	171.9	167.6	163.1	158.3	153.4	147.9	142.0
37.5°	197.5	194.9	192.0	189.2	184.9	180.8	176.1	170.9	165.6	160.0	153.6
40°	210.9	208.4	205.3	201.7	197.5	192.9	188.2	183.0	177.0	170.9	164.7
42.5°	223.6	221.3	218.4	214.4	210.8	205.1	199.5	194.0	187.9	181.3	174.7
45°	235.8	232.9	229.8	226.2	221.7	216.9	211.2	204.9	198.6	192.0	184.5
47.5°	248.0	245.2	241.5	237.4	232.6	227.2	221.9	215.5	208.7	202.2	194.4
50°	259.5	256.5	252.7	248.4	244.0	237.8	231.9	225.5	218.4	210.9	203.3
52.5°	270.4	267.0	263.2	258.4	253.2	248.0	241.5	234.9	228.1	219.8	211.7
55°	280.1	277.1	272.8	268.1	262.6	256.7	250.4	243.8	236.3	228.3	220.4
57.5°	289.7	285.8	281.7	276.9	271.4	265.5	258.7	251.6	244.2	236.2	227.5
60°	298.9	294.6	290.0	285.1	279.5	273.4	266.6	259.1	251.5	243.2	234.4
62.5°	306.3	302.9	297.9	292.4	286.9	280.9	274.0	266.5	258.4	249.9	240.9
65°	314.0	309.7	305.2	299.3	293.6	287.5	280.8	273.2	264.8	255.7	246.6
67.5°	321.0	316.5	311.6	306.0	299.8	293.3	286.5	278.8	270.5	261.3	251.6
70°	327.0	322.7	317.9	311.8	305.2	298.4	291.5	283.8	275.4	266.6	256.4
72.5°	332.1	328.0	322.9	316.9	310.4	303.6	296.4	288.8	279.8	271.3	261.1
75°	336.8	332.5	327.4	321.2	314.9	308.2	300.4	292.5	283.8	275.0	264.8
77.5°	340.9	336.3	331.0	325.3	318.7	311.6	303.6	295.3	286.7	277.5	267.2
80°	343.8	339.1	333.8	328.0	321.4	313.9	305.8	297.7	288.9	279.8	269.6
82.5°	346.1	341.7	336.3	330.1	323.0	315.6	307.7	300.0	290.9	281.3	271.8
85°	347.2	342.8	337.7	331.3	324.1	316.9	309.0	300.9	291.9	282.5	273.2
87.5°	347.7	343.5	338.0	331.9	324.9	318.1	310.1	301.6	292.5	283.4	273.9
90°	347.3	343.5	338.0	332.4	324.9	318.1	310.1	302.0	292.1	283.4	273.5
92.5°	347.7	343.5	338.0	331.9	324.9	318.1	310.1	301.6	292.5	283.4	273.9
95°	347.2	342.8	337.7	331.3	324.1	316.9	309.0	300.9	291.9	282.5	273.2
97.5°	346.1	341.7	336.3	330.1	323.0	315.6	307.7	300.0	290.9	281.3	271.8
100°	343.8	339.1	333.8	328.0	321.4	313.9	305.8	297.7	288.9	279.8	269.6
102.5°	340.9	336.3	331.0	325.3	318.7	311.6	303.6	295.3	286.7	277.5	267.2
105°	336.8	332.5	327.4	321.2	314.9	308.2	300.4	292.5	283.8	275.0	264.8
107.5°	332.1	328.0	322.9	316.9	310.4	303.6	296.4	288.8	279.8	271.3	261.1
110°	327.0	322.7	317.9	311.8	305.2	298.4	291.5	283.8	275.4	266.6	256.4





TEST NUMBER: P232028

CATALOG NUMBER: FVS4WM-3-LD4-30-1LO-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
112.5°	321.0	316.5	311.6	306.0	299.8	293.3	286.5	278.8	270.5	261.3	251.6
115°	314.0	309.7	305.2	299.3	293.6	287.5	280.8	273.2	264.8	255.7	246.6
117.5°	306.3	302.9	297.9	292.4	286.9	280.9	274.0	266.5	258.4	249.9	240.9
120°	298.9	294.6	290.0	285.1	279.5	273.4	266.6	259.1	251.5	243.2	234.4
122.5°	289.7	285.8	281.7	276.9	271.4	265.5	258.7	251.6	244.2	236.2	227.5
125°	280.1	277.1	272.8	268.1	262.6	256.7	250.4	243.8	236.3	228.3	220.4
127.5°	270.4	267.0	263.2	258.4	253.2	248.0	241.5	234.9	228.1	219.8	211.7
130°	259.5	256.5	252.7	248.4	244.0	237.8	231.9	225.5	218.4	210.9	203.3
132.5°	248.0	245.2	241.5	237.4	232.6	227.2	221.9	215.5	208.7	202.2	194.4
135°	235.8	232.9	229.8	226.2	221.7	216.9	211.2	204.9	198.6	192.0	184.5
137.5°	223.6	221.3	218.4	214.4	210.8	205.1	199.5	194.0	187.9	181.3	174.7
140°	210.9	208.4	205.3	201.7	197.5	192.9	188.2	183.0	177.0	170.9	164.7
142.5°	197.5	194.9	192.0	189.2	184.9	180.8	176.1	170.9	165.6	160.0	153.6
145°	184.0	181.4	178.7	175.6	171.9	167.6	163.1	158.3	153.4	147.9	142.0
147.5°	169.4	167.2	164.6	161.3	157.8	154.0	150.0	145.4	140.6	135.6	130.1
150°	154.4	152.4	150.3	147.2	144.1	140.8	136.6	132.2	127.8	123.2	118.4
152.5°	140.0	137.9	135.6	133.0	130.0	126.5	123.2	118.7	114.9	110.7	106.2
155°	124.9	123.0	121.0	118.7	115.7	112.5	109.1	105.6	101.8	97.8	94.2
157.5°	109.4	107.7	105.7	103.4	100.8	98.1	95.2	92.1	88.8	85.3	81.7
160°	93.4	91.8	90.0	88.1	85.9	83.6	81.1	78.4	75.4	72.4	69.4
162.5°	77.9	76.3	74.7	73.1	71.5	69.6	67.5	65.2	62.7	60.3	57.7
165°	63.0	61.8	60.6	59.2	57.5	55.7	53.8	51.8	49.7	47.8	45.8
167.5°	48.1	47.2	46.2	44.9	43.6	42.3	40.9	39.4	37.8	36.2	34.4
170°	34.2	33.2	32.5	31.6	30.7	29.7	28.7	27.8	26.8	25.7	24.5
172.5°	21.7	21.2	20.6	20.0	19.4	18.7	17.8	17.3	16.5	15.9	15.3
175°	11.4	11.2	11.0	10.7	10.4	10.1	9.7	9.3	8.9	8.5	8.0
177.5°	4.0	4.0	4.0	3.9	3.9	3.8	3.8	3.7	3.6	3.6	3.5
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232028

CATALOG NUMBER: FVS4WM-3-LD4-30-1LO-PFS125-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°	3.4	3.3	3.2	3.1	3.0	2.8	2.7	2.6	2.5	2.3	2.2
5°	7.5	6.9	6.4	6.2	5.9	5.7	5.4	5.2	4.9	4.6	4.3
7.5°	14.7	14.0	13.3	12.5	11.7	10.9	10.1	9.7	9.3	9.0	8.6
10°	23.2	21.8	20.5	19.5	18.5	17.4	16.3	15.2	14.0	13.4	12.9
12.5°	32.8	31.2	29.5	27.7	25.8	24.2	22.9	21.5	20.0	18.5	17.5
15°	43.6	41.2	39.1	36.7	34.5	32.2	29.8	28.0	26.1	24.2	22.2
17.5°	55.4	52.2	49.2	46.1	43.1	40.4	37.6	34.7	32.4	30.3	28.1
20°	66.3	62.9	59.3	55.9	52.5	49.0	45.6	42.1	38.5	36.1	33.8
22.5°	78.1	74.2	69.9	65.3	61.6	57.9	54.0	50.0	46.0	42.3	39.7
25°	89.7	85.4	80.8	76.1	71.3	66.9	62.5	57.9	53.6	49.1	45.8
27.5°	101.5	96.6	91.4	86.0	81.1	75.9	70.7	65.4	60.4	55.7	51.4
30°	113.3	107.8	102.1	96.3	90.6	84.7	78.6	72.7	66.9	61.8	57.0
32.5°	124.4	118.4	112.2	106.1	100.1	93.7	86.8	80.1	73.5	67.7	62.3
35°	135.6	129.0	122.4	115.5	108.8	102.1	94.8	87.9	80.4	73.6	67.7
37.5°	146.7	139.7	132.8	125.4	118.1	110.2	102.5	94.8	87.2	79.6	73.2
40°	157.6	149.9	142.3	134.5	126.1	117.9	109.8	101.7	93.7	85.8	78.8
42.5°	167.7	159.7	151.4	143.0	134.3	125.6	117.0	108.4	99.7	91.3	83.5
45°	176.9	169.1	160.4	151.6	142.7	133.3	124.1	115.1	105.5	96.5	88.0
47.5°	185.9	177.7	169.1	160.5	150.9	140.9	130.7	121.4	111.3	101.6	92.4
50°	194.8	186.1	177.1	167.5	157.7	147.5	136.4	126.8	116.8	106.6	96.9
52.5°	203.3	194.1	184.4	174.5	164.2	153.8	142.4	132.1	122.0	111.0	101.2
55°	211.6	202.0	191.8	181.4	170.8	159.8	148.4	137.3	127.0	115.3	105.2
57.5°	218.5	209.1	199.4	188.3	177.3	165.8	153.9	142.4	131.6	119.6	109.0
60°	225.1	215.6	205.3	194.2	182.8	171.1	158.9	147.4	135.7	123.7	112.6
62.5°	231.1	221.4	211.1	199.6	187.8	176.2	163.5	151.6	139.5	127.2	115.7
65°	236.8	226.7	216.2	204.5	192.2	180.6	167.9	155.3	143.0	130.5	118.7
67.5°	241.6	231.3	220.6	209.0	196.6	184.6	171.7	158.6	145.8	133.3	121.3
70°	246.1	235.5	224.5	213.0	200.8	188.1	175.1	161.7	148.4	135.9	123.9
72.5°	250.5	239.4	228.1	216.5	204.4	191.4	177.9	164.6	151.1	138.2	125.5
75°	254.0	242.9	231.3	219.2	207.1	194.2	180.2	167.3	153.7	140.4	126.8
77.5°	256.8	245.8	234.1	221.6	209.1	196.5	182.4	169.3	155.2	142.0	128.1
80°	258.6	247.4	236.0	223.6	210.6	198.2	184.7	171.1	156.2	143.3	129.4
82.5°	260.2	248.8	237.7	225.3	212.2	199.6	185.5	172.3	157.6	144.2	131.1
85°	261.5	250.3	239.2	226.8	213.9	201.4	186.0	173.6	159.3	145.1	132.1
87.5°	262.3	250.9	239.5	227.6	214.3	200.9	186.3	173.9	159.1	145.1	131.5
90°	262.3	250.5	238.7	227.6	213.9	200.3	186.7	174.2	158.7	145.1	130.8
92.5°	262.3	250.9	239.5	227.6	214.3	200.9	186.3	173.9	159.1	145.1	131.5
95°	261.5	250.3	239.2	226.8	213.9	201.4	186.0	173.6	159.3	145.1	132.1
97.5°	260.2	248.8	237.7	225.3	212.2	199.6	185.5	172.3	157.6	144.2	131.1
100°	258.6	247.4	236.0	223.6	210.6	198.2	184.7	171.1	156.2	143.3	129.4
102.5°	256.8	245.8	234.1	221.6	209.1	196.5	182.4	169.3	155.2	142.0	128.1
105°	254.0	242.9	231.3	219.2	207.1	194.2	180.2	167.3	153.7	140.4	126.8
107.5°	250.5	239.4	228.1	216.5	204.4	191.4	177.9	164.6	151.1	138.2	125.5
110°	246.1	235.5	224.5	213.0	200.8	188.1	175.1	161.7	148.4	135.9	123.9



TEST NUMBER: P232028

CATALOG NUMBER: FVS4WM-3-LD4-30-1LO-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	241.6	231.3	220.6	209.0	196.6	184.6	171.7	158.6	145.8	133.3	121.3
115°	236.8	226.7	216.2	204.5	192.2	180.6	167.9	155.3	143.0	130.5	118.7
117.5°	231.1	221.4	211.1	199.6	187.8	176.2	163.5	151.6	139.5	127.2	115.7
120°	225.1	215.6	205.3	194.2	182.8	171.1	158.9	147.4	135.7	123.7	112.6
122.5°	218.5	209.1	199.4	188.3	177.3	165.8	153.9	142.4	131.6	119.6	109.0
125°	211.6	202.0	191.8	181.4	170.8	159.8	148.4	137.3	127.0	115.3	105.2
127.5°	203.3	194.1	184.4	174.5	164.2	153.8	142.4	132.1	122.0	111.0	101.2
130°	194.8	186.1	177.1	167.5	157.7	147.5	136.4	126.8	116.8	106.6	96.9
132.5°	185.9	177.7	169.1	160.5	150.9	140.9	130.7	121.4	111.3	101.6	92.4
135°	176.9	169.1	160.4	151.6	142.7	133.3	124.1	115.1	105.5	96.5	88.0
137.5°	167.7	159.7	151.4	143.0	134.3	125.6	117.0	108.4	99.7	91.3	83.5
140°	157.6	149.9	142.3	134.5	126.1	117.9	109.8	101.7	93.7	85.8	78.8
142.5°	146.7	139.7	132.8	125.4	118.1	110.2	102.5	94.8	87.2	79.6	73.2
145°	135.6	129.0	122.4	115.5	108.8	102.1	94.8	87.9	80.4	73.6	67.7
147.5°	124.4	118.4	112.2	106.1	100.1	93.7	86.8	80.1	73.5	67.7	62.3
150°	113.3	107.8	102.1	96.3	90.6	84.7	78.6	72.7	66.9	61.8	57.0
152.5°	101.5	96.6	91.4	86.0	81.1	75.9	70.7	65.4	60.4	55.7	51.4
155°	89.7	85.4	80.8	76.1	71.3	66.9	62.5	57.9	53.6	49.1	45.8
157.5°	78.1	74.2	69.9	65.3	61.6	57.9	54.0	50.0	46.0	42.3	39.7
160°	66.3	62.9	59.3	55.9	52.5	49.0	45.6	42.1	38.5	36.1	33.8
162.5°	55.4	52.2	49.2	46.1	43.1	40.4	37.6	34.7	32.4	30.3	28.1
165°	43.6	41.2	39.1	36.7	34.5	32.2	29.8	28.0	26.1	24.2	22.2
167.5°	32.8	31.2	29.5	27.7	25.8	24.2	22.9	21.5	20.0	18.5	17.5
170°	23.2	21.8	20.5	19.5	18.5	17.4	16.3	15.2	14.0	13.4	12.9
172.5°	14.7	14.0	13.3	12.5	11.7	10.9	10.1	9.7	9.3	9.0	8.6
175°	7.5	6.9	6.4	6.2	5.9	5.7	5.4	5.2	4.9	4.6	4.3
177.5°	3.4	3.3	3.2	3.1	3.0	2.8	2.7	2.6	2.5	2.3	2.2
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: P232028

CATALOG NUMBER: FVS4WM-3-LD4-30-1LO-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	2.0	1.9	1.7	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.5
5°	4.0	3.7	3.4	3.1	3.1	3.1	3.1	3.1	3.0	3.0	3.0
7.5°	8.2	7.7	7.3	6.8	6.7	6.6	6.5	6.3	6.2	6.0	5.8
10°	12.3	11.8	11.1	10.5	10.3	10.0	9.8	9.5	9.2	8.9	8.6
12.5°	16.8	16.1	15.3	14.6	14.3	14.1	13.8	13.5	13.1	12.8	12.4
15°	21.3	20.4	19.5	18.6	18.4	18.2	17.9	17.6	17.2	16.8	16.4
17.5°	26.3	25.4	24.3	23.3	23.0	22.6	22.2	21.8	21.4	20.9	20.3
20°	31.5	30.3	29.1	27.9	27.5	27.0	26.4	26.0	25.5	24.9	24.1
22.5°	37.1	35.2	33.7	32.3	31.7	31.2	30.6	30.1	29.6	28.8	27.9
25°	42.7	40.1	38.4	36.6	36.0	35.4	34.8	34.3	33.7	32.8	31.8
27.5°	48.0	44.8	42.9	41.0	40.3	39.6	39.0	38.3	37.6	36.7	35.7
30°	53.3	49.4	47.4	45.3	44.6	43.8	43.0	42.2	41.5	40.7	39.6
32.5°	57.9	53.8	51.4	49.3	48.6	47.8	46.9	46.0	45.3	44.3	43.2
35°	62.5	58.0	55.4	53.3	52.6	51.7	50.8	49.8	48.8	47.7	46.5
37.5°	67.3	62.6	59.4	57.1	56.3	55.4	54.4	53.4	52.3	51.1	49.9
40°	72.2	67.2	63.5	60.8	59.9	59.0	58.0	56.9	55.8	54.6	53.3
42.5°	76.3	71.1	67.1	64.2	63.3	62.4	61.4	60.2	59.1	57.9	56.4
45°	80.4	74.9	70.6	67.6	66.7	65.7	64.6	63.5	62.3	60.9	59.3
47.5°	84.7	78.6	73.8	70.7	69.8	68.7	67.6	66.5	65.3	63.8	62.0
50°	89.0	82.3	77.1	73.8	72.8	71.8	70.6	69.5	68.2	66.6	64.7
52.5°	92.5	85.4	80.0	76.6	75.3	74.2	73.2	72.2	70.7	69.0	67.2
55°	96.0	88.4	82.9	79.4	77.8	76.6	75.8	74.7	73.0	71.2	69.4
57.5°	99.3	91.2	85.5	81.9	80.3	79.0	78.1	76.9	75.3	73.4	71.6
60°	102.6	94.0	88.1	84.3	82.7	81.5	80.3	79.1	77.6	75.7	73.8
62.5°	105.5	96.5	90.1	86.5	84.8	83.4	82.3	81.0	79.4	77.6	75.6
65°	108.3	98.9	92.0	88.7	87.0	85.3	84.3	82.9	81.1	79.3	77.2
67.5°	110.5	100.8	93.9	90.3	88.5	87.0	85.8	84.3	82.6	80.7	78.6
70°	112.6	102.6	95.8	91.8	90.0	88.8	87.1	85.7	84.0	82.2	79.9
72.5°	114.3	104.1	97.4	93.1	91.2	90.0	88.2	86.9	85.2	83.2	81.0
75°	116.0	105.5	99.2	94.3	92.5	91.3	89.4	88.2	86.4	84.0	82.0
77.5°	117.0	106.6	99.5	95.2	93.0	91.8	90.3	88.8	87.0	84.8	82.7
80°	117.9	107.9	99.8	96.1	93.6	92.4	91.2	89.4	87.5	85.6	83.3
82.5°	118.7	108.5	100.4	96.4	94.3	93.0	91.5	89.9	87.8	86.0	83.5
85°	119.1	109.1	101.1	96.7	94.9	93.6	91.8	90.5	88.1	86.2	83.7
87.5°	119.4	108.8	101.1	97.1	94.9	93.6	92.1	90.5	88.4	86.5	84.0
90°	119.7	108.5	101.1	97.4	94.9	93.6	92.4	90.5	88.7	86.8	84.3
92.5°	119.4	108.8	101.1	97.1	94.9	93.6	92.1	90.5	88.4	86.5	84.0
95°	119.1	109.1	101.1	96.7	94.9	93.6	91.8	90.5	88.1	86.2	83.7
97.5°	118.7	108.5	100.4	96.4	94.3	93.0	91.5	89.9	87.8	86.0	83.5
100°	117.9	107.9	99.8	96.1	93.6	92.4	91.2	89.4	87.5	85.6	83.3
102.5°	117.0	106.6	99.5	95.2	93.0	91.8	90.3	88.8	87.0	84.8	82.7
105°	116.0	105.5	99.2	94.3	92.5	91.3	89.4	88.2	86.4	84.0	82.0
107.5°	114.3	104.1	97.4	93.1	91.2	90.0	88.2	86.9	85.2	83.2	81.0
110°	112.6	102.6	95.8	91.8	90.0	88.8	87.1	85.7	84.0	82.2	79.9



TEST NUMBER: P232028

CATALOG NUMBER: FVS4WM-3-LD4-30-1LO-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
112.5°	110.5	100.8	93.9	90.3	88.5	87.0	85.8	84.3	82.6	80.7	78.6
115°	108.3	98.9	92.0	88.7	87.0	85.3	84.3	82.9	81.1	79.3	77.2
117.5°	105.5	96.5	90.1	86.5	84.8	83.4	82.3	81.0	79.4	77.6	75.6
120°	102.6	94.0	88.1	84.3	82.7	81.5	80.3	79.1	77.6	75.7	73.8
122.5°	99.3	91.2	85.5	81.9	80.3	79.0	78.1	76.9	75.3	73.4	71.6
125°	96.0	88.4	82.9	79.4	77.8	76.6	75.8	74.7	73.0	71.2	69.4
127.5°	92.5	85.4	80.0	76.6	75.3	74.2	73.2	72.2	70.7	69.0	67.2
130°	89.0	82.3	77.1	73.8	72.8	71.8	70.6	69.5	68.2	66.6	64.7
132.5°	84.7	78.6	73.8	70.7	69.8	68.7	67.6	66.5	65.3	63.8	62.0
135°	80.4	74.9	70.6	67.6	66.7	65.7	64.6	63.5	62.3	60.9	59.3
137.5°	76.3	71.1	67.1	64.2	63.3	62.4	61.4	60.2	59.1	57.9	56.4
140°	72.2	67.2	63.5	60.8	59.9	59.0	58.0	56.9	55.8	54.6	53.3
142.5°	67.3	62.6	59.4	57.1	56.3	55.4	54.4	53.4	52.3	51.1	49.9
145°	62.5	58.0	55.4	53.3	52.6	51.7	50.8	49.8	48.8	47.7	46.5
147.5°	57.9	53.8	51.4	49.3	48.6	47.8	46.9	46.0	45.3	44.3	43.2
150°	53.3	49.4	47.4	45.3	44.6	43.8	43.0	42.2	41.5	40.7	39.6
152.5°	48.0	44.8	42.9	41.0	40.3	39.6	39.0	38.3	37.6	36.7	35.7
155°	42.7	40.1	38.4	36.6	36.0	35.4	34.8	34.3	33.7	32.8	31.8
157.5°	37.1	35.2	33.7	32.3	31.7	31.2	30.6	30.1	29.6	28.8	27.9
160°	31.5	30.3	29.1	27.9	27.5	27.0	26.4	26.0	25.5	24.9	24.1
162.5°	26.3	25.4	24.3	23.3	23.0	22.6	22.2	21.8	21.4	20.9	20.3
165°	21.3	20.4	19.5	18.6	18.4	18.2	17.9	17.6	17.2	16.8	16.4
167.5°	16.8	16.1	15.3	14.6	14.3	14.1	13.8	13.5	13.1	12.8	12.4
170°	12.3	11.8	11.1	10.5	10.3	10.0	9.8	9.5	9.2	8.9	8.6
172.5°	8.2	7.7	7.3	6.8	6.7	6.6	6.5	6.3	6.2	6.0	5.8
175°	4.0	3.7	3.4	3.1	3.1	3.1	3.1	3.1	3.0	3.0	3.0
177.5°	2.0	1.9	1.7	1.6	1.5	1.5	1.5	1.5	1.5	1.5	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: P232028

CATALOG NUMBER: FVS4WM-3-LD4-30-1LO-PFS125-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°	1.5	1.4	1.4	1.4	1.3	1.3	1.3	1.2	1.2	1.1	1.1
5°	2.9	2.9	2.8	2.8	2.7	2.6	2.5	2.4	2.2	2.1	2.0
7.5°	5.6	5.4	5.2	4.9	4.7	4.4	4.1	3.8	3.5	3.2	2.9
10°	8.3	8.1	7.7	7.4	7.1	6.8	6.5	6.2	5.8	5.5	5.1
12.5°	12.0	11.5	11.0	10.6	10.2	9.7	9.2	8.7	8.1	7.6	7.1
15°	15.9	15.3	14.8	14.2	13.6	12.9	12.1	11.4	10.6	9.8	9.0
17.5°	19.7	19.0	18.3	17.5	16.6	15.7	14.8	13.9	13.1	12.2	11.3
20°	23.3	22.5	21.7	20.8	19.9	18.9	17.9	16.8	15.8	14.7	13.7
22.5°	27.0	26.2	25.3	24.4	23.2	22.0	20.8	19.8	18.6	17.5	16.2
25°	30.8	29.8	28.8	27.7	26.5	25.3	24.0	22.8	21.4	20.0	18.5
27.5°	34.5	33.3	32.3	31.3	29.9	28.6	27.1	25.6	24.0	22.5	21.0
30°	38.3	37.2	36.0	34.6	33.2	31.6	30.0	28.4	26.7	25.1	23.4
32.5°	42.0	40.7	39.4	37.9	36.3	34.7	33.0	31.1	29.3	27.5	25.7
35°	45.3	43.9	42.5	41.0	39.3	37.6	35.7	33.7	31.9	30.0	28.0
37.5°	48.5	47.1	45.7	43.8	42.0	40.2	38.3	36.3	34.5	32.5	30.3
40°	51.9	50.2	48.5	46.6	44.8	43.0	40.9	38.8	36.9	34.7	32.3
42.5°	54.9	53.0	51.5	49.7	47.6	45.5	43.3	41.3	39.1	36.8	34.4
45°	57.5	55.8	54.3	52.3	50.2	48.0	45.8	43.6	41.2	38.8	36.3
47.5°	60.1	58.5	56.8	54.7	52.6	50.2	47.9	45.6	43.3	40.8	38.0
50°	62.8	61.1	59.1	57.0	54.8	52.3	49.9	47.5	45.0	42.4	39.6
52.5°	65.3	63.5	61.4	59.0	56.6	54.3	51.8	49.2	46.6	44.1	41.2
55°	67.5	65.5	63.5	60.9	58.7	56.2	53.6	50.8	48.4	45.6	42.6
57.5°	69.5	67.6	65.4	62.9	60.7	58.0	55.3	52.5	50.0	46.7	43.8
60°	71.5	69.5	67.1	64.7	62.3	59.7	57.0	53.9	51.0	47.9	44.9
62.5°	73.2	71.3	68.8	66.2	63.7	61.1	58.2	55.0	52.3	49.1	46.0
65°	74.8	72.8	70.3	67.7	65.1	62.4	59.4	56.4	53.4	50.1	47.0
67.5°	76.4	74.2	71.7	69.2	66.6	63.5	60.6	57.6	54.4	51.1	47.8
70°	77.7	75.5	72.8	70.1	67.5	64.4	61.8	58.6	55.4	52.0	48.7
72.5°	78.9	76.5	73.8	71.0	68.3	65.3	62.6	59.4	56.1	52.6	49.5
75°	79.7	77.3	74.6	71.8	69.0	66.1	63.2	60.0	56.6	53.0	49.7
77.5°	80.3	77.8	75.4	72.4	69.7	66.8	63.7	60.3	56.8	53.4	49.9
80°	80.8	78.3	75.8	72.8	70.2	67.2	63.8	60.4	57.2	53.6	50.2
82.5°	81.3	78.6	76.1	73.1	70.5	67.5	63.9	60.7	57.5	53.9	50.2
85°	81.9	78.9	76.3	73.3	70.7	67.7	64.0	60.8	57.7	54.0	50.3
87.5°	81.9	78.8	76.3	73.5	70.7	67.6	64.2	60.9	57.8	54.0	50.3
90°	81.9	78.8	76.3	73.8	70.7	67.6	64.5	60.8	57.7	53.9	50.2
92.5°	81.9	78.8	76.3	73.5	70.7	67.6	64.2	60.9	57.8	54.0	50.3
95°	81.9	78.9	76.3	73.3	70.7	67.7	64.0	60.8	57.7	54.0	50.3
97.5°	81.3	78.6	76.1	73.1	70.5	67.5	63.9	60.7	57.5	53.9	50.2
100°	80.8	78.3	75.8	72.8	70.2	67.2	63.8	60.4	57.2	53.6	50.2
102.5°	80.3	77.8	75.4	72.4	69.7	66.8	63.7	60.3	56.8	53.4	49.9
105°	79.7	77.3	74.6	71.8	69.0	66.1	63.2	60.0	56.6	53.0	49.7
107.5°	78.9	76.5	73.8	71.0	68.3	65.3	62.6	59.4	56.1	52.6	49.5
110°	77.7	75.5	72.8	70.1	67.5	64.4	61.8	58.6	55.4	52.0	48.7



TEST NUMBER: P232028

CATALOG NUMBER: FVS4WM-3-LD4-30-1LO-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	76.4	74.2	71.7	69.2	66.6	63.5	60.6	57.6	54.4	51.1	47.8
115°	74.8	72.8	70.3	67.7	65.1	62.4	59.4	56.4	53.4	50.1	47.0
117.5°	73.2	71.3	68.8	66.2	63.7	61.1	58.2	55.0	52.3	49.1	46.0
120°	71.5	69.5	67.1	64.7	62.3	59.7	57.0	53.9	51.0	47.9	44.9
122.5°	69.5	67.6	65.4	62.9	60.7	58.0	55.3	52.5	50.0	46.7	43.8
125°	67.5	65.5	63.5	60.9	58.7	56.2	53.6	50.8	48.4	45.6	42.6
127.5°	65.3	63.5	61.4	59.0	56.6	54.3	51.8	49.2	46.6	44.1	41.2
130°	62.8	61.1	59.1	57.0	54.8	52.3	49.9	47.5	45.0	42.4	39.6
132.5°	60.1	58.5	56.8	54.7	52.6	50.2	47.9	45.6	43.3	40.8	38.0
135°	57.5	55.8	54.3	52.3	50.2	48.0	45.8	43.6	41.2	38.8	36.3
137.5°	54.9	53.0	51.5	49.7	47.6	45.5	43.3	41.3	39.1	36.8	34.4
140°	51.9	50.2	48.5	46.6	44.8	43.0	40.9	38.8	36.9	34.7	32.3
142.5°	48.5	47.1	45.7	43.8	42.0	40.2	38.3	36.3	34.5	32.5	30.3
145°	45.3	43.9	42.5	41.0	39.3	37.6	35.7	33.7	31.9	30.0	28.0
147.5°	42.0	40.7	39.4	37.9	36.3	34.7	33.0	31.1	29.3	27.5	25.7
150°	38.3	37.2	36.0	34.6	33.2	31.6	30.0	28.4	26.7	25.1	23.4
152.5°	34.5	33.3	32.3	31.3	29.9	28.6	27.1	25.6	24.0	22.5	21.0
155°	30.8	29.8	28.8	27.7	26.5	25.3	24.0	22.8	21.4	20.0	18.5
157.5°	27.0	26.2	25.3	24.4	23.2	22.0	20.8	19.8	18.6	17.5	16.2
160°	23.3	22.5	21.7	20.8	19.9	18.9	17.9	16.8	15.8	14.7	13.7
162.5°	19.7	19.0	18.3	17.5	16.6	15.7	14.8	13.9	13.1	12.2	11.3
165°	15.9	15.3	14.8	14.2	13.6	12.9	12.1	11.4	10.6	9.8	9.0
167.5°	12.0	11.5	11.0	10.6	10.2	9.7	9.2	8.7	8.1	7.6	7.1
170°	8.3	8.1	7.7	7.4	7.1	6.8	6.5	6.2	5.8	5.5	5.1
172.5°	5.6	5.4	5.2	4.9	4.7	4.4	4.1	3.8	3.5	3.2	2.9
175°	2.9	2.9	2.8	2.8	2.7	2.6	2.5	2.4	2.2	2.1	2.0
177.5°	1.5	1.4	1.4	1.4	1.3	1.3	1.3	1.2	1.2	1.1	1.1
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232028

CATALOG NUMBER: FVS4WM-3-LD4-30-1LO-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	1.0	1.0	0.9	0.9	0.8	0.8	0.7	0.7	0.6	0.5	0.5
5°	1.9	1.8	1.7	1.6	1.4	1.3	1.2	1.1	1.0	0.9	0.8
7.5°	2.5	2.4	2.3	2.2	2.0	1.9	1.7	1.6	1.4	1.3	1.1
10°	4.7	4.3	3.9	3.4	3.0	2.5	2.3	2.1	1.9	1.7	1.5
12.5°	6.6	6.1	5.5	5.0	4.4	3.8	3.2	2.6	2.1	1.8	1.6
15°	8.2	7.4	6.8	6.1	5.4	4.8	4.2	3.5	2.8	2.2	1.8
17.5°	10.4	9.5	8.6	7.8	7.0	6.3	5.4	4.5	3.7	2.8	1.9
20°	12.7	11.7	10.6	9.5	8.4	7.3	6.2	5.3	4.4	3.4	2.5
22.5°	14.9	13.6	12.4	11.2	9.9	8.7	7.4	6.1	5.1	4.1	3.2
25°	17.2	15.8	14.4	12.9	11.5	10.1	8.6	7.2	5.8	4.8	3.8
27.5°	19.6	17.9	16.3	14.7	13.2	11.6	10.1	8.6	7.1	5.4	4.4
30°	21.6	19.7	18.1	16.5	14.9	13.0	11.0	9.3	7.7	6.1	4.6
32.5°	23.8	21.9	20.1	18.1	16.1	14.1	12.1	10.1	8.5	6.8	5.0
35°	25.9	23.8	21.8	19.7	17.5	15.3	13.4	11.4	9.4	7.6	5.8
37.5°	28.0	25.8	23.5	21.3	19.1	16.9	14.8	12.6	10.5	8.4	6.5
40°	30.0	27.8	25.3	22.9	20.6	18.3	15.9	13.4	11.1	8.7	6.6
42.5°	32.1	29.5	26.9	24.4	22.0	19.4	16.7	14.2	11.7	9.4	7.1
45°	33.7	31.1	28.3	25.6	23.1	20.4	17.7	15.1	12.4	9.8	7.3
47.5°	35.3	32.7	29.9	27.3	24.5	21.6	18.8	16.1	13.2	10.3	7.8
50°	37.0	34.1	31.4	28.4	25.4	22.6	19.7	16.8	13.8	10.8	8.1
52.5°	38.4	35.3	32.3	29.3	26.4	23.5	20.4	17.4	14.2	11.1	8.3
55°	39.6	36.5	33.5	30.6	27.5	24.5	21.1	17.9	14.5	11.2	8.5
57.5°	40.8	37.8	34.7	31.5	28.3	25.0	21.6	18.1	14.8	11.7	8.7
60°	42.1	38.7	35.6	32.5	29.2	25.7	22.2	18.5	15.0	12.0	8.9
62.5°	42.9	39.5	36.5	33.1	29.9	26.2	22.4	18.8	15.3	11.9	9.1
65°	43.7	40.3	37.0	33.6	30.4	26.7	22.8	19.1	15.3	11.8	9.0
67.5°	44.4	41.1	37.5	34.1	30.7	27.3	23.4	19.2	15.4	11.9	9.0
70°	45.2	41.7	38.3	34.7	30.9	27.4	23.5	19.4	15.3	11.7	8.6
72.5°	45.8	42.3	38.7	35.1	31.4	27.8	23.6	19.3	15.4	11.8	8.7
75°	46.0	42.7	38.9	35.5	31.3	28.0	24.1	19.5	15.3	11.6	8.1
77.5°	46.4	42.9	39.2	35.4	31.4	27.8	24.0	19.9	15.3	11.2	7.9
80°	46.7	43.0	39.2	35.4	31.6	27.7	23.9	19.9	15.5	11.2	7.4
82.5°	46.6	42.8	39.1	35.4	31.6	27.5	23.6	19.9	15.8	11.4	7.6
85°	46.6	42.9	39.1	35.2	31.1	27.3	23.4	19.4	15.7	11.6	7.3
87.5°	46.6	42.9	39.1	35.2	31.1	27.3	23.4	19.4	15.7	11.6	7.3
90°	46.5	42.8	39.1	34.7	31.0	27.3	22.9	18.6	14.9	11.2	6.8
92.5°	46.6	42.9	39.2	34.8	31.1	27.4	23.7	19.3	15.1	11.4	7.7
95°	46.6	42.9	39.1	35.2	31.1	27.3	23.4	19.4	15.7	11.6	7.3
97.5°	46.6	42.8	39.1	35.4	31.6	27.5	23.6	19.9	15.8	11.4	7.6
100°	46.7	43.0	39.2	35.4	31.6	27.7	23.9	19.9	15.5	11.2	7.4
102.5°	46.4	42.9	39.2	35.4	31.4	27.8	24.0	19.9	15.3	11.2	7.9
105°	46.0	42.7	38.9	35.5	31.3	28.0	24.1	19.5	15.3	11.6	8.1
107.5°	45.8	42.3	38.7	35.1	31.4	27.8	23.6	19.3	15.4	11.8	8.7
110°	45.2	41.7	38.3	34.7	30.9	27.4	23.5	19.4	15.3	11.7	8.6





TEST NUMBER: P232028

CATALOG NUMBER: FVS4WM-3-LD4-30-1LO-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
112.5°	44.4	41.1	37.5	34.1	30.7	27.3	23.4	19.2	15.4	11.9	9.0
115°	43.7	40.3	37.0	33.6	30.4	26.7	22.8	19.1	15.3	11.8	9.0
117.5°	42.9	39.5	36.5	33.1	29.9	26.2	22.4	18.8	15.3	11.9	9.1
120°	42.1	38.7	35.6	32.5	29.2	25.7	22.2	18.5	15.0	12.0	8.9
122.5°	40.8	37.8	34.7	31.5	28.3	25.0	21.6	18.1	14.8	11.7	8.7
125°	39.6	36.5	33.5	30.6	27.5	24.5	21.1	17.9	14.5	11.2	8.5
127.5°	38.4	35.3	32.3	29.3	26.4	23.5	20.4	17.4	14.2	11.1	8.3
130°	37.0	34.1	31.4	28.4	25.4	22.6	19.7	16.8	13.8	10.8	8.1
132.5°	35.3	32.7	29.9	27.3	24.5	21.6	18.8	16.1	13.2	10.3	7.8
135°	33.7	31.1	28.3	25.6	23.1	20.4	17.7	15.1	12.4	9.8	7.3
137.5°	32.1	29.5	26.9	24.4	22.0	19.4	16.7	14.2	11.7	9.4	7.1
140°	30.0	27.8	25.3	22.9	20.6	18.3	15.9	13.4	11.1	8.7	6.6
142.5°	28.0	25.8	23.5	21.3	19.1	16.9	14.8	12.6	10.5	8.4	6.5
145°	25.9	23.8	21.8	19.7	17.5	15.3	13.4	11.4	9.4	7.6	5.8
147.5°	23.8	21.9	20.1	18.1	16.1	14.1	12.1	10.1	8.5	6.8	5.0
150°	21.6	19.7	18.1	16.5	14.9	13.0	11.0	9.3	7.7	6.1	4.6
152.5°	19.6	17.9	16.3	14.7	13.2	11.6	10.1	8.6	7.1	5.4	4.4
155°	17.2	15.8	14.4	12.9	11.5	10.1	8.6	7.2	5.8	4.8	3.8
157.5°	14.9	13.6	12.4	11.2	9.9	8.7	7.4	6.1	5.1	4.1	3.2
160°	12.7	11.7	10.6	9.5	8.4	7.3	6.2	5.3	4.4	3.4	2.5
162.5°	10.4	9.5	8.6	7.8	7.0	6.3	5.4	4.5	3.7	2.8	1.9
165°	8.2	7.4	6.8	6.1	5.4	4.8	4.2	3.5	2.8	2.2	1.8
167.5°	6.6	6.1	5.5	5.0	4.4	3.8	3.2	2.6	2.1	1.8	1.6
170°	4.7	4.3	3.9	3.4	3.0	2.5	2.3	2.1	1.9	1.7	1.5
172.5°	2.5	2.4	2.3	2.2	2.0	1.9	1.7	1.6	1.4	1.3	1.1
175°	1.9	1.8	1.7	1.6	1.4	1.3	1.2	1.1	1.0	0.9	0.8
177.5°	1.0	1.0	0.9	0.9	0.8	0.8	0.7	0.7	0.6	0.5	0.5
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: P232028

CATALOG NUMBER: FVS4WM-3-LD4-30-1LO-PFS125-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	0.3	0.2	0.1	0.1	0.0	0.1	0.1	0.2	0.3
5°	0.7	0.5	0.4	0.3	0.2	0.1	0.0	0.1	0.2	0.3	0.4
7.5°	1.0	0.8	0.7	0.5	0.3	0.2	0.0	0.2	0.3	0.5	0.7
10°	1.3	1.1	0.9	0.7	0.4	0.2	0.0	0.2	0.4	0.7	0.9
12.5°	1.3	1.1	0.9	0.6	0.4	0.2	0.0	0.2	0.4	0.6	0.9
15°	1.5	1.3	1.0	0.8	0.5	0.3	0.0	0.3	0.5	0.8	1.0
17.5°	1.3	1.0	0.8	0.6	0.4	0.2	0.0	0.2	0.4	0.6	0.8
20°	1.6	1.1	0.9	0.7	0.4	0.2	0.0	0.2	0.4	0.7	0.9
22.5°	2.2	1.3	1.0	0.7	0.5	0.2	0.0	0.2	0.5	0.7	1.0
25°	2.9	1.9	1.1	0.8	0.6	0.3	0.0	0.3	0.6	0.8	1.1
27.5°	3.2	2.0	0.9	0.5	0.3	0.2	0.0	0.2	0.3	0.5	0.9
30°	3.4	2.3	1.2	0.5	0.3	0.2	0.0	0.2	0.3	0.5	1.2
32.5°	3.6	2.5	1.4	0.6	0.4	0.2	0.0	0.2	0.4	0.6	1.4
35°	4.0	2.8	1.8	0.7	0.4	0.2	0.0	0.2	0.4	0.7	1.8
37.5°	4.6	3.0	2.0	1.0	0.5	0.2	0.0	0.2	0.5	1.0	2.0
40°	4.8	3.0	2.0	1.1	0.5	0.3	0.0	0.3	0.5	1.1	2.0
42.5°	5.1	3.2	1.7	0.8	0.0	0.0	0.0	0.0	0.0	0.8	1.7
45°	5.1	3.4	1.8	0.9	0.0	0.0	0.0	0.0	0.0	0.9	1.8
47.5°	5.5	3.6	1.9	0.8	0.1	0.0	0.0	0.0	0.1	0.8	1.9
50°	5.8	3.8	2.1	0.9	0.2	0.0	0.0	0.0	0.2	0.9	2.1
52.5°	6.0	3.8	2.1	0.7	0.2	0.0	0.0	0.0	0.2	0.7	2.1
55°	5.9	3.6	1.9	0.8	0.3	0.0	0.0	0.0	0.3	0.8	1.9
57.5°	5.9	3.6	1.7	0.9	0.3	0.0	0.0	0.0	0.3	0.9	1.7
60°	6.1	3.9	1.9	0.7	0.1	0.0	0.0	0.0	0.1	0.7	1.9
62.5°	6.3	3.8	1.9	0.7	0.0	0.0	0.0	0.0	0.0	0.7	1.9
65°	6.2	3.8	1.8	0.7	0.1	0.0	0.0	0.0	0.1	0.7	1.8
67.5°	6.2	3.7	1.8	0.7	0.2	0.0	0.6	0.0	0.2	0.7	1.8
70°	6.2	3.8	2.0	0.6	0.1	0.0	0.6	0.0	0.1	0.6	2.0
72.5°	5.7	3.4	1.8	0.7	0.0	0.2	0.6	0.2	0.0	0.7	1.8
75°	5.5	3.2	1.7	0.5	0.0	0.1	0.6	0.1	0.0	0.5	1.7
77.5°	5.5	3.1	1.5	0.5	0.0	0.0	0.0	0.0	0.0	0.5	1.5
80°	4.9	2.6	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
82.5°	4.4	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	3.8	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	4.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	3.8	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	4.4	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	4.9	2.6	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
102.5°	5.5	3.1	1.5	0.5	0.0	0.0	0.0	0.0	0.0	0.5	1.5
105°	5.5	3.2	1.7	0.5	0.0	0.1	0.6	0.1	0.0	0.5	1.7
107.5°	5.7	3.4	1.8	0.7	0.0	0.2	0.6	0.2	0.0	0.7	1.8
110°	6.2	3.8	2.0	0.6	0.1	0.0	0.6	0.0	0.1	0.6	2.0



TEST NUMBER: P232028

CATALOG NUMBER: FVS4WM-3-LD4-30-1LO-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	6.2	3.7	1.8	0.7	0.2	0.0	0.6	0.0	0.2	0.7	1.8
115°	6.2	3.8	1.8	0.7	0.1	0.0	0.0	0.0	0.1	0.7	1.8
117.5°	6.3	3.8	1.9	0.7	0.0	0.0	0.0	0.0	0.0	0.7	1.9
120°	6.1	3.9	1.9	0.7	0.1	0.0	0.0	0.0	0.1	0.7	1.9
122.5°	5.9	3.6	1.7	0.9	0.3	0.0	0.0	0.0	0.3	0.9	1.7
125°	5.9	3.6	1.9	0.8	0.3	0.0	0.0	0.0	0.3	0.8	1.9
127.5°	6.0	3.8	2.1	0.7	0.2	0.0	0.0	0.0	0.2	0.7	2.1
130°	5.8	3.8	2.1	0.9	0.2	0.0	0.0	0.0	0.2	0.9	2.1
132.5°	5.5	3.6	1.9	0.8	0.1	0.0	0.0	0.0	0.1	0.8	1.9
135°	5.1	3.4	1.8	0.9	0.0	0.0	0.0	0.0	0.0	0.9	1.8
137.5°	5.1	3.2	1.7	0.8	0.0	0.0	0.0	0.0	0.0	0.8	1.7
140°	4.8	3.0	2.0	1.1	0.5	0.3	0.0	0.3	0.5	1.1	2.0
142.5°	4.6	3.0	2.0	1.0	0.5	0.2	0.0	0.2	0.5	1.0	2.0
145°	4.0	2.8	1.8	0.7	0.4	0.2	0.0	0.2	0.4	0.7	1.8
147.5°	3.6	2.5	1.4	0.6	0.4	0.2	0.0	0.2	0.4	0.6	1.4
150°	3.4	2.3	1.2	0.5	0.3	0.2	0.0	0.2	0.3	0.5	1.2
152.5°	3.2	2.0	0.9	0.5	0.3	0.2	0.0	0.2	0.3	0.5	0.9
155°	2.9	1.9	1.1	0.8	0.6	0.3	0.0	0.3	0.6	0.8	1.1
157.5°	2.2	1.3	1.0	0.7	0.5	0.2	0.0	0.2	0.5	0.7	1.0
160°	1.6	1.1	0.9	0.7	0.4	0.2	0.0	0.2	0.4	0.7	0.9
162.5°	1.3	1.0	0.8	0.6	0.4	0.2	0.0	0.2	0.4	0.6	0.8
165°	1.5	1.3	1.0	0.8	0.5	0.3	0.0	0.3	0.5	0.8	1.0
167.5°	1.3	1.1	0.9	0.6	0.4	0.2	0.0	0.2	0.4	0.6	0.9
170°	1.3	1.1	0.9	0.7	0.4	0.2	0.0	0.2	0.4	0.7	0.9
172.5°	1.0	0.8	0.7	0.5	0.3	0.2	0.0	0.2	0.3	0.5	0.7
175°	0.7	0.5	0.4	0.3	0.2	0.1	0.0	0.1	0.2	0.3	0.4
177.5°	0.4	0.3	0.3	0.2	0.1	0.1	0.0	0.1	0.1	0.2	0.3
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: P232028

CATALOG NUMBER: FVS4WM-3-LD4-30-1LO-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	0.0	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	0.5	0.5	0.6	0.7	0.7	0.8	0.8	0.9	0.9
5°	0.5	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.6	1.7
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	3.0	3.4	3.9
12.5°	1.1	1.3	1.6	1.8	2.1	2.6	3.2	3.8	4.4	5.0	5.5
15°	1.3	1.5	1.8	2.2	2.8	3.5	4.2	4.8	5.4	6.1	6.8
17.5°	1.0	1.3	1.9	2.8	3.7	4.5	5.4	6.3	7.0	7.8	8.6
20°	1.1	1.6	2.5	3.4	4.4	5.3	6.2	7.3	8.4	9.5	10.6
22.5°	1.3	2.2	3.2	4.1	5.1	6.1	7.4	8.7	9.9	11.2	12.4
25°	1.9	2.9	3.8	4.8	5.8	7.2	8.6	10.1	11.5	12.9	14.4
27.5°	2.0	3.2	4.4	5.4	7.1	8.6	10.1	11.6	13.2	14.7	16.3
30°	2.3	3.4	4.6	6.1	7.7	9.3	11.0	13.0	14.9	16.5	18.1
32.5°	2.5	3.6	5.0	6.8	8.5	10.1	12.1	14.1	16.1	18.1	20.1
35°	2.8	4.0	5.8	7.6	9.4	11.4	13.4	15.3	17.5	19.7	21.8
37.5°	3.0	4.6	6.5	8.4	10.5	12.6	14.8	16.9	19.1	21.3	23.5
40°	3.0	4.8	6.6	8.7	11.1	13.4	15.9	18.3	20.6	22.9	25.3
42.5°	3.2	5.1	7.1	9.4	11.7	14.2	16.7	19.4	22.0	24.4	26.9
45°	3.4	5.1	7.3	9.8	12.4	15.1	17.7	20.4	23.1	25.6	28.3
47.5°	3.6	5.5	7.8	10.3	13.2	16.1	18.8	21.6	24.5	27.3	29.9
50°	3.8	5.8	8.1	10.8	13.8	16.8	19.7	22.6	25.4	28.4	31.4
52.5°	3.8	6.0	8.3	11.1	14.2	17.4	20.4	23.5	26.4	29.3	32.3
55°	3.6	5.9	8.5	11.2	14.5	17.9	21.1	24.5	27.5	30.6	33.5
57.5°	3.6	5.9	8.7	11.7	14.8	18.1	21.6	25.0	28.3	31.5	34.7
60°	3.9	6.1	8.9	12.0	15.0	18.5	22.2	25.7	29.2	32.5	35.6
62.5°	3.8	6.3	9.1	11.9	15.3	18.8	22.4	26.2	29.9	33.1	36.5
65°	3.8	6.2	9.0	11.8	15.3	19.1	22.8	26.7	30.4	33.6	37.0
67.5°	3.7	6.2	9.0	11.9	15.4	19.2	23.4	27.3	30.7	34.1	37.5
70°	3.8	6.2	8.6	11.7	15.3	19.4	23.5	27.4	30.9	34.7	38.3
72.5°	3.4	5.7	8.7	11.8	15.4	19.3	23.6	27.8	31.4	35.1	38.7
75°	3.2	5.5	8.1	11.6	15.3	19.5	24.1	28.0	31.3	35.5	38.9
77.5°	3.1	5.5	7.9	11.2	15.3	19.9	24.0	27.8	31.4	35.4	39.2
80°	2.6	4.9	7.4	11.2	15.5	19.9	23.9	27.7	31.6	35.4	39.2
82.5°	1.6	4.4	7.6	11.4	15.8	19.9	23.6	27.5	31.6	35.4	39.1
85°	0.9	3.8	7.3	11.6	15.7	19.4	23.4	27.3	31.1	35.2	39.1
87.5°	0.3	4.0	7.7	11.4	15.1	19.3	23.7	27.4	31.1	34.8	39.2
90°	0.0	3.7	6.8	11.2	14.9	18.6	22.9	27.3	31.0	34.7	39.1
92.5°	0.3	4.0	7.7	11.4	15.1	19.3	23.7	27.4	31.1	34.8	39.2
95°	0.9	3.8	7.3	11.6	15.7	19.4	23.4	27.3	31.1	35.2	39.1
97.5°	1.6	4.4	7.6	11.4	15.8	19.9	23.6	27.5	31.6	35.4	39.1
100°	2.6	4.9	7.4	11.2	15.5	19.9	23.9	27.7	31.6	35.4	39.2
102.5°	3.1	5.5	7.9	11.2	15.3	19.9	24.0	27.8	31.4	35.4	39.2
105°	3.2	5.5	8.1	11.6	15.3	19.5	24.1	28.0	31.3	35.5	38.9
107.5°	3.4	5.7	8.7	11.8	15.4	19.3	23.6	27.8	31.4	35.1	38.7
110°	3.8	6.2	8.6	11.7	15.3	19.4	23.5	27.4	30.9	34.7	38.3



TEST NUMBER: P232028

CATALOG NUMBER: FVS4WM-3-LD4-30-1LO-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
112.5°	3.7	6.2	9.0	11.9	15.4	19.2	23.4	27.3	30.7	34.1	37.5
115°	3.8	6.2	9.0	11.8	15.3	19.1	22.8	26.7	30.4	33.6	37.0
117.5°	3.8	6.3	9.1	11.9	15.3	18.8	22.4	26.2	29.9	33.1	36.5
120°	3.9	6.1	8.9	12.0	15.0	18.5	22.2	25.7	29.2	32.5	35.6
122.5°	3.6	5.9	8.7	11.7	14.8	18.1	21.6	25.0	28.3	31.5	34.7
125°	3.6	5.9	8.5	11.2	14.5	17.9	21.1	24.5	27.5	30.6	33.5
127.5°	3.8	6.0	8.3	11.1	14.2	17.4	20.4	23.5	26.4	29.3	32.3
130°	3.8	5.8	8.1	10.8	13.8	16.8	19.7	22.6	25.4	28.4	31.4
132.5°	3.6	5.5	7.8	10.3	13.2	16.1	18.8	21.6	24.5	27.3	29.9
135°	3.4	5.1	7.3	9.8	12.4	15.1	17.7	20.4	23.1	25.6	28.3
137.5°	3.2	5.1	7.1	9.4	11.7	14.2	16.7	19.4	22.0	24.4	26.9
140°	3.0	4.8	6.6	8.7	11.1	13.4	15.9	18.3	20.6	22.9	25.3
142.5°	3.0	4.6	6.5	8.4	10.5	12.6	14.8	16.9	19.1	21.3	23.5
145°	2.8	4.0	5.8	7.6	9.4	11.4	13.4	15.3	17.5	19.7	21.8
147.5°	2.5	3.6	5.0	6.8	8.5	10.1	12.1	14.1	16.1	18.1	20.1
150°	2.3	3.4	4.6	6.1	7.7	9.3	11.0	13.0	14.9	16.5	18.1
152.5°	2.0	3.2	4.4	5.4	7.1	8.6	10.1	11.6	13.2	14.7	16.3
155°	1.9	2.9	3.8	4.8	5.8	7.2	8.6	10.1	11.5	12.9	14.4
157.5°	1.3	2.2	3.2	4.1	5.1	6.1	7.4	8.7	9.9	11.2	12.4
160°	1.1	1.6	2.5	3.4	4.4	5.3	6.2	7.3	8.4	9.5	10.6
162.5°	1.0	1.3	1.9	2.8	3.7	4.5	5.4	6.3	7.0	7.8	8.6
165°	1.3	1.5	1.8	2.2	2.8	3.5	4.2	4.8	5.4	6.1	6.8
167.5°	1.1	1.3	1.6	1.8	2.1	2.6	3.2	3.8	4.4	5.0	5.5
170°	1.1	1.3	1.5	1.7	1.9	2.1	2.3	2.5	3.0	3.4	3.9
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°	0.5	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.6	1.7
177.5°	0.3	0.4	0.5	0.5	0.6	0.7	0.7	0.8	0.8	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: P232028

CATALOG NUMBER: FVS4WM-3-LD4-30-1LO-PFS125-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°	1.0	1.0	1.1	1.1	1.2	1.2	1.3	1.3	1.3	1.4	1.4
5°	1.8	1.9	2.0	2.1	2.2	2.4	2.5	2.6	2.7	2.8	2.8
7.5°	2.4	2.5	2.9	3.2	3.5	3.8	4.1	4.4	4.7	4.9	5.2
10°	4.3	4.7	5.1	5.5	5.8	6.2	6.5	6.8	7.1	7.4	7.7
12.5°	6.1	6.6	7.1	7.6	8.1	8.7	9.2	9.7	10.2	10.6	11.0
15°	7.4	8.2	9.0	9.8	10.6	11.4	12.1	12.9	13.6	14.2	14.8
17.5°	9.5	10.4	11.3	12.2	13.1	13.9	14.8	15.7	16.6	17.5	18.3
20°	11.7	12.7	13.7	14.7	15.8	16.8	17.9	18.9	19.9	20.8	21.7
22.5°	13.6	14.9	16.2	17.5	18.6	19.8	20.8	22.0	23.2	24.4	25.3
25°	15.8	17.2	18.5	20.0	21.4	22.8	24.0	25.3	26.5	27.7	28.8
27.5°	17.9	19.6	21.0	22.5	24.0	25.6	27.1	28.6	29.9	31.3	32.3
30°	19.7	21.6	23.4	25.1	26.7	28.4	30.0	31.6	33.2	34.6	36.0
32.5°	21.9	23.8	25.7	27.5	29.3	31.1	33.0	34.7	36.3	37.9	39.4
35°	23.8	25.9	28.0	30.0	31.9	33.7	35.7	37.6	39.3	41.0	42.5
37.5°	25.8	28.0	30.3	32.5	34.5	36.3	38.3	40.2	42.0	43.8	45.7
40°	27.8	30.0	32.3	34.7	36.9	38.8	40.9	43.0	44.8	46.6	48.5
42.5°	29.5	32.1	34.4	36.8	39.1	41.3	43.3	45.5	47.6	49.7	51.5
45°	31.1	33.7	36.3	38.8	41.2	43.6	45.8	48.0	50.2	52.3	54.3
47.5°	32.7	35.3	38.0	40.8	43.3	45.6	47.9	50.2	52.6	54.7	56.8
50°	34.1	37.0	39.6	42.4	45.0	47.5	49.9	52.3	54.8	57.0	59.1
52.5°	35.3	38.4	41.2	44.1	46.6	49.2	51.8	54.3	56.6	59.0	61.4
55°	36.5	39.6	42.6	45.6	48.4	50.8	53.6	56.2	58.7	60.9	63.5
57.5°	37.8	40.8	43.8	46.7	50.0	52.5	55.3	58.0	60.7	62.9	65.4
60°	38.7	42.1	44.9	47.9	51.0	53.9	57.0	59.7	62.3	64.7	67.1
62.5°	39.5	42.9	46.0	49.1	52.3	55.0	58.2	61.1	63.7	66.2	68.8
65°	40.3	43.7	47.0	50.1	53.4	56.4	59.4	62.4	65.1	67.7	70.3
67.5°	41.1	44.4	47.8	51.1	54.4	57.6	60.6	63.5	66.6	69.2	71.7
70°	41.7	45.2	48.7	52.0	55.4	58.6	61.8	64.4	67.5	70.1	72.8
72.5°	42.3	45.8	49.5	52.6	56.1	59.4	62.6	65.3	68.3	71.0	73.8
75°	42.7	46.0	49.7	53.0	56.6	60.0	63.2	66.1	69.0	71.8	74.6
77.5°	42.9	46.4	49.9	53.4	56.8	60.3	63.7	66.8	69.7	72.4	75.4
80°	43.0	46.7	50.2	53.6	57.2	60.4	63.8	67.2	70.2	72.8	75.8
82.5°	42.8	46.6	50.2	53.9	57.5	60.7	63.9	67.5	70.5	73.1	76.1
85°	42.9	46.6	50.3	54.0	57.7	60.8	64.0	67.7	70.7	73.3	76.3
87.5°	42.9	46.6	50.3	54.0	57.7	60.8	64.0	67.7	70.7	73.3	76.3
90°	42.8	46.5	50.2	53.9	57.7	60.8	64.5	67.6	70.7	73.8	76.3
92.5°	42.9	46.6	50.3	54.0	57.8	60.9	64.2	67.6	70.7	73.5	76.3
95°	42.9	46.6	50.3	54.0	57.7	60.8	64.0	67.7	70.7	73.3	76.3
97.5°	42.8	46.6	50.2	53.9	57.5	60.7	63.9	67.5	70.5	73.1	76.1
100°	43.0	46.7	50.2	53.6	57.2	60.4	63.8	67.2	70.2	72.8	75.8
102.5°	42.9	46.4	49.9	53.4	56.8	60.3	63.7	66.8	69.7	72.4	75.4
105°	42.7	46.0	49.7	53.0	56.6	60.0	63.2	66.1	69.0	71.8	74.6
107.5°	42.3	45.8	49.5	52.6	56.1	59.4	62.6	65.3	68.3	71.0	73.8
110°	41.7	45.2	48.7	52.0	55.4	58.6	61.8	64.4	67.5	70.1	72.8



TEST NUMBER: P232028

CATALOG NUMBER: FVS4WM-3-LD4-30-1LO-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	41.1	44.4	47.8	51.1	54.4	57.6	60.6	63.5	66.6	69.2	71.7
115°	40.3	43.7	47.0	50.1	53.4	56.4	59.4	62.4	65.1	67.7	70.3
117.5°	39.5	42.9	46.0	49.1	52.3	55.0	58.2	61.1	63.7	66.2	68.8
120°	38.7	42.1	44.9	47.9	51.0	53.9	57.0	59.7	62.3	64.7	67.1
122.5°	37.8	40.8	43.8	46.7	50.0	52.5	55.3	58.0	60.7	62.9	65.4
125°	36.5	39.6	42.6	45.6	48.4	50.8	53.6	56.2	58.7	60.9	63.5
127.5°	35.3	38.4	41.2	44.1	46.6	49.2	51.8	54.3	56.6	59.0	61.4
130°	34.1	37.0	39.6	42.4	45.0	47.5	49.9	52.3	54.8	57.0	59.1
132.5°	32.7	35.3	38.0	40.8	43.3	45.6	47.9	50.2	52.6	54.7	56.8
135°	31.1	33.7	36.3	38.8	41.2	43.6	45.8	48.0	50.2	52.3	54.3
137.5°	29.5	32.1	34.4	36.8	39.1	41.3	43.3	45.5	47.6	49.7	51.5
140°	27.8	30.0	32.3	34.7	36.9	38.8	40.9	43.0	44.8	46.6	48.5
142.5°	25.8	28.0	30.3	32.5	34.5	36.3	38.3	40.2	42.0	43.8	45.7
145°	23.8	25.9	28.0	30.0	31.9	33.7	35.7	37.6	39.3	41.0	42.5
147.5°	21.9	23.8	25.7	27.5	29.3	31.1	33.0	34.7	36.3	37.9	39.4
150°	19.7	21.6	23.4	25.1	26.7	28.4	30.0	31.6	33.2	34.6	36.0
152.5°	17.9	19.6	21.0	22.5	24.0	25.6	27.1	28.6	29.9	31.3	32.3
155°	15.8	17.2	18.5	20.0	21.4	22.8	24.0	25.3	26.5	27.7	28.8
157.5°	13.6	14.9	16.2	17.5	18.6	19.8	20.8	22.0	23.2	24.4	25.3
160°	11.7	12.7	13.7	14.7	15.8	16.8	17.9	18.9	19.9	20.8	21.7
162.5°	9.5	10.4	11.3	12.2	13.1	13.9	14.8	15.7	16.6	17.5	18.3
165°	7.4	8.2	9.0	9.8	10.6	11.4	12.1	12.9	13.6	14.2	14.8
167.5°	6.1	6.6	7.1	7.6	8.1	8.7	9.2	9.7	10.2	10.6	11.0
170°	4.3	4.7	5.1	5.5	5.8	6.2	6.5	6.8	7.1	7.4	7.7
172.5°	2.4	2.5	2.9	3.2	3.5	3.8	4.1	4.4	4.7	4.9	5.2
175°	1.8	1.9	2.0	2.1	2.2	2.4	2.5	2.6	2.7	2.8	2.8
177.5°	1.0	1.0	1.1	1.1	1.2	1.2	1.3	1.3	1.3	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: P232028

CATALOG NUMBER: FVS4WM-3-LD4-30-1LO-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.7
5°	2.9	2.9	3.0	3.0	3.0	3.1	3.1	3.1	3.1	3.1	3.4
7.5°	5.4	5.6	5.8	6.0	6.2	6.3	6.5	6.6	6.7	6.8	7.3
10°	8.1	8.3	8.6	8.9	9.2	9.5	9.8	10.0	10.3	10.5	11.1
12.5°	11.5	12.0	12.4	12.8	13.1	13.5	13.8	14.1	14.3	14.6	15.3
15°	15.3	15.9	16.4	16.8	17.2	17.6	17.9	18.2	18.4	18.6	19.5
17.5°	19.0	19.7	20.3	20.9	21.4	21.8	22.2	22.6	23.0	23.3	24.3
20°	22.5	23.3	24.1	24.9	25.5	26.0	26.4	27.0	27.5	27.9	29.1
22.5°	26.2	27.0	27.9	28.8	29.6	30.1	30.6	31.2	31.7	32.3	33.7
25°	29.8	30.8	31.8	32.8	33.7	34.3	34.8	35.4	36.0	36.6	38.4
27.5°	33.3	34.5	35.7	36.7	37.6	38.3	39.0	39.6	40.3	41.0	42.9
30°	37.2	38.3	39.6	40.7	41.5	42.2	43.0	43.8	44.6	45.3	47.4
32.5°	40.7	42.0	43.2	44.3	45.3	46.0	46.9	47.8	48.6	49.3	51.4
35°	43.9	45.3	46.5	47.7	48.8	49.8	50.8	51.7	52.6	53.3	55.4
37.5°	47.1	48.5	49.9	51.1	52.3	53.4	54.4	55.4	56.2	57.1	59.4
40°	50.2	51.9	53.3	54.6	55.8	56.9	58.0	59.0	59.9	60.8	63.5
42.5°	53.0	54.9	56.4	57.9	59.1	60.2	61.4	62.4	63.3	64.2	67.1
45°	55.8	57.5	59.3	60.9	62.3	63.5	64.6	65.7	66.7	67.6	70.6
47.5°	58.5	60.1	62.0	63.8	65.3	66.5	67.6	68.7	69.8	70.7	73.8
50°	61.1	62.8	64.7	66.6	68.2	69.5	70.6	71.8	72.8	73.8	77.1
52.5°	63.5	65.3	67.2	69.0	70.7	72.2	73.2	74.2	75.3	76.6	80.0
55°	65.5	67.5	69.4	71.2	73.0	74.7	75.8	76.6	77.8	79.4	82.9
57.5°	67.6	69.5	71.6	73.4	75.3	76.9	78.1	79.0	80.3	81.9	85.5
60°	69.5	71.5	73.8	75.7	77.6	79.1	80.3	81.5	82.7	84.3	88.1
62.5°	71.3	73.2	75.6	77.6	79.4	81.0	82.3	83.4	84.8	86.5	90.1
65°	72.8	74.8	77.2	79.3	81.1	82.9	84.3	85.3	87.0	88.7	92.0
67.5°	74.2	76.4	78.6	80.7	82.6	84.3	85.8	87.0	88.5	90.3	93.9
70°	75.5	77.7	79.9	82.2	84.0	85.7	87.1	88.8	90.0	91.8	95.8
72.5°	76.5	78.9	81.0	83.2	85.2	86.9	88.2	90.0	91.2	93.1	97.4
75°	77.3	79.7	82.0	84.0	86.4	88.2	89.4	91.3	92.5	94.3	99.2
77.5°	77.8	80.3	82.7	84.8	87.0	88.8	90.3	91.8	93.0	95.2	99.5
80°	78.3	80.8	83.3	85.6	87.5	89.4	91.2	92.4	93.6	96.1	99.8
82.5°	78.6	81.3	83.5	86.0	87.8	89.9	91.5	93.0	94.3	96.4	100.4
85°	78.9	81.9	83.7	86.2	88.1	90.5	91.8	93.6	94.9	96.7	101.1
87.5°	78.8	81.9	84.0	86.5	88.4	90.5	92.1	93.6	94.9	97.1	101.1
90°	78.8	81.9	84.3	86.8	88.7	90.5	92.4	93.6	94.9	97.4	101.1
92.5°	78.8	81.9	84.0	86.5	88.4	90.5	92.1	93.6	94.9	97.1	101.1
95°	78.9	81.9	83.7	86.2	88.1	90.5	91.8	93.6	94.9	96.7	101.1
97.5°	78.6	81.3	83.5	86.0	87.8	89.9	91.5	93.0	94.3	96.4	100.4
100°	78.3	80.8	83.3	85.6	87.5	89.4	91.2	92.4	93.6	96.1	99.8
102.5°	77.8	80.3	82.7	84.8	87.0	88.8	90.3	91.8	93.0	95.2	99.5
105°	77.3	79.7	82.0	84.0	86.4	88.2	89.4	91.3	92.5	94.3	99.2
107.5°	76.5	78.9	81.0	83.2	85.2	86.9	88.2	90.0	91.2	93.1	97.4
110°	75.5	77.7	79.9	82.2	84.0	85.7	87.1	88.8	90.0	91.8	95.8





TEST NUMBER: P232028

CATALOG NUMBER: FVS4WM-3-LD4-30-1LO-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
112.5°	74.2	76.4	78.6	80.7	82.6	84.3	85.8	87.0	88.5	90.3	93.9
115°	72.8	74.8	77.2	79.3	81.1	82.9	84.3	85.3	87.0	88.7	92.0
117.5°	71.3	73.2	75.6	77.6	79.4	81.0	82.3	83.4	84.8	86.5	90.1
120°	69.5	71.5	73.8	75.7	77.6	79.1	80.3	81.5	82.7	84.3	88.1
122.5°	67.6	69.5	71.6	73.4	75.3	76.9	78.1	79.0	80.3	81.9	85.5
125°	65.5	67.5	69.4	71.2	73.0	74.7	75.8	76.6	77.8	79.4	82.9
127.5°	63.5	65.3	67.2	69.0	70.7	72.2	73.2	74.2	75.3	76.6	80.0
130°	61.1	62.8	64.7	66.6	68.2	69.5	70.6	71.8	72.8	73.8	77.1
132.5°	58.5	60.1	62.0	63.8	65.3	66.5	67.6	68.7	69.8	70.7	73.8
135°	55.8	57.5	59.3	60.9	62.3	63.5	64.6	65.7	66.7	67.6	70.6
137.5°	53.0	54.9	56.4	57.9	59.1	60.2	61.4	62.4	63.3	64.2	67.1
140°	50.2	51.9	53.3	54.6	55.8	56.9	58.0	59.0	59.9	60.8	63.5
142.5°	47.1	48.5	49.9	51.1	52.3	53.4	54.4	55.4	56.3	57.1	59.4
145°	43.9	45.3	46.5	47.7	48.8	49.8	50.8	51.7	52.6	53.3	55.4
147.5°	40.7	42.0	43.2	44.3	45.3	46.0	46.9	47.8	48.6	49.3	51.4
150°	37.2	38.3	39.6	40.7	41.5	42.2	43.0	43.8	44.6	45.3	47.4
152.5°	33.3	34.5	35.7	36.7	37.6	38.3	39.0	39.6	40.3	41.0	42.9
155°	29.8	30.8	31.8	32.8	33.7	34.3	34.8	35.4	36.0	36.6	38.4
157.5°	26.2	27.0	27.9	28.8	29.6	30.1	30.6	31.2	31.7	32.3	33.7
160°	22.5	23.3	24.1	24.9	25.5	26.0	26.4	27.0	27.5	27.9	29.1
162.5°	19.0	19.7	20.3	20.9	21.4	21.8	22.2	22.6	23.0	23.3	24.3
165°	15.3	15.9	16.4	16.8	17.2	17.6	17.9	18.2	18.4	18.6	19.5
167.5°	11.5	12.0	12.4	12.8	13.1	13.5	13.8	14.1	14.3	14.6	15.3
170°	8.1	8.3	8.6	8.9	9.2	9.5	9.8	10.0	10.3	10.5	11.1
172.5°	5.4	5.6	5.8	6.0	6.2	6.3	6.5	6.6	6.7	6.8	7.3
175°	2.9	2.9	3.0	3.0	3.0	3.1	3.1	3.1	3.1	3.1	3.4
177.5°	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.6	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: P232028

CATALOG NUMBER: FVS4WM-3-LD4-30-1LO-PFS125-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	2.0	2.2	2.3	2.5	2.6	2.7	2.8	3.0	3.1	3.2
5°	3.7	4.0	4.3	4.6	4.9	5.2	5.4	5.7	5.9	6.2	6.4
7.5°	7.7	8.2	8.6	9.0	9.3	9.7	10.1	10.9	11.7	12.5	13.3
10°	11.8	12.3	12.9	13.4	14.0	15.2	16.3	17.4	18.5	19.5	20.5
12.5°	16.1	16.8	17.5	18.5	20.0	21.5	22.9	24.2	25.8	27.7	29.5
15°	20.4	21.3	22.2	24.2	26.1	28.0	29.8	32.2	34.5	36.7	39.1
17.5°	25.4	26.3	28.1	30.3	32.4	34.7	37.6	40.4	43.1	46.1	49.2
20°	30.3	31.5	33.8	36.1	38.5	42.1	45.6	49.0	52.5	55.9	59.3
22.5°	35.2	37.1	39.7	42.3	46.0	50.0	54.0	57.9	61.6	65.3	69.9
25°	40.1	42.7	45.8	49.1	53.6	57.9	62.5	66.9	71.3	76.1	80.8
27.5°	44.8	48.0	51.4	55.7	60.4	65.4	70.7	75.9	81.1	86.0	91.4
30°	49.4	53.3	57.0	61.8	66.9	72.7	78.6	84.7	90.6	96.3	102.1
32.5°	53.8	57.9	62.3	67.7	73.5	80.1	86.8	93.7	100.1	106.1	112.2
35°	58.0	62.5	67.7	73.6	80.4	87.9	94.8	102.1	108.8	115.5	122.4
37.5°	62.6	67.3	73.2	79.6	87.2	94.8	102.5	110.2	118.1	125.4	132.8
40°	67.2	72.2	78.8	85.8	93.7	101.7	109.8	117.9	126.1	134.5	142.3
42.5°	71.1	76.3	83.5	91.3	99.7	108.4	117.0	125.6	134.3	143.0	151.4
45°	74.9	80.4	88.0	96.5	105.5	115.1	124.1	133.3	142.7	151.6	160.4
47.5°	78.6	84.7	92.4	101.6	111.3	121.4	130.7	140.9	150.9	160.5	169.1
50°	82.3	89.0	96.9	106.6	116.8	126.8	136.4	147.5	157.7	167.5	177.1
52.5°	85.4	92.5	101.2	111.0	122.0	132.1	142.4	153.8	164.2	174.5	184.4
55°	88.4	96.0	105.2	115.3	127.0	137.3	148.4	159.8	170.8	181.4	191.8
57.5°	91.2	99.3	109.0	119.6	131.6	142.4	153.9	165.8	177.3	188.3	199.4
60°	94.0	102.6	112.6	123.7	135.7	147.4	158.9	171.1	182.8	194.2	205.3
62.5°	96.5	105.5	115.7	127.2	139.5	151.6	163.5	176.2	187.8	199.6	211.1
65°	98.9	108.3	118.7	130.5	143.0	155.3	167.9	180.6	192.2	204.5	216.2
67.5°	100.8	110.5	121.3	133.3	145.8	158.6	171.7	184.6	196.6	209.0	220.6
70°	102.6	112.6	123.9	135.9	148.4	161.7	175.1	188.1	200.8	213.0	224.5
72.5°	104.1	114.3	125.5	138.2	151.1	164.6	177.9	191.4	204.4	216.5	228.1
75°	105.5	116.0	126.8	140.4	153.7	167.3	180.2	194.2	207.1	219.2	231.3
77.5°	106.6	117.0	128.1	142.0	155.2	169.3	182.4	196.5	209.1	221.6	234.1
80°	107.9	117.9	129.4	143.3	156.2	171.1	184.7	198.2	210.6	223.6	236.0
82.5°	108.5	118.7	131.1	144.2	157.6	172.3	185.5	199.6	212.2	225.3	237.7
85°	109.1	119.1	132.1	145.1	159.3	173.6	186.0	201.4	213.9	226.8	239.2
87.5°	108.8	119.4	131.5	145.1	159.1	173.9	186.3	200.9	214.3	227.6	239.5
90°	108.5	119.7	130.8	145.1	158.7	174.2	186.7	200.3	213.9	227.6	238.7
92.5°	108.8	119.4	131.5	145.1	159.1	173.9	186.3	200.9	214.3	227.6	239.5
95°	109.1	119.1	132.1	145.1	159.3	173.6	186.0	201.4	213.9	226.8	239.2
97.5°	108.5	118.7	131.1	144.2	157.6	172.3	185.5	199.6	212.2	225.3	237.7
100°	107.9	117.9	129.4	143.3	156.2	171.1	184.7	198.2	210.6	223.6	236.0
102.5°	106.6	117.0	128.1	142.0	155.2	169.3	182.4	196.5	209.1	221.6	234.1
105°	105.5	116.0	126.8	140.4	153.7	167.3	180.2	194.2	207.1	219.2	231.3
107.5°	104.1	114.3	125.5	138.2	151.1	164.6	177.9	191.4	204.4	216.5	228.1
110°	102.6	112.6	123.9	135.9	148.4	161.7	175.1	188.1	200.8	213.0	224.5



TEST NUMBER: P232028

CATALOG NUMBER: FVS4WM-3-LD4-30-1LO-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	100.8	110.5	121.3	133.3	145.8	158.6	171.7	184.6	196.6	209.0	220.6
115°	98.9	108.3	118.7	130.5	143.0	155.3	167.9	180.6	192.2	204.5	216.2
117.5°	96.5	105.5	115.7	127.2	139.5	151.6	163.5	176.2	187.8	199.6	211.1
120°	94.0	102.6	112.6	123.7	135.7	147.4	158.9	171.1	182.8	194.2	205.3
122.5°	91.2	99.3	109.0	119.6	131.6	142.4	153.9	165.8	177.3	188.3	199.4
125°	88.4	96.0	105.2	115.3	127.0	137.3	148.4	159.8	170.8	181.4	191.8
127.5°	85.4	92.5	101.2	111.0	122.0	132.1	142.4	153.8	164.2	174.5	184.4
130°	82.3	89.0	96.9	106.6	116.8	126.8	136.4	147.5	157.7	167.5	177.1
132.5°	78.6	84.7	92.4	101.6	111.3	121.4	130.7	140.9	150.9	160.5	169.1
135°	74.9	80.4	88.0	96.5	105.5	115.1	124.1	133.3	142.7	151.6	160.4
137.5°	71.1	76.3	83.5	91.3	99.7	108.4	117.0	125.6	134.3	143.0	151.4
140°	67.2	72.2	78.8	85.8	93.7	101.7	109.8	117.9	126.1	134.5	142.3
142.5°	62.6	67.3	73.2	79.6	87.2	94.8	102.5	110.2	118.1	125.4	132.8
145°	58.0	62.5	67.7	73.6	80.4	87.9	94.8	102.1	108.8	115.5	122.4
147.5°	53.8	57.9	62.3	67.7	73.5	80.1	86.8	93.7	100.1	106.1	112.2
150°	49.4	53.3	57.0	61.8	66.9	72.7	78.6	84.7	90.6	96.3	102.1
152.5°	44.8	48.0	51.4	55.7	60.4	65.4	70.7	75.9	81.1	86.0	91.4
155°	40.1	42.7	45.8	49.1	53.6	57.9	62.5	66.9	71.3	76.1	80.8
157.5°	35.2	37.1	39.7	42.3	46.0	50.0	54.0	57.9	61.6	65.3	69.9
160°	30.3	31.5	33.8	36.1	38.5	42.1	45.6	49.0	52.5	55.9	59.3
162.5°	25.4	26.3	28.1	30.3	32.4	34.7	37.6	40.4	43.1	46.1	49.2
165°	20.4	21.3	22.2	24.2	26.1	28.0	29.8	32.2	34.5	36.7	39.1
167.5°	16.1	16.8	17.5	18.5	20.0	21.5	22.9	24.2	25.8	27.7	29.5
170°	11.8	12.3	12.9	13.4	14.0	15.2	16.3	17.4	18.5	19.5	20.5
172.5°	7.7	8.2	8.6	9.0	9.3	9.7	10.1	10.9	11.7	12.5	13.3
175°	3.7	4.0	4.3	4.6	4.9	5.2	5.4	5.7	5.9	6.2	6.4
177.5°	1.9	2.0	2.2	2.3	2.5	2.6	2.7	2.8	3.0	3.1	3.2
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: P232028

CATALOG NUMBER: FVS4WM-3-LD4-30-1LO-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	3.3	3.4	3.5	3.6	3.6	3.7	3.8	3.8	3.9	3.9	4.0
5°	6.9	7.5	8.0	8.5	8.9	9.3	9.7	10.1	10.4	10.7	11.0
7.5°	14.0	14.7	15.3	15.9	16.5	17.3	17.8	18.7	19.4	20.0	20.6
10°	21.8	23.2	24.5	25.7	26.8	27.8	28.7	29.7	30.7	31.6	32.5
12.5°	31.2	32.8	34.4	36.2	37.8	39.4	40.9	42.3	43.6	44.9	46.2
15°	41.2	43.6	45.8	47.8	49.7	51.8	53.8	55.7	57.5	59.2	60.6
17.5°	52.2	55.4	57.7	60.3	62.7	65.2	67.5	69.6	71.5	73.1	74.7
20°	62.9	66.3	69.4	72.4	75.4	78.4	81.1	83.6	85.9	88.1	90.0
22.5°	74.2	78.1	81.7	85.3	88.8	92.1	95.2	98.1	100.8	103.4	105.7
25°	85.4	89.7	94.2	97.8	101.8	105.6	109.1	112.5	115.7	118.7	121.0
27.5°	96.6	101.5	106.2	110.7	114.9	118.7	123.2	126.5	130.0	133.0	135.6
30°	107.8	113.3	118.4	123.2	127.8	132.2	136.6	140.8	144.1	147.2	150.3
32.5°	118.4	124.4	130.1	135.6	140.6	145.4	150.0	154.0	157.8	161.3	164.6
35°	129.0	135.6	142.0	147.9	153.4	158.3	163.1	167.6	171.9	175.6	178.7
37.5°	139.7	146.7	153.6	160.0	165.6	170.9	176.1	180.8	184.9	189.2	192.0
40°	149.9	157.6	164.7	170.9	177.0	183.0	188.2	192.9	197.5	201.7	205.3
42.5°	159.7	167.7	174.7	181.3	187.9	194.0	199.5	205.1	210.8	214.4	218.4
45°	169.1	176.9	184.5	192.0	198.6	204.9	211.2	216.9	221.7	226.2	229.8
47.5°	177.7	185.9	194.4	202.2	208.7	215.5	221.9	227.2	232.6	237.4	241.5
50°	186.1	194.8	203.3	210.9	218.4	225.5	231.9	237.8	244.0	248.4	252.7
52.5°	194.1	203.3	211.7	219.8	228.1	234.9	241.5	248.0	253.2	258.4	263.2
55°	202.0	211.6	220.4	228.3	236.3	243.8	250.4	256.7	262.6	268.1	272.8
57.5°	209.1	218.5	227.5	236.2	244.2	251.6	258.7	265.5	271.4	276.9	281.7
60°	215.6	225.1	234.4	243.2	251.5	259.1	266.6	273.4	279.5	285.1	290.0
62.5°	221.4	231.1	240.9	249.9	258.4	266.5	274.0	280.9	286.9	292.4	297.9
65°	226.7	236.8	246.6	255.7	264.8	273.2	280.8	287.5	293.6	299.3	305.2
67.5°	231.3	241.6	251.6	261.3	270.5	278.8	286.5	293.3	299.8	306.0	311.6
70°	235.5	246.1	256.4	266.6	275.4	283.8	291.5	298.4	305.2	311.8	317.9
72.5°	239.4	250.5	261.1	271.3	279.8	288.8	296.4	303.6	310.4	316.9	322.9
75°	242.9	254.0	264.8	275.0	283.8	292.5	300.4	308.2	314.9	321.2	327.4
77.5°	245.8	256.8	267.2	277.5	286.7	295.3	303.6	311.6	318.7	325.3	331.0
80°	247.4	258.6	269.6	279.8	288.9	297.7	305.8	313.9	321.4	328.0	333.8
82.5°	248.8	260.2	271.8	281.3	290.9	300.0	307.7	315.6	323.0	330.1	336.3
85°	250.3	261.5	273.2	282.5	291.9	300.9	309.0	316.9	324.1	331.3	337.7
87.5°	250.9	262.3	273.9	283.4	292.5	301.6	310.1	318.1	324.9	331.9	338.0
90°	250.5	262.3	273.5	283.4	292.1	302.0	310.1	318.1	324.9	332.4	338.0
92.5°	250.9	262.3	273.9	283.4	292.5	301.6	310.1	318.1	324.9	331.9	338.0
95°	250.3	261.5	273.2	282.5	291.9	300.9	309.0	316.9	324.1	331.3	337.7
97.5°	248.8	260.2	271.8	281.3	290.9	300.0	307.7	315.6	323.0	330.1	336.3
100°	247.4	258.6	269.6	279.8	288.9	297.7	305.8	313.9	321.4	328.0	333.8
102.5°	245.8	256.8	267.2	277.5	286.7	295.3	303.6	311.6	318.7	325.3	331.0
105°	242.9	254.0	264.8	275.0	283.8	292.5	300.4	308.2	314.9	321.2	327.4
107.5°	239.4	250.5	261.1	271.3	279.8	288.8	296.4	303.6	310.4	316.9	322.9
110°	235.5	246.1	256.4	266.6	275.4	283.8	291.5	298.4	305.2	311.8	317.9



TEST NUMBER: P232028

CATALOG NUMBER: FVS4WM-3-LD4-30-1LO-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
112.5°	231.3	241.6	251.6	261.3	270.5	278.8	286.5	293.3	299.8	306.0	311.6
115°	226.7	236.8	246.6	255.7	264.8	273.2	280.8	287.5	293.6	299.3	305.2
117.5°	221.4	231.1	240.9	249.9	258.4	266.5	274.0	280.9	286.9	292.4	297.9
120°	215.6	225.1	234.4	243.2	251.5	259.1	266.6	273.4	279.5	285.1	290.0
122.5°	209.1	218.5	227.5	236.2	244.2	251.6	258.7	265.5	271.4	276.9	281.7
125°	202.0	211.6	220.4	228.3	236.3	243.8	250.4	256.7	262.6	268.1	272.8
127.5°	194.1	203.3	211.7	219.8	228.1	234.9	241.5	248.0	253.2	258.4	263.2
130°	186.1	194.8	203.3	210.9	218.4	225.5	231.9	237.8	244.0	248.4	252.7
132.5°	177.7	185.9	194.4	202.2	208.7	215.5	221.9	227.2	232.6	237.4	241.5
135°	169.1	176.9	184.5	192.0	198.6	204.9	211.2	216.9	221.7	226.2	229.8
137.5°	159.7	167.7	174.7	181.3	187.9	194.0	199.5	205.1	210.8	214.4	218.4
140°	149.9	157.6	164.7	170.9	177.0	183.0	188.2	192.9	197.5	201.7	205.3
142.5°	139.7	146.7	153.6	160.0	165.6	170.9	176.1	180.8	184.9	189.2	192.0
145°	129.0	135.6	142.0	147.9	153.4	158.3	163.1	167.6	171.9	175.6	178.7
147.5°	118.4	124.4	130.1	135.6	140.6	145.4	150.0	154.0	157.8	161.3	164.6
150°	107.8	113.3	118.4	123.2	127.8	132.2	136.6	140.8	144.1	147.2	150.3
152.5°	96.6	101.5	106.2	110.7	114.9	118.7	123.2	126.5	130.0	133.0	135.6
155°	85.4	89.7	94.2	97.8	101.8	105.6	109.1	112.5	115.7	118.7	121.0
157.5°	74.2	78.1	81.7	85.3	88.8	92.1	95.2	98.1	100.8	103.4	105.7
160°	62.9	66.3	69.4	72.4	75.4	78.4	81.1	83.6	85.9	88.1	90.0
162.5°	52.2	55.4	57.7	60.3	62.7	65.2	67.5	69.6	71.5	73.1	74.7
165°	41.2	43.6	45.8	47.8	49.7	51.8	53.8	55.7	57.5	59.2	60.6
167.5°	31.2	32.8	34.4	36.2	37.8	39.4	40.9	42.3	43.6	44.9	46.2
170°	21.8	23.2	24.5	25.7	26.8	27.8	28.7	29.7	30.7	31.6	32.5
172.5°	14.0	14.7	15.3	15.9	16.5	17.3	17.8	18.7	19.4	20.0	20.6
175°	6.9	7.5	8.0	8.5	8.9	9.3	9.7	10.1	10.4	10.7	11.0
177.5°	3.3	3.4	3.5	3.6	3.6	3.7	3.8	3.8	3.9	3.9	4.0
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: P232028

CATALOG NUMBER: FVS4WM-3-LD4-30-1LO-PFS125-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°	4.0	4.0	4.0	4.0	4.0	4.0	4.1	4.0	4.0	3.9	3.8
5°	11.2	11.4	11.5	11.6	11.7	11.8	11.8	11.8	11.9	11.8	11.6
7.5°	21.2	21.7	22.1	22.5	22.8	23.0	23.2	23.3	23.4	23.6	23.4
10°	33.2	34.2	35.0	35.7	36.3	36.8	37.2	37.5	37.6	38.2	37.9
12.5°	47.2	48.1	48.9	49.6	50.3	51.0	51.5	51.8	52.0	52.1	52.3
15°	61.8	63.0	64.0	64.9	65.6	66.4	67.1	67.5	67.8	67.9	68.2
17.5°	76.3	77.9	79.3	80.3	81.2	81.8	82.4	83.3	84.0	84.5	85.4
20°	91.8	93.4	94.9	96.1	97.1	97.8	98.3	98.9	99.5	99.8	100.3
22.5°	107.7	109.4	110.8	112.2	113.2	114.1	114.6	114.9	115.5	115.9	116.6
25°	123.0	124.9	126.5	127.8	129.1	130.1	130.9	131.4	131.8	132.5	132.9
27.5°	137.9	140.0	141.8	143.3	144.4	145.7	146.6	147.2	147.5	147.9	147.9
30°	152.4	154.4	156.4	158.1	159.6	160.7	161.7	162.4	162.7	163.0	163.6
32.5°	167.2	169.4	171.4	173.5	174.9	175.8	176.5	177.1	177.4	177.4	178.0
35°	181.4	184.0	186.2	188.1	189.5	190.4	191.0	191.6	191.7	191.3	191.7
37.5°	194.9	197.5	199.8	201.7	203.1	204.4	205.2	205.5	205.5	205.2	205.3
40°	208.4	210.9	212.9	215.1	217.0	218.1	218.6	218.6	218.9	218.9	219.1
42.5°	221.3	223.6	225.9	228.0	229.5	230.4	231.1	231.5	231.6	231.4	230.9
45°	232.9	235.8	238.5	240.5	242.0	243.4	243.5	243.9	243.8	243.5	242.7
47.5°	245.2	248.0	250.2	252.4	254.0	255.1	255.6	255.7	255.3	254.9	254.2
50°	256.5	259.5	262.0	264.4	265.6	266.4	266.9	266.8	266.7	266.5	266.5
52.5°	267.0	270.4	272.8	274.8	276.4	277.6	278.3	277.9	277.8	277.4	277.3
55°	277.1	280.1	282.7	285.3	287.0	288.2	288.6	288.5	288.1	287.1	287.1
57.5°	285.8	289.7	293.2	295.3	297.3	298.4	298.8	298.7	298.1	297.5	297.0
60°	294.6	298.9	302.0	304.6	306.7	307.8	308.2	308.1	307.4	306.6	306.0
62.5°	302.9	306.3	309.8	313.0	315.2	316.4	317.2	317.0	315.8	314.9	314.2
65°	309.7	314.0	317.9	320.8	323.2	324.6	325.2	325.4	324.1	323.2	322.5
67.5°	316.5	321.0	324.8	327.6	330.2	331.7	332.5	332.8	331.9	330.8	329.8
70°	322.7	327.0	330.9	333.7	336.0	337.9	339.2	339.6	338.7	337.1	336.1
72.5°	328.0	332.1	336.0	339.0	341.6	343.6	344.5	345.2	344.2	342.9	341.7
75°	332.5	336.8	340.5	343.7	346.4	347.9	349.0	349.7	349.8	348.4	347.2
77.5°	336.3	340.9	344.5	347.5	350.1	351.7	352.6	353.8	353.9	353.4	351.8
80°	339.1	343.8	347.6	350.5	353.2	355.2	355.7	356.4	356.9	356.8	355.7
82.5°	341.7	346.1	349.8	352.9	355.2	356.8	358.0	358.8	358.7	358.7	359.0
85°	342.8	347.2	350.9	354.5	356.8	358.4	359.3	360.0	360.1	359.9	359.8
87.5°	343.5	347.7	351.4	354.7	356.8	358.1	359.5	360.2	360.2	359.8	359.8
90°	343.5	347.3	351.0	354.7	356.6	357.8	359.0	359.0	359.0	358.4	357.2
92.5°	343.5	347.7	351.4	354.7	356.8	358.1	359.5	360.2	360.2	359.8	359.8
95°	342.8	347.2	350.9	354.5	356.8	358.4	359.3	360.0	360.1	359.9	359.8
97.5°	341.7	346.1	349.8	352.9	355.2	356.8	358.0	358.8	358.7	358.7	359.0
100°	339.1	343.8	347.6	350.5	353.2	355.2	355.7	356.4	356.9	356.8	355.7
102.5°	336.3	340.9	344.5	347.5	350.1	351.7	352.6	353.8	353.9	353.4	351.8
105°	332.5	336.8	340.5	343.7	346.4	347.9	349.0	349.7	349.8	348.4	347.2
107.5°	328.0	332.1	336.0	339.0	341.6	343.6	344.5	345.2	344.2	342.9	341.7
110°	322.7	327.0	330.9	333.7	336.0	337.9	339.2	339.6	338.7	337.1	336.1



TEST NUMBER: P232028

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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°	316.5	321.0	324.8	327.6	330.2	331.7	332.5	332.8	331.9	330.8	329.8
115°	309.7	314.0	317.9	320.8	323.2	324.6	325.2	325.4	324.1	323.2	322.5
117.5°	302.9	306.3	309.8	313.0	315.2	316.4	317.2	317.0	315.8	314.9	314.2
120°	294.6	298.9	302.0	304.6	306.7	307.8	308.2	308.1	307.4	306.6	306.0
122.5°	285.8	289.7	293.2	295.3	297.3	298.4	298.8	298.7	298.1	297.5	297.0
125°	277.1	280.1	282.7	285.3	287.0	288.2	288.6	288.5	288.1	287.1	287.1
127.5°	267.0	270.4	272.8	274.8	276.4	277.6	278.3	277.9	277.8	277.4	277.3
130°	256.5	259.5	262.0	264.4	265.6	266.4	266.9	266.8	266.7	266.5	266.5
132.5°	245.2	248.0	250.2	252.4	254.0	255.1	255.6	255.7	255.3	254.9	254.2
135°	232.9	235.8	238.5	240.5	242.0	243.4	243.5	243.9	243.8	243.5	242.7
137.5°	221.3	223.6	225.9	228.0	229.5	230.4	231.1	231.5	231.6	231.4	230.9
140°	208.4	210.9	212.9	215.1	217.0	218.1	218.6	218.6	218.9	218.9	219.1
142.5°	194.9	197.5	199.8	201.7	203.1	204.4	205.2	205.5	205.5	205.2	205.3
145°	181.4	184.0	186.2	188.1	189.5	190.4	191.0	191.6	191.7	191.3	191.7
147.5°	167.2	169.4	171.4	173.5	174.9	175.8	176.5	177.1	177.4	177.4	178.0
150°	152.4	154.4	156.4	158.1	159.6	160.7	161.7	162.4	162.7	163.0	163.6
152.5°	137.9	140.0	141.8	143.3	144.4	145.7	146.6	147.2	147.5	147.9	147.9
155°	123.0	124.9	126.5	127.8	129.1	130.1	130.9	131.4	131.8	132.5	132.9
157.5°	107.7	109.4	110.8	112.2	113.2	114.1	114.6	114.9	115.5	115.9	116.6
160°	91.8	93.4	94.9	96.1	97.1	97.8	98.3	98.9	99.5	99.8	100.3
162.5°	76.3	77.9	79.3	80.3	81.2	81.8	82.4	83.3	84.0	84.5	85.4
165°	61.8	63.0	64.0	64.9	65.6	66.4	67.1	67.5	67.8	67.9	68.2
167.5°	47.2	48.1	48.9	49.6	50.3	51.0	51.5	51.8	52.0	52.1	52.3
170°	33.2	34.2	35.0	35.7	36.3	36.8	37.2	37.5	37.6	38.2	37.9
172.5°	21.2	21.7	22.1	22.5	22.8	23.0	23.2	23.3	23.4	23.6	23.4
175°	11.2	11.4	11.5	11.6	11.7	11.8	11.8	11.8	11.9	11.8	11.6
177.5°	4.0	4.0	4.0	4.0	4.0	4.0	4.1	4.0	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: P232028

CATALOG NUMBER: FVS4WM-3-LD4-30-1LO-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
0°	0.0	0.0
2.5°	3.8	3.7
5°	11.4	11.2
7.5°	23.2	22.9
10°	37.5	37.2
12.5°	51.9	51.5
15°	67.6	67.0
17.5°	85.2	85.0
20°	99.8	99.2
22.5°	115.9	115.3
25°	133.1	132.7
27.5°	147.8	147.0
30°	164.0	163.7
32.5°	178.4	178.0
35°	192.1	191.6
37.5°	205.8	205.3
40°	220.1	220.1
42.5°	231.2	230.7
45°	244.3	244.9
47.5°	254.6	254.2
50°	267.0	266.6
52.5°	277.8	277.8
55°	287.7	287.7
57.5°	297.0	297.0
60°	306.4	307.0
62.5°	314.6	315.0
65°	322.8	323.7
67.5°	329.7	330.5
70°	335.7	336.7
72.5°	341.9	342.9
75°	346.3	347.9
77.5°	350.7	352.8
80°	354.2	355.9
82.5°	357.2	359.0
85°	359.9	360.9
87.5°	360.7	362.1
90°	357.2	360.3
92.5°	360.7	362.1
95°	359.9	360.9
97.5°	357.2	359.0
100°	354.2	355.9
102.5°	350.7	352.8
105°	346.3	347.9
107.5°	341.9	342.9
110°	335.7	336.7





TEST NUMBER: P232028

CATALOG NUMBER: FVS4WM-3-LD4-30-1LO-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
112.5°	329.7	330.5
115°	322.8	323.7
117.5°	314.6	315.0
120°	306.4	307.0
122.5°	297.0	297.0
125°	287.7	287.7
127.5°	277.8	277.8
130°	267.0	266.6
132.5°	254.6	254.2
135°	244.3	244.9
137.5°	231.2	230.7
140°	220.1	220.1
142.5°	205.8	205.3
145°	192.1	191.6
147.5°	178.4	178.0
150°	164.0	163.7
152.5°	147.8	147.0
155°	133.1	132.7
157.5°	115.9	115.3
160°	99.8	99.2
162.5°	85.2	85.0
165°	67.6	67.0
167.5°	51.9	51.5
170°	37.5	37.2
172.5°	23.2	22.9
175°	11.4	11.2
177.5°	3.8	3.7
180°	0.0	0.0

(END OF REPORT)