

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: P232064

Luminaire Tested: **FVS4WM-3-LD4-30-2LO-PFS125-UNV-EDC1**

Issue Date: 3/3/2020



**Test Information**

Test Method: LM-79-08  
Report Number: P232064  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1706-121-29)  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: FAIL-SAFE  
Catalog Number: FVS4WM-3-LD4-30-2LO-PFS125-UNV-EDC1  
Description: FAILSAFE FVS LED FIXTURE  
3FT LENGTH, 2-MODULE LED WITH PFS125 LENS  
Light Source: (168) 3000K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

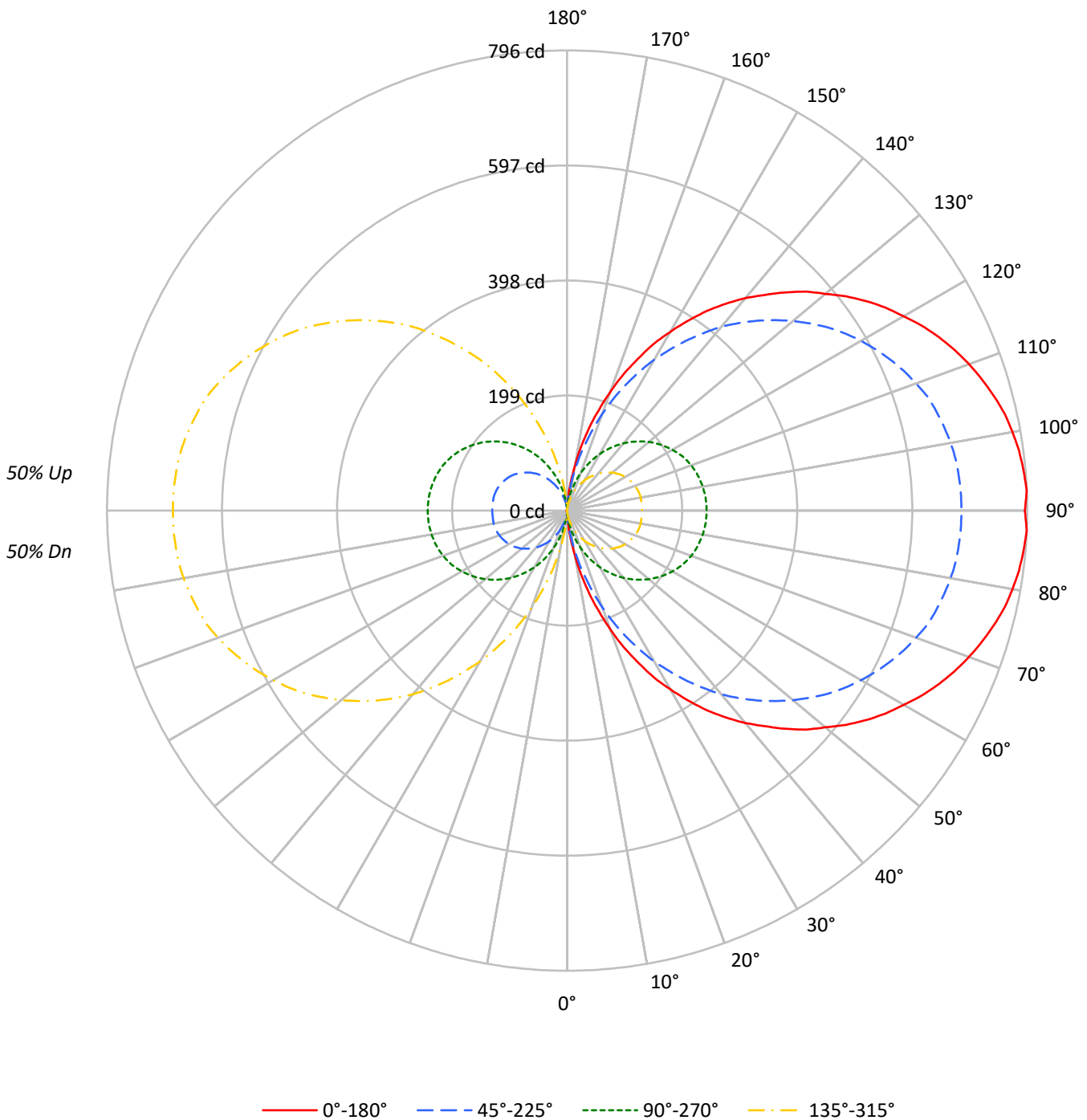
Lumens per Lamp: N/A  
Luminaire Lumens: 3565.8 lumens  
Efficiency: N/A  
Efficacy: 62.8 lumens/watt  
Spacing Criteria (0/90/45): 19.8 / 16.72 / 17.95  
Luminous Opening: Rectangular w/ Sides (W: 2.92' x L: 0.19' x H: 0.31')  
CIE Type: General Diffuse

Input Watts (W): 56.8  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT

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CATALOG NUMBER: FVS4WM-3-LD4-30-2LO-PFS125-UNV-EDC1

### 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	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	73	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	44	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	31	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°	16	16	16	16
5°	481	172	14	172
10°	1268	516	12	516
15°	2099	931	11	931
20°	2856	1397	10	1397
25°	3534	1895	10	1895
30°	4134	2421	9	2421
35°	4673	2973	9	2973
40°	5138	3588	9	3588
45°	5571	4246	8	4246
50°	5979	5018	8	5018
55°	6413	5905	8	5905
60°	6809	6983	8	6983
65°	7227	8358	8	8358
70°	7633	10164	8	10164
75°	8054	12723	8	12723
80°	8484	16794	0	16794
85°	8927	24424	0	24424



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CATALOG NUMBER: FVS4WM-3-LD4-30-2LO-PFS125-UNV-EDC1

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	2.0	0.1
10°-20°	19.9	0.6
20°-30°	62.3	1.7
30°-40°	123.8	3.5
40°-50°	195.7	5.5
50°-60°	268.2	7.5
60°-70°	331.8	9.3
70°-80°	378.2	10.6
80°-90°	400.9	11.2
90°-100°	400.9	11.2
100°-110°	378.2	10.6
110°-120°	331.8	9.3
120°-130°	268.2	7.5
130°-140°	195.7	5.5
140°-150°	123.8	3.5
150°-160°	62.3	1.7
160°-170°	19.9	0.6
170°-180°	2.0	0.1
0°-30°	84.2	2.4
0°-40°	208.0	5.8
0°-60°	672.0	18.8
0°-90°	1782.9	50.0
90°-120°	1111.0	31.2
90°-150°	1698.7	47.6
90°-180°	1783.0	50.0
0°-180°	3565.8	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	1	1	1	1	1	
5°	28	9	1	9	28	4
15°	149	47	1	47	149	44
25°	289	92	1	92	289	136
35°	421	133	1	133	421	265
45°	534	169	1	169	534	414
55°	632	198	1	198	632	566
65°	710	221	1	221	710	704
75°	765	234	1	234	765	808
85°	793	241	0	241	793	646
90°	792	241	0	241	792	435
95°	793	241	0	241	793	646
105°	765	234	1	234	765	808
115°	710	221	1	221	710	704
125°	632	198	1	198	632	566
135°	534	169	1	169	534	414
145°	421	133	1	133	421	265
155°	289	92	1	92	289	136
165°	149	47	1	47	149	44
175°	28	9	1	9	28	4
180°	0	0	0	0	0	



TEST NUMBER: P232064

CATALOG NUMBER: FVS4WM-3-LD4-30-2LO-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (FULL):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
2.5°	9.6	9.8	9.9	10.1	10.3	10.5	10.6	10.4	10.4	10.4	10.4
5°	27.9	28.2	28.5	28.8	29.2	28.6	28.5	28.4	28.2	27.9	27.6
7.5°	51.0	51.6	52.2	52.9	52.4	52.4	52.2	51.9	51.5	50.9	50.1
10°	82.1	82.8	83.5	84.2	83.0	82.6	82.1	81.3	80.2	79.0	77.6
12.5°	114.7	115.8	116.8	116.4	116.4	115.9	115.2	114.1	112.6	110.8	109.2
15°	149.0	150.1	151.1	150.4	150.1	149.4	148.4	147.0	145.6	144.5	142.9
17.5°	182.4	184.0	185.7	185.2	185.1	184.5	183.3	182.2	181.1	179.6	177.6
20°	219.1	221.0	222.8	222.1	221.9	221.2	220.0	218.8	217.1	215.0	212.7
22.5°	255.7	257.0	258.3	256.9	256.2	255.2	255.1	254.1	252.3	249.5	245.7
25°	289.2	291.0	291.5	291.5	290.9	290.7	290.4	289.6	288.2	286.3	283.5
27.5°	325.8	327.3	327.1	326.6	325.7	325.7	325.1	323.8	321.6	320.0	317.2
30°	356.9	358.9	359.4	359.4	359.4	359.6	358.9	357.3	355.8	353.7	350.7
32.5°	389.5	391.8	392.3	392.3	392.4	392.0	391.0	390.2	389.1	386.9	383.4
35°	421.4	422.8	422.4	422.0	423.1	423.1	422.2	421.6	420.1	417.9	415.0
37.5°	450.9	452.4	452.0	452.3	453.6	453.9	453.9	453.4	451.9	449.5	446.1
40°	479.6	481.6	481.4	482.2	483.0	483.4	484.1	483.6	482.2	480.1	477.0
42.5°	505.8	508.0	508.1	509.9	511.1	512.1	513.0	512.9	511.2	508.8	505.8
45°	533.7	535.7	535.3	536.9	537.7	539.2	540.1	541.3	538.9	536.2	532.8
47.5°	560.8	561.7	560.8	562.6	563.8	565.3	565.7	565.9	565.2	563.0	559.2
50°	583.1	585.5	585.9	587.2	589.4	591.6	592.9	592.6	591.3	589.2	585.3
52.5°	608.6	610.2	610.4	611.6	613.9	616.1	617.3	617.0	616.1	614.0	610.6
55°	631.7	632.8	633.0	634.3	636.9	639.0	640.3	639.7	637.9	635.5	632.1
57.5°	653.2	653.8	653.9	655.8	658.6	661.5	662.7	662.2	661.0	656.9	652.1
60°	672.3	673.7	673.9	676.7	680.0	682.9	683.7	683.3	681.6	677.8	672.6
62.5°	692.2	691.4	692.8	696.0	699.6	702.4	703.0	701.9	700.8	697.1	691.6
65°	709.8	709.9	710.6	713.4	717.7	720.0	720.7	720.4	718.3	713.7	708.6
67.5°	725.7	725.2	726.2	730.0	734.1	736.3	737.0	736.3	733.6	729.0	723.7
70°	740.0	738.7	740.3	745.3	749.5	751.1	751.8	750.9	747.5	743.0	737.2
72.5°	752.8	751.9	753.5	758.5	762.4	764.0	764.2	762.6	759.4	755.0	750.1
75°	764.7	762.4	765.1	770.2	773.3	774.8	773.9	772.5	770.0	765.5	759.9
77.5°	775.1	771.4	775.1	780.5	782.5	783.2	782.3	780.8	778.0	773.8	767.9
80°	782.3	779.6	783.7	787.8	788.8	789.4	789.0	787.6	785.2	781.2	774.9
82.5°	788.6	786.2	790.6	791.6	793.2	794.0	793.8	792.4	790.0	785.9	779.9
85°	792.6	792.4	792.8	794.4	795.8	796.8	796.5	795.1	792.5	788.3	782.9
87.5°	795.8	793.4	792.6	794.3	795.9	796.8	796.4	795.4	792.7	788.6	783.7
90°	791.8	784.7	787.0	790.2	793.4	795.0	795.0	794.2	791.8	788.6	783.1
92.5°	795.8	793.4	792.6	794.3	795.9	796.8	796.4	795.4	792.7	788.6	783.7
95°	792.6	792.4	792.8	794.4	795.8	796.8	796.5	795.1	792.5	788.3	782.9
97.5°	788.6	786.2	790.6	791.6	793.2	794.0	793.8	792.4	790.0	785.9	779.9
100°	782.3	779.6	783.7	787.8	788.8	789.4	789.0	787.6	785.2	781.2	774.9
102.5°	775.1	771.4	775.1	780.5	782.5	783.2	782.3	780.8	778.0	773.8	767.9
105°	764.7	762.4	765.1	770.2	773.3	774.8	773.9	772.5	770.0	765.5	759.9
107.5°	752.8	751.9	753.5	758.5	762.4	764.0	764.2	762.6	759.4	755.0	750.1
110°	740.0	738.7	740.3	745.3	749.5	751.1	751.8	750.9	747.5	743.0	737.2



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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°	725.7	725.2	726.2	730.0	734.1	736.3	737.0	736.3	733.6	729.0	723.7
115°	709.8	709.9	710.6	713.4	717.7	720.0	720.7	720.4	718.3	713.7	708.6
117.5°	692.2	691.4	692.8	696.0	699.6	702.4	703.0	701.9	700.8	697.1	691.6
120°	672.3	673.7	673.9	676.7	680.0	682.9	683.7	683.3	681.6	677.8	672.6
122.5°	653.2	653.8	653.9	655.8	658.6	661.5	662.7	662.2	661.0	656.9	652.1
125°	631.7	632.8	633.0	634.3	636.9	639.0	640.3	639.7	637.9	635.5	632.1
127.5°	608.6	610.2	610.4	611.6	613.9	616.1	617.3	617.0	616.1	614.0	610.6
130°	583.1	585.5	585.9	587.2	589.4	591.6	592.9	592.6	591.3	589.2	585.3
132.5°	560.8	561.7	560.8	562.6	563.8	565.3	565.7	565.9	565.2	563.0	559.2
135°	533.7	535.7	535.3	536.9	537.7	539.2	540.1	541.3	538.9	536.2	532.8
137.5°	505.8	508.0	508.1	509.9	511.1	512.1	513.0	512.9	511.2	508.8	505.8
140°	479.6	481.6	481.4	482.2	483.0	483.4	484.1	483.6	482.2	480.1	477.0
142.5°	450.9	452.4	452.0	452.3	453.6	453.9	453.9	453.4	451.9	449.5	446.1
145°	421.4	422.8	422.4	422.0	423.1	423.1	422.2	421.6	420.1	417.9	415.0
147.5°	389.5	391.8	392.3	392.3	392.4	392.0	391.0	390.2	389.1	386.9	383.4
150°	356.9	358.9	359.4	359.4	359.4	359.6	358.9	357.3	355.8	353.7	350.7
152.5°	325.8	327.3	327.1	326.6	325.7	325.7	325.1	323.8	321.6	320.0	317.2
155°	289.2	291.0	291.5	291.5	290.9	290.7	290.4	289.6	288.2	286.3	283.5
157.5°	255.7	257.0	258.3	256.9	256.2	255.2	255.1	254.1	252.3	249.5	245.7
160°	219.1	221.0	222.8	222.1	221.9	221.2	220.0	218.8	217.1	215.0	212.7
162.5°	182.4	184.0	185.7	185.2	185.1	184.5	183.3	182.2	181.1	179.6	177.6
165°	149.0	150.1	151.1	150.4	150.1	149.4	148.4	147.0	145.6	144.5	142.9
167.5°	114.7	115.8	116.8	116.4	116.4	115.9	115.2	114.1	112.6	110.8	109.2
170°	82.1	82.8	83.5	84.2	83.0	82.6	82.1	81.3	80.2	79.0	77.6
172.5°	51.0	51.6	52.2	52.9	52.4	52.4	52.2	51.9	51.5	50.9	50.1
175°	27.9	28.2	28.5	28.8	29.2	28.6	28.5	28.4	28.2	27.9	27.6
177.5°	9.6	9.8	9.9	10.1	10.3	10.5	10.6	10.4	10.4	10.4	10.4
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: P232064

CATALOG NUMBER: FVS4WM-3-LD4-30-2LO-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
2.5°	10.4	10.4	10.3	10.3	10.2	10.1	10.0	9.8	9.7	9.5	9.3
5°	27.2	26.7	26.2	25.6	24.9	24.2	23.4	22.6	21.7	20.7	19.7
7.5°	49.2	48.1	46.9	45.5	44.0	42.3	40.4	39.3	37.7	36.5	35.5
10°	76.0	74.1	72.8	71.1	69.3	67.1	65.1	63.2	61.1	58.8	56.4
12.5°	107.4	105.5	103.2	100.7	98.1	95.4	92.5	89.3	85.8	82.1	78.1
15°	140.9	138.4	135.4	132.2	128.8	125.1	121.3	117.3	112.9	108.7	104.5
17.5°	175.1	172.2	168.8	165.1	161.1	156.7	151.8	146.7	141.6	136.1	130.1
20°	210.0	206.9	203.2	199.1	194.6	189.7	184.1	178.0	171.4	164.7	158.0
22.5°	243.0	240.4	236.9	232.5	227.2	221.4	215.7	209.5	203.2	195.3	187.2
25°	279.6	275.4	271.2	266.8	261.1	254.4	247.3	239.8	232.5	224.9	217.9
27.5°	313.5	308.8	303.7	298.5	292.8	286.3	280.4	270.8	262.2	253.2	243.7
30°	346.9	342.5	338.0	331.1	324.4	317.2	309.4	301.2	292.5	282.5	272.0
32.5°	379.7	375.1	369.5	362.6	355.7	347.7	339.0	329.6	320.5	310.6	298.9
35°	411.0	406.0	400.4	394.1	386.5	377.9	368.6	358.6	348.6	337.5	325.0
37.5°	441.8	436.6	430.8	425.4	416.3	407.7	397.8	386.6	375.4	364.6	351.3
40°	472.8	467.0	460.2	452.9	445.0	436.0	426.3	414.9	401.5	388.6	375.5
42.5°	501.5	496.3	489.6	481.1	473.4	462.7	451.8	440.0	427.0	412.8	398.6
45°	528.4	522.8	515.9	507.9	498.8	488.5	476.9	464.4	451.0	437.0	421.5
47.5°	554.5	549.1	541.6	533.4	524.5	514.0	501.1	487.7	473.8	459.9	443.8
50°	579.1	573.0	566.2	557.7	548.9	536.5	523.6	510.0	495.4	480.4	464.2
52.5°	605.2	596.8	589.5	579.9	569.6	559.1	545.1	531.1	516.5	500.5	483.4
55°	626.3	618.1	610.4	601.3	590.5	579.0	566.4	552.0	535.5	518.6	501.8
57.5°	647.0	639.9	631.0	621.0	610.1	598.5	585.0	570.2	554.4	536.9	518.1
60°	666.0	659.0	650.4	640.0	628.3	616.0	602.2	587.1	571.0	553.3	534.7
62.5°	684.6	676.3	667.6	656.9	645.2	632.7	618.2	602.8	586.5	568.6	549.2
65°	701.2	692.9	683.7	672.4	660.6	647.7	633.1	617.3	600.5	582.0	562.5
67.5°	716.8	708.5	698.0	686.8	674.7	661.2	646.7	630.7	613.3	594.4	574.4
70°	729.9	721.0	711.2	699.4	687.0	673.1	658.5	642.7	625.2	606.2	585.0
72.5°	742.2	733.0	723.1	711.3	698.6	684.4	669.8	654.1	634.9	615.8	594.5
75°	752.5	743.4	732.9	721.3	708.9	694.0	678.0	661.5	642.8	623.6	602.5
77.5°	761.1	752.1	741.5	729.2	715.5	701.4	685.3	668.1	650.0	630.0	608.6
80°	767.9	758.8	748.0	735.6	721.8	707.0	691.0	673.7	655.5	635.1	613.4
82.5°	772.3	763.7	752.8	740.0	726.3	711.4	694.8	678.1	659.7	638.6	617.4
85°	775.1	766.2	755.2	743.0	728.6	714.0	697.4	680.3	661.4	641.1	620.1
87.5°	776.3	767.9	756.7	744.7	729.8	715.7	699.6	681.9	663.3	643.2	622.4
90°	775.9	767.9	756.0	744.0	730.5	716.9	700.2	681.9	664.4	643.7	622.9
92.5°	776.3	767.9	756.7	744.7	729.8	715.7	699.6	681.9	663.3	643.2	622.4
95°	775.1	766.2	755.2	743.0	728.6	714.0	697.4	680.3	661.4	641.1	620.1
97.5°	772.3	763.7	752.8	740.0	726.3	711.4	694.8	678.1	659.7	638.6	617.4
100°	767.9	758.8	748.0	735.6	721.8	707.0	691.0	673.7	655.5	635.1	613.4
102.5°	761.1	752.1	741.5	729.2	715.5	701.4	685.3	668.1	650.0	630.0	608.6
105°	752.5	743.4	732.9	721.3	708.9	694.0	678.0	661.5	642.8	623.6	602.5
107.5°	742.2	733.0	723.1	711.3	698.6	684.4	669.8	654.1	634.9	615.8	594.5
110°	729.9	721.0	711.2	699.4	687.0	673.1	658.5	642.7	625.2	606.2	585.0





TEST NUMBER: P232064

CATALOG NUMBER: FVS4WM-3-LD4-30-2LO-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°	716.8	708.5	698.0	686.8	674.7	661.2	646.7	630.7	613.3	594.4	574.4
115°	701.2	692.9	683.7	672.4	660.6	647.7	633.1	617.3	600.5	582.0	562.5
117.5°	684.6	676.3	667.6	656.9	645.2	632.7	618.2	602.8	586.5	568.6	549.2
120°	666.0	659.0	650.4	640.0	628.3	616.0	602.2	587.1	571.0	553.3	534.7
122.5°	647.0	639.9	631.0	621.0	610.1	598.5	585.0	570.2	554.4	536.9	518.1
125°	626.3	618.1	610.4	601.3	590.5	579.0	566.4	552.0	535.5	518.6	501.8
127.5°	605.2	596.8	589.5	579.9	569.6	559.1	545.1	531.1	516.5	500.5	483.4
130°	579.1	573.0	566.2	557.7	548.9	536.5	523.6	510.0	495.4	480.4	464.2
132.5°	554.5	549.1	541.6	533.4	524.5	514.0	501.1	487.7	473.8	459.9	443.8
135°	528.4	522.8	515.9	507.9	498.8	488.5	476.9	464.4	451.0	437.0	421.5
137.5°	501.5	496.3	489.6	481.1	473.4	462.7	451.8	440.0	427.0	412.8	398.6
140°	472.8	467.0	460.2	452.9	445.0	436.0	426.3	414.9	401.5	388.6	375.5
142.5°	441.8	436.6	430.8	425.4	416.3	407.7	397.8	386.6	375.4	364.6	351.3
145°	411.0	406.0	400.4	394.1	386.5	377.9	368.6	358.6	348.6	337.5	325.0
147.5°	379.7	375.1	369.5	362.6	355.7	347.7	339.0	329.6	320.5	310.6	298.9
150°	346.9	342.5	338.0	331.1	324.4	317.2	309.4	301.2	292.5	282.5	272.0
152.5°	313.5	308.8	303.7	298.5	292.8	286.3	280.4	270.8	262.2	253.2	243.7
155°	279.6	275.4	271.2	266.8	261.1	254.4	247.3	239.8	232.5	224.9	217.9
157.5°	243.0	240.4	236.9	232.5	227.2	221.4	215.7	209.5	203.2	195.3	187.2
160°	210.0	206.9	203.2	199.1	194.6	189.7	184.1	178.0	171.4	164.7	158.0
162.5°	175.1	172.2	168.8	165.1	161.1	156.7	151.8	146.7	141.6	136.1	130.1
165°	140.9	138.4	135.4	132.2	128.8	125.1	121.3	117.3	112.9	108.7	104.5
167.5°	107.4	105.5	103.2	100.7	98.1	95.4	92.5	89.3	85.8	82.1	78.1
170°	76.0	74.1	72.8	71.1	69.3	67.1	65.1	63.2	61.1	58.8	56.4
172.5°	49.2	48.1	46.9	45.5	44.0	42.3	40.4	39.3	37.7	36.5	35.5
175°	27.2	26.7	26.2	25.6	24.9	24.2	23.4	22.6	21.7	20.7	19.7
177.5°	10.4	10.4	10.3	10.3	10.2	10.1	10.0	9.8	9.7	9.5	9.3
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: P232064

CATALOG NUMBER: FVS4WM-3-LD4-30-2LO-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
2.5°	9.1	8.9	8.6	8.4	8.1	7.8	7.6	7.2	6.9	6.6	6.3
5°	18.7	17.6	16.4	15.9	15.4	14.9	14.3	13.7	13.0	12.4	11.7
7.5°	34.3	32.9	31.5	30.0	28.4	26.6	24.8	23.9	23.2	22.4	21.5
10°	53.9	51.2	48.6	46.3	44.1	41.7	39.2	36.5	33.8	32.4	31.3
12.5°	75.1	72.0	68.7	65.1	61.3	57.8	54.8	51.7	48.5	45.2	43.1
15°	100.1	95.5	91.5	86.2	81.4	76.2	70.7	66.9	63.2	59.3	55.4
17.5°	124.7	118.9	113.7	108.2	102.3	96.2	89.9	83.3	78.5	74.2	69.6
20°	151.1	143.8	136.6	130.1	123.3	116.0	109.0	101.8	94.3	89.1	83.9
22.5°	178.5	170.2	161.7	152.8	144.7	136.5	128.0	119.8	111.3	103.3	97.3
25°	206.9	197.0	187.2	177.2	166.6	157.0	147.7	138.1	128.4	118.3	110.7
27.5°	233.4	222.8	212.5	201.9	189.9	177.4	166.7	155.9	145.1	134.5	124.9
30°	260.3	247.8	235.7	224.2	212.0	198.7	185.3	173.3	161.5	150.0	139.3
32.5°	286.6	273.3	259.3	245.9	233.0	219.1	204.6	190.6	177.0	164.4	152.5
35°	311.7	297.9	283.3	268.1	253.4	238.3	223.1	208.5	193.0	178.6	165.6
37.5°	336.6	321.7	306.1	290.4	275.6	257.7	240.9	224.4	208.4	192.6	178.8
40°	360.8	345.3	328.4	311.1	294.3	276.8	258.8	240.8	222.9	206.8	191.8
42.5°	383.5	367.1	349.8	331.6	313.4	295.6	276.2	256.6	236.9	219.6	203.3
45°	405.3	388.6	370.2	351.1	331.7	312.9	292.6	271.2	251.1	232.1	214.4
47.5°	426.2	408.4	389.5	370.8	349.6	329.7	308.8	286.0	264.6	244.1	224.8
50°	446.3	427.7	408.1	387.1	366.0	344.4	322.8	300.5	278.0	255.8	235.3
52.5°	465.2	445.8	425.0	403.7	382.0	359.1	336.4	313.6	290.2	266.6	245.0
55°	482.9	463.1	441.7	419.2	396.2	373.1	350.0	326.2	301.3	277.2	254.4
57.5°	498.7	477.9	458.6	434.4	410.1	386.2	362.5	337.9	311.2	286.8	263.2
60°	515.4	491.8	471.2	448.4	424.0	398.7	373.5	348.4	320.7	295.5	271.6
62.5°	529.1	506.6	483.9	460.8	437.1	410.7	383.9	357.8	330.3	303.9	279.4
65°	541.8	519.2	495.7	472.1	447.1	420.1	393.6	366.7	339.5	312.3	286.8
67.5°	553.6	529.6	505.9	483.0	456.5	429.2	402.2	374.7	347.1	319.5	292.9
70°	564.3	539.9	516.4	491.2	464.9	438.0	410.3	381.9	353.8	326.2	298.8
72.5°	572.2	549.2	526.2	499.5	472.4	445.6	417.2	388.4	359.8	331.1	303.1
75°	579.6	556.3	532.4	506.2	479.5	452.0	422.6	394.2	365.5	335.3	306.9
77.5°	586.1	562.3	538.1	511.5	484.9	457.3	427.5	398.4	369.3	339.4	310.4
80°	591.1	567.0	542.7	515.9	488.4	461.3	432.0	401.9	372.3	343.1	313.7
82.5°	594.9	570.8	546.1	519.2	491.4	463.7	435.2	404.0	374.7	345.2	317.0
85°	596.8	573.4	548.2	521.3	494.1	466.0	438.7	406.3	377.5	347.3	318.6
87.5°	598.8	574.8	549.7	523.6	495.1	466.7	438.5	407.1	378.4	347.3	317.8
90°	599.8	574.4	549.7	525.0	494.7	467.6	438.1	407.9	379.2	347.3	317.0
92.5°	598.8	574.8	549.7	523.6	495.1	466.7	438.5	407.1	378.4	347.3	317.8
95°	596.8	573.4	548.2	521.3	494.1	466.0	438.7	406.3	377.5	347.3	318.6
97.5°	594.9	570.8	546.1	519.2	491.4	463.7	435.2	404.0	374.7	345.2	317.0
100°	591.1	567.0	542.7	515.9	488.4	461.3	432.0	401.9	372.3	343.1	313.7
102.5°	586.1	562.3	538.1	511.5	484.9	457.3	427.5	398.4	369.3	339.4	310.4
105°	579.6	556.3	532.4	506.2	479.5	452.0	422.6	394.2	365.5	335.3	306.9
107.5°	572.2	549.2	526.2	499.5	472.4	445.6	417.2	388.4	359.8	331.1	303.1
110°	564.3	539.9	516.4	491.2	464.9	438.0	410.3	381.9	353.8	326.2	298.8



TEST NUMBER: P232064

CATALOG NUMBER: FVS4WM-3-LD4-30-2LO-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	553.6	529.6	505.9	483.0	456.5	429.2	402.2	374.7	347.1	319.5	292.9
115°	541.8	519.2	495.7	472.1	447.1	420.1	393.6	366.7	339.5	312.3	286.8
117.5°	529.1	506.6	483.9	460.8	437.1	410.7	383.9	357.8	330.3	303.9	279.4
120°	515.4	491.8	471.2	448.4	424.0	398.7	373.5	348.4	320.7	295.5	271.6
122.5°	498.7	477.9	458.6	434.4	410.1	386.2	362.5	337.9	311.2	286.8	263.2
125°	482.9	463.1	441.7	419.2	396.2	373.1	350.0	326.2	301.3	277.2	254.4
127.5°	465.2	445.8	425.0	403.7	382.0	359.1	336.4	313.6	290.2	266.6	245.0
130°	446.3	427.7	408.1	387.1	366.0	344.4	322.8	300.5	278.0	255.8	235.3
132.5°	426.2	408.4	389.5	370.8	349.6	329.7	308.8	286.0	264.6	244.1	224.8
135°	405.3	388.6	370.2	351.1	331.7	312.9	292.6	271.2	251.1	232.1	214.4
137.5°	383.5	367.1	349.8	331.6	313.4	295.6	276.2	256.6	236.9	219.6	203.3
140°	360.8	345.3	328.4	311.1	294.3	276.8	258.8	240.8	222.9	206.8	191.8
142.5°	336.6	321.7	306.1	290.4	275.6	257.7	240.9	224.4	208.4	192.6	178.8
145°	311.7	297.9	283.3	268.1	253.4	238.3	223.1	208.5	193.0	178.6	165.6
147.5°	286.6	273.3	259.3	245.9	233.0	219.1	204.6	190.6	177.0	164.4	152.5
150°	260.3	247.8	235.7	224.2	212.0	198.7	185.3	173.3	161.5	150.0	139.3
152.5°	233.4	222.8	212.5	201.9	189.9	177.4	166.7	155.9	145.1	134.5	124.9
155°	206.9	197.0	187.2	177.2	166.6	157.0	147.7	138.1	128.4	118.3	110.7
157.5°	178.5	170.2	161.7	152.8	144.7	136.5	128.0	119.8	111.3	103.3	97.3
160°	151.1	143.8	136.6	130.1	123.3	116.0	109.0	101.8	94.3	89.1	83.9
162.5°	124.7	118.9	113.7	108.2	102.3	96.2	89.9	83.3	78.5	74.2	69.6
165°	100.1	95.5	91.5	86.2	81.4	76.2	70.7	66.9	63.2	59.3	55.4
167.5°	75.1	72.0	68.7	65.1	61.3	57.8	54.8	51.7	48.5	45.2	43.1
170°	53.9	51.2	48.6	46.3	44.1	41.7	39.2	36.5	33.8	32.4	31.3
172.5°	34.3	32.9	31.5	30.0	28.4	26.6	24.8	23.9	23.2	22.4	21.5
175°	18.7	17.6	16.4	15.9	15.4	14.9	14.3	13.7	13.0	12.4	11.7
177.5°	9.1	8.9	8.6	8.4	8.1	7.8	7.6	7.2	6.9	6.6	6.3
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: P232064

CATALOG NUMBER: FVS4WM-3-LD4-30-2LO-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
2.5°	5.9	5.5	5.2	4.8	4.8	4.8	4.7	4.7	4.6	4.6	4.5
5°	11.0	10.3	9.6	8.8	8.7	8.6	8.5	8.4	8.3	8.1	8.0
7.5°	20.6	19.6	18.6	17.6	17.3	17.0	16.7	16.3	15.9	15.5	15.0
10°	30.2	28.9	27.7	26.3	25.9	25.3	24.8	24.2	23.5	22.8	22.3
12.5°	41.6	40.1	38.4	36.7	36.1	35.4	34.7	33.8	33.0	32.2	31.4
15°	53.3	51.3	49.2	47.0	46.3	45.5	44.6	43.7	42.8	41.8	40.7
17.5°	65.8	63.4	60.8	58.2	57.4	56.4	55.4	54.3	53.2	52.0	50.6
20°	78.6	75.5	72.5	69.3	68.4	67.3	66.2	65.1	63.8	62.5	60.7
22.5°	91.1	86.9	83.7	80.5	79.3	78.0	76.7	75.5	74.1	72.4	70.4
25°	103.7	98.0	94.9	91.6	90.2	88.5	87.2	85.9	84.3	82.3	80.2
27.5°	117.2	110.1	106.3	102.4	100.8	99.0	97.5	96.0	94.1	92.1	89.8
30°	130.8	122.3	117.8	113.1	111.4	109.5	107.8	106.0	103.9	101.7	99.3
32.5°	142.7	133.6	128.1	123.1	121.2	119.3	117.5	115.6	113.5	111.1	108.4
35°	154.3	144.8	138.4	133.0	131.1	129.1	127.2	125.2	122.9	120.1	117.1
37.5°	165.9	155.3	148.1	142.6	140.3	138.1	136.2	134.1	131.8	128.8	125.5
40°	177.6	165.9	157.7	152.2	149.5	147.1	145.1	142.9	140.3	137.2	133.6
42.5°	188.1	175.8	166.6	160.6	158.0	155.6	153.3	151.0	148.2	145.0	141.2
45°	198.7	185.6	175.5	168.9	166.5	164.0	161.4	159.1	155.8	152.2	148.7
47.5°	209.0	194.9	183.8	176.9	174.1	171.4	168.8	166.5	163.1	159.6	155.9
50°	219.1	204.2	192.1	184.8	181.7	178.8	176.2	173.8	170.5	166.8	162.5
52.5°	227.1	211.6	199.1	191.6	188.4	185.7	183.1	180.3	176.9	173.0	168.7
55°	235.0	218.8	206.1	198.4	195.1	192.6	189.9	186.6	182.8	178.8	174.6
57.5°	242.6	225.7	212.3	204.4	200.9	198.2	195.6	192.3	188.5	184.4	180.1
60°	250.2	232.5	218.6	210.3	206.8	203.7	201.2	198.0	194.1	189.9	185.3
62.5°	257.2	238.1	223.9	215.5	211.6	208.8	206.1	202.7	198.8	194.5	189.7
65°	264.2	243.6	229.3	220.7	216.3	213.8	210.8	207.2	203.2	198.8	193.8
67.5°	269.4	248.2	233.4	224.7	220.2	217.7	214.8	211.0	207.1	202.5	197.3
70°	274.2	252.8	237.6	228.6	224.1	221.7	218.6	214.8	210.8	205.8	200.6
72.5°	278.2	256.4	240.5	231.4	227.2	224.4	221.3	217.6	213.6	208.4	203.4
75°	281.9	260.0	243.8	234.2	230.3	227.2	224.0	220.2	216.2	210.9	205.9
77.5°	285.0	262.8	245.7	236.2	232.3	229.1	226.3	222.1	218.1	212.8	207.6
80°	288.1	266.1	247.7	238.2	234.3	231.1	228.6	224.0	220.0	214.5	209.0
82.5°	290.0	266.9	248.5	239.4	235.0	232.2	229.5	225.1	220.8	215.6	210.1
85°	290.8	267.7	249.3	240.6	235.8	233.4	230.2	226.2	221.6	216.7	211.1
87.5°	290.4	268.1	250.1	241.0	236.2	233.8	230.6	226.2	221.9	216.7	211.5
90°	290.0	268.5	250.9	241.4	236.6	234.2	231.0	226.2	222.3	216.7	211.9
92.5°	290.4	268.1	250.1	241.0	236.2	233.8	230.6	226.2	221.9	216.7	211.5
95°	290.8	267.7	249.3	240.6	235.8	233.4	230.2	226.2	221.6	216.7	211.1
97.5°	290.0	266.9	248.5	239.4	235.0	232.2	229.5	225.1	220.8	215.6	210.1
100°	288.1	266.1	247.7	238.2	234.3	231.1	228.6	224.0	220.0	214.5	209.0
102.5°	285.0	262.8	245.7	236.2	232.3	229.1	226.3	222.1	218.1	212.8	207.6
105°	281.9	260.0	243.8	234.2	230.3	227.2	224.0	220.2	216.2	210.9	205.9
107.5°	278.2	256.4	240.5	231.4	227.2	224.4	221.3	217.6	213.6	208.4	203.4
110°	274.2	252.8	237.6	228.6	224.1	221.7	218.6	214.8	210.8	205.8	200.6



TEST NUMBER: P232064

CATALOG NUMBER: FVS4WM-3-LD4-30-2LO-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°	269.4	248.2	233.4	224.7	220.2	217.7	214.8	211.0	207.1	202.5	197.3
115°	264.2	243.6	229.3	220.7	216.3	213.8	210.8	207.2	203.2	198.8	193.8
117.5°	257.2	238.1	223.9	215.5	211.6	208.8	206.1	202.7	198.8	194.5	189.7
120°	250.2	232.5	218.6	210.3	206.8	203.7	201.2	198.0	194.1	189.9	185.3
122.5°	242.6	225.7	212.3	204.4	200.9	198.2	195.6	192.3	188.5	184.4	180.1
125°	235.0	218.8	206.1	198.4	195.1	192.6	189.9	186.6	182.8	178.8	174.6
127.5°	227.1	211.6	199.1	191.6	188.4	185.7	183.1	180.3	176.9	173.0	168.7
130°	219.1	204.2	192.1	184.8	181.7	178.8	176.2	173.8	170.5	166.8	162.5
132.5°	209.0	194.9	183.8	176.9	174.1	171.4	168.8	166.5	163.1	159.6	155.9
135°	198.7	185.6	175.5	168.9	166.5	164.0	161.4	159.1	155.8	152.2	148.7
137.5°	188.1	175.8	166.6	160.6	158.0	155.6	153.3	151.0	148.2	145.0	141.2
140°	177.6	165.9	157.7	152.2	149.5	147.1	145.1	142.9	140.3	137.2	133.6
142.5°	165.9	155.3	148.1	142.6	140.3	138.1	136.2	134.1	131.8	128.8	125.5
145°	154.3	144.8	138.4	133.0	131.1	129.1	127.2	125.2	122.9	120.1	117.1
147.5°	142.7	133.6	128.1	123.1	121.2	119.3	117.5	115.6	113.5	111.1	108.4
150°	130.8	122.3	117.8	113.1	111.4	109.5	107.8	106.0	103.9	101.7	99.3
152.5°	117.2	110.1	106.3	102.4	100.8	99.0	97.5	96.0	94.1	92.1	89.8
155°	103.7	98.0	94.9	91.6	90.2	88.5	87.2	85.9	84.3	82.3	80.2
157.5°	91.1	86.9	83.7	80.5	79.3	78.0	76.7	75.5	74.1	72.4	70.4
160°	78.6	75.5	72.5	69.3	68.4	67.3	66.2	65.1	63.8	62.5	60.7
162.5°	65.8	63.4	60.8	58.2	57.4	56.4	55.4	54.3	53.2	52.0	50.6
165°	53.3	51.3	49.2	47.0	46.3	45.5	44.6	43.7	42.8	41.8	40.7
167.5°	41.6	40.1	38.4	36.7	36.1	35.4	34.7	33.8	33.0	32.2	31.4
170°	30.2	28.9	27.7	26.3	25.9	25.3	24.8	24.2	23.5	22.8	22.3
172.5°	20.6	19.6	18.6	17.5	17.3	17.0	16.7	16.3	15.9	15.5	15.0
175°	11.0	10.3	9.6	8.8	8.7	8.6	8.5	8.4	8.3	8.1	8.0
177.5°	5.9	5.5	5.2	4.8	4.8	4.8	4.7	4.7	4.6	4.6	4.5
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232064

CATALOG NUMBER: FVS4WM-3-LD4-30-2LO-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
2.5°	4.4	4.4	4.3	4.2	4.1	4.0	3.9	3.8	3.7	3.6	3.4
5°	7.8	7.6	7.4	7.2	7.0	6.8	6.6	6.4	6.1	5.9	5.7
7.5°	14.5	14.0	13.5	13.0	12.4	11.8	11.1	10.4	9.7	8.9	8.2
10°	21.7	21.1	20.4	19.7	18.9	18.1	17.3	16.4	15.5	14.6	13.6
12.5°	30.5	29.5	28.4	27.3	26.2	24.9	23.6	22.2	20.9	19.6	18.3
15°	39.5	38.4	37.2	35.9	34.5	32.8	30.9	29.1	27.1	25.2	23.3
17.5°	49.2	47.8	46.2	44.3	42.2	40.1	37.9	36.0	34.0	31.9	29.8
20°	58.9	57.0	55.1	52.9	50.7	48.3	46.0	43.6	41.2	38.4	35.9
22.5°	68.4	66.3	64.2	61.9	59.2	56.5	53.8	51.1	48.3	45.3	42.2
25°	78.0	75.6	73.1	70.4	67.5	64.6	61.7	58.7	55.3	51.9	48.4
27.5°	87.4	84.8	81.9	79.0	75.9	72.7	69.4	65.8	62.2	58.3	54.3
30°	96.7	93.6	90.5	87.2	83.8	80.4	76.9	73.1	68.9	64.6	60.4
32.5°	105.5	102.2	98.8	95.2	91.6	88.0	84.1	79.8	75.3	71.0	66.6
35°	113.9	110.4	106.8	103.1	99.4	95.5	91.2	86.5	81.7	77.0	72.2
37.5°	122.1	118.6	114.9	111.0	106.9	102.3	97.7	92.8	87.7	82.8	77.7
40°	129.8	126.2	122.3	118.2	113.7	109.0	104.5	99.3	93.8	88.4	83.3
42.5°	137.5	133.8	129.5	124.9	120.2	115.5	110.6	105.0	99.2	93.9	88.2
45°	144.8	140.6	136.2	131.4	126.7	121.8	116.2	110.5	104.9	99.0	93.2
47.5°	151.7	147.5	142.7	137.6	132.7	127.4	121.7	116.1	110.2	103.6	97.5
50°	158.0	153.6	148.6	143.5	138.7	133.1	127.1	120.9	114.3	108.3	102.4
52.5°	164.1	159.7	154.6	149.3	143.7	137.8	131.6	125.2	118.9	112.8	105.9
55°	170.0	165.1	159.9	154.4	148.5	142.4	136.1	129.6	123.2	116.5	109.7
57.5°	175.4	170.4	165.1	159.1	153.0	146.9	140.3	133.7	127.2	119.9	113.0
60°	180.2	174.8	169.2	163.3	157.4	151.2	144.4	137.3	130.3	123.2	116.2
62.5°	184.6	179.1	173.4	167.5	161.4	154.8	147.6	140.7	133.6	126.4	118.6
65°	188.4	183.1	177.4	171.1	164.9	158.0	151.0	144.0	136.5	128.6	120.9
67.5°	192.1	186.8	180.9	174.6	168.0	161.1	154.2	147.0	139.0	130.8	123.0
70°	195.4	189.6	183.3	176.9	170.4	163.8	156.9	149.6	141.4	133.0	124.8
72.5°	198.1	192.1	185.7	179.2	172.8	165.9	158.4	150.7	143.0	134.7	126.5
75°	200.5	194.3	187.9	181.1	174.4	167.5	159.9	152.0	144.4	136.2	127.8
77.5°	202.1	196.2	189.7	182.8	176.1	169.1	161.4	153.3	145.3	137.2	128.6
80°	203.4	197.8	190.9	184.2	177.3	169.7	162.2	154.2	146.0	137.9	129.3
82.5°	204.5	198.7	191.9	185.2	178.0	170.4	163.0	155.1	146.5	138.4	129.2
85°	205.5	199.3	192.8	185.7	178.5	171.3	163.4	155.4	146.8	138.2	129.2
87.5°	205.5	199.3	192.9	186.0	178.5	171.7	163.7	155.4	147.0	138.2	129.4
90°	205.5	199.2	192.8	186.4	178.4	172.1	164.1	155.3	147.4	138.6	129.8
92.5°	205.5	199.3	192.9	186.0	178.5	171.7	163.7	155.4	147.0	138.2	129.4
95°	205.5	199.3	192.8	185.7	178.5	171.3	163.4	155.4	146.8	138.2	129.2
97.5°	204.5	198.7	191.9	185.2	178.0	170.4	163.0	155.1	146.5	138.4	129.2
100°	203.4	197.8	190.9	184.2	177.3	169.7	162.2	154.2	146.0	137.9	129.3
102.5°	202.1	196.2	189.7	182.8	176.1	169.1	161.4	153.3	145.3	137.2	128.6
105°	200.5	194.3	187.9	181.1	174.4	167.5	159.9	152.0	144.4	136.2	127.8
107.5°	198.1	192.1	185.7	179.2	172.8	165.9	158.4	150.7	143.0	134.7	126.5
110°	195.4	189.6	183.3	176.9	170.4	163.8	156.9	149.6	141.4	133.0	124.8



TEST NUMBER: P232064

CATALOG NUMBER: FVS4WM-3-LD4-30-2LO-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	192.1	186.8	180.9	174.6	168.0	161.1	154.2	147.0	139.0	130.8	123.0
115°	188.4	183.1	177.4	171.1	164.9	158.0	151.0	144.0	136.5	128.6	120.9
117.5°	184.6	179.1	173.4	167.5	161.4	154.8	147.6	140.7	133.6	126.4	118.6
120°	180.2	174.8	169.2	163.3	157.4	151.2	144.4	137.3	130.3	123.2	116.2
122.5°	175.4	170.4	165.1	159.1	153.0	146.9	140.3	133.7	127.2	119.9	113.0
125°	170.0	165.1	159.9	154.4	148.5	142.4	136.1	129.6	123.2	116.5	109.7
127.5°	164.1	159.7	154.6	149.3	143.7	137.8	131.6	125.2	118.9	112.8	105.9
130°	158.0	153.6	148.6	143.5	138.7	133.1	127.1	120.9	114.3	108.3	102.4
132.5°	151.7	147.5	142.7	137.6	132.7	127.4	121.7	116.1	110.2	103.6	97.5
135°	144.8	140.6	136.2	131.4	126.7	121.8	116.2	110.5	104.9	99.0	93.2
137.5°	137.5	133.8	129.5	124.9	120.2	115.5	110.6	105.0	99.2	93.9	88.2
140°	129.8	126.2	122.3	118.2	113.7	109.0	104.5	99.3	93.8	88.4	83.3
142.5°	122.1	118.6	114.9	111.0	106.9	102.3	97.7	92.8	87.7	82.8	77.7
145°	113.9	110.4	106.8	103.1	99.4	95.5	91.2	86.5	81.7	77.0	72.2
147.5°	105.5	102.2	98.8	95.2	91.6	88.0	84.1	79.8	75.3	71.0	66.6
150°	96.7	93.6	90.5	87.2	83.8	80.4	76.9	73.1	68.9	64.6	60.4
152.5°	87.4	84.8	81.9	79.0	75.9	72.7	69.4	65.8	62.2	58.3	54.3
155°	78.0	75.6	73.1	70.4	67.5	64.6	61.7	58.7	55.3	51.9	48.4
157.5°	68.4	66.3	64.2	61.9	59.2	56.5	53.8	51.1	48.3	45.3	42.2
160°	58.9	57.0	55.1	52.9	50.7	48.3	46.0	43.6	41.2	38.4	35.9
162.5°	49.2	47.8	46.2	44.3	42.2	40.1	37.9	36.0	34.0	31.9	29.8
165°	39.5	38.4	37.2	35.9	34.5	32.8	30.9	29.1	27.1	25.2	23.3
167.5°	30.5	29.5	28.4	27.3	26.2	24.9	23.6	22.2	20.9	19.6	18.3
170°	21.7	21.1	20.4	19.7	18.9	18.1	17.3	16.4	15.5	14.6	13.6
172.5°	14.5	14.0	13.5	13.0	12.4	11.8	11.1	10.4	9.7	8.9	8.2
175°	7.8	7.6	7.4	7.2	7.0	6.8	6.6	6.4	6.1	5.9	5.7
177.5°	4.4	4.4	4.3	4.2	4.1	4.0	3.9	3.8	3.7	3.6	3.4
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232064

CATALOG NUMBER: FVS4WM-3-LD4-30-2LO-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
2.5°	3.3	3.2	3.0	2.9	2.8	2.6	2.5	2.3	2.2	2.0	1.9
5°	5.4	5.2	4.9	4.6	4.4	4.1	3.8	3.6	3.3	3.0	2.8
7.5°	7.2	7.0	6.7	6.3	6.0	5.6	5.3	4.9	4.5	4.1	3.7
10°	12.6	11.6	10.4	9.3	8.1	6.8	6.4	5.8	5.3	4.8	4.3
12.5°	16.9	15.5	14.1	12.8	11.4	9.9	8.5	7.0	5.8	5.2	4.6
15°	21.4	19.6	18.0	16.4	14.7	13.0	11.4	9.7	8.0	6.3	5.2
17.5°	27.5	25.1	22.7	20.3	18.2	16.3	14.3	12.3	10.3	8.3	6.2
20°	33.3	30.6	27.9	25.1	22.3	19.5	17.0	14.8	12.5	10.3	8.0
22.5°	39.0	35.8	32.7	29.7	26.6	23.5	20.3	17.1	14.6	12.0	9.5
25°	44.8	41.3	37.7	34.0	30.6	27.1	23.4	19.8	16.1	13.4	10.9
27.5°	50.4	46.5	42.6	38.6	34.6	30.7	26.8	22.9	19.1	14.9	12.3
30°	56.0	51.6	47.4	43.3	39.0	34.5	30.0	25.9	21.8	17.5	13.4
32.5°	61.9	57.2	52.6	47.5	43.0	38.2	33.1	27.9	23.6	19.1	14.8
35°	67.2	62.1	57.0	51.8	46.4	41.0	36.0	31.0	25.8	21.3	16.8
37.5°	72.4	66.9	61.1	55.7	50.2	44.9	39.6	33.9	28.4	23.2	18.4
40°	77.7	71.7	65.7	59.8	54.0	48.1	42.1	36.2	30.5	24.7	19.3
42.5°	82.3	76.2	69.9	63.7	57.4	51.2	45.0	38.9	32.9	26.9	20.9
45°	86.7	80.3	73.9	67.4	60.8	54.3	47.9	41.5	35.0	28.5	22.0
47.5°	91.1	84.6	77.9	71.0	64.1	57.3	50.5	43.9	36.9	29.8	23.3
50°	95.3	88.4	81.5	74.5	67.2	60.1	53.0	45.7	38.6	31.1	24.0
52.5°	98.9	91.6	84.7	77.5	70.3	62.5	54.8	47.2	39.8	32.2	24.8
55°	102.5	95.1	87.9	80.4	72.6	64.6	56.8	48.6	40.4	32.7	25.4
57.5°	105.6	98.0	90.6	82.7	75.1	66.7	58.5	49.7	41.3	33.4	25.9
60°	108.1	100.6	92.7	84.4	76.8	68.3	59.6	51.0	42.4	33.5	26.0
62.5°	110.6	102.9	94.6	86.7	78.6	69.7	60.5	51.3	42.7	34.2	26.6
65°	113.0	104.8	96.5	88.4	80.0	71.1	61.6	51.8	42.9	34.2	26.3
67.5°	114.9	106.7	97.9	89.6	81.1	72.3	62.3	52.8	43.2	34.6	26.5
70°	116.4	108.0	99.3	90.7	81.9	72.7	62.9	53.0	43.0	34.3	26.1
72.5°	117.4	109.3	100.5	91.6	83.0	73.7	64.1	53.2	43.6	34.2	25.5
75°	118.8	110.6	101.4	92.3	83.2	74.1	64.4	53.7	43.0	33.6	25.2
77.5°	119.8	111.0	101.7	92.6	83.4	74.2	64.7	55.0	43.7	33.5	24.6
80°	120.1	110.9	101.6	92.5	83.5	74.3	64.6	54.9	44.2	33.2	24.0
82.5°	120.1	110.8	101.6	92.4	83.0	73.4	63.8	54.2	44.6	34.0	23.5
85°	120.0	110.8	102.0	92.2	82.7	73.1	62.9	53.3	44.1	34.4	23.9
87.5°	119.9	110.9	102.1	92.0	82.4	72.9	62.5	52.9	42.7	33.3	23.8
90°	120.3	110.7	101.2	92.4	81.3	71.7	62.1	53.4	42.2	32.7	23.1
92.5°	119.9	110.9	102.1	92.0	82.4	72.9	62.5	52.9	42.7	33.3	23.8
95°	120.0	110.8	102.0	92.2	82.7	73.1	62.9	53.3	44.1	34.4	23.9
97.5°	120.1	110.8	101.6	92.4	83.0	73.4	63.8	54.2	44.6	34.0	23.5
100°	120.1	110.9	101.6	92.5	83.5	74.3	64.6	54.9	44.2	33.2	24.0
102.5°	119.8	111.0	101.7	92.6	83.4	74.2	64.7	55.0	43.7	33.5	24.6
105°	118.8	110.6	101.4	92.3	83.2	74.1	64.4	53.7	43.0	33.6	25.2
107.5°	117.4	109.3	100.5	91.6	83.0	73.7	64.1	53.2	43.6	34.2	25.5
110°	116.4	108.0	99.3	90.7	81.9	72.7	62.9	53.0	43.0	34.3	26.1





TEST NUMBER: P232064

CATALOG NUMBER: FVS4WM-3-LD4-30-2LO-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°	114.9	106.7	97.9	89.6	81.1	72.3	62.3	52.8	43.2	34.6	26.5
115°	113.0	104.8	96.5	88.4	80.0	71.1	61.6	51.8	42.9	34.2	26.3
117.5°	110.6	102.9	94.6	86.7	78.6	69.7	60.5	51.3	42.7	34.2	26.6
120°	108.1	100.6	92.7	84.4	76.8	68.3	59.6	51.0	42.4	33.5	26.0
122.5°	105.6	98.0	90.6	82.7	75.1	66.7	58.5	49.7	41.3	33.4	25.9
125°	102.5	95.1	87.9	80.4	72.6	64.6	56.8	48.6	40.4	32.7	25.4
127.5°	98.9	91.6	84.7	77.5	70.3	62.5	54.8	47.2	39.8	32.2	24.8
130°	95.3	88.4	81.5	74.5	67.2	60.1	53.0	45.7	38.6	31.1	24.0
132.5°	91.1	84.6	77.9	71.0	64.1	57.3	50.5	43.9	36.9	29.8	23.3
135°	86.7	80.3	73.9	67.4	60.8	54.3	47.9	41.5	35.0	28.5	22.0
137.5°	82.3	76.2	69.9	63.7	57.4	51.2	45.0	38.9	32.9	26.9	20.9
140°	77.7	71.7	65.7	59.8	54.0	48.1	42.1	36.2	30.5	24.7	19.3
142.5°	72.4	66.9	61.1	55.7	50.2	44.9	39.6	33.9	28.4	23.2	18.4
145°	67.2	62.1	57.0	51.8	46.4	41.0	36.0	31.0	25.8	21.3	16.8
147.5°	61.9	57.2	52.6	47.5	43.0	38.2	33.1	27.9	23.6	19.1	14.8
150°	56.0	51.6	47.4	43.3	39.0	34.5	30.0	25.9	21.8	17.5	13.4
152.5°	50.4	46.5	42.6	38.6	34.6	30.7	26.8	22.9	19.1	14.9	12.3
155°	44.8	41.3	37.7	34.0	30.6	27.1	23.4	19.8	16.1	13.4	10.9
157.5°	39.0	35.8	32.7	29.7	26.6	23.5	20.3	17.1	14.6	12.0	9.5
160°	33.3	30.6	27.9	25.1	22.3	19.5	17.0	14.8	12.5	10.3	8.0
162.5°	27.5	25.1	22.7	20.3	18.2	16.3	14.3	12.3	10.3	8.3	6.2
165°	21.4	19.6	18.0	16.4	14.7	13.0	11.4	9.7	8.0	6.3	5.2
167.5°	16.9	15.5	14.1	12.8	11.4	9.9	8.5	7.0	5.8	5.2	4.6
170°	12.6	11.6	10.4	9.3	8.1	6.8	6.4	5.8	5.3	4.8	4.3
172.5°	7.2	7.0	6.7	6.3	6.0	5.6	5.3	4.9	4.5	4.1	3.7
175°	5.4	5.2	4.9	4.6	4.4	4.1	3.8	3.6	3.3	3.0	2.8
177.5°	3.3	3.2	3.0	2.9	2.8	2.6	2.5	2.3	2.2	2.0	1.9
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: P232064

CATALOG NUMBER: FVS4WM-3-LD4-30-2LO-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
2.5°	1.7	1.6	1.4	1.3	1.1	1.0	0.8	1.0	1.1	1.3	1.4
5°	2.5	2.2	1.9	1.6	1.4	1.1	0.8	1.1	1.4	1.6	1.9
7.5°	3.3	2.9	2.5	2.1	1.6	1.2	0.8	1.2	1.6	2.1	2.5
10°	3.8	3.3	2.8	2.3	1.8	1.3	0.8	1.3	1.8	2.3	2.8
12.5°	4.0	3.5	2.9	2.4	1.9	1.3	0.8	1.3	1.9	2.4	2.9
15°	4.6	4.0	3.4	2.7	2.1	1.4	0.8	1.4	2.1	2.7	3.4
17.5°	4.7	4.0	3.4	2.7	2.1	1.4	0.8	1.4	2.1	2.7	3.4
20°	5.8	4.4	3.7	3.0	2.3	1.5	0.8	1.5	2.3	3.0	3.7
22.5°	7.0	4.5	3.5	2.8	2.1	1.5	0.8	1.5	2.1	2.8	3.5
25°	8.3	5.7	3.8	3.0	2.3	1.5	0.8	1.5	2.3	3.0	3.8
27.5°	9.5	6.6	3.7	2.7	2.1	1.4	0.8	1.4	2.1	2.7	3.7
30°	10.3	7.4	4.6	2.9	2.2	1.5	0.8	1.5	2.2	2.9	4.6
32.5°	11.1	8.1	5.1	2.4	1.8	1.3	0.8	1.3	1.8	2.4	5.1
35°	12.3	9.0	5.9	2.8	1.9	1.4	0.8	1.4	1.9	2.8	5.9
37.5°	13.6	9.3	6.1	2.9	1.5	1.1	0.8	1.1	1.5	2.9	6.1
40°	14.6	9.8	6.5	3.4	1.5	1.1	0.8	1.1	1.5	3.4	6.5
42.5°	15.6	10.6	6.5	3.7	1.5	1.2	0.8	1.2	1.5	3.7	6.5
45°	16.1	11.2	6.5	4.0	1.6	1.2	0.8	1.2	1.6	4.0	6.5
47.5°	17.2	11.9	7.1	4.0	1.3	0.8	0.8	0.8	1.3	4.0	7.1
50°	17.7	11.8	7.2	3.5	1.4	0.8	0.8	0.8	1.4	3.5	7.2
52.5°	18.1	12.1	7.3	3.2	1.5	0.8	0.8	0.8	1.5	3.2	7.3
55°	18.3	12.6	7.5	3.3	1.5	0.8	0.8	0.8	1.5	3.3	7.5
57.5°	19.0	13.0	7.6	3.8	1.7	0.8	0.8	0.8	1.7	3.8	7.6
60°	19.1	13.1	7.7	3.8	1.5	0.8	0.8	0.8	1.5	3.8	7.7
62.5°	19.3	12.9	7.4	3.4	1.5	0.8	0.8	0.8	1.5	3.4	7.4
65°	19.4	12.9	7.2	3.2	1.1	0.8	0.8	0.8	1.1	3.2	7.2
67.5°	19.4	12.9	7.3	3.3	1.2	0.8	0.8	0.8	1.2	3.3	7.3
70°	19.1	12.5	6.6	3.1	1.4	0.8	0.8	0.8	1.4	3.1	6.6
72.5°	18.6	12.2	6.7	3.0	1.1	0.8	0.8	0.8	1.1	3.0	6.7
75°	17.8	11.8	6.7	2.5	1.0	0.8	0.8	0.8	1.0	2.5	6.7
77.5°	16.8	10.4	5.7	2.0	0.4	0.1	0.0	0.1	0.4	2.0	5.7
80°	15.9	9.5	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0
82.5°	14.7	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	14.1	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	14.3	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	13.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	14.3	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	14.1	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	14.7	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	15.9	9.5	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0
102.5°	16.8	10.4	5.7	2.0	0.4	0.1	0.0	0.1	0.4	2.0	5.7
105°	17.8	11.8	6.7	2.5	1.0	0.8	0.8	0.8	1.0	2.5	6.7
107.5°	18.6	12.2	6.7	3.0	1.1	0.8	0.8	0.8	1.1	3.0	6.7
110°	19.1	12.5	6.6	3.1	1.4	0.8	0.8	0.8	1.4	3.1	6.6



TEST NUMBER: P232064

CATALOG NUMBER: FVS4WM-3-LD4-30-2LO-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	19.4	12.9	7.3	3.3	1.2	0.8	0.8	0.8	1.2	3.3	7.3
115°	19.4	12.9	7.2	3.2	1.1	0.8	0.8	0.8	1.1	3.2	7.2
117.5°	19.3	12.9	7.4	3.4	1.5	0.8	0.8	0.8	1.5	3.4	7.4
120°	19.1	13.1	7.7	3.8	1.5	0.8	0.8	0.8	1.5	3.8	7.7
122.5°	19.0	13.0	7.6	3.8	1.7	0.8	0.8	0.8	1.7	3.8	7.6
125°	18.3	12.6	7.5	3.3	1.5	0.8	0.8	0.8	1.5	3.3	7.5
127.5°	18.1	12.1	7.3	3.2	1.5	0.8	0.8	0.8	1.5	3.2	7.3
130°	17.7	11.8	7.2	3.5	1.4	0.8	0.8	0.8	1.4	3.5	7.2
132.5°	17.2	11.9	7.1	4.0	1.3	0.8	0.8	0.8	1.3	4.0	7.1
135°	16.1	11.2	6.5	4.0	1.6	1.2	0.8	1.2	1.6	4.0	6.5
137.5°	15.6	10.6	6.5	3.7	1.5	1.2	0.8	1.2	1.5	3.7	6.5
140°	14.6	9.8	6.5	3.4	1.5	1.1	0.8	1.1	1.5	3.4	6.5
142.5°	13.6	9.3	6.1	2.9	1.5	1.1	0.8	1.1	1.5	2.9	6.1
145°	12.3	9.0	5.9	2.8	1.9	1.4	0.8	1.4	1.9	2.8	5.9
147.5°	11.1	8.1	5.1	2.4	1.8	1.3	0.8	1.3	1.8	2.4	5.1
150°	10.3	7.4	4.6	2.9	2.2	1.5	0.8	1.5	2.2	2.9	4.6
152.5°	9.5	6.6	3.7	2.7	2.1	1.4	0.8	1.4	2.1	2.7	3.7
155°	8.3	5.7	3.8	3.0	2.3	1.5	0.8	1.5	2.3	3.0	3.8
157.5°	7.0	4.5	3.5	2.8	2.1	1.5	0.8	1.5	2.1	2.8	3.5
160°	5.8	4.4	3.7	3.0	2.3	1.5	0.8	1.5	2.3	3.0	3.7
162.5°	4.7	4.0	3.4	2.7	2.1	1.4	0.8	1.4	2.1	2.7	3.4
165°	4.6	4.0	3.4	2.7	2.1	1.4	0.8	1.4	2.1	2.7	3.4
167.5°	4.0	3.5	2.9	2.4	1.9	1.3	0.8	1.3	1.9	2.4	2.9
170°	3.8	3.3	2.8	2.3	1.8	1.3	0.8	1.3	1.8	2.3	2.8
172.5°	3.3	2.9	2.5	2.1	1.6	1.2	0.8	1.2	1.6	2.1	2.5
175°	2.5	2.2	1.9	1.6	1.4	1.1	0.8	1.1	1.4	1.6	1.9
177.5°	1.7	1.6	1.4	1.3	1.1	1.0	0.8	1.0	1.1	1.3	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: P232064

CATALOG NUMBER: FVS4WM-3-LD4-30-2LO-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
2.5°	1.6	1.7	1.9	2.0	2.2	2.3	2.5	2.6	2.8	2.9	3.0
5°	2.2	2.5	2.8	3.0	3.3	3.6	3.8	4.1	4.4	4.6	4.9
7.5°	2.9	3.3	3.7	4.1	4.5	4.9	5.3	5.6	6.0	6.3	6.7
10°	3.3	3.8	4.3	4.8	5.3	5.8	6.4	6.8	8.1	9.3	10.4
12.5°	3.5	4.0	4.6	5.2	5.8	7.0	8.5	9.9	11.4	12.8	14.1
15°	4.0	4.6	5.2	6.3	8.0	9.7	11.4	13.0	14.7	16.4	18.0
17.5°	4.0	4.7	6.2	8.3	10.3	12.3	14.3	16.3	18.2	20.3	22.7
20°	4.4	5.8	8.0	10.3	12.5	14.8	17.0	19.5	22.3	25.1	27.9
22.5°	4.5	7.0	9.5	12.0	14.6	17.1	20.3	23.5	26.6	29.7	32.7
25°	5.7	8.3	10.9	13.4	16.1	19.8	23.4	27.1	30.6	34.0	37.7
27.5°	6.6	9.5	12.3	14.9	19.1	22.9	26.8	30.7	34.6	38.6	42.6
30°	7.4	10.3	13.4	17.5	21.8	25.9	30.0	34.5	39.0	43.3	47.4
32.5°	8.1	11.1	14.8	19.1	23.6	27.9	33.1	38.2	43.0	47.5	52.6
35°	9.0	12.3	16.8	21.3	25.8	31.0	36.0	41.0	46.4	51.8	57.0
37.5°	9.3	13.6	18.4	23.2	28.4	33.9	39.6	44.9	50.2	55.7	61.1
40°	9.8	14.6	19.3	24.7	30.5	36.2	42.1	48.1	54.0	59.8	65.7
42.5°	10.6	15.6	20.9	26.9	32.9	38.9	45.0	51.2	57.4	63.7	69.9
45°	11.2	16.1	22.0	28.5	35.0	41.5	47.9	54.3	60.8	67.4	73.9
47.5°	11.9	17.2	23.3	29.8	36.9	43.9	50.5	57.3	64.1	71.0	77.9
50°	11.8	17.7	24.0	31.1	38.6	45.7	53.0	60.1	67.2	74.5	81.5
52.5°	12.1	18.1	24.8	32.2	39.8	47.2	54.8	62.5	70.3	77.5	84.7
55°	12.6	18.3	25.4	32.7	40.4	48.6	56.8	64.6	72.6	80.4	87.9
57.5°	13.0	19.0	25.9	33.4	41.3	49.7	58.5	66.7	75.1	82.7	90.6
60°	13.1	19.1	26.0	33.5	42.4	51.0	59.6	68.3	76.8	84.4	92.7
62.5°	12.9	19.3	26.6	34.2	42.7	51.3	60.5	69.7	78.6	86.7	94.6
65°	12.9	19.4	26.3	34.2	42.9	51.8	61.6	71.1	80.0	88.4	96.5
67.5°	12.9	19.4	26.5	34.6	43.2	52.8	62.3	72.3	81.1	89.6	97.9
70°	12.5	19.1	26.1	34.3	43.0	53.0	62.9	72.7	81.9	90.7	99.3
72.5°	12.2	18.6	25.5	34.2	43.6	53.2	64.1	73.7	83.0	91.6	100.5
75°	11.8	17.8	25.2	33.6	43.0	53.7	64.4	74.1	83.2	92.3	101.4
77.5°	10.4	16.8	24.6	33.5	43.7	55.0	64.7	74.2	83.4	92.6	101.7
80°	9.5	15.9	24.0	33.2	44.2	54.9	64.6	74.3	83.5	92.5	101.6
82.5°	7.0	14.7	23.5	34.0	44.6	54.2	63.8	73.4	83.0	92.4	101.6
85°	4.1	14.1	23.9	34.4	44.1	53.3	62.9	73.1	82.7	92.2	102.0
87.5°	1.3	14.3	23.8	33.3	42.7	52.9	62.5	72.9	82.4	92.0	102.1
90°	0.0	13.5	23.1	32.7	42.2	53.4	62.1	71.7	81.3	92.4	101.2
92.5°	1.3	14.3	23.8	33.3	42.7	52.9	62.5	72.9	82.4	92.0	102.1
95°	4.1	14.1	23.9	34.4	44.1	53.3	62.9	73.1	82.7	92.2	102.0
97.5°	7.0	14.7	23.5	34.0	44.6	54.2	63.8	73.4	83.0	92.4	101.6
100°	9.5	15.9	24.0	33.2	44.2	54.9	64.6	74.3	83.5	92.5	101.6
102.5°	10.4	16.8	24.6	33.5	43.7	55.0	64.7	74.2	83.4	92.6	101.7
105°	11.8	17.8	25.2	33.6	43.0	53.7	64.4	74.1	83.2	92.3	101.4
107.5°	12.2	18.6	25.5	34.2	43.6	53.2	64.1	73.7	83.0	91.6	100.5
110°	12.5	19.1	26.1	34.3	43.0	53.0	62.9	72.7	81.9	90.7	99.3



TEST NUMBER: P232064

CATALOG NUMBER: FVS4WM-3-LD4-30-2LO-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°	12.9	19.4	26.5	34.6	43.2	52.8	62.3	72.3	81.1	89.6	97.9
115°	12.9	19.4	26.3	34.2	42.9	51.8	61.6	71.1	80.0	88.4	96.5
117.5°	12.9	19.3	26.6	34.2	42.7	51.3	60.5	69.7	78.6	86.7	94.6
120°	13.1	19.1	26.0	33.5	42.4	51.0	59.6	68.3	76.8	84.4	92.7
122.5°	13.0	19.0	25.9	33.4	41.3	49.7	58.5	66.7	75.1	82.7	90.6
125°	12.6	18.3	25.4	32.7	40.4	48.6	56.8	64.6	72.6	80.4	87.9
127.5°	12.1	18.1	24.8	32.2	39.8	47.2	54.8	62.5	70.3	77.5	84.7
130°	11.8	17.7	24.0	31.1	38.6	45.7	53.0	60.1	67.2	74.5	81.5
132.5°	11.9	17.2	23.3	29.8	36.9	43.9	50.5	57.3	64.1	71.0	77.9
135°	11.2	16.1	22.0	28.5	35.0	41.5	47.9	54.3	60.8	67.4	73.9
137.5°	10.6	15.6	20.9	26.9	32.9	38.9	45.0	51.2	57.4	63.7	69.9
140°	9.8	14.6	19.3	24.7	30.5	36.2	42.1	48.1	54.0	59.8	65.7
142.5°	9.3	13.6	18.4	23.2	28.4	33.9	39.6	44.9	50.2	55.7	61.1
145°	9.0	12.3	16.8	21.3	25.8	31.0	36.0	41.0	46.4	51.8	57.0
147.5°	8.1	11.1	14.8	19.1	23.6	27.9	33.1	38.2	43.0	47.5	52.6
150°	7.4	10.3	13.4	17.5	21.8	25.9	30.0	34.5	39.0	43.3	47.4
152.5°	6.6	9.5	12.3	14.9	19.1	22.9	26.8	30.7	34.6	38.6	42.6
155°	5.7	8.3	10.9	13.4	16.1	19.8	23.4	27.1	30.6	34.0	37.7
157.5°	4.5	7.0	9.5	12.0	14.6	17.1	20.3	23.5	26.6	29.7	32.7
160°	4.4	5.8	8.0	10.3	12.5	14.8	17.0	19.5	22.3	25.1	27.9
162.5°	4.0	4.7	6.2	8.3	10.3	12.3	14.3	16.3	18.2	20.3	22.7
165°	4.0	4.6	5.2	6.3	8.0	9.7	11.4	13.0	14.7	16.4	18.0
167.5°	3.5	4.0	4.6	5.2	5.8	7.0	8.5	9.9	11.4	12.8	14.1
170°	3.3	3.8	4.3	4.8	5.3	5.8	6.4	6.8	8.1	9.3	10.4
172.5°	2.9	3.3	3.7	4.1	4.5	4.9	5.3	5.6	6.0	6.3	6.7
175°	2.2	2.5	2.8	3.0	3.3	3.6	3.8	4.1	4.4	4.6	4.9
177.5°	1.6	1.7	1.9	2.0	2.2	2.3	2.5	2.6	2.8	2.9	3.0
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: P232064

CATALOG NUMBER: FVS4WM-3-LD4-30-2LO-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
2.5°	3.2	3.3	3.4	3.6	3.7	3.8	3.9	4.0	4.1	4.2	4.3
5°	5.2	5.4	5.7	5.9	6.1	6.4	6.6	6.8	7.0	7.2	7.4
7.5°	7.0	7.2	8.2	8.9	9.7	10.4	11.1	11.8	12.4	13.0	13.5
10°	11.6	12.6	13.6	14.6	15.5	16.4	17.3	18.1	18.9	19.7	20.4
12.5°	15.5	16.9	18.3	19.6	20.9	22.2	23.6	24.9	26.2	27.3	28.4
15°	19.6	21.4	23.3	25.2	27.1	29.1	30.9	32.8	34.5	35.9	37.2
17.5°	25.1	27.5	29.8	31.9	34.0	36.0	37.9	40.1	42.2	44.3	46.2
20°	30.6	33.3	35.9	38.4	41.2	43.6	46.0	48.3	50.7	52.9	55.1
22.5°	35.8	39.0	42.2	45.3	48.3	51.1	53.8	56.5	59.2	61.9	64.2
25°	41.3	44.8	48.4	51.9	55.3	58.7	61.7	64.6	67.5	70.4	73.1
27.5°	46.5	50.4	54.3	58.3	62.2	65.8	69.4	72.7	75.9	79.0	81.9
30°	51.6	56.0	60.4	64.6	68.9	73.1	76.9	80.4	83.8	87.2	90.5
32.5°	57.2	61.9	66.6	71.0	75.3	79.8	84.1	88.0	91.6	95.2	98.8
35°	62.1	67.2	72.2	77.0	81.7	86.5	91.2	95.5	99.4	103.1	106.8
37.5°	66.9	72.4	77.7	82.8	87.7	92.8	97.7	102.3	106.9	111.0	114.9
40°	71.7	77.7	83.3	88.4	93.8	99.3	104.5	109.0	113.7	118.2	122.3
42.5°	76.2	82.3	88.2	93.9	99.2	105.0	110.6	115.5	120.2	124.9	129.5
45°	80.3	86.7	93.2	99.0	104.9	110.5	116.2	121.8	126.7	131.4	136.2
47.5°	84.6	91.1	97.5	103.6	110.2	116.1	121.7	127.4	132.7	137.6	142.7
50°	88.4	95.3	102.4	108.3	114.3	120.9	127.1	133.1	138.7	143.5	148.6
52.5°	91.6	98.9	105.9	112.8	118.9	125.2	131.6	137.8	143.7	149.3	154.6
55°	95.1	102.5	109.7	116.5	123.2	129.6	136.1	142.4	148.5	154.4	159.9
57.5°	98.0	105.6	113.0	119.9	127.2	133.7	140.3	146.9	153.0	159.1	165.1
60°	100.6	108.1	116.2	123.2	130.3	137.3	144.4	151.2	157.4	163.3	169.2
62.5°	102.9	110.6	118.6	126.4	133.6	140.7	147.6	154.8	161.4	167.5	173.4
65°	104.8	113.0	120.9	128.6	136.5	144.0	151.0	158.0	164.9	171.1	177.4
67.5°	106.7	114.9	123.0	130.8	139.0	147.0	154.2	161.1	168.0	174.6	180.9
70°	108.0	116.4	124.8	133.0	141.4	149.6	156.9	163.8	170.4	176.9	183.3
72.5°	109.3	117.4	126.5	134.7	143.0	150.7	158.4	165.9	172.8	179.2	185.7
75°	110.6	118.8	127.8	136.2	144.4	152.0	159.9	167.5	174.4	181.1	187.9
77.5°	111.0	119.8	128.6	137.2	145.3	153.3	161.4	169.1	176.1	182.8	189.7
80°	110.9	120.1	129.3	137.9	146.0	154.2	162.2	169.7	177.3	184.2	190.9
82.5°	110.8	120.1	129.2	138.4	146.5	155.1	163.0	170.4	178.0	185.2	191.9
85°	110.8	120.0	129.2	138.2	146.8	155.4	163.4	171.3	178.5	185.7	192.8
87.5°	110.9	119.9	129.4	138.2	147.0	155.4	163.7	171.7	178.5	186.0	192.9
90°	110.7	120.3	129.8	138.6	147.4	155.3	164.1	172.1	178.4	186.4	192.8
92.5°	110.9	119.9	129.4	138.2	147.0	155.4	163.7	171.7	178.5	186.0	192.9
95°	110.8	120.0	129.2	138.2	146.8	155.4	163.4	171.3	178.5	185.7	192.8
97.5°	110.8	120.1	129.2	138.4	146.5	155.1	163.0	170.4	178.0	185.2	191.9
100°	110.9	120.1	129.3	137.9	146.0	154.2	162.2	169.7	177.3	184.2	190.9
102.5°	111.0	119.8	128.6	137.2	145.3	153.3	161.4	169.1	176.1	182.8	189.7
105°	110.6	118.8	127.8	136.2	144.4	152.0	159.9	167.5	174.4	181.1	187.9
107.5°	109.3	117.4	126.5	134.7	143.0	150.7	158.4	165.9	172.8	179.2	185.7
110°	108.0	116.4	124.8	133.0	141.4	149.6	156.9	163.8	170.4	176.9	183.3



TEST NUMBER: P232064

CATALOG NUMBER: FVS4WM-3-LD4-30-2LO-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	106.7	114.9	123.0	130.8	139.0	147.0	154.2	161.1	168.0	174.6	180.9
115°	104.8	113.0	120.9	128.6	136.5	144.0	151.0	158.0	164.9	171.1	177.4
117.5°	102.9	110.6	118.6	126.4	133.6	140.7	147.6	154.8	161.4	167.5	173.4
120°	100.6	108.1	116.2	123.2	130.3	137.3	144.4	151.2	157.4	163.3	169.2
122.5°	98.0	105.6	113.0	119.9	127.2	133.7	140.3	146.9	153.0	159.1	165.1
125°	95.1	102.5	109.7	116.5	123.2	129.6	136.1	142.4	148.5	154.4	159.9
127.5°	91.6	98.9	105.9	112.8	118.9	125.2	131.6	137.8	143.7	149.3	154.6
130°	88.4	95.3	102.4	108.3	114.3	120.9	127.1	133.1	138.7	143.5	148.6
132.5°	84.6	91.1	97.5	103.6	110.2	116.1	121.7	127.4	132.7	137.6	142.7
135°	80.3	86.7	93.2	99.0	104.9	110.5	116.2	121.8	126.7	131.4	136.2
137.5°	76.2	82.3	88.2	93.9	99.2	105.0	110.6	115.5	120.2	124.9	129.5
140°	71.7	77.7	83.3	88.4	93.8	99.3	104.5	109.0	113.7	118.2	122.3
142.5°	66.9	72.4	77.7	82.8	87.7	92.8	97.7	102.3	106.9	111.0	114.9
145°	62.1	67.2	72.2	77.0	81.7	86.5	91.2	95.5	99.4	103.1	106.8
147.5°	57.2	61.9	66.6	71.0	75.3	79.8	84.1	88.0	91.6	95.2	98.8
150°	51.6	56.0	60.4	64.6	68.9	73.1	76.9	80.4	83.8	87.2	90.5
152.5°	46.5	50.4	54.3	58.3	62.2	65.8	69.4	72.7	75.9	79.0	81.9
155°	41.3	44.8	48.4	51.9	55.3	58.7	61.7	64.6	67.5	70.4	73.1
157.5°	35.8	39.0	42.2	45.3	48.3	51.1	53.8	56.5	59.2	61.9	64.2
160°	30.6	33.3	35.9	38.4	41.2	43.6	46.0	48.3	50.7	52.9	55.1
162.5°	25.1	27.5	29.8	31.9	34.0	36.0	37.9	40.1	42.2	44.3	46.2
165°	19.6	21.4	23.3	25.2	27.1	29.1	30.9	32.8	34.5	35.9	37.2
167.5°	15.5	16.9	18.3	19.6	20.9	22.2	23.6	24.9	26.2	27.3	28.4
170°	11.6	12.6	13.6	14.6	15.5	16.4	17.3	18.1	18.9	19.7	20.4
172.5°	7.0	7.2	8.2	8.9	9.7	10.4	11.1	11.8	12.4	13.0	13.5
175°	5.2	5.4	5.7	5.9	6.1	6.4	6.6	6.8	7.0	7.2	7.4
177.5°	3.2	3.3	3.4	3.6	3.7	3.8	3.9	4.0	4.1	4.2	4.3
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232064

CATALOG NUMBER: FVS4WM-3-LD4-30-2LO-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
2.5°	4.4	4.4	4.5	4.6	4.6	4.7	4.7	4.8	4.8	4.8	5.2
5°	7.6	7.8	8.0	8.1	8.3	8.4	8.5	8.6	8.7	8.8	9.6
7.5°	14.0	14.5	15.0	15.5	15.9	16.3	16.7	17.0	17.3	17.6	18.6
10°	21.1	21.7	22.3	22.8	23.5	24.2	24.8	25.3	25.9	26.3	27.7
12.5°	29.5	30.5	31.4	32.2	33.0	33.8	34.7	35.4	36.1	36.7	38.4
15°	38.4	39.5	40.7	41.8	42.8	43.7	44.6	45.5	46.3	47.0	49.2
17.5°	47.8	49.2	50.6	52.0	53.2	54.3	55.4	56.4	57.4	58.2	60.8
20°	57.0	58.9	60.7	62.5	63.8	65.1	66.2	67.3	68.4	69.3	72.5
22.5°	66.3	68.4	70.4	72.4	74.1	75.5	76.7	78.0	79.3	80.5	83.7
25°	75.6	78.0	80.2	82.3	84.3	85.9	87.2	88.5	90.2	91.6	94.9
27.5°	84.8	87.4	89.8	92.1	94.1	96.0	97.5	99.0	100.8	102.4	106.3
30°	93.6	96.7	99.3	101.7	103.9	106.0	107.8	109.5	111.4	113.1	117.8
32.5°	102.2	105.5	108.4	111.1	113.5	115.6	117.5	119.3	121.2	123.1	128.1
35°	110.4	113.9	117.1	120.1	122.9	125.2	127.2	129.1	131.1	133.0	138.4
37.5°	118.6	122.1	125.5	128.8	131.8	134.1	136.2	138.1	140.3	142.6	148.1
40°	126.2	129.8	133.6	137.2	140.3	142.9	145.1	147.1	149.5	152.2	157.7
42.5°	133.8	137.5	141.2	145.0	148.2	151.0	153.3	155.6	158.0	160.6	166.6
45°	140.6	144.8	148.7	152.2	155.8	159.1	161.4	164.0	166.5	168.9	175.5
47.5°	147.5	151.7	155.9	159.6	163.1	166.5	168.8	171.4	174.1	176.9	183.8
50°	153.6	158.0	162.5	166.8	170.5	173.8	176.2	178.8	181.7	184.8	192.1
52.5°	159.7	164.1	168.7	173.0	176.9	180.3	183.1	185.7	188.4	191.6	199.1
55°	165.1	170.0	174.6	178.8	182.8	186.6	189.9	192.6	195.1	198.4	206.1
57.5°	170.4	175.4	180.1	184.4	188.5	192.3	195.6	198.2	200.9	204.4	212.3
60°	174.8	180.2	185.3	189.9	194.1	198.0	201.2	203.7	206.8	210.3	218.6
62.5°	179.1	184.6	189.7	194.5	198.8	202.7	206.1	208.8	211.6	215.5	223.9
65°	183.1	188.4	193.8	198.8	203.2	207.2	210.8	213.8	216.3	220.7	229.3
67.5°	186.8	192.1	197.3	202.5	207.1	211.0	214.8	217.7	220.2	224.7	233.4
70°	189.6	195.4	200.6	205.8	210.8	214.8	218.6	221.7	224.1	228.6	237.6
72.5°	192.1	198.1	203.4	208.4	213.6	217.6	221.3	224.4	227.2	231.4	240.5
75°	194.3	200.5	205.9	210.9	216.2	220.2	224.0	227.2	230.3	234.2	243.8
77.5°	196.2	202.1	207.6	212.8	218.1	222.1	226.3	229.1	232.3	236.2	245.7
80°	197.8	203.4	209.0	214.5	220.0	224.0	228.6	231.1	234.3	238.2	247.7
82.5°	198.7	204.5	210.1	215.6	220.8	225.1	229.5	232.2	235.0	239.4	248.5
85°	199.3	205.5	211.1	216.7	221.6	226.2	230.2	233.4	235.8	240.6	249.3
87.5°	199.3	205.5	211.5	216.7	221.9	226.2	230.6	233.8	236.2	241.0	250.1
90°	199.2	205.5	211.9	216.7	222.3	226.2	231.0	234.2	236.6	241.4	250.9
92.5°	199.3	205.5	211.5	216.7	221.9	226.2	230.6	233.8	236.2	241.0	250.1
95°	199.3	205.5	211.1	216.7	221.6	226.2	230.2	233.4	235.8	240.6	249.3
97.5°	198.7	204.5	210.1	215.6	220.8	225.1	229.5	232.2	235.0	239.4	248.5
100°	197.8	203.4	209.0	214.5	220.0	224.0	228.6	231.1	234.3	238.2	247.7
102.5°	196.2	202.1	207.6	212.8	218.1	222.1	226.3	229.1	232.3	236.2	245.7
105°	194.3	200.5	205.9	210.9	216.2	220.2	224.0	227.2	230.3	234.2	243.8
107.5°	192.1	198.1	203.4	208.4	213.6	217.6	221.3	224.4	227.2	231.4	240.5
110°	189.6	195.4	200.6	205.8	210.8	214.8	218.6	221.7	224.1	228.6	237.6





TEST NUMBER: P232064

CATALOG NUMBER: FVS4WM-3-LD4-30-2LO-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°	186.8	192.1	197.3	202.5	207.1	211.0	214.8	217.7	220.2	224.7	233.4
115°	183.1	188.4	193.8	198.8	203.2	207.2	210.8	213.8	216.3	220.7	229.3
117.5°	179.1	184.6	189.7	194.5	198.8	202.7	206.1	208.8	211.6	215.5	223.9
120°	174.8	180.2	185.3	189.9	194.1	198.0	201.2	203.7	206.8	210.3	218.6
122.5°	170.4	175.4	180.1	184.4	188.5	192.3	195.6	198.2	200.9	204.4	212.3
125°	165.1	170.0	174.6	178.8	182.8	186.6	189.9	192.6	195.1	198.4	206.1
127.5°	159.7	164.1	168.7	173.0	176.9	180.3	183.1	185.7	188.4	191.6	199.1
130°	153.6	158.0	162.5	166.8	170.5	173.8	176.2	178.8	181.7	184.8	192.1
132.5°	147.5	151.7	155.9	159.6	163.1	166.5	168.8	171.4	174.1	176.9	183.8
135°	140.6	144.8	148.7	152.2	155.8	159.1	161.4	164.0	166.5	168.9	175.5
137.5°	133.8	137.5	141.2	145.0	148.2	151.0	153.3	155.6	158.0	160.6	166.6
140°	126.2	129.8	133.6	137.2	140.3	142.9	145.1	147.1	149.5	152.2	157.7
142.5°	118.6	122.1	125.5	128.8	131.8	134.1	136.2	138.1	140.3	142.6	148.1
145°	110.4	113.9	117.1	120.1	122.9	125.2	127.2	129.1	131.1	133.0	138.4
147.5°	102.2	105.5	108.4	111.1	113.5	115.6	117.5	119.3	121.2	123.1	128.1
150°	93.6	96.7	99.3	101.7	103.9	106.0	107.8	109.5	111.4	113.1	117.8
152.5°	84.8	87.4	89.8	92.1	94.1	96.0	97.5	99.0	100.8	102.4	106.3
155°	75.6	78.0	80.2	82.3	84.3	85.9	87.2	88.5	90.2	91.6	94.9
157.5°	66.3	68.4	70.4	72.4	74.1	75.5	76.7	78.0	79.3	80.5	83.7
160°	57.0	58.9	60.7	62.5	63.8	65.1	66.2	67.3	68.4	69.3	72.5
162.5°	47.8	49.2	50.6	52.0	53.2	54.3	55.4	56.4	57.4	58.2	60.8
165°	38.4	39.5	40.7	41.8	42.8	43.7	44.6	45.5	46.3	47.0	49.2
167.5°	29.5	30.5	31.4	32.2	33.0	33.8	34.7	35.4	36.1	36.7	38.4
170°	21.1	21.7	22.3	22.8	23.5	24.2	24.8	25.3	25.9	26.3	27.7
172.5°	14.0	14.5	15.0	15.5	15.9	16.3	16.7	17.0	17.3	17.6	18.6
175°	7.6	7.8	8.0	8.1	8.3	8.4	8.5	8.6	8.7	8.8	9.6
177.5°	4.4	4.4	4.5	4.6	4.6	4.7	4.7	4.8	4.8	4.8	5.2
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: P232064

CATALOG NUMBER: FVS4WM-3-LD4-30-2LO-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
2.5°	5.5	5.9	6.3	6.6	6.9	7.2	7.6	7.8	8.1	8.4	8.6
5°	10.3	11.0	11.7	12.4	13.0	13.7	14.3	14.9	15.4	15.9	16.4
7.5°	19.6	20.6	21.5	22.4	23.2	23.9	24.8	26.6	28.4	30.0	31.5
10°	28.9	30.2	31.3	32.4	33.8	36.5	39.2	41.7	44.1	46.3	48.6
12.5°	40.1	41.6	43.1	45.2	48.5	51.7	54.8	57.8	61.3	65.1	68.7
15°	51.3	53.3	55.4	59.3	63.2	66.9	70.7	76.2	81.4	86.2	91.5
17.5°	63.4	65.8	69.6	74.2	78.5	83.3	89.9	96.2	102.3	108.2	113.7
20°	75.5	78.6	83.9	89.1	94.3	101.8	109.0	116.0	123.3	130.1	136.6
22.5°	86.9	91.1	97.3	103.3	111.3	119.8	128.0	136.5	144.7	152.8	161.7
25°	98.0	103.7	110.7	118.3	128.4	138.1	147.7	157.0	166.6	177.2	187.2
27.5°	110.1	117.2	124.9	134.5	145.1	155.9	166.7	177.4	189.9	201.9	212.5
30°	122.3	130.8	139.3	150.0	161.5	173.3	185.3	198.7	212.0	224.2	235.7
32.5°	133.6	142.7	152.5	164.4	177.0	190.6	204.6	219.1	233.0	245.9	259.3
35°	144.8	154.3	165.6	178.6	193.0	208.5	223.1	238.3	253.4	268.1	283.3
37.5°	155.3	165.9	178.8	192.6	208.4	224.4	240.9	257.7	275.6	290.4	306.1
40°	165.9	177.6	191.8	206.8	222.9	240.8	258.8	276.8	294.3	311.1	328.4
42.5°	175.8	188.1	203.3	219.6	236.9	256.6	276.2	295.6	313.4	331.6	349.8
45°	185.6	198.7	214.4	232.1	251.1	271.2	292.6	312.9	331.7	351.1	370.2
47.5°	194.9	209.0	224.8	244.1	264.6	286.0	308.8	329.7	349.6	370.8	389.5
50°	204.2	219.1	235.3	255.8	278.0	300.5	322.8	344.4	366.0	387.1	408.1
52.5°	211.6	227.1	245.0	266.6	290.2	313.6	336.4	359.1	382.0	403.7	425.0
55°	218.8	235.0	254.4	277.2	301.3	326.2	350.0	373.1	396.2	419.2	441.7
57.5°	225.7	242.6	263.2	286.8	311.2	337.9	362.5	386.2	410.1	434.4	458.6
60°	232.5	250.2	271.6	295.5	320.7	348.4	373.5	398.7	424.0	448.4	471.2
62.5°	238.1	257.2	279.4	303.9	330.3	357.8	383.9	410.7	437.1	460.8	483.9
65°	243.6	264.2	286.8	312.3	339.5	366.7	393.6	420.1	447.1	472.1	495.7
67.5°	248.2	269.4	292.9	319.5	347.1	374.7	402.2	429.2	456.5	483.0	505.9
70°	252.8	274.2	298.8	326.2	353.8	381.9	410.3	438.0	464.9	491.2	516.4
72.5°	256.4	278.2	303.1	331.1	359.8	388.4	417.2	445.6	472.4	499.5	526.2
75°	260.0	281.9	306.9	335.3	365.5	394.2	422.6	452.0	479.5	506.2	532.4
77.5°	262.8	285.0	310.4	339.4	369.3	398.4	427.5	457.3	484.9	511.5	538.1
80°	266.1	288.1	313.7	343.1	372.3	401.9	432.0	461.3	488.4	515.9	542.7
82.5°	266.9	290.0	317.0	345.2	374.7	404.0	435.2	463.7	491.4	519.2	546.1
85°	267.7	290.8	318.6	347.3	377.5	406.3	438.7	466.0	494.1	521.3	548.2
87.5°	268.1	290.4	317.8	347.3	378.4	407.1	438.5	466.7	495.1	523.6	549.7
90°	268.5	290.0	317.0	347.3	379.2	407.9	438.1	467.6	494.7	525.0	549.7
92.5°	268.1	290.4	317.8	347.3	378.4	407.1	438.5	466.7	495.1	523.6	549.7
95°	267.7	290.8	318.6	347.3	377.5	406.3	438.7	466.0	494.1	521.3	548.2
97.5°	266.9	290.0	317.0	345.2	374.7	404.0	435.2	463.7	491.4	519.2	546.1
100°	266.1	288.1	313.7	343.1	372.3	401.9	432.0	461.3	488.4	515.9	542.7
102.5°	262.8	285.0	310.4	339.4	369.3	398.4	427.5	457.3	484.9	511.5	538.1
105°	260.0	281.9	306.9	335.3	365.5	394.2	422.6	452.0	479.5	506.2	532.4
107.5°	256.4	278.2	303.1	331.1	359.8	388.4	417.2	445.6	472.4	499.5	526.2
110°	252.8	274.2	298.8	326.2	353.8	381.9	410.3	438.0	464.9	491.2	516.4



TEST NUMBER: P232064

CATALOG NUMBER: FVS4WM-3-LD4-30-2LO-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	248.2	269.4	292.9	319.5	347.1	374.7	402.2	429.2	456.5	483.0	505.9
115°	243.6	264.2	286.8	312.3	339.5	366.7	393.6	420.1	447.1	472.1	495.7
117.5°	238.1	257.2	279.4	303.9	330.3	357.8	383.9	410.7	437.1	460.8	483.9
120°	232.5	250.2	271.6	295.5	320.7	348.4	373.5	398.7	424.0	448.4	471.2
122.5°	225.7	242.6	263.2	286.8	311.2	337.9	362.5	386.2	410.1	434.4	458.6
125°	218.8	235.0	254.4	277.2	301.3	326.2	350.0	373.1	396.2	419.2	441.7
127.5°	211.6	227.1	245.0	266.6	290.2	313.6	336.4	359.1	382.0	403.7	425.0
130°	204.2	219.1	235.3	255.8	278.0	300.5	322.8	344.4	366.0	387.1	408.1
132.5°	194.9	209.0	224.8	244.1	264.6	286.0	308.8	329.7	349.6	370.8	389.5
135°	185.6	198.7	214.4	232.1	251.1	271.2	292.6	312.9	331.7	351.1	370.2
137.5°	175.8	188.1	203.3	219.6	236.9	256.6	276.2	295.6	313.4	331.6	349.8
140°	165.9	177.6	191.8	206.8	222.9	240.8	258.8	276.8	294.3	311.1	328.4
142.5°	155.3	165.9	178.8	192.6	208.4	224.4	240.9	257.7	275.6	290.4	306.1
145°	144.8	154.3	165.6	178.6	193.0	208.5	223.1	238.3	253.4	268.1	283.3
147.5°	133.6	142.7	152.5	164.4	177.0	190.6	204.6	219.1	233.0	245.9	259.3
150°	122.3	130.8	139.3	150.0	161.5	173.3	185.3	198.7	212.0	224.2	235.7
152.5°	110.1	117.2	124.9	134.5	145.1	155.9	166.7	177.4	189.9	201.9	212.5
155°	98.0	103.7	110.7	118.3	128.4	138.1	147.7	157.0	166.6	177.2	187.2
157.5°	86.9	91.1	97.3	103.3	111.3	119.8	128.0	136.5	144.7	152.8	161.7
160°	75.5	78.6	83.9	89.1	94.3	101.8	109.0	116.0	123.3	130.1	136.6
162.5°	63.4	65.8	69.6	74.2	78.5	83.3	89.9	96.2	102.3	108.2	113.7
165°	51.3	53.3	55.4	59.3	63.2	66.9	70.7	76.2	81.4	86.2	91.5
167.5°	40.1	41.6	43.1	45.2	48.5	51.7	54.8	57.8	61.3	65.1	68.7
170°	28.9	30.2	31.3	32.4	33.8	36.5	39.2	41.7	44.1	46.3	48.6
172.5°	19.6	20.6	21.5	22.4	23.2	23.9	24.8	26.6	28.4	30.0	31.5
175°	10.3	11.0	11.7	12.4	13.0	13.7	14.3	14.9	15.4	15.9	16.4
177.5°	5.5	5.9	6.3	6.6	6.9	7.2	7.6	7.8	8.1	8.4	8.6
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: P232064

CATALOG NUMBER: FVS4WM-3-LD4-30-2LO-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
2.5°	8.9	9.1	9.3	9.5	9.7	9.8	10.0	10.1	10.2	10.3	10.3
5°	17.6	18.7	19.7	20.7	21.7	22.6	23.4	24.2	24.9	25.6	26.2
7.5°	32.9	34.3	35.5	36.5	37.7	39.3	40.4	42.3	44.0	45.5	46.9
10°	51.2	53.9	56.4	58.8	61.1	63.2	65.1	67.1	69.3	71.1	72.8
12.5°	72.0	75.1	78.1	82.1	85.8	89.3	92.5	95.4	98.1	100.7	103.2
15°	95.5	100.1	104.5	108.7	112.9	117.3	121.3	125.1	128.8	132.2	135.4
17.5°	118.9	124.7	130.1	136.1	141.6	146.7	151.8	156.7	161.1	165.1	168.8
20°	143.8	151.1	158.0	164.7	171.4	178.0	184.1	189.7	194.6	199.1	203.2
22.5°	170.2	178.5	187.2	195.3	203.2	209.5	215.7	221.4	227.2	232.5	236.9
25°	197.0	206.9	217.9	224.9	232.5	239.8	247.3	254.4	261.1	266.8	271.2
27.5°	222.8	233.4	243.7	253.2	262.2	270.8	280.4	286.3	292.8	298.5	303.7
30°	247.8	260.3	272.0	282.5	292.5	301.2	309.4	317.2	324.4	331.1	338.0
32.5°	273.3	286.6	298.9	310.6	320.5	329.6	339.0	347.7	355.7	362.6	369.5
35°	297.9	311.7	325.0	337.5	348.6	358.6	368.6	377.9	386.5	394.1	400.4
37.5°	321.7	336.6	351.3	364.6	375.4	386.6	397.8	407.7	416.3	425.4	430.8
40°	345.3	360.8	375.5	388.6	401.5	414.9	426.3	436.0	445.0	452.9	460.2
42.5°	367.1	383.5	398.6	412.8	427.0	440.0	451.8	462.7	473.4	481.1	489.6
45°	388.6	405.3	421.5	437.0	451.0	464.4	476.9	488.5	498.8	507.9	515.9
47.5°	408.4	426.2	443.8	459.9	473.8	487.7	501.1	514.0	524.5	533.4	541.6
50°	427.7	446.3	464.2	480.4	495.4	510.0	523.6	536.5	548.9	557.7	566.2
52.5°	445.8	465.2	483.4	500.5	516.5	531.1	545.1	559.1	569.6	579.9	589.5
55°	463.1	482.9	501.8	518.6	535.5	552.0	566.4	579.0	590.5	601.3	610.4
57.5°	477.9	498.7	518.1	536.9	554.4	570.2	585.0	598.5	610.1	621.0	631.0
60°	491.8	515.4	534.7	553.3	571.0	587.1	602.2	616.0	628.3	640.0	650.4
62.5°	506.6	529.1	549.2	568.6	586.5	602.8	618.2	632.7	645.2	656.9	667.6
65°	519.2	541.8	562.5	582.0	600.5	617.3	633.1	647.7	660.6	672.4	683.7
67.5°	529.6	553.6	574.4	594.4	613.3	630.7	646.7	661.2	674.7	686.8	698.0
70°	539.9	564.3	585.0	606.2	625.2	642.7	658.5	673.1	687.0	699.4	711.2
72.5°	549.2	572.2	594.5	615.8	634.9	654.1	669.8	684.4	698.6	711.3	723.1
75°	556.3	579.6	602.5	623.6	642.8	661.5	678.0	694.0	708.9	721.3	732.9
77.5°	562.3	586.1	608.6	630.0	650.0	668.1	685.3	701.4	715.5	729.2	741.5
80°	567.0	591.1	613.4	635.1	655.5	673.7	691.0	707.0	721.8	735.6	748.0
82.5°	570.8	594.9	617.4	638.6	659.7	678.1	694.8	711.4	726.3	740.0	752.8
85°	573.4	596.8	620.1	641.1	661.4	680.3	697.4	714.0	728.6	743.0	755.2
87.5°	574.8	598.8	622.4	643.2	663.3	681.9	699.6	715.7	729.8	744.7	756.7
90°	574.4	599.8	622.9	643.7	664.4	681.9	700.2	716.9	730.5	744.0	756.0
92.5°	574.8	598.8	622.4	643.2	663.3	681.9	699.6	715.7	729.8	744.7	756.7
95°	573.4	596.8	620.1	641.1	661.4	680.3	697.4	714.0	728.6	743.0	755.2
97.5°	570.8	594.9	617.4	638.6	659.7	678.1	694.8	711.4	726.3	740.0	752.8
100°	567.0	591.1	613.4	635.1	655.5	673.7	691.0	707.0	721.8	735.6	748.0
102.5°	562.3	586.1	608.6	630.0	650.0	668.1	685.3	701.4	715.5	729.2	741.5
105°	556.3	579.6	602.5	623.6	642.8	661.5	678.0	694.0	708.9	721.3	732.9
107.5°	549.2	572.2	594.5	615.8	634.9	654.1	669.8	684.4	698.6	711.3	723.1
110°	539.9	564.3	585.0	606.2	625.2	642.7	658.5	673.1	687.0	699.4	711.2



TEST NUMBER: P232064

CATALOG NUMBER: FVS4WM-3-LD4-30-2LO-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°	529.6	553.6	574.4	594.4	613.3	630.7	646.7	661.2	674.7	686.8	698.0
115°	519.2	541.8	562.5	582.0	600.5	617.3	633.1	647.7	660.6	672.4	683.7
117.5°	506.6	529.1	549.2	568.6	586.5	602.8	618.2	632.7	645.2	656.9	667.6
120°	491.8	515.4	534.7	553.3	571.0	587.1	602.2	616.0	628.3	640.0	650.4
122.5°	477.9	498.7	518.1	536.9	554.4	570.2	585.0	598.5	610.1	621.0	631.0
125°	463.1	482.9	501.8	518.6	535.5	552.0	566.4	579.0	590.5	601.3	610.4
127.5°	445.8	465.2	483.4	500.5	516.5	531.0	545.1	559.1	569.6	579.9	589.5
130°	427.7	446.3	464.2	480.4	495.4	510.0	523.6	536.5	548.9	557.7	566.2
132.5°	408.4	426.2	443.8	459.9	473.8	487.7	501.1	514.0	524.5	533.4	541.6
135°	388.6	405.3	421.5	437.0	451.0	464.4	476.9	488.5	498.8	507.9	515.9
137.5°	367.1	383.5	398.6	412.8	427.0	440.0	451.8	462.7	473.4	481.1	489.6
140°	345.3	360.8	375.5	388.6	401.5	414.9	426.3	436.0	445.0	452.9	460.2
142.5°	321.7	336.6	351.3	364.6	375.4	386.6	397.8	407.7	416.3	425.4	430.8
145°	297.9	311.7	325.0	337.5	348.6	358.6	368.6	377.9	386.5	394.1	400.4
147.5°	273.3	286.6	298.9	310.6	320.5	329.6	339.0	347.7	355.7	362.6	369.5
150°	247.8	260.3	272.0	282.5	292.5	301.2	309.4	317.2	324.4	331.1	338.0
152.5°	222.8	233.4	243.7	253.2	262.2	270.8	280.4	286.3	292.8	298.5	303.7
155°	197.0	206.9	217.9	224.9	232.5	239.8	247.3	254.4	261.1	266.8	271.2
157.5°	170.2	178.5	187.2	195.3	203.2	209.5	215.7	221.4	227.2	232.5	236.9
160°	143.8	151.1	158.0	164.7	171.4	178.0	184.1	189.7	194.6	199.1	203.2
162.5°	118.9	124.7	130.1	136.1	141.6	146.7	151.8	156.7	161.1	165.1	168.8
165°	95.5	100.1	104.5	108.7	112.9	117.3	121.3	125.1	128.8	132.2	135.4
167.5°	72.0	75.1	78.1	82.1	85.8	89.3	92.5	95.4	98.1	100.7	103.2
170°	51.2	53.9	56.4	58.8	61.1	63.2	65.1	67.1	69.3	71.1	72.8
172.5°	32.9	34.3	35.5	36.5	37.7	39.3	40.4	42.3	44.0	45.5	46.9
175°	17.6	18.7	19.7	20.7	21.7	22.6	23.4	24.2	24.9	25.6	26.2
177.5°	8.9	9.1	9.3	9.5	9.7	9.8	10.0	10.1	10.2	10.3	10.3
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: P232064

CATALOG NUMBER: FVS4WM-3-LD4-30-2LO-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
2.5°	10.4	10.4	10.4	10.4	10.4	10.4	10.6	10.5	10.3	10.1	9.9
5°	26.7	27.2	27.6	27.9	28.2	28.4	28.5	28.6	29.2	28.8	28.5
7.5°	48.1	49.2	50.1	50.9	51.5	51.9	52.2	52.4	52.4	52.9	52.2
10°	74.1	76.0	77.6	79.0	80.2	81.3	82.1	82.6	83.0	84.2	83.5
12.5°	105.5	107.4	109.2	110.8	112.6	114.1	115.2	115.9	116.4	116.4	116.8
15°	138.4	140.9	142.9	144.5	145.6	147.0	148.4	149.4	150.1	150.4	151.1
17.5°	172.2	175.1	177.6	179.6	181.1	182.2	183.3	184.5	185.1	185.2	185.7
20°	206.9	210.0	212.7	215.0	217.1	218.8	220.0	221.2	221.9	222.1	222.8
22.5°	240.4	243.0	245.7	249.5	252.3	254.1	255.1	255.2	256.2	256.9	258.3
25°	275.4	279.6	283.5	286.3	288.2	289.6	290.4	290.7	290.9	291.5	291.5
27.5°	308.8	313.5	317.2	320.0	321.6	323.8	325.1	325.7	325.7	326.6	327.1
30°	342.5	346.9	350.7	353.7	355.8	357.3	358.9	359.6	359.4	359.4	359.4
32.5°	375.1	379.7	383.4	386.9	389.1	390.2	391.0	392.0	392.4	392.3	392.3
35°	406.0	411.0	415.0	417.9	420.1	421.6	422.2	423.1	423.1	422.0	422.4
37.5°	436.6	441.8	446.1	449.5	451.9	453.4	453.9	453.9	453.6	452.3	452.0
40°	467.0	472.8	477.0	480.1	482.2	483.6	484.1	483.4	483.0	482.2	481.4
42.5°	496.3	501.5	505.8	508.8	511.2	512.9	513.0	512.1	511.1	509.9	508.1
45°	522.8	528.4	532.8	536.2	538.9	541.3	540.1	539.2	537.7	536.9	535.3
47.5°	549.1	554.5	559.2	563.0	565.2	565.9	565.7	565.3	563.8	562.6	560.8
50°	573.0	579.1	585.3	589.2	591.3	592.6	592.9	591.6	589.4	587.2	585.9
52.5°	596.8	605.2	610.6	614.0	616.1	617.0	617.3	616.1	613.9	611.6	610.4
55°	618.1	626.3	632.1	635.5	637.9	639.7	640.3	639.0	636.9	634.3	633.0
57.5°	639.9	647.0	652.1	656.9	661.0	662.2	662.7	661.5	658.6	655.8	653.9
60°	659.0	666.0	672.6	677.8	681.6	683.3	683.7	682.9	680.0	676.7	673.9
62.5°	676.3	684.6	691.6	697.1	700.8	701.9	703.0	702.4	699.6	696.0	692.8
65°	692.9	701.2	708.6	713.7	718.3	720.4	720.7	720.0	717.7	713.4	710.6
67.5°	708.5	716.8	723.7	729.0	733.6	736.3	737.0	736.3	734.1	730.0	726.2
70°	721.0	729.9	737.2	743.0	747.5	750.9	751.8	751.1	749.5	745.3	740.3
72.5°	733.0	742.2	750.1	755.0	759.4	762.6	764.2	764.0	762.4	758.5	753.5
75°	743.4	752.5	759.9	765.5	770.0	772.5	773.9	774.8	773.3	770.2	765.1
77.5°	752.1	761.1	767.9	773.8	778.0	780.8	782.3	783.2	782.5	780.5	775.1
80°	758.8	767.9	774.9	781.2	785.2	787.6	789.0	789.4	788.8	787.8	783.7
82.5°	763.7	772.3	779.9	785.9	790.0	792.4	793.8	794.0	793.2	791.6	790.6
85°	766.2	775.1	782.9	788.3	792.5	795.1	796.5	796.8	795.8	794.4	792.8
87.5°	767.9	776.3	783.7	788.6	792.7	795.4	796.4	796.8	795.9	794.3	792.6
90°	767.9	775.9	783.1	788.6	791.8	794.2	795.0	795.0	793.4	790.2	787.0
92.5°	767.9	776.3	783.7	788.6	792.7	795.4	796.4	796.8	795.9	794.3	792.6
95°	766.2	775.1	782.9	788.3	792.5	795.1	796.5	796.8	795.8	794.4	792.8
97.5°	763.7	772.3	779.9	785.9	790.0	792.4	793.8	794.0	793.2	791.6	790.6
100°	758.8	767.9	774.9	781.2	785.2	787.6	789.0	789.4	788.8	787.8	783.7
102.5°	752.1	761.1	767.9	773.8	778.0	780.8	782.3	783.2	782.5	780.5	775.1
105°	743.4	752.5	759.9	765.5	770.0	772.5	773.9	774.8	773.3	770.2	765.1
107.5°	733.0	742.2	750.1	755.0	759.4	762.6	764.2	764.0	762.4	758.5	753.5
110°	721.0	729.9	737.2	743.0	747.5	750.9	751.8	751.1	749.5	745.3	740.3



TEST NUMBER: P232064

CATALOG NUMBER: FVS4WM-3-LD4-30-2LO-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	708.5	716.8	723.7	729.0	733.6	736.3	737.0	736.3	734.1	730.0	726.2
115°	692.9	701.2	708.6	713.7	718.3	720.4	720.7	720.0	717.7	713.4	710.6
117.5°	676.3	684.6	691.6	697.1	700.8	701.9	703.0	702.4	699.6	696.0	692.8
120°	659.0	666.0	672.6	677.8	681.6	683.3	683.7	682.9	680.0	676.7	673.9
122.5°	639.9	647.0	652.1	656.9	661.0	662.2	662.7	661.5	658.6	655.8	653.9
125°	618.1	626.3	632.1	635.5	637.9	639.7	640.3	639.0	636.9	634.3	633.0
127.5°	596.8	605.2	610.6	614.0	616.1	617.0	617.3	616.1	613.9	611.6	610.4
130°	573.0	579.1	585.3	589.2	591.3	592.6	592.9	591.6	589.4	587.2	585.9
132.5°	549.1	554.5	559.2	563.0	565.2	565.9	565.7	565.3	563.8	562.6	560.8
135°	522.8	528.4	532.8	536.2	538.9	541.3	540.1	539.2	537.7	536.9	535.3
137.5°	496.3	501.5	505.8	508.8	511.2	512.9	513.0	512.1	511.1	509.9	508.1
140°	467.0	472.8	477.0	480.1	482.2	483.6	484.1	483.4	483.0	482.2	481.4
142.5°	436.6	441.8	446.1	449.5	451.9	453.4	453.9	453.9	453.6	452.3	452.0
145°	406.0	411.0	415.0	417.9	420.1	421.6	422.2	423.1	423.1	422.0	422.4
147.5°	375.1	379.7	383.4	386.9	389.1	390.2	391.0	392.0	392.4	392.3	392.3
150°	342.5	346.9	350.7	353.7	355.8	357.3	358.9	359.6	359.4	359.4	359.4
152.5°	308.8	313.5	317.2	320.0	321.6	323.8	325.1	325.7	325.7	326.6	327.1
155°	275.4	279.6	283.5	286.3	288.2	289.6	290.4	290.7	290.9	291.5	291.5
157.5°	240.4	243.0	245.7	249.5	252.3	254.1	255.1	255.2	256.2	256.9	258.3
160°	206.9	210.0	212.7	215.0	217.1	218.8	220.0	221.2	221.9	222.1	222.8
162.5°	172.2	175.1	177.6	179.6	181.1	182.2	183.3	184.5	185.1	185.2	185.7
165°	138.4	140.9	142.9	144.5	145.6	147.0	148.4	149.4	150.1	150.4	151.1
167.5°	105.5	107.4	109.2	110.8	112.6	114.1	115.2	115.9	116.4	116.4	116.8
170°	74.1	76.0	77.6	79.0	80.2	81.3	82.1	82.6	83.0	84.2	83.5
172.5°	48.1	49.2	50.1	50.9	51.5	51.9	52.2	52.4	52.4	52.9	52.2
175°	26.7	27.2	27.6	27.9	28.2	28.4	28.5	28.6	29.2	28.8	28.5
177.5°	10.4	10.4	10.4	10.4	10.4	10.4	10.6	10.5	10.3	10.1	9.9
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: P232064

CATALOG NUMBER: FVS4WM-3-LD4-30-2LO-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
0°	0.8	0.8
2.5°	9.8	9.6
5°	28.2	27.9
7.5°	51.6	51.0
10°	82.8	82.1
12.5°	115.8	114.7
15°	150.1	149.0
17.5°	184.0	182.4
20°	221.0	219.1
22.5°	257.0	255.7
25°	291.0	289.2
27.5°	327.3	325.8
30°	358.9	356.9
32.5°	391.8	389.5
35°	422.8	421.4
37.5°	452.4	450.9
40°	481.6	479.6
42.5°	508.0	505.8
45°	535.7	533.7
47.5°	561.7	560.8
50°	585.5	583.1
52.5°	610.2	608.6
55°	632.8	631.7
57.5°	653.8	653.2
60°	673.7	672.3
62.5°	691.4	692.2
65°	709.9	709.8
67.5°	725.2	725.7
70°	738.7	740.0
72.5°	751.9	752.8
75°	762.4	764.7
77.5°	771.4	775.1
80°	779.6	782.3
82.5°	786.2	788.6
85°	792.4	792.6
87.5°	793.4	795.8
90°	784.7	791.8
92.5°	793.4	795.8
95°	792.4	792.6
97.5°	786.2	788.6
100°	779.6	782.3
102.5°	771.4	775.1
105°	762.4	764.7
107.5°	751.9	752.8
110°	738.7	740.0





TEST NUMBER: P232064

CATALOG NUMBER: FVS4WM-3-LD4-30-2LO-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
112.5°	725.2	725.7
115°	709.9	709.8
117.5°	691.4	692.2
120°	673.7	672.3
122.5°	653.8	653.2
125°	632.8	631.7
127.5°	610.2	608.6
130°	585.5	583.1
132.5°	561.7	560.8
135°	535.7	533.7
137.5°	508.0	505.8
140°	481.6	479.6
142.5°	452.4	450.9
145°	422.8	421.4
147.5°	391.8	389.5
150°	358.9	356.9
152.5°	327.3	325.8
155°	291.0	289.2
157.5°	257.0	255.7
160°	221.0	219.1
162.5°	184.0	182.4
165°	150.1	149.0
167.5°	115.8	114.7
170°	82.8	82.1
172.5°	51.6	51.0
175°	28.2	27.9
177.5°	9.8	9.6
180°	0.0	0.0

(END OF REPORT)