

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: P232030

Luminaire Tested: **FVS4WM-3-LD4-40-1LO-PFS125-UNV-EDC1**

Issue Date: 3/3/2020



Test Information

Test Method: LM-79-08
Report Number: P232030
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-LD4-40-1LO-PFS125-UNV-EDC1
Description: FAILSAFE FVS LED FIXTURE
3FT LENGTH, 1-MODULE LED WITH PFS125 LENS
Light Source: (84) 4000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

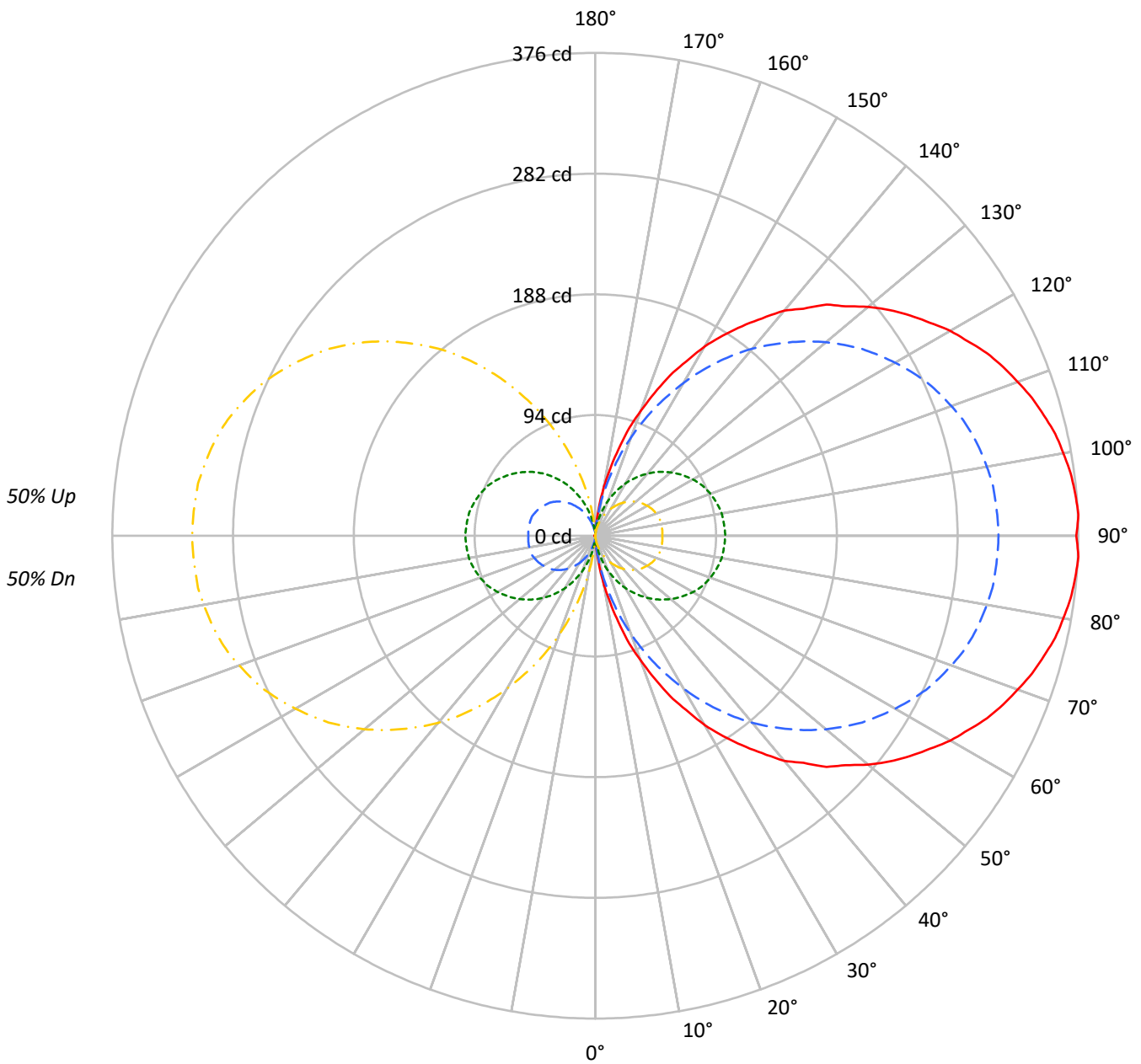
Lumens per Lamp: N/A
Luminaire Lumens: 1605.5 lumens
Efficiency: N/A
Efficacy: 75.4 lumens/watt
Spacing Criteria (0/90/45): - / - / -
Luminous Opening: Rectangular w/ Sides (W: 2.92' x L: 0.19' x H: 0.31')
CIE Type: General Diffuse

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

TEST NUMBER: P232030

CATALOG NUMBER: FVS4WM-3-LD4-40-1LO-PFS125-UNV-EDC1

Luminous Intensity Polar Plot



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



TEST NUMBER: P232030

CATALOG NUMBER: FVS4WM-3-LD4-40-1LO-PFS125-UNV-EDC1

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	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°	200	63	0	63
10°	598	216	0	216
15°	980	382	0	382
20°	1344	585	0	585
25°	1685	786	0	786
30°	1971	1008	0	1008
35°	2209	1238	0	1238
40°	2451	1490	0	1490
45°	2658	1767	0	1767
50°	2842	2083	0	2083
55°	3036	2455	0	2455
60°	3232	2912	0	2912
65°	3426	3492	0	3492
70°	3610	4242	6	4242
75°	3809	5324	6	5324
80°	4012	7044	0	7044
85°	4225	10212	0	10212



TEST NUMBER: P232030

CATALOG NUMBER: FVS4WM-3-LD4-40-1LO-PFS125-UNV-EDC1

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	0.9	0.1
10°-20°	8.9	0.6
20°-30°	27.9	1.7
30°-40°	55.7	3.5
40°-50°	88.0	5.5
50°-60°	120.7	7.5
60°-70°	149.4	9.3
70°-80°	170.4	10.6
80°-90°	180.8	11.3
90°-100°	180.8	11.3
100°-110°	170.4	10.6
110°-120°	149.4	9.3
120°-130°	120.7	7.5
130°-140°	88.0	5.5
140°-150°	55.7	3.5
150°-160°	27.9	1.7
160°-170°	8.9	0.6
170°-180°	0.9	0.1
0°-30°	37.7	2.3
0°-40°	93.4	5.8
0°-60°	302.1	18.8
0°-90°	802.7	50.0
90°-120°	500.7	31.2
90°-150°	765.0	47.7
90°-180°	803.0	50.0
0°-180°	1605.5	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	0	0	0	0	0	
5°	12	3	0	3	12	2
15°	70	19	0	19	70	21
25°	138	38	0	38	138	64
35°	199	55	0	55	199	126
45°	255	70	0	70	255	196
55°	299	82	0	82	299	268
65°	336	92	0	92	336	333
75°	362	98	1	98	362	382
85°	375	101	0	101	375	305
90°	374	101	0	101	374	206
95°	375	101	0	101	375	305
105°	362	98	1	98	362	382
115°	336	92	0	92	336	333
125°	299	82	0	82	299	268
135°	255	70	0	70	255	196
145°	199	55	0	55	199	126
155°	138	38	0	38	138	64
165°	70	19	0	19	70	21
175°	12	3	0	3	12	2
180°	0	0	0	0	0	



TEST NUMBER: P232030

CATALOG NUMBER: FVS4WM-3-LD4-40-1LO-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°	3.9	4.0	4.0	4.1	4.2	4.2	4.3	4.2	4.2	4.2	4.2
5°	11.6	11.8	12.0	12.2	12.4	12.2	12.2	12.2	12.2	12.1	12.0
7.5°	23.8	24.1	24.3	24.6	24.3	24.2	24.1	23.9	23.6	23.3	22.9
10°	38.7	39.0	39.4	39.7	39.1	38.9	38.6	38.2	37.7	37.1	36.3
12.5°	53.5	53.9	54.4	54.1	54.1	53.9	53.5	53.0	52.3	51.5	50.8
15°	69.6	70.2	70.8	70.5	70.5	70.2	69.7	69.0	68.2	67.5	66.5
17.5°	88.3	88.5	88.7	87.9	87.3	86.5	85.7	85.0	84.4	83.5	82.4
20°	103.1	103.7	104.3	103.8	103.4	102.8	102.2	101.7	100.9	99.9	98.6
22.5°	119.9	120.6	121.2	120.5	120.1	119.5	119.2	118.6	117.7	116.6	115.2
25°	137.9	138.4	138.1	137.7	137.0	136.6	136.1	135.3	134.2	132.9	131.5
27.5°	152.8	153.6	153.8	153.7	153.3	153.0	152.4	151.4	150.1	149.0	147.5
30°	170.2	170.6	170.1	169.5	169.1	168.8	168.1	167.0	165.9	164.4	162.6
32.5°	185.0	185.4	185.0	184.4	184.4	184.1	183.4	182.7	181.8	180.3	178.2
35°	199.2	199.7	199.2	198.8	199.2	199.1	198.6	197.9	197.0	195.5	193.5
37.5°	213.4	213.9	213.4	213.2	213.6	213.6	213.3	212.5	211.2	209.6	207.7
40°	228.8	228.8	227.7	227.5	227.5	227.2	227.1	226.7	225.5	223.6	221.3
42.5°	239.8	240.4	240.0	240.5	240.7	240.6	240.2	239.6	238.6	237.0	234.9
45°	254.6	254.0	252.2	253.1	253.4	253.5	253.1	253.0	251.5	250.0	247.9
47.5°	264.3	264.6	264.1	264.9	265.4	265.8	265.7	265.2	264.1	262.4	260.1
50°	277.2	277.6	277.0	277.0	277.2	277.4	277.4	276.9	276.0	274.8	272.4
52.5°	288.8	288.8	288.3	288.4	288.7	288.9	289.2	288.6	287.4	285.7	283.5
55°	299.1	299.1	298.4	298.4	299.5	299.9	300.0	299.6	298.4	296.6	293.9
57.5°	308.8	308.8	308.8	309.2	309.9	310.4	310.5	310.2	309.1	307.0	304.7
60°	319.1	318.5	318.0	318.7	319.5	320.3	320.4	320.0	318.9	316.6	313.8
62.5°	327.4	327.0	326.6	327.3	328.3	329.5	329.7	328.9	327.7	325.3	322.1
65°	336.5	335.5	335.2	336.0	336.8	338.2	338.0	337.4	335.9	333.4	330.5
67.5°	343.6	342.7	342.9	343.8	344.9	345.9	345.6	344.8	343.2	340.6	337.6
70°	350.0	349.0	349.3	350.4	352.0	352.9	352.5	351.2	349.2	346.8	343.9
72.5°	356.5	355.4	355.3	356.4	357.8	358.8	358.0	357.1	355.1	352.4	349.3
75°	361.6	360.0	360.9	362.2	363.7	363.5	362.8	361.6	360.1	357.2	353.9
77.5°	366.8	364.5	365.8	367.4	367.9	367.8	366.6	365.5	363.9	361.2	358.1
80°	370.0	368.2	369.8	370.8	371.0	370.4	369.7	369.2	367.1	364.3	361.4
82.5°	373.2	371.3	373.2	372.9	372.9	373.0	372.1	370.9	369.2	366.8	363.6
85°	375.1	374.1	374.0	374.1	374.3	374.2	373.5	372.5	370.8	368.5	364.8
87.5°	376.4	374.9	374.0	374.0	374.4	374.4	373.7	372.3	370.8	368.7	365.3
90°	374.5	371.3	371.3	372.6	373.2	373.2	373.2	371.9	370.6	368.7	364.8
92.5°	376.4	374.9	374.0	374.0	374.4	374.4	373.7	372.3	370.8	368.7	365.3
95°	375.1	374.1	374.0	374.1	374.3	374.2	373.5	372.5	370.8	368.5	364.8
97.5°	373.2	371.3	373.2	372.9	372.9	373.0	372.1	370.9	369.2	366.8	363.6
100°	370.0	368.2	369.8	370.8	371.0	370.4	369.7	369.2	367.1	364.3	361.4
102.5°	366.8	364.5	365.8	367.4	367.9	367.8	366.6	365.5	363.9	361.2	358.1
105°	361.6	360.0	360.9	362.2	363.7	363.5	362.8	361.6	360.1	357.2	353.9
107.5°	356.5	355.4	355.3	356.4	357.8	358.8	358.0	357.1	355.1	352.4	349.3
110°	350.0	349.0	349.3	350.4	352.0	352.9	352.5	351.2	349.2	346.8	343.9



TEST NUMBER: P232030

CATALOG NUMBER: FVS4WM-3-LD4-40-1LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
112.5°	343.6	342.7	342.9	343.8	344.9	345.9	345.6	344.8	343.2	340.6	337.6
115°	336.5	335.5	335.2	336.0	336.8	338.2	338.0	337.4	335.9	333.4	330.5
117.5°	327.4	327.0	326.6	327.3	328.3	329.5	329.7	328.9	327.7	325.3	322.1
120°	319.1	318.5	318.0	318.7	319.5	320.3	320.4	320.0	318.9	316.6	313.8
122.5°	308.8	308.8	308.8	309.2	309.9	310.4	310.5	310.2	309.1	307.0	304.7
125°	299.1	299.1	298.4	298.4	299.5	299.9	300.0	299.6	298.4	296.6	293.9
127.5°	288.8	288.8	288.3	288.4	288.7	288.9	289.2	288.6	287.4	285.7	283.5
130°	277.2	277.6	277.0	277.0	277.2	277.4	277.4	276.9	276.0	274.8	272.4
132.5°	264.3	264.6	264.1	264.9	265.4	265.8	265.7	265.2	264.1	262.4	260.1
135°	254.6	254.0	252.2	253.1	253.4	253.5	253.1	253.0	251.5	250.0	247.9
137.5°	239.8	240.4	240.0	240.5	240.7	240.6	240.2	239.6	238.6	237.0	234.9
140°	228.8	228.8	227.7	227.5	227.5	227.2	227.1	226.7	225.5	223.6	221.3
142.5°	213.4	213.9	213.4	213.2	213.6	213.6	213.3	212.5	211.2	209.6	207.7
145°	199.2	199.7	199.2	198.8	199.2	199.1	198.6	197.9	197.0	195.5	193.5
147.5°	185.0	185.4	185.0	184.4	184.4	184.1	183.4	182.7	181.8	180.3	178.2
150°	170.2	170.6	170.1	169.5	169.1	168.8	168.1	167.0	165.9	164.4	162.6
152.5°	152.8	153.6	153.8	153.7	153.3	153.0	152.4	151.4	150.1	149.0	147.5
155°	137.9	138.4	138.1	137.7	137.0	136.6	136.1	135.3	134.2	132.9	131.5
157.5°	119.9	120.6	121.2	120.5	120.1	119.5	119.2	118.6	117.7	116.6	115.2
160°	103.1	103.7	104.3	103.8	103.4	102.8	102.2	101.7	100.9	99.9	98.6
162.5°	88.3	88.5	88.7	87.9	87.3	86.5	85.7	85.0	84.4	83.5	82.4
165°	69.6	70.2	70.8	70.5	70.5	70.2	69.7	69.0	68.2	67.5	66.5
167.5°	53.5	53.9	54.4	54.1	54.1	53.9	53.5	53.0	52.3	51.5	50.8
170°	38.7	39.0	39.4	39.7	39.1	38.9	38.6	38.2	37.7	37.1	36.3
172.5°	23.8	24.1	24.3	24.6	24.3	24.2	24.1	23.9	23.6	23.3	22.9
175°	11.6	11.8	12.0	12.2	12.4	12.2	12.2	12.2	12.2	12.1	12.0
177.5°	3.9	4.0	4.0	4.1	4.2	4.2	4.3	4.2	4.2	4.2	4.2
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: P232030

CATALOG NUMBER: FVS4WM-3-LD4-40-1LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	4.2	4.2	4.1	4.1	4.1	4.0	4.0	3.9	3.8	3.7	3.6
5°	11.8	11.6	11.4	11.1	10.8	10.5	10.1	9.7	9.3	8.8	8.3
7.5°	22.5	22.0	21.4	20.8	20.1	19.4	18.5	17.9	17.1	16.5	15.9
10°	35.5	34.5	33.8	32.9	31.9	30.8	29.8	28.9	27.8	26.7	25.4
12.5°	50.1	49.1	48.0	46.7	45.4	44.0	42.5	41.0	39.4	37.6	35.8
15°	65.5	64.3	63.0	61.5	59.8	57.9	55.9	53.9	51.7	49.7	47.6
17.5°	81.0	79.3	77.6	76.0	74.3	72.3	70.1	67.7	65.2	62.7	60.0
20°	97.1	95.4	93.6	91.6	89.3	86.9	84.3	81.5	78.4	75.2	72.1
22.5°	113.7	111.9	109.9	107.5	104.8	102.0	99.0	95.7	92.3	88.6	84.9
25°	129.8	127.9	125.7	123.3	120.3	117.0	113.4	109.8	105.8	101.6	97.9
27.5°	145.5	143.3	140.9	138.3	135.1	131.5	128.0	123.4	119.4	115.1	110.4
30°	160.6	158.5	156.2	153.0	149.8	146.4	142.0	137.4	132.8	128.1	123.2
32.5°	176.1	173.8	171.1	167.7	164.0	160.1	155.9	151.2	146.1	140.9	135.3
35°	191.2	188.5	185.7	182.5	178.7	174.2	169.5	164.6	159.4	153.7	147.5
37.5°	205.3	202.6	199.6	196.6	192.2	188.0	183.1	177.7	172.2	166.3	159.7
40°	219.2	216.6	213.4	209.6	205.2	200.5	195.7	190.2	184.1	177.7	171.2
42.5°	232.5	230.1	227.0	222.8	219.1	213.2	207.4	201.6	195.3	188.6	181.6
45°	245.2	242.1	238.8	235.0	230.4	225.4	219.5	213.0	206.4	199.6	191.8
47.5°	257.8	254.9	251.0	246.7	241.7	236.1	230.6	224.0	217.0	210.2	202.1
50°	269.8	266.7	262.7	258.2	253.7	247.1	241.0	234.4	227.0	219.3	211.4
52.5°	281.0	277.6	273.6	268.6	263.2	257.8	251.0	244.2	237.2	228.5	220.1
55°	291.2	288.0	283.6	278.7	272.9	266.8	260.3	253.5	245.6	237.3	229.1
57.5°	301.2	297.1	292.8	287.8	282.2	275.9	268.9	261.6	253.8	245.5	236.5
60°	310.7	306.2	301.4	296.4	290.6	284.2	277.2	269.4	261.4	252.9	243.7
62.5°	318.4	314.9	309.7	304.0	298.2	292.0	284.8	277.0	268.6	259.8	250.4
65°	326.3	321.9	317.2	311.1	305.2	298.9	291.8	284.0	275.2	265.8	256.3
67.5°	333.7	329.0	323.9	318.1	311.7	304.9	297.8	289.9	281.2	271.7	261.5
70°	339.9	335.5	330.5	324.1	317.3	310.3	303.0	295.0	286.3	277.2	266.6
72.5°	345.3	340.9	335.6	329.3	322.7	315.6	308.1	300.2	290.8	282.0	271.4
75°	350.1	345.6	340.3	333.9	327.3	320.4	312.2	304.0	295.0	285.8	275.3
77.5°	354.3	349.5	344.1	338.2	331.3	323.9	315.6	307.0	298.1	288.4	277.7
80°	357.4	352.5	347.0	341.0	334.1	326.3	317.9	309.5	300.4	290.8	280.2
82.5°	359.8	355.2	349.5	343.1	335.8	328.0	319.8	311.9	302.3	292.4	282.5
85°	360.9	356.3	350.9	344.4	336.9	329.4	321.2	312.7	303.4	293.7	283.9
87.5°	361.4	357.1	351.3	345.0	337.8	330.7	322.3	313.5	304.0	294.6	284.7
90°	361.0	357.1	351.3	345.5	337.8	330.7	322.3	313.9	303.6	294.6	284.3
92.5°	361.4	357.1	351.3	345.0	337.8	330.7	322.3	313.5	304.0	294.6	284.7
95°	360.9	356.3	350.9	344.4	336.9	329.4	321.2	312.7	303.4	293.7	283.9
97.5°	359.8	355.2	349.5	343.1	335.8	328.0	319.8	311.9	302.3	292.4	282.5
100°	357.4	352.5	347.0	341.0	334.1	326.3	317.9	309.5	300.4	290.8	280.2
102.5°	354.3	349.5	344.1	338.2	331.3	323.9	315.6	307.0	298.1	288.4	277.7
105°	350.1	345.6	340.3	333.9	327.3	320.4	312.2	304.0	295.0	285.8	275.3
107.5°	345.3	340.9	335.6	329.3	322.7	315.6	308.1	300.2	290.8	282.0	271.4
110°	339.9	335.5	330.5	324.1	317.3	310.3	303.0	295.0	286.3	277.2	266.6



TEST NUMBER: P232030

CATALOG NUMBER: FVS4WM-3-LD4-40-1LO-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°	333.7	329.0	323.9	318.1	311.7	304.9	297.8	289.9	281.2	271.7	261.5
115°	326.3	321.9	317.2	311.1	305.2	298.9	291.8	284.0	275.2	265.8	256.3
117.5°	318.4	314.9	309.7	304.0	298.2	292.0	284.8	277.0	268.6	259.8	250.4
120°	310.7	306.2	301.4	296.4	290.6	284.2	277.2	269.4	261.4	252.9	243.7
122.5°	301.2	297.1	292.8	287.8	282.2	275.9	268.9	261.6	253.8	245.5	236.5
125°	291.2	288.0	283.6	278.7	272.9	266.8	260.3	253.5	245.6	237.3	229.1
127.5°	281.0	277.6	273.6	268.6	263.2	257.8	251.0	244.2	237.2	228.5	220.1
130°	269.8	266.7	262.7	258.2	253.7	247.1	241.0	234.4	227.0	219.3	211.4
132.5°	257.8	254.9	251.0	246.7	241.7	236.1	230.6	224.0	217.0	210.2	202.1
135°	245.2	242.1	238.8	235.0	230.4	225.4	219.5	213.0	206.4	199.6	191.8
137.5°	232.5	230.1	227.0	222.8	219.1	213.2	207.4	201.6	195.3	188.6	181.6
140°	219.2	216.6	213.4	209.6	205.2	200.5	195.7	190.2	184.1	177.7	171.2
142.5°	205.3	202.6	199.6	196.6	192.2	188.0	183.1	177.7	172.2	166.3	159.7
145°	191.2	188.5	185.7	182.5	178.7	174.2	169.5	164.6	159.4	153.7	147.5
147.5°	176.1	173.8	171.1	167.7	164.0	160.1	155.9	151.2	146.1	140.9	135.3
150°	160.6	158.5	156.2	153.0	149.8	146.4	142.0	137.4	132.8	128.1	123.2
152.5°	145.5	143.3	140.9	138.3	135.1	131.5	128.0	123.4	119.4	115.1	110.4
155°	129.8	127.9	125.7	123.3	120.3	117.0	113.4	109.8	105.8	101.6	97.9
157.5°	113.7	111.9	109.9	107.5	104.8	102.0	99.0	95.7	92.3	88.6	84.9
160°	97.1	95.4	93.6	91.6	89.3	86.9	84.3	81.5	78.4	75.2	72.1
162.5°	81.0	79.3	77.6	76.0	74.3	72.3	70.1	67.7	65.2	62.7	60.0
165°	65.5	64.3	63.0	61.5	59.8	57.9	55.9	53.9	51.7	49.7	47.6
167.5°	50.1	49.1	48.0	46.7	45.4	44.0	42.5	41.0	39.4	37.6	35.8
170°	35.5	34.5	33.8	32.9	31.9	30.8	29.8	28.9	27.8	26.7	25.4
172.5°	22.5	22.0	21.4	20.8	20.1	19.4	18.5	17.9	17.1	16.5	15.9
175°	11.8	11.6	11.4	11.1	10.8	10.5	10.1	9.7	9.3	8.8	8.3
177.5°	4.2	4.2	4.1	4.1	4.1	4.0	4.0	3.9	3.8	3.7	3.6
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232030

CATALOG NUMBER: FVS4WM-3-LD4-40-1LO-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°	3.5	3.4	3.3	3.2	3.1	3.0	2.8	2.7	2.6	2.4	2.3
5°	7.8	7.2	6.7	6.4	6.2	5.9	5.7	5.4	5.1	4.8	4.5
7.5°	15.2	14.5	13.8	13.0	12.2	11.4	10.5	10.0	9.7	9.3	8.9
10°	24.1	22.7	21.3	20.3	19.2	18.1	17.0	15.8	14.5	13.9	13.4
12.5°	34.2	32.5	30.7	28.8	26.9	25.2	23.8	22.3	20.8	19.2	18.2
15°	45.3	42.9	40.6	38.1	35.8	33.4	31.0	29.1	27.2	25.2	23.1
17.5°	57.7	54.3	51.1	47.8	44.7	42.0	39.1	36.0	33.6	31.5	29.2
20°	68.9	65.4	61.7	58.1	54.5	50.9	47.4	43.7	39.9	37.5	35.2
22.5°	81.1	77.0	72.6	67.9	64.0	60.1	56.1	52.0	47.8	44.0	41.3
25°	93.2	88.8	84.0	79.1	74.1	69.5	64.9	60.2	55.7	51.1	47.6
27.5°	105.6	100.5	95.1	89.5	84.3	78.9	73.5	68.0	62.8	57.9	53.4
30°	117.8	112.1	106.2	100.2	94.2	88.1	81.7	75.6	69.6	64.2	59.2
32.5°	129.3	123.0	116.6	110.2	104.1	97.4	90.2	83.3	76.4	70.4	64.8
35°	140.9	134.1	127.2	120.0	113.1	106.1	98.6	91.4	83.6	76.5	70.4
37.5°	152.5	145.2	138.0	130.3	122.8	114.5	106.6	98.6	90.7	82.8	76.1
40°	163.9	155.8	148.0	139.9	131.1	122.6	114.1	105.7	97.4	89.3	81.9
42.5°	174.3	166.0	157.3	148.7	139.7	130.6	121.6	112.7	103.5	94.9	86.8
45°	183.8	175.7	166.7	157.6	148.4	138.5	129.0	119.7	109.7	100.3	91.5
47.5°	193.2	184.8	175.8	166.9	156.8	146.5	135.8	126.2	115.7	105.5	96.1
50°	202.4	193.4	184.1	174.1	163.9	153.3	141.9	131.8	121.4	110.8	100.8
52.5°	211.3	201.7	191.7	181.3	170.7	159.9	148.1	137.4	126.8	115.4	105.2
55°	219.9	209.9	199.3	188.6	177.6	166.2	154.3	142.8	132.0	119.8	109.4
57.5°	227.2	217.4	207.2	195.7	184.3	172.3	160.0	148.0	136.7	124.3	113.3
60°	234.0	224.1	213.4	201.9	190.0	177.9	165.2	153.3	141.1	128.6	117.0
62.5°	240.3	230.2	219.4	207.5	195.2	183.2	170.0	157.7	145.0	132.2	120.3
65°	246.1	235.6	224.7	212.6	199.8	187.8	174.5	161.4	148.6	135.7	123.4
67.5°	251.2	240.4	229.3	217.3	204.3	191.9	178.5	164.9	151.6	138.6	126.1
70°	255.8	244.8	233.3	221.5	208.7	195.6	182.1	168.1	154.3	141.3	128.8
72.5°	260.4	248.9	237.1	225.2	212.5	199.0	185.0	171.1	157.1	143.7	130.4
75°	264.1	252.5	240.4	227.9	215.3	201.9	187.3	173.9	159.8	146.0	131.7
77.5°	267.0	255.6	243.4	230.4	217.3	204.3	189.6	176.0	161.3	147.6	133.2
80°	268.8	257.2	245.4	232.4	218.9	206.0	191.9	177.9	162.4	149.0	134.6
82.5°	270.5	258.6	247.1	234.3	220.6	207.5	192.8	179.1	163.9	149.9	136.3
85°	271.8	260.2	248.7	235.8	222.3	209.4	193.4	180.5	165.6	150.8	137.3
87.5°	272.7	260.8	249.0	236.6	222.7	208.9	193.7	180.8	165.4	150.8	136.7
90°	272.7	260.4	248.2	236.6	222.4	208.2	194.0	181.1	165.0	150.8	136.0
92.5°	272.7	260.8	249.0	236.6	222.7	208.9	193.7	180.8	165.4	150.8	136.7
95°	271.8	260.2	248.7	235.8	222.3	209.4	193.4	180.5	165.6	150.8	137.3
97.5°	270.5	258.6	247.1	234.3	220.6	207.5	192.8	179.1	163.9	149.9	136.3
100°	268.8	257.2	245.4	232.4	218.9	206.0	191.9	177.9	162.4	149.0	134.6
102.5°	267.0	255.6	243.4	230.4	217.3	204.3	189.6	176.0	161.3	147.6	133.2
105°	264.1	252.5	240.4	227.9	215.3	201.9	187.3	173.9	159.8	146.0	131.7
107.5°	260.4	248.9	237.1	225.2	212.5	199.0	185.0	171.1	157.1	143.7	130.4
110°	255.8	244.8	233.3	221.5	208.7	195.6	182.1	168.1	154.3	141.3	128.8



TEST NUMBER: P232030

CATALOG NUMBER: FVS4WM-3-LD4-40-1LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	251.2	240.4	229.3	217.3	204.3	191.9	178.5	164.9	151.6	138.6	126.1
115°	246.1	235.6	224.7	212.6	199.8	187.8	174.5	161.4	148.6	135.7	123.4
117.5°	240.3	230.2	219.4	207.5	195.2	183.2	170.0	157.7	145.0	132.2	120.3
120°	234.0	224.1	213.4	201.9	190.0	177.9	165.2	153.3	141.1	128.6	117.0
122.5°	227.2	217.4	207.2	195.7	184.3	172.3	160.0	148.0	136.7	124.3	113.3
125°	219.9	209.9	199.3	188.6	177.6	166.2	154.3	142.8	132.0	119.8	109.4
127.5°	211.3	201.7	191.7	181.3	170.7	159.9	148.1	137.4	126.8	115.4	105.2
130°	202.4	193.4	184.1	174.1	163.9	153.3	141.9	131.8	121.4	110.8	100.8
132.5°	193.2	184.8	175.8	166.9	156.8	146.5	135.8	126.2	115.7	105.5	96.1
135°	183.8	175.7	166.7	157.6	148.4	138.5	129.0	119.7	109.7	100.3	91.5
137.5°	174.3	166.0	157.3	148.7	139.7	130.6	121.6	112.7	103.5	94.9	86.8
140°	163.9	155.8	148.0	139.9	131.1	122.6	114.1	105.7	97.4	89.3	81.9
142.5°	152.5	145.2	138.0	130.3	122.8	114.5	106.6	98.6	90.7	82.8	76.1
145°	140.9	134.1	127.2	120.0	113.1	106.1	98.6	91.4	83.6	76.5	70.4
147.5°	129.3	123.0	116.6	110.2	104.1	97.4	90.2	83.3	76.4	70.4	64.8
150°	117.8	112.1	106.2	100.2	94.2	88.1	81.7	75.6	69.6	64.2	59.2
152.5°	105.6	100.5	95.1	89.5	84.3	78.9	73.5	68.0	62.8	57.9	53.4
155°	93.2	88.8	84.0	79.1	74.1	69.5	64.9	60.2	55.7	51.1	47.6
157.5°	81.1	77.0	72.6	67.9	64.0	60.1	56.1	52.0	47.8	44.0	41.3
160°	68.9	65.4	61.7	58.1	54.5	50.9	47.4	43.7	39.9	37.5	35.2
162.5°	57.7	54.3	51.1	47.8	44.7	42.0	39.1	36.0	33.6	31.5	29.2
165°	45.3	42.9	40.6	38.1	35.8	33.4	31.0	29.1	27.2	25.2	23.1
167.5°	34.2	32.5	30.7	28.8	26.9	25.2	23.8	22.3	20.8	19.2	18.2
170°	24.1	22.7	21.3	20.3	19.2	18.1	17.0	15.8	14.5	13.9	13.4
172.5°	15.2	14.5	13.8	13.0	12.2	11.4	10.5	10.0	9.7	9.3	8.9
175°	7.8	7.2	6.7	6.4	6.2	5.9	5.7	5.4	5.1	4.8	4.5
177.5°	3.5	3.4	3.3	3.2	3.1	3.0	2.8	2.7	2.6	2.4	2.3
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: P232030

CATALOG NUMBER: FVS4WM-3-LD4-40-1LO-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°	2.1	1.9	1.8	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5
5°	4.2	3.9	3.5	3.2	3.2	3.2	3.2	3.2	3.1	3.1	3.1
7.5°	8.5	8.1	7.6	7.1	7.0	6.9	6.8	6.6	6.4	6.3	6.1
10°	12.8	12.3	11.6	11.0	10.8	10.5	10.2	9.9	9.6	9.3	9.0
12.5°	17.5	16.7	16.0	15.2	14.9	14.7	14.4	14.0	13.6	13.3	12.8
15°	22.1	21.2	20.3	19.3	19.1	18.9	18.6	18.3	17.9	17.4	17.0
17.5°	27.4	26.4	25.3	24.2	23.8	23.5	23.0	22.6	22.2	21.7	21.1
20°	32.8	31.5	30.3	29.0	28.5	28.0	27.4	27.0	26.5	26.0	25.1
22.5°	38.5	36.6	35.1	33.5	33.0	32.4	31.8	31.3	30.8	30.0	29.1
25°	44.4	41.6	39.9	38.0	37.4	36.8	36.2	35.7	35.0	34.1	33.1
27.5°	49.9	46.5	44.6	42.6	41.9	41.2	40.5	39.8	39.0	38.1	37.1
30°	55.3	51.4	49.3	47.1	46.4	45.6	44.8	43.9	43.1	42.3	41.1
32.5°	60.2	55.9	53.5	51.3	50.5	49.7	48.8	47.9	47.0	46.0	44.9
35°	65.0	60.4	57.6	55.4	54.6	53.8	52.9	51.9	50.8	49.6	48.4
37.5°	70.0	65.1	61.8	59.3	58.5	57.6	56.6	55.5	54.4	53.2	51.9
40°	75.1	69.9	66.0	63.2	62.3	61.4	60.3	59.2	58.0	56.7	55.4
42.5°	79.3	73.9	69.8	66.8	65.8	64.8	63.8	62.6	61.4	60.1	58.6
45°	83.6	77.8	73.4	70.3	69.3	68.3	67.2	66.0	64.7	63.3	61.6
47.5°	88.1	81.7	76.8	73.5	72.5	71.4	70.3	69.1	67.8	66.3	64.4
50°	92.5	85.5	80.1	76.7	75.7	74.6	73.4	72.2	70.9	69.2	67.3
52.5°	96.2	88.7	83.1	79.6	78.3	77.1	76.1	74.9	73.5	71.7	69.8
55°	99.8	91.9	86.2	82.5	80.9	79.7	78.7	77.6	75.9	74.0	72.1
57.5°	103.2	94.8	88.9	85.1	83.4	82.2	81.1	79.9	78.2	76.3	74.4
60°	106.6	97.7	91.6	87.7	85.9	84.7	83.5	82.2	80.6	78.7	76.8
62.5°	109.6	100.2	93.6	90.0	88.2	86.6	85.6	84.3	82.5	80.6	78.6
65°	112.6	102.7	95.6	92.2	90.4	88.6	87.7	86.2	84.3	82.4	80.2
67.5°	114.8	104.7	97.6	93.8	92.0	90.4	89.1	87.7	85.8	83.9	81.7
70°	117.0	106.6	99.6	95.4	93.6	92.3	90.5	89.1	87.3	85.4	83.1
72.5°	118.8	108.2	101.3	96.7	94.8	93.6	91.7	90.4	88.6	86.4	84.2
75°	120.5	109.7	103.1	98.0	96.1	94.9	92.9	91.6	89.7	87.3	85.2
77.5°	121.6	110.8	103.4	99.0	96.7	95.4	93.9	92.3	90.4	88.2	86.0
80°	122.6	112.2	103.8	99.9	97.3	96.0	94.8	92.9	91.0	89.0	86.6
82.5°	123.4	112.8	104.4	100.3	98.0	96.7	95.1	93.5	91.3	89.4	86.8
85°	123.8	113.4	105.1	100.6	98.6	97.3	95.4	94.1	91.5	89.6	87.0
87.5°	124.1	113.1	105.1	100.9	98.6	97.3	95.7	94.1	91.9	89.9	87.4
90°	124.4	112.8	105.1	101.2	98.6	97.3	96.0	94.1	92.2	90.2	87.7
92.5°	124.1	113.1	105.1	100.9	98.6	97.3	95.7	94.1	91.9	89.9	87.4
95°	123.8	113.4	105.1	100.6	98.6	97.3	95.4	94.1	91.5	89.6	87.0
97.5°	123.4	112.8	104.4	100.3	98.0	96.7	95.1	93.5	91.3	89.4	86.8
100°	122.6	112.2	103.8	99.9	97.3	96.0	94.8	92.9	91.0	89.0	86.6
102.5°	121.6	110.8	103.4	99.0	96.7	95.4	93.9	92.3	90.4	88.2	86.0
105°	120.5	109.7	103.1	98.0	96.1	94.9	92.9	91.6	89.7	87.3	85.2
107.5°	118.8	108.2	101.3	96.7	94.8	93.6	91.7	90.4	88.6	86.4	84.2
110°	117.0	106.6	99.6	95.4	93.6	92.3	90.5	89.1	87.3	85.4	83.1



TEST NUMBER: P232030

CATALOG NUMBER: FVS4WM-3-LD4-40-1LO-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°	114.8	104.7	97.6	93.8	92.0	90.4	89.1	87.7	85.8	83.9	81.7
115°	112.6	102.7	95.6	92.2	90.4	88.6	87.7	86.2	84.3	82.4	80.2
117.5°	109.6	100.2	93.6	90.0	88.2	86.6	85.6	84.3	82.5	80.6	78.6
120°	106.6	97.7	91.6	87.7	85.9	84.7	83.5	82.2	80.6	78.7	76.8
122.5°	103.2	94.8	88.9	85.1	83.4	82.2	81.1	79.9	78.2	76.3	74.4
125°	99.8	91.9	86.2	82.5	80.9	79.7	78.7	77.6	75.9	74.0	72.1
127.5°	96.2	88.7	83.1	79.6	78.3	77.1	76.1	74.9	73.5	71.7	69.8
130°	92.5	85.5	80.1	76.7	75.7	74.6	73.4	72.2	70.9	69.2	67.3
132.5°	88.1	81.7	76.8	73.5	72.5	71.4	70.3	69.1	67.8	66.3	64.4
135°	83.6	77.8	73.4	70.3	69.3	68.3	67.2	66.0	64.7	63.3	61.6
137.5°	79.3	73.9	69.8	66.8	65.8	64.8	63.8	62.6	61.4	60.1	58.6
140°	75.1	69.9	66.0	63.2	62.3	61.4	60.3	59.2	58.0	56.7	55.4
142.5°	70.0	65.1	61.8	59.3	58.5	57.6	56.6	55.5	54.4	53.2	51.9
145°	65.0	60.4	57.6	55.4	54.6	53.8	52.9	51.9	50.8	49.6	48.4
147.5°	60.2	55.9	53.5	51.3	50.5	49.7	48.8	47.9	47.0	46.0	44.9
150°	55.3	51.4	49.3	47.1	46.4	45.6	44.8	43.9	43.1	42.3	41.1
152.5°	49.9	46.5	44.6	42.6	41.9	41.2	40.5	39.8	39.0	38.1	37.1
155°	44.4	41.6	39.9	38.0	37.4	36.8	36.2	35.7	35.0	34.1	33.1
157.5°	38.5	36.6	35.1	33.5	33.0	32.4	31.8	31.3	30.8	30.0	29.1
160°	32.8	31.5	30.3	29.0	28.5	28.0	27.4	27.0	26.5	26.0	25.1
162.5°	27.4	26.4	25.3	24.2	23.8	23.5	23.0	22.6	22.2	21.7	21.1
165°	22.1	21.2	20.3	19.3	19.1	18.9	18.6	18.3	17.9	17.4	17.0
167.5°	17.5	16.7	16.0	15.2	14.9	14.7	14.4	14.0	13.6	13.3	12.8
170°	12.8	12.3	11.6	11.0	10.8	10.5	10.2	9.9	9.6	9.3	9.0
172.5°	8.5	8.1	7.6	7.1	7.0	6.9	6.8	6.6	6.4	6.3	6.1
175°	4.2	3.9	3.5	3.2	3.2	3.2	3.2	3.2	3.1	3.1	3.1
177.5°	2.1	1.9	1.8	1.6	1.6	1.6	1.6	1.6	1.6	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: P232030

CATALOG NUMBER: FVS4WM-3-LD4-40-1LO-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	1.5	1.5	1.4	1.4	1.3	1.3	1.3	1.2	1.2	1.1
5°	3.0	3.0	2.9	2.8	2.8	2.7	2.6	2.4	2.3	2.2	2.1
7.5°	5.9	5.6	5.4	5.1	4.8	4.6	4.3	3.9	3.6	3.3	3.0
10°	8.7	8.4	8.0	7.7	7.3	7.0	6.7	6.4	6.0	5.7	5.3
12.5°	12.4	11.9	11.4	11.0	10.5	10.0	9.5	9.0	8.4	7.9	7.4
15°	16.4	15.9	15.3	14.8	14.2	13.4	12.6	11.8	11.0	10.2	9.4
17.5°	20.4	19.8	19.1	18.2	17.3	16.3	15.3	14.5	13.6	12.7	11.8
20°	24.3	23.4	22.6	21.7	20.7	19.6	18.6	17.5	16.4	15.3	14.2
22.5°	28.1	27.2	26.3	25.3	24.1	22.9	21.7	20.6	19.4	18.1	16.8
25°	32.0	31.0	29.9	28.8	27.5	26.3	25.0	23.7	22.2	20.7	19.3
27.5°	35.9	34.7	33.6	32.6	31.2	29.7	28.2	26.6	24.9	23.4	21.9
30°	39.8	38.6	37.4	36.0	34.5	32.9	31.3	29.5	27.8	26.1	24.3
32.5°	43.6	42.3	41.0	39.4	37.8	36.1	34.3	32.4	30.5	28.6	26.6
35°	47.1	45.7	44.2	42.6	40.9	39.2	37.1	35.0	33.1	31.1	29.0
37.5°	50.5	49.0	47.5	45.6	43.7	41.8	39.8	37.8	35.8	33.8	31.5
40°	53.9	52.1	50.4	48.5	46.6	44.7	42.5	40.3	38.4	36.1	33.5
42.5°	57.0	55.1	53.5	51.6	49.6	47.3	45.0	43.0	40.7	38.2	35.7
45°	59.7	57.9	56.4	54.3	52.2	49.9	47.6	45.3	42.9	40.3	37.7
47.5°	62.5	60.8	59.0	56.9	54.7	52.3	49.8	47.5	45.0	42.4	39.5
50°	65.3	63.4	61.4	59.2	57.0	54.4	51.9	49.5	46.7	44.1	41.2
52.5°	67.9	65.9	63.8	61.3	58.9	56.4	53.9	51.1	48.4	45.8	42.9
55°	70.1	68.1	65.9	63.3	61.0	58.5	55.6	52.7	50.3	47.4	44.3
57.5°	72.3	70.3	68.0	65.4	63.2	60.3	57.4	54.6	52.0	48.6	45.5
60°	74.2	72.2	69.7	67.2	64.8	62.1	59.3	56.1	53.0	49.8	46.7
62.5°	76.1	74.1	71.5	68.8	66.2	63.4	60.5	57.2	54.4	51.0	47.8
65°	77.8	75.7	73.1	70.3	67.6	64.8	61.7	58.6	55.5	52.0	48.9
67.5°	79.4	77.2	74.6	71.9	69.2	65.9	62.9	59.8	56.6	53.1	49.7
70°	80.8	78.5	75.7	72.9	70.1	66.9	64.2	60.9	57.6	54.1	50.6
72.5°	82.0	79.6	76.7	73.8	70.9	67.9	65.0	61.7	58.3	54.7	51.4
75°	82.9	80.3	77.6	74.6	71.7	68.7	65.7	62.3	58.8	55.2	51.7
77.5°	83.5	80.9	78.3	75.3	72.5	69.5	66.3	62.6	59.1	55.5	51.9
80°	84.0	81.4	78.8	75.7	72.9	69.8	66.3	62.8	59.5	55.7	52.2
82.5°	84.5	81.7	79.1	75.9	73.3	70.2	66.4	63.1	59.9	56.1	52.3
85°	85.1	82.0	79.3	76.2	73.5	70.3	66.5	63.2	60.0	56.2	52.3
87.5°	85.1	81.9	79.3	76.4	73.5	70.3	66.7	63.3	60.0	56.2	52.3
90°	85.1	81.9	79.3	76.7	73.5	70.3	67.0	63.2	59.9	56.1	52.2
92.5°	85.1	81.9	79.3	76.4	73.5	70.3	66.7	63.3	60.0	56.2	52.3
95°	85.1	82.0	79.3	76.2	73.5	70.3	66.5	63.2	60.0	56.2	52.3
97.5°	84.5	81.7	79.1	75.9	73.3	70.2	66.4	63.1	59.9	56.1	52.3
100°	84.0	81.4	78.8	75.7	72.9	69.8	66.3	62.8	59.5	55.7	52.2
102.5°	83.5	80.9	78.3	75.3	72.5	69.5	66.3	62.6	59.1	55.5	51.9
105°	82.9	80.3	77.6	74.6	71.7	68.7	65.7	62.3	58.8	55.2	51.7
107.5°	82.0	79.6	76.7	73.8	70.9	67.9	65.0	61.7	58.3	54.7	51.4
110°	80.8	78.5	75.7	72.9	70.1	66.9	64.2	60.9	57.6	54.1	50.6



TEST NUMBER: P232030

CATALOG NUMBER: FVS4WM-3-LD4-40-1LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	79.4	77.2	74.6	71.9	69.2	65.9	62.9	59.8	56.6	53.1	49.7
115°	77.8	75.7	73.1	70.3	67.6	64.8	61.7	58.6	55.5	52.0	48.9
117.5°	76.1	74.1	71.5	68.8	66.2	63.4	60.5	57.2	54.4	51.0	47.8
120°	74.2	72.2	69.7	67.2	64.8	62.1	59.3	56.1	53.0	49.8	46.7
122.5°	72.3	70.3	68.0	65.4	63.2	60.3	57.4	54.6	52.0	48.6	45.5
125°	70.1	68.1	65.9	63.3	61.0	58.5	55.6	52.7	50.3	47.4	44.3
127.5°	67.9	65.9	63.8	61.3	58.9	56.4	53.9	51.1	48.4	45.8	42.9
130°	65.3	63.4	61.4	59.2	57.0	54.4	51.9	49.5	46.7	44.1	41.2
132.5°	62.5	60.8	59.0	56.9	54.7	52.3	49.8	47.5	45.0	42.4	39.5
135°	59.7	57.9	56.4	54.3	52.2	49.9	47.6	45.3	42.9	40.3	37.7
137.5°	57.0	55.1	53.5	51.6	49.6	47.3	45.0	43.0	40.7	38.2	35.7
140°	53.9	52.1	50.4	48.5	46.6	44.7	42.5	40.3	38.4	36.1	33.5
142.5°	50.5	49.0	47.5	45.6	43.7	41.8	39.8	37.8	35.8	33.8	31.5
145°	47.1	45.7	44.2	42.6	40.9	39.2	37.1	35.0	33.1	31.1	29.0
147.5°	43.6	42.3	41.0	39.4	37.8	36.1	34.3	32.4	30.5	28.6	26.6
150°	39.8	38.6	37.4	36.0	34.5	32.9	31.3	29.5	27.8	26.1	24.3
152.5°	35.9	34.7	33.6	32.6	31.2	29.7	28.2	26.6	24.9	23.4	21.9
155°	32.0	31.0	29.9	28.8	27.5	26.3	25.0	23.7	22.2	20.7	19.3
157.5°	28.1	27.2	26.3	25.3	24.1	22.9	21.7	20.6	19.4	18.1	16.8
160°	24.3	23.4	22.6	21.7	20.7	19.6	18.6	17.5	16.4	15.3	14.2
162.5°	20.4	19.8	19.1	18.2	17.3	16.3	15.3	14.5	13.6	12.7	11.8
165°	16.4	15.9	15.3	14.8	14.2	13.4	12.6	11.8	11.0	10.2	9.4
167.5°	12.4	11.9	11.4	11.0	10.5	10.0	9.5	9.0	8.4	7.9	7.4
170°	8.7	8.4	8.0	7.7	7.3	7.0	6.7	6.4	6.0	5.7	5.3
172.5°	5.9	5.6	5.4	5.1	4.8	4.6	4.3	3.9	3.6	3.3	3.0
175°	3.0	3.0	2.9	2.8	2.8	2.7	2.6	2.4	2.3	2.2	2.1
177.5°	1.5	1.5	1.5	1.4	1.4	1.3	1.3	1.3	1.2	1.2	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: P232030

CATALOG NUMBER: FVS4WM-3-LD4-40-1LO-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°	1.1	1.0	1.0	0.9	0.9	0.8	0.7	0.7	0.6	0.5	0.5
5°	2.0	1.9	1.7	1.6	1.5	1.4	1.3	1.1	1.0	0.9	0.8
7.5°	2.6	2.5	2.4	2.2	2.1	2.0	1.8	1.7	1.5	1.3	1.2
10°	4.9	4.5	4.0	3.6	3.1	2.6	2.4	2.2	2.0	1.8	1.6
12.5°	6.8	6.3	5.7	5.1	4.5	3.9	3.3	2.6	2.1	1.8	1.6
15°	8.5	7.7	7.0	6.3	5.6	5.0	4.3	3.6	2.9	2.2	1.8
17.5°	10.8	9.9	9.0	8.1	7.3	6.5	5.6	4.7	3.8	2.9	2.0
20°	13.2	12.2	11.1	9.9	8.8	7.6	6.5	5.5	4.5	3.6	2.6
22.5°	15.5	14.2	12.9	11.7	10.3	9.0	7.6	6.3	5.3	4.3	3.3
25°	17.9	16.4	14.9	13.4	12.0	10.5	9.0	7.4	6.0	5.0	4.0
27.5°	20.4	18.6	17.0	15.3	13.7	12.0	10.5	8.9	7.3	5.6	4.5
30°	22.5	20.6	18.9	17.1	15.4	13.4	11.5	9.7	8.1	6.4	4.8
32.5°	24.7	22.8	20.9	18.7	16.7	14.6	12.6	10.5	8.9	7.1	5.3
35°	26.9	24.8	22.6	20.4	18.2	16.0	13.9	11.9	9.8	7.9	6.0
37.5°	29.1	26.7	24.4	22.1	19.8	17.6	15.4	13.1	10.9	8.7	6.7
40°	31.1	28.8	26.3	23.9	21.5	19.0	16.5	13.9	11.5	9.1	6.9
42.5°	33.3	30.7	28.0	25.4	22.9	20.2	17.4	14.7	12.2	9.8	7.5
45°	35.1	32.3	29.5	26.7	24.1	21.2	18.4	15.7	12.9	10.3	7.7
47.5°	36.8	34.0	31.2	28.4	25.5	22.4	19.5	16.8	13.8	10.8	8.2
50°	38.4	35.5	32.6	29.5	26.4	23.4	20.5	17.4	14.3	11.3	8.5
52.5°	39.9	36.7	33.6	30.4	27.5	24.4	21.3	18.0	14.7	11.5	8.7
55°	41.2	38.0	34.8	31.8	28.6	25.4	22.0	18.6	15.1	11.7	8.9
57.5°	42.4	39.3	36.0	32.8	29.5	26.0	22.5	18.9	15.4	12.2	9.1
60°	43.7	40.2	37.0	33.8	30.4	26.7	23.1	19.2	15.6	12.4	9.2
62.5°	44.6	41.0	37.9	34.4	31.0	27.3	23.3	19.5	15.8	12.3	9.5
65°	45.5	41.9	38.4	34.9	31.6	27.7	23.6	19.8	15.9	12.3	9.3
67.5°	46.2	42.7	39.0	35.4	31.9	28.4	24.3	19.9	16.0	12.4	9.4
70°	46.9	43.4	39.8	36.0	32.2	28.5	24.4	20.1	15.9	12.1	8.9
72.5°	47.6	44.0	40.2	36.5	32.6	28.8	24.5	20.0	15.9	12.2	9.1
75°	47.8	44.4	40.5	36.9	32.5	29.1	25.0	20.3	15.9	12.1	8.5
77.5°	48.3	44.6	40.7	36.7	32.6	28.9	24.9	20.6	15.8	11.7	8.3
80°	48.6	44.7	40.7	36.8	32.9	28.8	24.8	20.7	16.1	11.7	7.8
82.5°	48.4	44.5	40.7	36.8	32.8	28.6	24.5	20.6	16.5	11.8	7.9
85°	48.4	44.5	40.7	36.6	32.3	28.3	24.4	20.1	16.3	12.1	7.6
87.5°	48.4	44.5	40.7	36.6	32.3	28.3	24.4	20.1	16.3	12.1	7.6
90°	48.3	44.5	40.6	36.1	32.2	28.4	23.8	19.3	15.5	11.6	7.1
92.5°	48.4	44.6	40.7	36.2	32.3	28.5	24.6	20.1	15.7	11.8	8.0
95°	48.4	44.5	40.7	36.6	32.3	28.3	24.4	20.1	16.3	12.1	7.6
97.5°	48.4	44.5	40.7	36.8	32.8	28.6	24.5	20.6	16.5	11.8	7.9
100°	48.6	44.7	40.7	36.8	32.9	28.8	24.8	20.7	16.1	11.7	7.8
102.5°	48.3	44.6	40.7	36.7	32.6	28.9	24.9	20.6	15.8	11.7	8.3
105°	47.8	44.4	40.5	36.9	32.5	29.1	25.0	20.3	15.9	12.1	8.5
107.5°	47.6	44.0	40.2	36.5	32.6	28.8	24.5	20.0	15.9	12.2	9.1
110°	46.9	43.4	39.8	36.0	32.2	28.5	24.4	20.1	15.9	12.1	8.9



TEST NUMBER: P232030

CATALOG NUMBER: FVS4WM-3-LD4-40-1LO-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°	46.2	42.7	39.0	35.4	31.9	28.4	24.3	19.9	16.0	12.4	9.4
115°	45.5	41.9	38.4	34.9	31.6	27.7	23.6	19.8	15.9	12.3	9.3
117.5°	44.6	41.0	37.9	34.4	31.0	27.3	23.3	19.5	15.8	12.3	9.5
120°	43.7	40.2	37.0	33.8	30.4	26.7	23.1	19.2	15.6	12.4	9.2
122.5°	42.4	39.3	36.0	32.8	29.5	26.0	22.5	18.9	15.4	12.2	9.1
125°	41.2	38.0	34.8	31.8	28.6	25.4	22.0	18.6	15.1	11.7	8.9
127.5°	39.9	36.7	33.6	30.4	27.5	24.4	21.3	18.0	14.7	11.5	8.7
130°	38.4	35.5	32.6	29.5	26.4	23.4	20.5	17.4	14.3	11.3	8.5
132.5°	36.8	34.0	31.2	28.4	25.5	22.4	19.5	16.8	13.8	10.8	8.2
135°	35.1	32.3	29.5	26.7	24.1	21.2	18.4	15.7	12.9	10.3	7.7
137.5°	33.3	30.7	28.0	25.4	22.9	20.2	17.4	14.7	12.2	9.8	7.5
140°	31.1	28.8	26.3	23.9	21.5	19.0	16.5	13.9	11.5	9.1	6.9
142.5°	29.1	26.7	24.4	22.1	19.8	17.6	15.4	13.1	10.9	8.7	6.7
145°	26.9	24.8	22.6	20.4	18.2	16.0	13.9	11.9	9.8	7.9	6.0
147.5°	24.7	22.8	20.9	18.7	16.7	14.6	12.6	10.5	8.9	7.1	5.3
150°	22.5	20.6	18.9	17.1	15.4	13.4	11.5	9.7	8.1	6.4	4.8
152.5°	20.4	18.6	17.0	15.3	13.7	12.0	10.5	8.9	7.3	5.6	4.5
155°	17.9	16.4	14.9	13.4	12.0	10.5	9.0	7.4	6.0	5.0	4.0
157.5°	15.5	14.2	12.9	11.7	10.3	9.0	7.6	6.3	5.3	4.3	3.3
160°	13.2	12.2	11.1	9.9	8.8	7.6	6.5	5.5	4.5	3.6	2.6
162.5°	10.8	9.9	9.0	8.1	7.3	6.5	5.6	4.7	3.8	2.9	2.0
165°	8.5	7.7	7.0	6.3	5.6	5.0	4.3	3.6	2.9	2.2	1.8
167.5°	6.8	6.3	5.7	5.1	4.5	3.9	3.3	2.6	2.1	1.8	1.6
170°	4.9	4.5	4.0	3.6	3.1	2.6	2.4	2.2	2.0	1.8	1.6
172.5°	2.6	2.5	2.4	2.2	2.1	2.0	1.8	1.7	1.5	1.3	1.2
175°	2.0	1.9	1.7	1.6	1.5	1.4	1.3	1.1	1.0	0.9	0.8
177.5°	1.1	1.0	1.0	0.9	0.9	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: P232030

CATALOG NUMBER: FVS4WM-3-LD4-40-1LO-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	0.6	0.5	0.3	0.2	0.1	0.0	0.1	0.2	0.3	0.5
7.5°	1.0	0.8	0.7	0.5	0.3	0.2	0.0	0.2	0.3	0.5	0.7
10°	1.4	1.1	0.9	0.7	0.5	0.2	0.0	0.2	0.5	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°	1.4	1.1	0.9	0.6	0.4	0.2	0.0	0.2	0.4	0.6	0.9
20°	1.7	1.2	0.9	0.7	0.5	0.2	0.0	0.2	0.5	0.7	0.9
22.5°	2.4	1.4	1.1	0.8	0.5	0.3	0.0	0.3	0.5	0.8	1.1
25°	3.0	2.0	1.2	0.9	0.6	0.3	0.0	0.3	0.6	0.9	1.2
27.5°	3.3	2.1	0.9	0.5	0.3	0.2	0.0	0.2	0.3	0.5	0.9
30°	3.5	2.3	1.2	0.5	0.3	0.2	0.0	0.2	0.3	0.5	1.2
32.5°	3.7	2.6	1.5	0.6	0.4	0.2	0.0	0.2	0.4	0.6	1.5
35°	4.2	3.0	1.9	0.7	0.4	0.2	0.0	0.2	0.4	0.7	1.9
37.5°	4.8	3.2	2.0	1.0	0.5	0.2	0.0	0.2	0.5	1.0	2.0
40°	5.0	3.1	2.0	1.1	0.5	0.3	0.0	0.3	0.5	1.1	2.0
42.5°	5.3	3.3	1.8	0.8	0.0	0.0	0.0	0.0	0.0	0.8	1.8
45°	5.3	3.5	1.8	0.9	0.0	0.0	0.0	0.0	0.0	0.9	1.8
47.5°	5.8	3.8	2.0	0.9	0.1	0.0	0.0	0.0	0.1	0.9	2.0
50°	6.1	4.0	2.3	1.0	0.2	0.0	0.0	0.0	0.2	1.0	2.3
52.5°	6.2	4.0	2.2	0.7	0.2	0.0	0.0	0.0	0.2	0.7	2.2
55°	6.1	3.8	1.9	0.8	0.3	0.0	0.0	0.0	0.3	0.8	1.9
57.5°	6.1	3.8	1.8	0.9	0.3	0.0	0.0	0.0	0.3	0.9	1.8
60°	6.3	4.1	2.0	0.8	0.1	0.0	0.0	0.0	0.1	0.8	2.0
62.5°	6.5	3.9	2.0	0.7	0.0	0.0	0.0	0.0	0.0	0.7	2.0
65°	6.4	4.0	1.9	0.7	0.1	0.0	0.0	0.0	0.1	0.7	1.9
67.5°	6.4	3.9	1.9	0.8	0.2	0.0	0.6	0.0	0.2	0.8	1.9
70°	6.4	3.9	2.0	0.6	0.1	0.0	0.6	0.0	0.1	0.6	2.0
72.5°	5.9	3.5	1.8	0.7	0.0	0.2	0.6	0.2	0.0	0.7	1.8
75°	5.8	3.4	1.8	0.5	0.0	0.1	0.6	0.1	0.0	0.5	1.8
77.5°	5.7	3.2	1.5	0.5	0.0	0.0	0.0	0.0	0.0	0.5	1.5
80°	5.1	2.7	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
82.5°	4.6	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	3.9	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	4.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	3.9	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	4.6	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	5.1	2.7	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
102.5°	5.7	3.2	1.5	0.5	0.0	0.0	0.0	0.0	0.0	0.5	1.5
105°	5.8	3.4	1.8	0.5	0.0	0.1	0.6	0.1	0.0	0.5	1.8
107.5°	5.9	3.5	1.8	0.7	0.0	0.2	0.6	0.2	0.0	0.7	1.8
110°	6.4	3.9	2.0	0.6	0.1	0.0	0.6	0.0	0.1	0.6	2.0



TEST NUMBER: P232030

CATALOG NUMBER: FVS4WM-3-LD4-40-1LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	6.4	3.9	1.9	0.8	0.2	0.0	0.6	0.0	0.2	0.8	1.9
115°	6.4	4.0	1.9	0.7	0.1	0.0	0.0	0.0	0.1	0.7	1.9
117.5°	6.5	3.9	2.0	0.7	0.0	0.0	0.0	0.0	0.0	0.7	2.0
120°	6.3	4.1	2.0	0.8	0.1	0.0	0.0	0.0	0.1	0.8	2.0
122.5°	6.1	3.8	1.8	0.9	0.3	0.0	0.0	0.0	0.3	0.9	1.8
125°	6.1	3.8	1.9	0.8	0.3	0.0	0.0	0.0	0.3	0.8	1.9
127.5°	6.2	4.0	2.2	0.7	0.2	0.0	0.0	0.0	0.2	0.7	2.2
130°	6.1	4.0	2.3	1.0	0.2	0.0	0.0	0.0	0.2	1.0	2.3
132.5°	5.8	3.8	2.0	0.9	0.1	0.0	0.0	0.0	0.1	0.9	2.0
135°	5.3	3.5	1.8	0.9	0.0	0.0	0.0	0.0	0.0	0.9	1.8
137.5°	5.3	3.3	1.8	0.8	0.0	0.0	0.0	0.0	0.0	0.8	1.8
140°	5.0	3.1	2.0	1.1	0.5	0.3	0.0	0.3	0.5	1.1	2.0
142.5°	4.8	3.2	2.0	1.0	0.5	0.2	0.0	0.2	0.5	1.0	2.0
145°	4.2	3.0	1.9	0.7	0.4	0.2	0.0	0.2	0.4	0.7	1.9
147.5°	3.7	2.6	1.5	0.6	0.4	0.2	0.0	0.2	0.4	0.6	1.5
150°	3.5	2.3	1.2	0.5	0.3	0.2	0.0	0.2	0.3	0.5	1.2
152.5°	3.3	2.1	0.9	0.5	0.3	0.2	0.0	0.2	0.3	0.5	0.9
155°	3.0	2.0	1.2	0.9	0.6	0.3	0.0	0.3	0.6	0.9	1.2
157.5°	2.4	1.4	1.1	0.8	0.5	0.3	0.0	0.3	0.5	0.8	1.1
160°	1.7	1.2	0.9	0.7	0.5	0.2	0.0	0.2	0.5	0.7	0.9
162.5°	1.4	1.1	0.9	0.6	0.4	0.2	0.0	0.2	0.4	0.6	0.9
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°	1.4	1.1	0.9	0.7	0.5	0.2	0.0	0.2	0.5	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	0.6	0.5	0.3	0.2	0.1	0.0	0.1	0.2	0.3	0.5
177.5°	0.4	0.3	0.3	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: P232030

CATALOG NUMBER: FVS4WM-3-LD4-40-1LO-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	0.9	0.9	1.0
5°	0.6	0.7	0.8	0.9	1.0	1.1	1.3	1.4	1.5	1.6	1.7
7.5°	0.8	1.0	1.2	1.3	1.5	1.7	1.8	2.0	2.1	2.2	2.4
10°	1.1	1.4	1.6	1.8	2.0	2.2	2.4	2.6	3.1	3.6	4.0
12.5°	1.1	1.3	1.6	1.8	2.1	2.6	3.3	3.9	4.5	5.1	5.7
15°	1.3	1.5	1.8	2.2	2.9	3.6	4.3	5.0	5.6	6.3	7.0
17.5°	1.1	1.4	2.0	2.9	3.8	4.7	5.6	6.5	7.3	8.1	9.0
20°	1.2	1.7	2.6	3.6	4.5	5.5	6.5	7.6	8.8	9.9	11.1
22.5°	1.4	2.4	3.3	4.3	5.3	6.3	7.6	9.0	10.3	11.7	12.9
25°	2.0	3.0	4.0	5.0	6.0	7.4	9.0	10.5	12.0	13.4	14.9
27.5°	2.1	3.3	4.5	5.6	7.3	8.9	10.5	12.0	13.7	15.3	17.0
30°	2.3	3.5	4.8	6.4	8.1	9.7	11.5	13.4	15.4	17.1	18.9
32.5°	2.6	3.7	5.3	7.1	8.9	10.5	12.6	14.6	16.7	18.7	20.9
35°	3.0	4.2	6.0	7.9	9.8	11.9	13.9	16.0	18.2	20.4	22.6
37.5°	3.2	4.8	6.7	8.7	10.9	13.1	15.4	17.6	19.8	22.1	24.4
40°	3.1	5.0	6.9	9.1	11.5	13.9	16.5	19.0	21.5	23.9	26.3
42.5°	3.3	5.3	7.5	9.8	12.2	14.7	17.4	20.2	22.9	25.4	28.0
45°	3.5	5.3	7.7	10.3	12.9	15.7	18.4	21.2	24.1	26.7	29.5
47.5°	3.8	5.8	8.2	10.8	13.8	16.8	19.5	22.4	25.5	28.4	31.2
50°	4.0	6.1	8.5	11.3	14.3	17.4	20.5	23.4	26.4	29.5	32.6
52.5°	4.0	6.2	8.7	11.5	14.7	18.0	21.3	24.4	27.5	30.4	33.6
55°	3.8	6.1	8.9	11.7	15.1	18.6	22.0	25.4	28.6	31.8	34.8
57.5°	3.8	6.1	9.1	12.2	15.4	18.9	22.5	26.0	29.5	32.8	36.0
60°	4.1	6.3	9.2	12.4	15.6	19.2	23.1	26.7	30.4	33.8	37.0
62.5°	3.9	6.5	9.5	12.3	15.8	19.5	23.3	27.3	31.0	34.4	37.9
65°	4.0	6.4	9.3	12.3	15.9	19.8	23.6	27.7	31.6	34.9	38.4
67.5°	3.9	6.4	9.4	12.4	16.0	19.9	24.3	28.4	31.9	35.4	39.0
70°	3.9	6.4	8.9	12.1	15.9	20.1	24.4	28.5	32.2	36.0	39.8
72.5°	3.5	5.9	9.1	12.2	15.9	20.0	24.5	28.8	32.6	36.5	40.2
75°	3.4	5.8	8.5	12.1	15.9	20.3	25.0	29.1	32.5	36.9	40.5
77.5°	3.2	5.7	8.3	11.7	15.8	20.6	24.9	28.9	32.6	36.7	40.7
80°	2.7	5.1	7.8	11.7	16.1	20.7	24.8	28.8	32.9	36.8	40.7
82.5°	1.6	4.6	7.9	11.8	16.5	20.6	24.5	28.6	32.8	36.8	40.7
85°	1.0	3.9	7.6	12.1	16.3	20.1	24.4	28.3	32.3	36.6	40.7
87.5°	0.4	4.2	8.0	11.8	15.7	20.1	24.6	28.5	32.3	36.2	40.7
90°	0.0	3.9	7.1	11.6	15.5	19.3	23.8	28.4	32.2	36.1	40.6
92.5°	0.4	4.2	8.0	11.8	15.7	20.1	24.6	28.5	32.3	36.2	40.7
95°	1.0	3.9	7.6	12.1	16.3	20.1	24.4	28.3	32.3	36.6	40.7
97.5°	1.6	4.6	7.9	11.8	16.5	20.6	24.5	28.6	32.8	36.8	40.7
100°	2.7	5.1	7.8	11.7	16.1	20.7	24.8	28.8	32.9	36.8	40.7
102.5°	3.2	5.7	8.3	11.7	15.8	20.6	24.9	28.9	32.6	36.7	40.7
105°	3.4	5.8	8.5	12.1	15.9	20.3	25.0	29.1	32.5	36.9	40.5
107.5°	3.5	5.9	9.1	12.2	15.9	20.0	24.5	28.8	32.6	36.5	40.2
110°	3.9	6.4	8.9	12.1	15.9	20.1	24.4	28.5	32.2	36.0	39.8



TEST NUMBER: P232030

CATALOG NUMBER: FVS4WM-3-LD4-40-1LO-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°	3.9	6.4	9.4	12.4	16.0	19.9	24.3	28.4	31.9	35.4	39.0
115°	4.0	6.4	9.3	12.3	15.9	19.8	23.6	27.7	31.6	34.9	38.4
117.5°	3.9	6.5	9.5	12.3	15.8	19.5	23.3	27.3	31.0	34.4	37.9
120°	4.1	6.3	9.2	12.4	15.6	19.2	23.1	26.7	30.4	33.8	37.0
122.5°	3.8	6.1	9.1	12.2	15.4	18.9	22.5	26.0	29.5	32.8	36.0
125°	3.8	6.1	8.9	11.7	15.1	18.6	22.0	25.4	28.6	31.8	34.8
127.5°	4.0	6.2	8.7	11.5	14.7	18.0	21.3	24.4	27.5	30.4	33.6
130°	4.0	6.1	8.5	11.3	14.3	17.4	20.5	23.4	26.4	29.5	32.6
132.5°	3.8	5.8	8.2	10.8	13.8	16.8	19.5	22.4	25.5	28.4	31.2
135°	3.5	5.3	7.7	10.3	12.9	15.7	18.4	21.2	24.1	26.7	29.5
137.5°	3.3	5.3	7.5	9.8	12.2	14.7	17.4	20.2	22.9	25.4	28.0
140°	3.1	5.0	6.9	9.1	11.5	13.9	16.5	19.0	21.5	23.9	26.3
142.5°	3.2	4.8	6.7	8.7	10.9	13.1	15.4	17.6	19.8	22.1	24.4
145°	3.0	4.2	6.0	7.9	9.8	11.9	13.9	16.0	18.2	20.4	22.6
147.5°	2.6	3.7	5.3	7.1	8.9	10.5	12.6	14.6	16.7	18.7	20.9
150°	2.3	3.5	4.8	6.4	8.1	9.7	11.5	13.4	15.4	17.1	18.9
152.5°	2.1	3.3	4.5	5.6	7.3	8.9	10.5	12.0	13.7	15.3	17.0
155°	2.0	3.0	4.0	5.0	6.0	7.4	9.0	10.5	12.0	13.4	14.9
157.5°	1.4	2.4	3.3	4.3	5.3	6.3	7.6	9.0	10.3	11.7	12.9
160°	1.2	1.7	2.6	3.6	4.5	5.5	6.5	7.6	8.8	9.9	11.1
162.5°	1.1	1.4	2.0	2.9	3.8	4.7	5.6	6.5	7.3	8.1	9.0
165°	1.3	1.5	1.8	2.2	2.9	3.6	4.3	5.0	5.6	6.3	7.0
167.5°	1.1	1.3	1.6	1.8	2.1	2.6	3.3	3.9	4.5	5.1	5.7
170°	1.1	1.4	1.6	1.8	2.0	2.2	2.4	2.6	3.1	3.6	4.0
172.5°	0.8	1.0	1.2	1.3	1.5	1.7	1.8	2.0	2.1	2.2	2.4
175°	0.6	0.7	0.8	0.9	1.0	1.1	1.3	1.4	1.5	1.6	1.7
177.5°	0.3	0.4	0.5	0.5	0.6	0.7	0.7	0.8	0.9	0.9	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: P232030

CATALOG NUMBER: FVS4WM-3-LD4-40-1LO-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	1.1	1.1	1.2	1.2	1.3	1.3	1.3	1.4	1.4	1.5
5°	1.9	2.0	2.1	2.2	2.3	2.4	2.6	2.7	2.8	2.8	2.9
7.5°	2.5	2.6	3.0	3.3	3.6	3.9	4.3	4.6	4.8	5.1	5.4
10°	4.5	4.9	5.3	5.7	6.0	6.4	6.7	7.0	7.3	7.7	8.0
12.5°	6.3	6.8	7.4	7.9	8.4	9.0	9.5	10.0	10.5	11.0	11.4
15°	7.7	8.5	9.4	10.2	11.0	11.8	12.6	13.4	14.2	14.8	15.3
17.5°	9.9	10.8	11.8	12.7	13.6	14.5	15.3	16.3	17.3	18.2	19.1
20°	12.2	13.2	14.2	15.3	16.4	17.5	18.6	19.6	20.7	21.7	22.6
22.5°	14.2	15.5	16.8	18.1	19.4	20.6	21.7	22.9	24.1	25.3	26.3
25°	16.4	17.9	19.3	20.7	22.2	23.7	25.0	26.3	27.5	28.8	29.9
27.5°	18.6	20.4	21.9	23.4	24.9	26.6	28.2	29.7	31.2	32.6	33.6
30°	20.6	22.5	24.3	26.1	27.8	29.5	31.3	32.9	34.5	36.0	37.4
32.5°	22.8	24.7	26.6	28.6	30.5	32.4	34.3	36.1	37.8	39.4	41.0
35°	24.8	26.9	29.0	31.1	33.1	35.0	37.1	39.2	40.9	42.6	44.2
37.5°	26.7	29.1	31.5	33.8	35.8	37.8	39.8	41.8	43.7	45.6	47.5
40°	28.8	31.1	33.5	36.1	38.4	40.3	42.5	44.7	46.6	48.5	50.4
42.5°	30.7	33.3	35.7	38.2	40.7	43.0	45.0	47.3	49.6	51.6	53.5
45°	32.3	35.1	37.7	40.3	42.9	45.3	47.6	49.9	52.2	54.3	56.4
47.5°	34.0	36.8	39.5	42.4	45.0	47.5	49.8	52.3	54.7	56.9	59.0
50°	35.5	38.4	41.2	44.1	46.7	49.5	51.9	54.4	57.0	59.2	61.4
52.5°	36.7	39.9	42.9	45.8	48.4	51.1	53.9	56.4	58.9	61.3	63.8
55°	38.0	41.2	44.3	47.4	50.3	52.7	55.6	58.5	61.0	63.3	65.9
57.5°	39.3	42.4	45.5	48.6	52.0	54.6	57.4	60.3	63.2	65.4	68.0
60°	40.2	43.7	46.7	49.8	53.0	56.1	59.3	62.1	64.8	67.2	69.7
62.5°	41.0	44.6	47.8	51.0	54.4	57.2	60.5	63.4	66.2	68.8	71.5
65°	41.9	45.5	48.9	52.0	55.5	58.6	61.7	64.8	67.6	70.3	73.1
67.5°	42.7	46.2	49.7	53.1	56.6	59.8	62.9	65.9	69.2	71.9	74.6
70°	43.4	46.9	50.6	54.1	57.6	60.9	64.2	66.9	70.1	72.9	75.7
72.5°	44.0	47.6	51.4	54.7	58.3	61.7	65.0	67.9	70.9	73.8	76.7
75°	44.4	47.8	51.7	55.2	58.8	62.3	65.7	68.7	71.7	74.6	77.6
77.5°	44.6	48.3	51.9	55.5	59.1	62.6	66.3	69.5	72.5	75.3	78.3
80°	44.7	48.6	52.2	55.7	59.5	62.8	66.3	69.8	72.9	75.7	78.8
82.5°	44.5	48.4	52.3	56.1	59.9	63.1	66.4	70.2	73.3	75.9	79.1
85°	44.5	48.4	52.3	56.2	60.0	63.2	66.5	70.3	73.5	76.2	79.3
87.5°	44.6	48.4	52.3	56.2	60.0	63.2	66.5	70.3	73.5	76.2	79.3
90°	44.5	48.3	52.2	56.1	59.9	63.2	67.0	70.3	73.5	76.7	79.3
92.5°	44.6	48.4	52.3	56.2	60.0	63.3	66.7	70.3	73.5	76.4	79.3
95°	44.5	48.4	52.3	56.2	60.0	63.2	66.5	70.3	73.5	76.2	79.3
97.5°	44.5	48.4	52.3	56.1	59.9	63.1	66.4	70.2	73.3	75.9	79.1
100°	44.7	48.6	52.2	55.7	59.5	62.8	66.3	69.8	72.9	75.7	78.8
102.5°	44.6	48.3	51.9	55.5	59.1	62.6	66.3	69.5	72.5	75.3	78.3
105°	44.4	47.8	51.7	55.2	58.8	62.3	65.7	68.7	71.7	74.6	77.6
107.5°	44.0	47.6	51.4	54.7	58.3	61.7	65.0	67.9	70.9	73.8	76.7
110°	43.4	46.9	50.6	54.1	57.6	60.9	64.2	66.9	70.1	72.9	75.7



TEST NUMBER: P232030

CATALOG NUMBER: FVS4WM-3-LD4-40-1LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	42.7	46.2	49.7	53.1	56.6	59.8	62.9	65.9	69.2	71.9	74.6
115°	41.9	45.5	48.9	52.0	55.5	58.6	61.7	64.8	67.6	70.3	73.1
117.5°	41.0	44.6	47.8	51.0	54.4	57.2	60.5	63.4	66.2	68.8	71.5
120°	40.2	43.7	46.7	49.8	53.0	56.1	59.3	62.1	64.8	67.2	69.7
122.5°	39.3	42.4	45.5	48.6	52.0	54.6	57.4	60.3	63.2	65.4	68.0
125°	38.0	41.2	44.3	47.4	50.3	52.7	55.6	58.5	61.0	63.3	65.9
127.5°	36.7	39.9	42.9	45.8	48.4	51.1	53.9	56.4	58.9	61.3	63.8
130°	35.5	38.4	41.2	44.1	46.7	49.5	51.9	54.4	57.0	59.2	61.4
132.5°	34.0	36.8	39.5	42.4	45.0	47.5	49.8	52.3	54.7	56.9	59.0
135°	32.3	35.1	37.7	40.3	42.9	45.3	47.6	49.9	52.2	54.3	56.4
137.5°	30.7	33.3	35.7	38.2	40.7	43.0	45.0	47.3	49.6	51.6	53.5
140°	28.8	31.1	33.5	36.1	38.4	40.3	42.5	44.7	46.6	48.5	50.4
142.5°	26.7	29.1	31.5	33.8	35.8	37.8	39.8	41.8	43.7	45.6	47.5
145°	24.8	26.9	29.0	31.1	33.1	35.0	37.1	39.2	40.9	42.6	44.2
147.5°	22.8	24.7	26.6	28.6	30.5	32.4	34.3	36.1	37.8	39.4	41.0
150°	20.6	22.5	24.3	26.1	27.8	29.5	31.3	32.9	34.5	36.0	37.4
152.5°	18.6	20.4	21.9	23.4	24.9	26.6	28.2	29.7	31.2	32.6	33.6
155°	16.4	17.9	19.3	20.7	22.2	23.7	25.0	26.3	27.5	28.8	29.9
157.5°	14.2	15.5	16.8	18.1	19.4	20.6	21.7	22.9	24.1	25.3	26.3
160°	12.2	13.2	14.2	15.3	16.4	17.5	18.6	19.6	20.7	21.7	22.6
162.5°	9.9	10.8	11.8	12.7	13.6	14.5	15.3	16.3	17.3	18.2	19.1
165°	7.7	8.5	9.4	10.2	11.0	11.8	12.6	13.4	14.2	14.8	15.3
167.5°	6.3	6.8	7.4	7.9	8.4	9.0	9.5	10.0	10.5	11.0	11.4
170°	4.5	4.9	5.3	5.7	6.0	6.4	6.7	7.0	7.3	7.7	8.0
172.5°	2.5	2.6	3.0	3.3	3.6	3.9	4.3	4.6	4.8	5.1	5.4
175°	1.9	2.0	2.1	2.2	2.3	2.4	2.6	2.7	2.8	2.8	2.9
177.5°	1.0	1.1	1.1	1.2	1.2	1.3	1.3	1.3	1.4	1.4	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: P232030

CATALOG NUMBER: FVS4WM-3-LD4-40-1LO-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°	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.8
5°	3.0	3.0	3.1	3.1	3.1	3.2	3.2	3.2	3.2	3.2	3.5
7.5°	5.6	5.9	6.1	6.3	6.4	6.6	6.8	6.9	7.0	7.1	7.6
10°	8.4	8.7	9.0	9.3	9.6	9.9	10.2	10.5	10.8	11.0	11.6
12.5°	11.9	12.4	12.8	13.3	13.6	14.0	14.4	14.7	14.9	15.2	16.0
15°	15.9	16.4	17.0	17.4	17.9	18.3	18.6	18.9	19.1	19.3	20.3
17.5°	19.8	20.4	21.1	21.7	22.2	22.6	23.0	23.5	23.8	24.2	25.3
20°	23.4	24.3	25.1	26.0	26.5	27.0	27.4	28.0	28.5	29.0	30.3
22.5°	27.2	28.1	29.1	30.0	30.8	31.3	31.8	32.4	33.0	33.5	35.1
25°	31.0	32.0	33.1	34.1	35.0	35.7	36.2	36.8	37.4	38.0	39.9
27.5°	34.7	35.9	37.1	38.1	39.0	39.8	40.5	41.2	41.9	42.6	44.6
30°	38.6	39.8	41.1	42.3	43.1	43.9	44.8	45.6	46.4	47.1	49.3
32.5°	42.3	43.6	44.9	46.0	47.0	47.9	48.8	49.7	50.5	51.3	53.5
35°	45.7	47.1	48.4	49.6	50.8	51.9	52.9	53.8	54.6	55.4	57.6
37.5°	49.0	50.5	51.9	53.2	54.4	55.5	56.6	57.6	58.5	59.3	61.8
40°	52.1	53.9	55.4	56.7	58.0	59.2	60.3	61.4	62.3	63.2	66.0
42.5°	55.1	57.0	58.6	60.1	61.4	62.6	63.8	64.8	65.8	66.8	69.8
45°	57.9	59.7	61.6	63.3	64.7	66.0	67.2	68.3	69.3	70.3	73.4
47.5°	60.8	62.5	64.4	66.3	67.8	69.1	70.3	71.4	72.5	73.5	76.8
50°	63.4	65.3	67.3	69.2	70.9	72.2	73.4	74.6	75.7	76.7	80.1
52.5°	65.9	67.9	69.8	71.7	73.5	74.9	76.1	77.1	78.3	79.6	83.1
55°	68.1	70.1	72.1	74.0	75.9	77.6	78.7	79.7	80.9	82.5	86.2
57.5°	70.3	72.3	74.4	76.3	78.2	79.9	81.1	82.2	83.4	85.1	88.9
60°	72.2	74.2	76.8	78.7	80.6	82.2	83.5	84.7	85.9	87.7	91.6
62.5°	74.1	76.1	78.6	80.6	82.5	84.3	85.6	86.6	88.2	90.0	93.6
65°	75.7	77.8	80.2	82.4	84.3	86.2	87.7	88.6	90.4	92.2	95.6
67.5°	77.2	79.4	81.7	83.9	85.8	87.7	89.1	90.4	92.0	93.8	97.6
70°	78.5	80.8	83.1	85.4	87.3	89.1	90.5	92.3	93.6	95.4	99.6
72.5°	79.6	82.0	84.2	86.4	88.6	90.4	91.7	93.6	94.8	96.7	101.3
75°	80.3	82.9	85.2	87.3	89.7	91.6	92.9	94.9	96.1	98.0	103.1
77.5°	80.9	83.5	86.0	88.2	90.4	92.3	93.9	95.4	96.7	99.0	103.4
80°	81.4	84.0	86.6	89.0	91.0	92.9	94.8	96.0	97.3	99.9	103.8
82.5°	81.7	84.5	86.8	89.4	91.3	93.5	95.1	96.7	98.0	100.3	104.4
85°	82.0	85.1	87.0	89.6	91.5	94.1	95.4	97.3	98.6	100.6	105.1
87.5°	81.9	85.1	87.4	89.9	91.9	94.1	95.7	97.3	98.6	100.9	105.1
90°	81.9	85.1	87.7	90.2	92.2	94.1	96.0	97.3	98.6	101.2	105.1
92.5°	81.9	85.1	87.4	89.9	91.9	94.1	95.7	97.3	98.6	100.9	105.1
95°	82.0	85.1	87.0	89.6	91.5	94.1	95.4	97.3	98.6	100.6	105.1
97.5°	81.7	84.5	86.8	89.4	91.3	93.5	95.1	96.7	98.0	100.3	104.4
100°	81.4	84.0	86.6	89.0	91.0	92.9	94.8	96.0	97.3	99.9	103.8
102.5°	80.9	83.5	86.0	88.2	90.4	92.3	93.9	95.4	96.7	99.0	103.4
105°	80.3	82.9	85.2	87.3	89.7	91.6	92.9	94.9	96.1	98.0	103.1
107.5°	79.6	82.0	84.2	86.4	88.6	90.4	91.7	93.6	94.8	96.7	101.3
110°	78.5	80.8	83.1	85.4	87.3	89.1	90.5	92.3	93.6	95.4	99.6



TEST NUMBER: P232030

CATALOG NUMBER: FVS4WM-3-LD4-40-1LO-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°	77.2	79.4	81.7	83.9	85.8	87.7	89.1	90.4	92.0	93.8	97.6
115°	75.7	77.8	80.2	82.4	84.3	86.2	87.7	88.6	90.4	92.2	95.6
117.5°	74.1	76.1	78.6	80.6	82.5	84.3	85.6	86.6	88.2	90.0	93.6
120°	72.2	74.2	76.8	78.7	80.6	82.2	83.5	84.7	85.9	87.7	91.6
122.5°	70.3	72.3	74.4	76.3	78.2	79.9	81.1	82.2	83.4	85.1	88.9
125°	68.1	70.1	72.1	74.0	75.9	77.6	78.7	79.7	80.9	82.5	86.2
127.5°	65.9	67.9	69.8	71.7	73.5	74.9	76.1	77.1	78.3	79.6	83.1
130°	63.4	65.3	67.3	69.2	70.9	72.2	73.4	74.6	75.7	76.7	80.1
132.5°	60.8	62.5	64.4	66.3	67.8	69.1	70.3	71.4	72.5	73.5	76.8
135°	57.9	59.7	61.6	63.3	64.7	66.0	67.2	68.3	69.3	70.3	73.4
137.5°	55.1	57.0	58.6	60.1	61.4	62.6	63.8	64.8	65.8	66.8	69.8
140°	52.1	53.9	55.4	56.7	58.0	59.2	60.3	61.4	62.3	63.2	66.0
142.5°	49.0	50.5	51.9	53.2	54.4	55.5	56.6	57.6	58.5	59.3	61.8
145°	45.7	47.1	48.4	49.6	50.8	51.9	52.9	53.8	54.6	55.4	57.6
147.5°	42.3	43.6	44.9	46.0	47.0	47.9	48.8	49.7	50.5	51.3	53.5
150°	38.6	39.8	41.1	42.3	43.1	43.9	44.8	45.6	46.4	47.1	49.3
152.5°	34.7	35.9	37.1	38.1	39.0	39.8	40.5	41.2	41.9	42.6	44.6
155°	31.0	32.0	33.1	34.1	35.0	35.7	36.2	36.8	37.4	38.0	39.9
157.5°	27.2	28.1	29.1	30.0	30.8	31.3	31.8	32.4	33.0	33.5	35.1
160°	23.4	24.3	25.1	26.0	26.5	27.0	27.4	28.0	28.5	29.0	30.3
162.5°	19.8	20.4	21.1	21.7	22.2	22.6	23.0	23.5	23.8	24.2	25.3
165°	15.9	16.4	17.0	17.4	17.9	18.3	18.6	18.9	19.1	19.3	20.3
167.5°	11.9	12.4	12.8	13.3	13.6	14.0	14.4	14.7	14.9	15.2	16.0
170°	8.4	8.7	9.0	9.3	9.6	9.9	10.2	10.5	10.8	11.0	11.6
172.5°	5.6	5.9	6.1	6.3	6.4	6.6	6.8	6.9	7.0	7.1	7.6
175°	3.0	3.0	3.1	3.1	3.1	3.2	3.2	3.2	3.2	3.2	3.5
177.5°	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.8
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232030

CATALOG NUMBER: FVS4WM-3-LD4-40-1LO-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	2.1	2.3	2.4	2.6	2.7	2.8	3.0	3.1	3.2	3.3
5°	3.9	4.2	4.5	4.8	5.1	5.4	5.7	5.9	6.2	6.4	6.7
7.5°	8.1	8.5	8.9	9.3	9.7	10.0	10.5	11.4	12.2	13.0	13.8
10°	12.3	12.8	13.4	13.9	14.5	15.8	17.0	18.1	19.2	20.3	21.3
12.5°	16.7	17.5	18.2	19.2	20.8	22.3	23.8	25.2	26.9	28.8	30.7
15°	21.2	22.1	23.1	25.2	27.2	29.1	31.0	33.4	35.8	38.1	40.6
17.5°	26.4	27.4	29.2	31.5	33.6	36.0	39.1	42.0	44.7	47.8	51.1
20°	31.5	32.8	35.2	37.5	39.9	43.7	47.4	50.9	54.5	58.1	61.7
22.5°	36.6	38.5	41.3	44.0	47.8	52.0	56.1	60.1	64.0	67.9	72.6
25°	41.6	44.4	47.6	51.1	55.7	60.2	64.9	69.5	74.1	79.1	84.0
27.5°	46.5	49.9	53.4	57.9	62.8	68.0	73.5	78.9	84.3	89.5	95.1
30°	51.4	55.3	59.2	64.2	69.6	75.6	81.7	88.1	94.2	100.2	106.2
32.5°	55.9	60.2	64.8	70.4	76.4	83.3	90.2	97.4	104.1	110.2	116.6
35°	60.4	65.0	70.4	76.5	83.6	91.4	98.6	106.1	113.1	120.0	127.2
37.5°	65.1	70.0	76.1	82.8	90.7	98.6	106.6	114.5	122.8	130.3	138.0
40°	69.9	75.1	81.9	89.3	97.4	105.7	114.1	122.6	131.1	139.9	148.0
42.5°	73.9	79.3	86.8	94.9	103.5	112.7	121.6	130.6	139.7	148.7	157.3
45°	77.8	83.6	91.5	100.3	109.7	119.7	129.0	138.5	148.4	157.6	166.7
47.5°	81.7	88.1	96.1	105.5	115.7	126.2	135.8	146.5	156.8	166.9	175.8
50°	85.5	92.5	100.8	110.8	121.4	131.8	141.9	153.3	163.9	174.1	184.1
52.5°	88.7	96.2	105.2	115.4	126.8	137.4	148.1	159.9	170.7	181.3	191.7
55°	91.9	99.8	109.4	119.8	132.0	142.8	154.3	166.2	177.6	188.6	199.3
57.5°	94.8	103.2	113.3	124.3	136.7	148.0	160.0	172.3	184.3	195.7	207.2
60°	97.7	106.6	117.0	128.6	141.1	153.3	165.2	177.9	190.0	201.9	213.4
62.5°	100.2	109.6	120.3	132.2	145.0	157.7	170.0	183.2	195.2	207.5	219.4
65°	102.7	112.6	123.4	135.7	148.6	161.4	174.5	187.8	199.8	212.6	224.7
67.5°	104.7	114.8	126.1	138.6	151.6	164.9	178.5	191.9	204.3	217.3	229.3
70°	106.6	117.0	128.8	141.3	154.3	168.1	182.1	195.6	208.7	221.5	233.3
72.5°	108.2	118.8	130.4	143.7	157.1	171.1	185.0	199.0	212.5	225.2	237.1
75°	109.7	120.5	131.7	146.0	159.8	173.9	187.3	201.9	215.3	227.9	240.4
77.5°	110.8	121.6	133.2	147.6	161.3	176.0	189.6	204.3	217.3	230.4	243.4
80°	112.2	122.6	134.6	149.0	162.4	177.9	191.9	206.0	218.9	232.4	245.4
82.5°	112.8	123.4	136.3	149.9	163.9	179.1	192.8	207.5	220.6	234.3	247.1
85°	113.4	123.8	137.3	150.8	165.6	180.5	193.4	209.4	222.3	235.8	248.7
87.5°	113.1	124.1	136.7	150.8	165.4	180.8	193.7	208.9	222.7	236.6	249.0
90°	112.8	124.4	136.0	150.8	165.0	181.1	194.0	208.2	222.4	236.6	248.2
92.5°	113.1	124.1	136.7	150.8	165.4	180.8	193.7	208.9	222.7	236.6	249.0
95°	113.4	123.8	137.3	150.8	165.6	180.5	193.4	209.4	222.3	235.8	248.7
97.5°	112.8	123.4	136.3	149.9	163.9	179.1	192.8	207.5	220.6	234.3	247.1
100°	112.2	122.6	134.6	149.0	162.4	177.9	191.9	206.0	218.9	232.4	245.4
102.5°	110.8	121.6	133.2	147.6	161.3	176.0	189.6	204.3	217.3	230.4	243.4
105°	109.7	120.5	131.7	146.0	159.8	173.9	187.3	201.9	215.3	227.9	240.4
107.5°	108.2	118.8	130.4	143.7	157.1	171.1	185.0	199.0	212.5	225.2	237.1
110°	106.6	117.0	128.8	141.3	154.3	168.1	182.1	195.6	208.7	221.5	233.3



TEST NUMBER: P232030

CATALOG NUMBER: FVS4WM-3-LD4-40-1LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	104.7	114.8	126.1	138.6	151.6	164.9	178.5	191.9	204.3	217.3	229.3
115°	102.7	112.6	123.4	135.7	148.6	161.4	174.5	187.8	199.8	212.6	224.7
117.5°	100.2	109.6	120.3	132.2	145.0	157.7	170.0	183.2	195.2	207.5	219.4
120°	97.7	106.6	117.0	128.6	141.1	153.3	165.2	177.9	190.0	201.9	213.4
122.5°	94.8	103.2	113.3	124.3	136.7	148.0	160.0	172.3	184.3	195.7	207.2
125°	91.9	99.8	109.4	119.8	132.0	142.8	154.3	166.2	177.6	188.6	199.3
127.5°	88.7	96.2	105.2	115.4	126.8	137.4	148.1	159.9	170.7	181.3	191.7
130°	85.5	92.5	100.8	110.8	121.4	131.8	141.9	153.3	163.9	174.1	184.1
132.5°	81.7	88.1	96.1	105.5	115.7	126.2	135.8	146.5	156.8	166.9	175.8
135°	77.8	83.6	91.5	100.3	109.7	119.7	129.0	138.5	148.4	157.6	166.7
137.5°	73.9	79.3	86.8	94.9	103.5	112.7	121.6	130.6	139.7	148.7	157.3
140°	69.9	75.1	81.9	89.3	97.4	105.7	114.1	122.6	131.1	139.9	148.0
142.5°	65.1	70.0	76.1	82.8	90.7	98.6	106.6	114.5	122.8	130.3	138.0
145°	60.4	65.0	70.4	76.5	83.6	91.4	98.6	106.1	113.1	120.0	127.2
147.5°	55.9	60.2	64.8	70.4	76.4	83.3	90.2	97.4	104.1	110.2	116.6
150°	51.4	55.3	59.2	64.2	69.6	75.6	81.7	88.1	94.2	100.2	106.2
152.5°	46.5	49.9	53.4	57.9	62.8	68.0	73.5	78.9	84.3	89.5	95.1
155°	41.6	44.4	47.6	51.1	55.7	60.2	64.9	69.5	74.1	79.1	84.0
157.5°	36.6	38.5	41.3	44.0	47.8	52.0	56.1	60.1	64.0	67.9	72.6
160°	31.5	32.8	35.2	37.5	39.9	43.7	47.4	50.9	54.5	58.1	61.7
162.5°	26.4	27.4	29.2	31.5	33.6	36.0	39.1	42.0	44.7	47.8	51.1
165°	21.2	22.1	23.1	25.2	27.2	29.1	31.0	33.4	35.8	38.1	40.6
167.5°	16.7	17.5	18.2	19.2	20.8	22.3	23.8	25.2	26.9	28.8	30.7
170°	12.3	12.8	13.4	13.9	14.5	15.8	17.0	18.1	19.2	20.3	21.3
172.5°	8.1	8.5	8.9	9.3	9.7	10.0	10.5	11.4	12.2	13.0	13.8
175°	3.9	4.2	4.5	4.8	5.1	5.4	5.7	5.9	6.2	6.4	6.7
177.5°	1.9	2.1	2.3	2.4	2.6	2.7	2.8	3.0	3.1	3.2	3.3
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: P232030

CATALOG NUMBER: FVS4WM-3-LD4-40-1LO-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°	3.4	3.5	3.6	3.7	3.8	3.9	4.0	4.0	4.1	4.1	4.1
5°	7.2	7.8	8.3	8.8	9.3	9.7	10.1	10.5	10.8	11.1	11.4
7.5°	14.5	15.2	15.9	16.5	17.1	17.9	18.5	19.4	20.1	20.8	21.4
10°	22.7	24.1	25.4	26.7	27.8	28.9	29.8	30.8	31.9	32.9	33.8
12.5°	32.5	34.2	35.8	37.6	39.4	41.0	42.5	44.0	45.4	46.7	48.0
15°	42.9	45.3	47.6	49.7	51.7	53.9	55.9	57.9	59.8	61.5	63.0
17.5°	54.3	57.7	60.0	62.7	65.2	67.7	70.1	72.3	74.3	76.0	77.6
20°	65.4	68.9	72.1	75.2	78.4	81.5	84.3	86.9	89.3	91.6	93.6
22.5°	77.0	81.1	84.9	88.6	92.3	95.7	99.0	102.0	104.8	107.5	109.9
25°	88.8	93.2	97.9	101.6	105.8	109.8	113.4	117.0	120.3	123.3	125.7
27.5°	100.5	105.6	110.4	115.1	119.4	123.4	128.0	131.5	135.1	138.3	140.9
30°	112.1	117.8	123.2	128.1	132.8	137.4	142.0	146.4	149.8	153.0	156.2
32.5°	123.0	129.3	135.3	140.9	146.1	151.2	155.9	160.1	164.0	167.7	171.1
35°	134.1	140.9	147.5	153.7	159.4	164.6	169.5	174.2	178.7	182.5	185.7
37.5°	145.2	152.5	159.7	166.3	172.2	177.7	183.1	188.0	192.2	196.6	199.6
40°	155.8	163.9	171.2	177.7	184.1	190.2	195.7	200.5	205.2	209.6	213.4
42.5°	166.0	174.3	181.6	188.6	195.3	201.6	207.4	213.2	219.1	222.8	227.0
45°	175.7	183.8	191.8	199.6	206.4	213.0	219.5	225.4	230.4	235.0	238.8
47.5°	184.8	193.2	202.1	210.2	217.0	224.0	230.6	236.1	241.7	246.7	251.0
50°	193.4	202.4	211.4	219.3	227.0	234.4	241.0	247.1	253.7	258.2	262.7
52.5°	201.7	211.3	220.1	228.5	237.2	244.2	251.0	257.8	263.2	268.6	273.6
55°	209.9	219.9	229.1	237.3	245.6	253.5	260.3	266.8	272.9	278.7	283.6
57.5°	217.4	227.2	236.5	245.5	253.8	261.6	268.9	275.9	282.2	287.8	292.8
60°	224.1	234.0	243.7	252.9	261.4	269.4	277.2	284.2	290.6	296.4	301.4
62.5°	230.2	240.3	250.4	259.8	268.6	277.0	284.8	292.0	298.2	304.0	309.7
65°	235.6	246.1	256.3	265.8	275.2	284.0	291.8	298.9	305.2	311.1	317.2
67.5°	240.4	251.2	261.5	271.7	281.2	289.9	297.8	304.9	311.7	318.1	323.9
70°	244.8	255.8	266.6	277.2	286.3	295.0	303.0	310.3	317.3	324.1	330.5
72.5°	248.9	260.4	271.4	282.0	290.8	300.2	308.1	315.6	322.7	329.3	335.6
75°	252.5	264.1	275.3	285.8	295.0	304.0	312.2	320.4	327.3	333.9	340.3
77.5°	255.6	267.0	277.7	288.4	298.1	307.0	315.6	323.9	331.3	338.2	344.1
80°	257.2	268.8	280.2	290.8	300.4	309.5	317.9	326.3	334.1	341.0	347.0
82.5°	258.6	270.5	282.5	292.4	302.3	311.9	319.8	328.0	335.8	343.1	349.5
85°	260.2	271.8	283.9	293.7	303.4	312.7	321.2	329.4	336.9	344.4	350.9
87.5°	260.8	272.7	284.7	294.6	304.0	313.5	322.3	330.7	337.8	345.0	351.3
90°	260.4	272.7	284.3	294.6	303.6	313.9	322.3	330.7	337.8	345.5	351.3
92.5°	260.8	272.7	284.7	294.6	304.0	313.5	322.3	330.7	337.8	345.0	351.3
95°	260.2	271.8	283.9	293.7	303.4	312.7	321.2	329.4	336.9	344.4	350.9
97.5°	258.6	270.5	282.5	292.4	302.3	311.9	319.8	328.0	335.8	343.1	349.5
100°	257.2	268.8	280.2	290.8	300.4	309.5	317.9	326.3	334.1	341.0	347.0
102.5°	255.6	267.0	277.7	288.4	298.1	307.0	315.6	323.9	331.3	338.2	344.1
105°	252.5	264.1	275.3	285.8	295.0	304.0	312.2	320.4	327.3	333.9	340.3
107.5°	248.9	260.4	271.4	282.0	290.8	300.2	308.1	315.6	322.7	329.3	335.6
110°	244.8	255.8	266.6	277.2	286.3	295.0	303.0	310.3	317.3	324.1	330.5



TEST NUMBER: P232030

CATALOG NUMBER: FVS4WM-3-LD4-40-1LO-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°	240.4	251.2	261.5	271.7	281.2	289.9	297.8	304.9	311.7	318.1	323.9
115°	235.6	246.1	256.3	265.8	275.2	284.0	291.8	298.9	305.2	311.1	317.2
117.5°	230.2	240.3	250.4	259.8	268.6	277.0	284.8	292.0	298.2	304.0	309.7
120°	224.1	234.0	243.7	252.9	261.4	269.4	277.2	284.2	290.6	296.4	301.4
122.5°	217.4	227.2	236.5	245.5	253.8	261.6	268.9	275.9	282.2	287.8	292.8
125°	209.9	219.9	229.1	237.3	245.6	253.5	260.3	266.8	272.9	278.7	283.6
127.5°	201.7	211.3	220.1	228.5	237.2	244.2	251.0	257.8	263.2	268.6	273.6
130°	193.4	202.4	211.4	219.3	227.0	234.4	241.0	247.1	253.7	258.2	262.7
132.5°	184.8	193.2	202.1	210.2	217.0	224.0	230.6	236.1	241.7	246.7	251.0
135°	175.7	183.8	191.8	199.6	206.4	213.0	219.5	225.4	230.4	235.0	238.8
137.5°	166.0	174.3	181.6	188.6	195.3	201.6	207.4	213.2	219.1	222.8	227.0
140°	155.8	163.9	171.2	177.7	184.1	190.2	195.7	200.5	205.2	209.6	213.4
142.5°	145.2	152.5	159.7	166.3	172.2	177.7	183.1	188.0	192.2	196.6	199.6
145°	134.1	140.9	147.5	153.7	159.4	164.6	169.5	174.2	178.7	182.5	185.7
147.5°	123.0	129.3	135.3	140.9	146.1	151.2	155.9	160.1	164.0	167.7	171.1
150°	112.1	117.8	123.2	128.1	132.8	137.4	142.0	146.4	149.8	153.0	156.2
152.5°	100.5	105.6	110.4	115.1	119.4	123.4	128.0	131.5	135.1	138.3	140.9
155°	88.8	93.2	97.9	101.6	105.8	109.8	113.4	117.0	120.3	123.3	125.7
157.5°	77.0	81.1	84.9	88.6	92.3	95.7	99.0	102.0	104.8	107.5	109.9
160°	65.4	68.9	72.1	75.2	78.4	81.5	84.3	86.9	89.3	91.6	93.6
162.5°	54.3	57.7	60.0	62.7	65.2	67.7	70.1	72.3	74.3	76.0	77.6
165°	42.9	45.3	47.6	49.7	51.7	53.9	55.9	57.9	59.8	61.5	63.0
167.5°	32.5	34.2	35.8	37.6	39.4	41.0	42.5	44.0	45.4	46.7	48.0
170°	22.7	24.1	25.4	26.7	27.8	28.9	29.8	30.8	31.9	32.9	33.8
172.5°	14.5	15.2	15.9	16.5	17.1	17.9	18.5	19.4	20.1	20.8	21.4
175°	7.2	7.8	8.3	8.8	9.3	9.7	10.1	10.5	10.8	11.1	11.4
177.5°	3.4	3.5	3.6	3.7	3.8	3.9	4.0	4.0	4.1	4.1	4.1
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: P232030

CATALOG NUMBER: FVS4WM-3-LD4-40-1LO-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°	4.2	4.2	4.2	4.2	4.2	4.2	4.3	4.2	4.2	4.1	4.0
5°	11.6	11.8	12.0	12.1	12.2	12.2	12.2	12.2	12.4	12.2	12.0
7.5°	22.0	22.5	22.9	23.3	23.6	23.9	24.1	24.2	24.3	24.6	24.3
10°	34.5	35.5	36.3	37.1	37.7	38.2	38.6	38.9	39.1	39.7	39.4
12.5°	49.1	50.1	50.8	51.5	52.3	53.0	53.5	53.9	54.1	54.1	54.4
15°	64.3	65.5	66.5	67.5	68.2	69.0	69.7	70.2	70.5	70.5	70.8
17.5°	79.3	81.0	82.4	83.5	84.4	85.0	85.7	86.5	87.3	87.9	88.7
20°	95.4	97.1	98.6	99.9	100.9	101.7	102.2	102.8	103.4	103.8	104.3
22.5°	111.9	113.7	115.2	116.6	117.7	118.6	119.2	119.5	120.1	120.5	121.2
25°	127.9	129.8	131.5	132.9	134.2	135.3	136.1	136.6	137.0	137.7	138.1
27.5°	143.3	145.5	147.5	149.0	150.1	151.4	152.4	153.0	153.3	153.7	153.8
30°	158.5	160.6	162.6	164.4	165.9	167.0	168.1	168.8	169.1	169.5	170.1
32.5°	173.8	176.1	178.2	180.3	181.8	182.7	183.4	184.1	184.4	184.4	185.0
35°	188.5	191.2	193.5	195.5	197.0	197.9	198.6	199.1	199.2	198.8	199.2
37.5°	202.6	205.3	207.7	209.6	211.2	212.5	213.3	213.6	213.6	213.2	213.4
40°	216.6	219.2	221.3	223.6	225.5	226.7	227.1	227.2	227.5	227.5	227.7
42.5°	230.1	232.5	234.9	237.0	238.6	239.6	240.2	240.6	240.7	240.5	240.0
45°	242.1	245.2	247.9	250.0	251.5	253.0	253.1	253.5	253.4	253.1	252.2
47.5°	254.9	257.8	260.1	262.4	264.1	265.2	265.7	265.8	265.4	264.9	264.1
50°	266.7	269.8	272.4	274.8	276.0	276.9	277.4	277.4	277.2	277.0	277.0
52.5°	277.6	281.0	283.5	285.7	287.4	288.6	289.2	288.9	288.7	288.4	288.3
55°	288.0	291.2	293.9	296.6	298.4	299.6	300.0	299.9	299.5	298.4	298.4
57.5°	297.1	301.2	304.7	307.0	309.1	310.2	310.5	310.4	309.9	309.2	308.8
60°	306.2	310.7	313.8	316.6	318.9	320.0	320.4	320.3	319.5	318.7	318.0
62.5°	314.9	318.4	322.1	325.3	327.7	328.9	329.7	329.5	328.3	327.3	326.6
65°	321.9	326.3	330.5	333.4	335.9	337.4	338.0	338.2	336.8	336.0	335.2
67.5°	329.0	333.7	337.6	340.6	343.2	344.8	345.6	345.9	344.9	343.8	342.9
70°	335.5	339.9	343.9	346.8	349.2	351.2	352.5	352.9	352.0	350.4	349.3
72.5°	340.9	345.3	349.3	352.4	355.1	357.1	358.0	358.8	357.8	356.4	355.3
75°	345.6	350.1	353.9	357.2	360.1	361.6	362.8	363.5	363.7	362.2	360.9
77.5°	349.5	354.3	358.1	361.2	363.9	365.5	366.6	367.8	367.9	367.4	365.8
80°	352.5	357.4	361.4	364.3	367.1	369.2	369.7	370.4	371.0	370.8	369.8
82.5°	355.2	359.8	363.6	366.8	369.2	370.9	372.1	373.0	372.9	372.9	373.2
85°	356.3	360.9	364.8	368.5	370.8	372.5	373.5	374.2	374.3	374.1	374.0
87.5°	357.1	361.4	365.3	368.7	370.8	372.3	373.7	374.4	374.4	374.0	374.0
90°	357.1	361.0	364.8	368.7	370.6	371.9	373.2	373.2	373.2	372.6	371.3
92.5°	357.1	361.4	365.3	368.7	370.8	372.3	373.7	374.4	374.4	374.0	374.0
95°	356.3	360.9	364.8	368.5	370.8	372.5	373.5	374.2	374.3	374.1	374.0
97.5°	355.2	359.8	363.6	366.8	369.2	370.9	372.1	373.0	372.9	372.9	373.2
100°	352.5	357.4	361.4	364.3	367.1	369.2	369.7	370.4	371.0	370.8	369.8
102.5°	349.5	354.3	358.1	361.2	363.9	365.5	366.6	367.8	367.9	367.4	365.8
105°	345.6	350.1	353.9	357.2	360.1	361.6	362.8	363.5	363.7	362.2	360.9
107.5°	340.9	345.3	349.3	352.4	355.1	357.1	358.0	358.8	357.8	356.4	355.3
110°	335.5	339.9	343.9	346.8	349.2	351.2	352.5	352.9	352.0	350.4	349.3



TEST NUMBER: P232030

CATALOG NUMBER: FVS4WM-3-LD4-40-1LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	329.0	333.7	337.6	340.6	343.2	344.8	345.6	345.9	344.9	343.8	342.9
115°	321.9	326.3	330.5	333.4	335.9	337.4	338.0	338.2	336.8	336.0	335.2
117.5°	314.9	318.4	322.1	325.3	327.7	328.9	329.7	329.5	328.3	327.3	326.6
120°	306.2	310.7	313.8	316.6	318.9	320.0	320.4	320.3	319.5	318.7	318.0
122.5°	297.1	301.2	304.7	307.0	309.1	310.2	310.5	310.4	309.9	309.2	308.8
125°	288.0	291.2	293.9	296.6	298.4	299.6	300.0	299.9	299.5	298.4	298.4
127.5°	277.6	281.0	283.5	285.7	287.4	288.6	289.2	288.9	288.7	288.4	288.3
130°	266.7	269.8	272.4	274.8	276.0	276.9	277.4	277.4	277.2	277.0	277.0
132.5°	254.9	257.8	260.1	262.4	264.1	265.2	265.7	265.8	265.4	264.9	264.1
135°	242.1	245.2	247.9	250.0	251.5	253.0	253.1	253.5	253.4	253.1	252.2
137.5°	230.1	232.5	234.9	237.0	238.6	239.6	240.2	240.6	240.7	240.5	240.0
140°	216.6	219.2	221.3	223.6	225.5	226.7	227.1	227.2	227.5	227.5	227.7
142.5°	202.6	205.3	207.7	209.6	211.2	212.5	213.3	213.6	213.6	213.2	213.4
145°	188.5	191.2	193.5	195.5	197.0	197.9	198.6	199.1	199.2	198.8	199.2
147.5°	173.8	176.1	178.2	180.3	181.8	182.7	183.4	184.1	184.4	184.4	185.0
150°	158.5	160.6	162.6	164.4	165.9	167.0	168.1	168.8	169.1	169.5	170.1
152.5°	143.3	145.5	147.5	149.0	150.1	151.4	152.4	153.0	153.3	153.7	153.8
155°	127.9	129.8	131.5	132.9	134.2	135.3	136.1	136.6	137.0	137.7	138.1
157.5°	111.9	113.7	115.2	116.6	117.7	118.6	119.2	119.5	120.1	120.5	121.2
160°	95.4	97.1	98.6	99.9	100.9	101.7	102.2	102.8	103.4	103.8	104.3
162.5°	79.3	81.0	82.4	83.5	84.4	85.0	85.7	86.5	87.3	87.9	88.7
165°	64.3	65.5	66.5	67.5	68.2	69.0	69.7	70.2	70.5	70.5	70.8
167.5°	49.1	50.1	50.8	51.5	52.3	53.0	53.5	53.9	54.1	54.1	54.4
170°	34.5	35.5	36.3	37.1	37.7	38.2	38.6	38.9	39.1	39.7	39.4
172.5°	22.0	22.5	22.9	23.3	23.6	23.9	24.1	24.2	24.3	24.6	24.3
175°	11.6	11.8	12.0	12.1	12.2	12.2	12.2	12.2	12.4	12.2	12.0
177.5°	4.2	4.2	4.2	4.2	4.2	4.2	4.3	4.2	4.2	4.1	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: P232030

CATALOG NUMBER: FVS4WM-3-LD4-40-1LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	0.0	0.0
2.5°	4.0	3.9
5°	11.8	11.6
7.5°	24.1	23.8
10°	39.0	38.7
12.5°	53.9	53.5
15°	70.2	69.6
17.5°	88.5	88.3
20°	103.7	103.1
22.5°	120.6	119.9
25°	138.4	137.9
27.5°	153.6	152.8
30°	170.6	170.2
32.5°	185.4	185.0
35°	199.7	199.2
37.5°	213.9	213.4
40°	228.8	228.8
42.5°	240.4	239.8
45°	254.0	254.6
47.5°	264.6	264.3
50°	277.6	277.2
52.5°	288.8	288.8
55°	299.1	299.1
57.5°	308.8	308.8
60°	318.5	319.1
62.5°	327.0	327.4
65°	335.5	336.5
67.5°	342.7	343.6
70°	349.0	350.0
72.5°	355.4	356.5
75°	360.0	361.6
77.5°	364.5	366.8
80°	368.2	370.0
82.5°	371.3	373.2
85°	374.1	375.1
87.5°	374.9	376.4
90°	371.3	374.5
92.5°	374.9	376.4
95°	374.1	375.1
97.5°	371.3	373.2
100°	368.2	370.0
102.5°	364.5	366.8
105°	360.0	361.6
107.5°	355.4	356.5
110°	349.0	350.0



TEST NUMBER: P232030

CATALOG NUMBER: FVS4WM-3-LD4-40-1LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	342.7	343.6
115°	335.5	336.5
117.5°	327.0	327.4
120°	318.5	319.1
122.5°	308.8	308.8
125°	299.1	299.1
127.5°	288.8	288.8
130°	277.6	277.2
132.5°	264.6	264.3
135°	254.0	254.6
137.5°	240.4	239.8
140°	228.8	228.8
142.5°	213.9	213.4
145°	199.7	199.2
147.5°	185.4	185.0
150°	170.6	170.2
152.5°	153.6	152.8
155°	138.4	137.9
157.5°	120.6	119.9
160°	103.7	103.1
162.5°	88.5	88.3
165°	70.2	69.6
167.5°	53.9	53.5
170°	39.0	38.7
172.5°	24.1	23.8
175°	11.8	11.6
177.5°	4.0	3.9
180°	0.0	0.0

(END OF REPORT)