

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: P231964

Luminaire Tested: **FVS4WM-4-LD4-30-1HI-PFS125-UNV-EDC1**

Issue Date: 3/3/2020



**Test Information**

Test Method: LM-79-08  
Report Number: P231964  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1706-121-14)  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: FAIL-SAFE  
Catalog Number: FVS4WM-4-LD4-30-1HI-PFS125-UNV-EDC1  
Description: FAILSAFE FVS LED FIXTURE  
4FT LENGTH, 1-MODULE LED WITH PFS125 LENS  
Light Source: (84) 3000K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

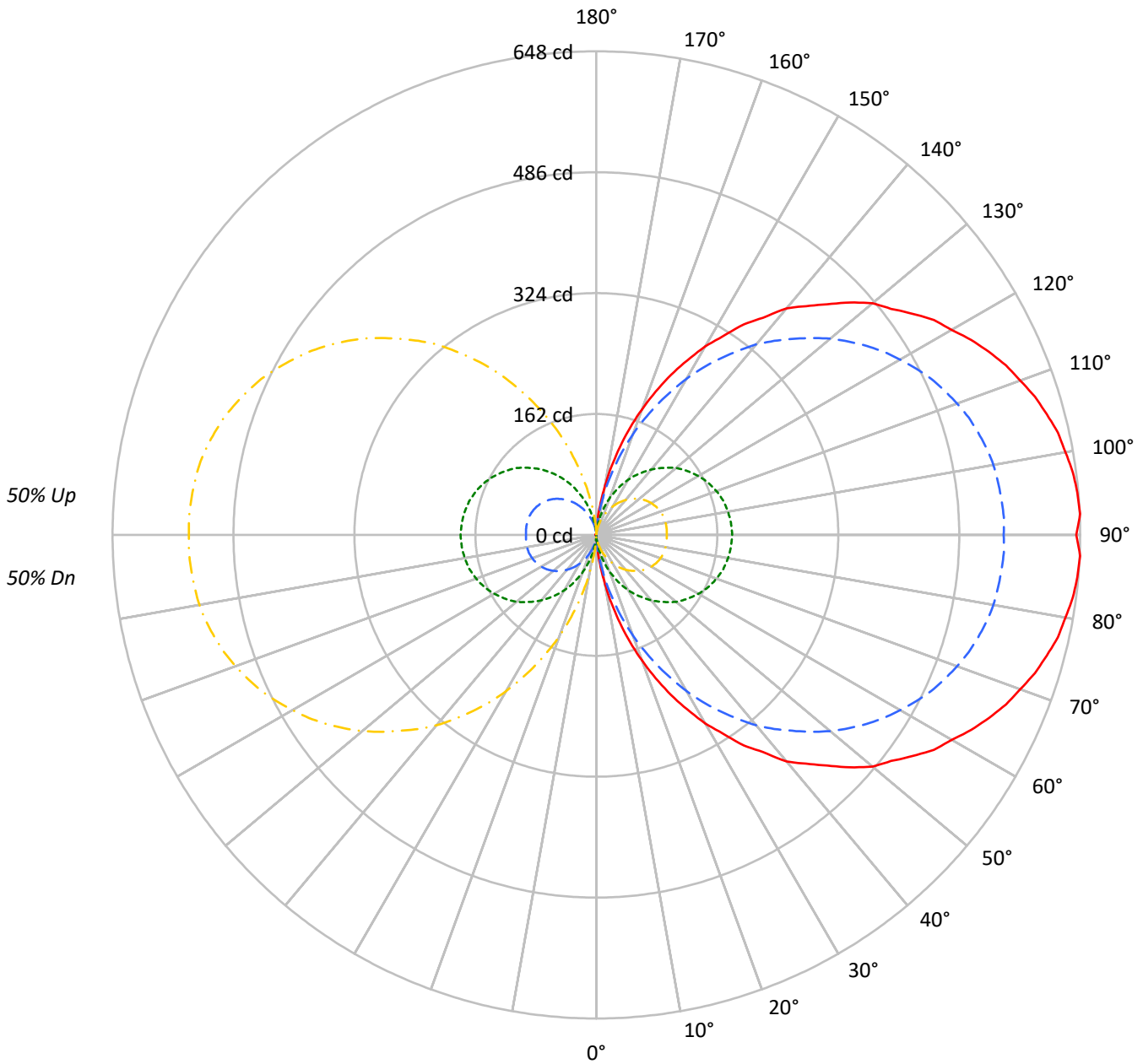
Lumens per Lamp: N/A  
Luminaire Lumens: 2811.1 lumens  
Efficiency: N/A  
Efficacy: 63.2 lumens/watt  
Spacing Criteria (0/90/45): 17.15 / 14.06 / 15.38  
Luminous Opening: Rectangular w/ Sides (W: 3.79' x L: 0.19' x H: 0.31')  
CIE Type: General Diffuse

Input Watts (W): 44.5  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT

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### Luminous Intensity Polar Plot



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



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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

RF	20				20				20				20				20	
RC	80				70				50				30				10	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	107	107	107	107	99	99	99	99	83	83	83	69	69	69	56	56	56	50
1	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°	15	15	15	15
5°	293	101	0	101
10°	789	291	0	291
15°	1324	546	0	546
20°	1795	828	0	828
25°	2225	1115	0	1115
30°	2597	1429	0	1429
35°	2938	1749	0	1749
40°	3266	2117	0	2117
45°	3507	2512	0	2512
50°	3810	2992	0	2992
55°	4035	3521	0	3521
60°	4280	4181	8	4181
65°	4544	5039	8	5039
70°	4795	6183	8	6183
75°	5060	7878	8	7878
80°	5321	10636	0	10636
85°	5602	16182	0	16182



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	1.6	0.1
10°-20°	15.7	0.6
20°-30°	49.1	1.7
30°-40°	97.8	3.5
40°-50°	154.4	5.5
50°-60°	211.4	7.5
60°-70°	261.5	9.3
70°-80°	298.0	10.6
80°-90°	316.0	11.2
90°-100°	316.0	11.2
100°-110°	298.0	10.6
110°-120°	261.5	9.3
120°-130°	211.4	7.5
130°-140°	154.4	5.5
140°-150°	97.8	3.5
150°-160°	49.1	1.7
160°-170°	15.7	0.6
170°-180°	1.6	0.1
0°-30°	66.4	2.4
0°-40°	164.1	5.8
0°-60°	530.0	18.9
0°-90°	1405.5	50.0
90°-120°	875.5	31.1
90°-150°	1339.2	47.6
90°-180°	1406.0	50.0
0°-180°	2811.1	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	1	1	1	1	1	
5°	22	7	0	7	22	4
15°	122	36	0	36	122	36
25°	237	69	0	69	237	111
35°	344	100	0	100	344	217
45°	437	127	0	127	437	340
55°	517	149	0	149	517	464
65°	580	166	1	166	580	575
75°	624	176	1	176	624	660
85°	647	181	0	181	647	527
90°	643	182	0	182	643	354
95°	647	181	0	181	647	527
105°	624	176	1	176	624	660
115°	580	166	1	166	580	575
125°	517	149	0	149	517	464
135°	437	127	0	127	437	340
145°	344	100	0	100	344	217
155°	237	69	0	69	237	111
165°	122	36	0	36	122	36
175°	22	7	0	7	22	4
180°	1	1	1	1	1	



TEST NUMBER: P231964

CATALOG NUMBER: FVS4WM-4-LD4-30-1HI-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (FULL):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
2.5°	6.7	6.8	7.0	7.1	7.3	7.4	7.6	7.5	7.5	7.6	7.6
5°	22.1	22.4	22.6	22.9	23.1	22.6	22.6	22.4	22.3	22.0	21.7
7.5°	43.3	43.6	43.9	44.2	43.6	43.4	43.0	42.6	42.0	41.3	40.5
10°	66.4	66.9	67.4	67.9	67.0	66.7	66.2	65.5	64.6	63.5	62.3
12.5°	94.3	94.8	95.4	94.7	94.3	93.6	92.7	91.6	90.2	88.6	87.3
15°	122.2	123.0	123.8	123.0	122.6	121.9	120.8	119.4	117.9	116.8	115.4
17.5°	151.1	152.0	152.9	152.0	151.5	150.6	149.3	148.2	147.1	145.6	143.7
20°	179.0	179.9	180.7	179.7	179.0	178.0	177.0	176.3	175.1	173.5	171.5
22.5°	207.8	208.8	209.8	208.4	207.6	206.4	206.1	205.1	203.5	201.4	198.6
25°	236.7	237.8	237.8	237.4	236.5	235.9	235.3	234.2	232.6	230.7	228.5
27.5°	263.6	264.9	264.9	264.7	264.0	264.1	263.5	262.3	260.1	258.1	255.4
30°	291.5	292.6	292.4	291.8	291.6	291.6	291.0	289.9	288.5	286.8	283.7
32.5°	315.6	316.8	316.7	316.3	317.1	317.6	317.2	316.3	314.6	312.2	309.3
35°	344.5	344.8	343.5	342.3	343.0	343.1	342.7	342.2	340.8	338.3	335.4
37.5°	366.6	368.1	368.0	367.8	367.7	367.1	367.4	367.5	366.6	364.1	360.9
40°	396.4	394.8	391.5	391.0	391.5	391.1	391.4	391.2	390.2	388.0	384.8
42.5°	415.7	415.2	413.0	413.6	414.1	414.9	415.4	414.9	413.9	411.8	408.6
45°	436.8	436.8	434.9	436.6	437.3	438.0	438.4	438.6	436.3	434.4	431.0
47.5°	460.9	458.8	455.7	457.2	458.3	459.4	459.6	458.7	457.2	455.9	452.8
50°	483.0	480.1	477.1	477.9	479.0	479.7	480.1	479.8	478.7	475.8	472.3
52.5°	497.5	496.8	496.1	497.3	499.1	500.3	500.8	500.4	498.8	495.7	491.7
55°	516.7	516.7	515.9	516.4	518.0	519.2	519.8	519.4	517.6	513.9	509.8
57.5°	535.9	533.7	533.0	533.9	535.4	537.2	538.0	537.1	535.2	530.6	526.0
60°	549.4	550.3	550.0	550.9	552.1	553.7	554.5	553.3	550.9	546.1	540.8
62.5°	565.8	565.2	563.7	566.3	568.2	569.6	569.8	568.2	565.6	561.7	555.4
65°	580.2	579.5	578.1	580.6	582.3	584.5	584.1	582.5	579.2	575.0	569.9
67.5°	593.7	592.0	591.3	593.3	595.2	597.4	596.5	594.3	590.5	586.8	582.6
70°	604.3	603.9	603.3	604.8	607.5	608.2	607.1	604.5	601.4	597.8	594.5
72.5°	615.8	614.2	612.8	615.1	618.6	617.1	616.0	614.1	611.5	608.9	604.1
75°	624.5	622.0	621.8	624.8	625.5	625.0	623.4	622.6	620.1	617.0	612.5
77.5°	633.1	629.7	629.6	632.2	631.4	630.7	630.7	630.3	628.1	624.8	620.1
80°	637.9	635.4	636.1	636.3	634.8	636.4	637.5	636.8	633.7	630.3	625.3
82.5°	643.7	640.1	640.1	637.5	640.5	641.5	641.6	640.4	637.7	634.1	629.0
85°	646.6	644.0	638.3	641.6	643.4	643.9	644.2	642.7	640.1	636.8	631.7
87.5°	648.5	640.4	641.0	642.1	643.7	644.0	643.6	642.7	640.6	637.0	632.1
90°	642.8	637.0	637.0	639.9	641.8	642.8	643.7	641.8	639.9	637.0	632.2
92.5°	648.5	640.4	641.0	642.1	643.7	644.0	643.6	642.7	640.6	637.0	632.1
95°	646.6	644.0	638.3	641.6	643.4	643.9	644.2	642.7	640.1	636.8	631.7
97.5°	643.7	640.1	640.1	637.5	640.5	641.5	641.6	640.4	637.7	634.1	629.0
100°	637.9	635.4	636.1	636.3	634.8	636.4	637.5	636.8	633.7	630.3	625.3
102.5°	633.1	629.7	629.6	632.2	631.4	630.7	630.7	630.3	628.1	624.8	620.1
105°	624.5	622.0	621.8	624.8	625.5	625.0	623.4	622.6	620.1	617.0	612.5
107.5°	615.8	614.2	612.8	615.1	618.6	617.1	616.0	614.1	611.5	608.9	604.1
110°	604.3	603.9	603.3	604.8	607.5	608.2	607.1	604.5	601.4	597.8	594.5



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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°	593.7	592.0	591.3	593.3	595.2	597.4	596.5	594.3	590.5	586.8	582.6
115°	580.2	579.5	578.1	580.6	582.3	584.5	584.1	582.5	579.2	575.0	569.9
117.5°	565.8	565.2	563.7	566.3	568.2	569.6	569.8	568.2	565.6	561.7	555.4
120°	549.4	550.3	550.0	550.9	552.1	553.7	554.5	553.3	550.9	546.1	540.8
122.5°	535.9	533.7	533.0	533.9	535.4	537.2	538.0	537.1	535.2	530.6	526.0
125°	516.7	516.7	515.9	516.4	518.0	519.2	519.8	519.4	517.6	513.9	509.8
127.5°	497.5	496.8	496.1	497.3	499.1	500.3	500.8	500.4	498.8	495.7	491.7
130°	483.0	480.1	477.1	477.9	479.0	479.7	480.1	479.8	478.7	475.8	472.3
132.5°	460.9	458.8	455.7	457.2	458.3	459.4	459.6	458.7	457.2	455.9	452.8
135°	436.8	436.8	434.9	436.6	437.3	438.0	438.4	438.6	436.3	434.4	431.0
137.5°	415.7	415.2	413.0	413.6	414.1	414.9	415.4	414.9	413.9	411.8	408.6
140°	396.4	394.8	391.5	391.0	391.5	391.1	391.4	391.2	390.2	388.0	384.8
142.5°	366.6	368.1	368.0	367.8	367.7	367.1	367.4	367.5	366.6	364.1	360.9
145°	344.5	344.8	343.5	342.3	343.0	343.1	342.7	342.2	340.8	338.3	335.4
147.5°	315.6	316.8	316.7	316.3	317.1	317.6	317.2	316.3	314.6	312.2	309.3
150°	291.5	292.6	292.4	291.8	291.6	291.6	291.0	289.9	288.5	286.8	283.7
152.5°	263.6	264.9	264.9	264.7	264.0	264.1	263.5	262.3	260.1	258.1	255.4
155°	236.7	237.8	237.8	237.4	236.5	235.9	235.3	234.2	232.6	230.7	228.5
157.5°	207.8	208.8	209.8	208.4	207.6	206.4	206.1	205.1	203.5	201.4	198.6
160°	179.0	179.9	180.7	179.7	179.0	178.0	177.0	176.3	175.1	173.5	171.5
162.5°	151.1	152.0	152.9	152.0	151.5	150.6	149.3	148.2	147.1	145.6	143.7
165°	122.2	123.0	123.8	123.0	122.6	121.9	120.8	119.4	117.9	116.8	115.4
167.5°	94.3	94.8	95.4	94.7	94.3	93.6	92.7	91.6	90.2	88.6	87.3
170°	66.4	66.9	67.4	67.9	67.0	66.7	66.2	65.5	64.6	63.5	62.3
172.5°	43.3	43.6	43.9	44.2	43.6	43.4	43.0	42.6	42.0	41.3	40.5
175°	22.1	22.4	22.6	22.9	23.1	22.6	22.6	22.4	22.3	22.0	21.7
177.5°	6.7	6.8	7.0	7.1	7.3	7.4	7.6	7.5	7.5	7.6	7.6
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



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**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
2.5°	7.6	7.6	7.6	7.6	7.5	7.5	7.4	7.3	7.2	7.1	7.0
5°	21.4	21.0	20.6	20.1	19.5	18.9	18.3	17.6	16.9	16.1	15.3
7.5°	39.7	38.7	37.6	36.4	35.1	33.7	32.1	31.2	29.8	28.9	27.9
10°	60.8	59.2	58.2	56.9	55.4	53.7	52.1	50.5	48.7	46.8	44.8
12.5°	86.1	84.7	82.9	81.0	78.9	76.8	74.4	71.9	69.2	66.3	63.1
15°	113.7	111.7	109.5	107.1	104.4	101.4	98.2	94.7	91.0	87.4	83.8
17.5°	141.5	139.0	136.2	133.3	130.3	127.0	123.4	119.5	115.1	110.3	105.1
20°	169.1	166.3	163.3	160.0	156.3	152.3	148.1	143.7	138.8	133.7	127.8
22.5°	196.0	193.3	190.1	186.4	182.2	177.7	172.9	167.8	162.4	156.2	149.7
25°	225.3	221.5	217.3	212.7	208.1	203.3	198.0	192.2	186.0	179.3	173.1
27.5°	252.3	248.7	244.9	240.5	235.1	229.3	224.1	216.6	209.7	202.0	194.0
30°	279.8	275.7	271.9	266.7	261.4	255.5	248.9	241.6	233.8	225.2	215.9
32.5°	306.6	302.9	298.1	292.5	287.0	280.7	273.5	265.6	257.2	248.3	238.1
35°	331.9	327.8	323.1	317.4	311.0	304.0	296.4	288.1	279.5	269.9	259.2
37.5°	357.4	353.5	348.6	343.1	334.7	327.5	319.5	310.2	300.6	291.0	279.5
40°	381.6	378.1	372.8	365.8	358.1	350.1	342.4	333.2	321.9	310.5	298.3
42.5°	405.1	401.2	396.0	388.6	381.0	371.3	361.9	352.7	342.6	330.7	317.8
45°	427.4	422.1	416.4	410.6	402.0	392.1	381.9	371.2	360.9	349.3	336.2
47.5°	448.0	442.1	435.8	429.2	421.5	411.9	401.7	390.5	378.9	366.9	353.5
50°	467.7	461.7	455.4	448.3	440.6	430.5	420.3	409.0	396.6	383.8	369.9
52.5°	486.6	480.3	473.6	466.1	457.1	448.3	437.3	425.6	413.5	400.0	385.5
55°	504.1	497.8	491.1	483.5	473.9	464.3	453.9	441.7	428.3	414.3	400.7
57.5°	520.5	514.4	507.6	499.2	489.9	480.3	468.9	456.5	443.5	428.6	413.1
60°	535.9	529.6	522.2	513.8	504.3	494.1	482.6	469.8	456.3	441.3	425.5
62.5°	549.7	543.9	536.2	527.6	518.0	507.9	496.2	482.7	467.8	453.3	437.2
65°	564.0	557.4	549.2	540.5	530.2	519.9	509.1	495.0	480.0	464.3	448.0
67.5°	576.8	570.3	561.4	552.0	541.4	530.6	519.0	504.8	490.6	474.7	457.4
70°	588.4	581.0	572.6	562.9	551.8	540.5	528.1	514.3	499.5	483.7	466.1
72.5°	598.2	590.7	582.1	572.2	560.9	548.9	536.7	522.8	507.4	491.2	473.2
75°	606.5	598.7	590.3	580.1	568.8	556.4	543.9	529.3	514.1	497.5	479.6
77.5°	613.5	606.0	596.6	586.4	574.7	563.1	550.0	535.4	519.7	502.7	484.8
80°	618.9	611.4	601.9	591.4	579.9	567.8	554.6	540.0	524.0	506.8	488.8
82.5°	622.7	615.5	606.1	595.5	583.9	571.4	556.9	542.6	527.1	510.0	492.0
85°	625.9	618.2	608.6	598.0	586.2	573.9	559.2	544.7	528.9	512.2	494.7
87.5°	626.2	618.7	609.9	599.5	586.9	575.4	560.7	546.2	530.5	513.8	496.1
90°	625.4	618.7	609.1	599.5	586.9	575.4	560.0	545.6	531.1	513.8	495.5
92.5°	626.2	618.7	609.9	599.5	586.9	575.4	560.7	546.2	530.5	513.8	496.1
95°	625.9	618.2	608.6	598.0	586.2	573.9	559.2	544.7	528.9	512.2	494.7
97.5°	622.7	615.5	606.1	595.5	583.9	571.4	556.9	542.6	527.1	510.0	492.0
100°	618.9	611.4	601.9	591.4	579.9	567.8	554.6	540.0	524.0	506.8	488.8
102.5°	613.5	606.0	596.6	586.4	574.7	563.1	550.0	535.4	519.7	502.7	484.8
105°	606.5	598.7	590.3	580.1	568.8	556.4	543.9	529.3	514.1	497.5	479.6
107.5°	598.2	590.7	582.1	572.2	560.9	548.9	536.7	522.8	507.4	491.2	473.2
110°	588.4	581.0	572.6	562.9	551.8	540.5	528.1	514.3	499.5	483.7	466.1





TEST NUMBER: P231964

CATALOG NUMBER: FVS4WM-4-LD4-30-1HI-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°	576.8	570.3	561.4	552.0	541.4	530.6	519.0	504.8	490.6	474.7	457.4
115°	564.0	557.4	549.2	540.5	530.2	519.9	509.1	495.0	480.0	464.3	448.0
117.5°	549.7	543.9	536.2	527.6	518.0	507.9	496.2	482.7	467.8	453.3	437.2
120°	535.9	529.6	522.2	513.8	504.3	494.1	482.6	469.8	456.3	441.3	425.5
122.5°	520.5	514.4	507.6	499.2	489.9	480.3	468.9	456.5	443.5	428.6	413.1
125°	504.1	497.8	491.1	483.5	473.9	464.3	453.9	441.7	428.3	414.3	400.7
127.5°	486.6	480.3	473.6	466.1	457.1	448.3	437.3	425.6	413.5	400.0	385.5
130°	467.7	461.7	455.4	448.3	440.6	430.5	420.3	409.0	396.6	383.8	369.9
132.5°	448.0	442.1	435.8	429.2	421.5	411.9	401.7	390.5	378.9	366.9	353.5
135°	427.4	422.1	416.4	410.6	402.0	392.1	381.9	371.2	360.9	349.3	336.2
137.5°	405.1	401.2	396.0	388.6	381.0	371.3	361.9	352.7	342.6	330.7	317.8
140°	381.6	378.1	372.8	365.8	358.1	350.1	342.4	333.2	321.9	310.5	298.3
142.5°	357.4	353.5	348.6	343.1	334.7	327.5	319.5	310.2	300.6	291.0	279.5
145°	331.9	327.8	323.1	317.4	311.0	304.0	296.4	288.1	279.5	269.9	259.2
147.5°	306.6	302.9	298.1	292.5	287.0	280.7	273.5	265.6	257.2	248.3	238.1
150°	279.8	275.7	271.9	266.7	261.4	255.5	248.9	241.6	233.8	225.2	215.9
152.5°	252.3	248.7	244.9	240.5	235.1	229.3	224.1	216.6	209.7	202.0	194.0
155°	225.3	221.5	217.3	212.7	208.1	203.3	198.0	192.2	186.0	179.3	173.1
157.5°	196.0	193.3	190.1	186.4	182.2	177.7	172.9	167.8	162.4	156.2	149.7
160°	169.1	166.3	163.3	160.0	156.3	152.3	148.1	143.7	138.8	133.7	127.8
162.5°	141.5	139.0	136.2	133.3	130.3	127.0	123.4	119.5	115.1	110.3	105.1
165°	113.7	111.7	109.5	107.1	104.4	101.4	98.2	94.7	91.0	87.4	83.8
167.5°	86.1	84.7	82.9	81.0	78.9	76.8	74.4	71.9	69.2	66.3	63.1
170°	60.8	59.2	58.2	56.9	55.4	53.7	52.1	50.5	48.7	46.8	44.8
172.5°	39.7	38.7	37.6	36.4	35.1	33.7	32.1	31.2	29.8	28.9	27.9
175°	21.4	21.0	20.6	20.1	19.5	18.9	18.3	17.6	16.9	16.1	15.3
177.5°	7.6	7.6	7.6	7.6	7.5	7.5	7.4	7.3	7.2	7.1	7.0
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P231964

CATALOG NUMBER: FVS4WM-4-LD4-30-1HI-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
2.5°	6.9	6.7	6.6	6.4	6.2	6.0	5.8	5.6	5.4	5.1	4.9
5°	14.4	13.5	12.6	12.2	11.8	11.4	11.0	10.5	10.0	9.5	9.0
7.5°	26.9	25.8	24.6	23.3	21.9	20.5	19.0	18.2	17.6	16.9	16.2
10°	42.5	40.2	37.8	36.0	34.1	32.1	30.1	27.9	25.6	24.5	23.5
12.5°	60.3	57.4	54.4	51.2	47.9	45.0	42.5	39.9	37.2	34.4	32.6
15°	79.8	75.7	71.9	67.7	63.8	59.7	55.5	52.2	49.0	45.6	42.1
17.5°	100.4	94.9	89.9	84.7	79.6	74.9	70.0	64.9	60.8	56.8	52.7
20°	121.6	115.2	108.7	102.9	96.8	90.6	84.8	78.9	72.7	68.0	63.4
22.5°	142.6	135.5	128.3	120.8	113.9	106.8	99.4	93.0	86.5	80.3	75.2
25°	164.0	155.4	146.8	139.0	131.1	122.9	114.6	106.5	98.9	91.1	85.2
27.5°	185.6	176.5	167.2	157.9	148.6	138.9	129.9	120.7	111.8	103.3	95.6
30°	206.6	197.0	187.1	176.7	166.2	155.8	145.3	135.1	125.2	115.6	106.5
32.5°	227.5	217.0	206.5	195.4	183.7	172.0	160.4	148.7	137.1	126.4	116.3
35°	247.9	236.4	224.6	212.7	200.2	187.3	174.5	162.1	148.9	136.7	125.9
37.5°	267.4	255.0	242.0	229.2	217.0	202.5	188.7	174.6	161.2	148.1	136.4
40°	285.6	273.2	259.6	245.8	231.6	217.1	202.4	187.7	173.3	160.0	147.2
42.5°	303.8	290.3	276.3	262.2	247.2	231.5	215.7	200.1	184.4	170.1	156.1
45°	322.0	307.5	292.2	276.9	261.7	245.1	228.5	211.9	195.4	179.7	164.5
47.5°	339.1	324.0	307.9	291.5	275.0	258.3	240.8	223.1	205.6	188.8	172.9
50°	355.1	339.7	323.5	305.3	287.9	270.5	252.2	233.7	215.3	197.5	181.2
52.5°	369.9	353.8	337.2	319.5	301.1	282.3	263.2	244.0	225.0	205.9	188.7
55°	384.0	367.2	349.9	332.1	312.6	292.9	273.3	253.9	234.7	214.4	195.9
57.5°	396.8	379.4	362.4	343.5	323.6	303.2	282.8	262.8	242.8	221.8	202.5
60°	409.4	391.0	372.9	353.9	333.9	313.1	291.9	271.2	249.8	228.5	208.7
62.5°	419.9	402.0	383.5	363.8	343.6	322.5	300.2	278.6	256.7	234.7	214.1
65°	430.3	411.8	393.1	372.9	351.7	330.5	307.4	285.0	263.2	240.9	219.2
67.5°	440.0	421.4	401.7	381.4	359.5	337.9	314.4	291.5	269.3	246.6	224.6
70°	448.2	428.8	408.6	387.2	366.7	344.6	320.7	297.4	274.8	251.9	229.5
72.5°	454.9	435.6	415.7	394.7	373.2	350.2	326.1	302.3	278.8	255.5	233.0
75°	461.0	441.7	421.4	400.4	378.4	354.9	330.8	306.7	282.2	258.5	236.2
77.5°	466.6	447.0	426.3	405.0	382.6	358.5	334.7	310.1	285.6	261.1	238.3
80°	470.4	450.2	429.9	408.2	385.4	361.2	338.0	312.8	288.8	263.6	240.0
82.5°	473.4	452.8	432.9	410.8	388.1	363.8	339.8	314.5	290.6	265.4	242.0
85°	475.1	454.8	435.4	412.6	390.4	367.4	341.6	316.6	292.5	267.5	242.5
87.5°	476.3	456.5	436.8	413.7	390.7	367.6	342.0	316.1	292.5	268.0	242.5
90°	476.3	457.0	436.8	413.7	389.7	367.6	342.5	315.6	292.5	268.5	242.5
92.5°	476.3	456.5	436.8	413.7	390.7	367.6	342.0	316.1	292.5	268.0	242.5
95°	475.1	454.8	435.4	412.6	390.4	367.4	341.6	316.6	292.5	267.5	242.5
97.5°	473.4	452.8	432.9	410.8	388.1	363.8	339.8	314.5	290.6	265.4	242.0
100°	470.4	450.2	429.9	408.2	385.4	361.2	338.0	312.8	288.8	263.6	240.0
102.5°	466.6	447.0	426.3	405.0	382.6	358.5	334.7	310.1	285.6	261.1	238.3
105°	461.0	441.7	421.4	400.4	378.4	354.9	330.8	306.7	282.2	258.5	236.2
107.5°	454.9	435.6	415.7	394.7	373.2	350.2	326.1	302.3	278.8	255.5	233.0
110°	448.2	428.8	408.6	387.2	366.7	344.6	320.7	297.4	274.8	251.9	229.5



TEST NUMBER: P231964

CATALOG NUMBER: FVS4WM-4-LD4-30-1HI-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	440.0	421.4	401.7	381.4	359.5	337.9	314.4	291.5	269.3	246.6	224.6
115°	430.3	411.8	393.1	372.9	351.7	330.5	307.4	285.0	263.2	240.9	219.2
117.5°	419.9	402.0	383.5	363.8	343.6	322.5	300.2	278.6	256.7	234.7	214.1
120°	409.4	391.0	372.9	353.9	333.9	313.1	291.9	271.2	249.8	228.5	208.7
122.5°	396.8	379.4	362.4	343.5	323.6	303.2	282.8	262.8	242.8	221.8	202.5
125°	384.0	367.2	349.9	332.1	312.6	292.9	273.3	253.9	234.7	214.4	195.9
127.5°	369.9	353.8	337.2	319.5	301.1	282.3	263.2	244.0	225.0	205.9	188.7
130°	355.1	339.7	323.5	305.3	287.9	270.5	252.2	233.7	215.3	197.5	181.2
132.5°	339.1	324.0	307.9	291.5	275.0	258.3	240.8	223.1	205.6	188.8	172.9
135°	322.0	307.5	292.2	276.9	261.7	245.1	228.5	211.9	195.4	179.7	164.5
137.5°	303.8	290.3	276.3	262.2	247.2	231.5	215.7	200.1	184.4	170.1	156.1
140°	285.6	273.2	259.6	245.8	231.6	217.1	202.4	187.7	173.3	160.0	147.2
142.5°	267.4	255.0	242.0	229.2	217.0	202.5	188.7	174.6	161.2	148.1	136.4
145°	247.9	236.4	224.6	212.7	200.2	187.3	174.5	162.1	148.9	136.7	125.9
147.5°	227.5	217.0	206.5	195.4	183.7	172.0	160.4	148.7	137.1	126.4	116.3
150°	206.6	197.0	187.1	176.7	166.2	155.8	145.3	135.1	125.2	115.6	106.5
152.5°	185.6	176.5	167.2	157.9	148.6	138.9	129.9	120.7	111.8	103.3	95.6
155°	164.0	155.4	146.8	139.0	131.1	122.9	114.6	106.5	98.9	91.1	85.2
157.5°	142.6	135.5	128.3	120.8	113.9	106.8	99.4	93.0	86.5	80.3	75.2
160°	121.6	115.2	108.7	102.9	96.8	90.6	84.8	78.9	72.7	68.0	63.4
162.5°	100.4	94.9	89.9	84.7	79.6	74.9	70.0	64.9	60.8	56.8	52.7
165°	79.8	75.7	71.9	67.7	63.8	59.7	55.5	52.2	49.0	45.6	42.1
167.5°	60.3	57.4	54.4	51.2	47.9	45.0	42.5	39.9	37.2	34.4	32.6
170°	42.5	40.2	37.8	36.0	34.1	32.1	30.1	27.9	25.6	24.5	23.5
172.5°	26.9	25.8	24.6	23.3	21.9	20.5	19.0	18.2	17.6	16.9	16.2
175°	14.4	13.5	12.6	12.2	11.8	11.4	11.0	10.5	10.0	9.5	9.0
177.5°	6.9	6.7	6.6	6.4	6.2	6.0	5.8	5.6	5.4	5.1	4.9
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P231964

CATALOG NUMBER: FVS4WM-4-LD4-30-1HI-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
2.5°	4.6	4.4	4.1	3.9	3.8	3.8	3.7	3.6	3.6	3.5	3.4
5°	8.4	7.9	7.3	6.7	6.6	6.5	6.4	6.3	6.2	6.0	5.9
7.5°	15.4	14.7	13.8	13.0	12.8	12.6	12.4	12.2	11.9	11.6	11.3
10°	22.5	21.5	20.4	19.2	19.0	18.8	18.5	18.2	17.8	17.5	17.0
12.5°	31.4	30.2	28.8	27.4	27.1	26.6	26.2	25.6	25.0	24.4	23.8
15°	40.4	38.9	37.3	35.6	35.1	34.4	33.7	33.0	32.4	31.7	30.9
17.5°	49.4	47.8	46.1	44.3	43.5	42.6	41.6	40.8	40.1	39.3	38.2
20°	58.5	56.6	54.8	52.9	51.8	50.7	49.5	48.8	47.9	47.0	45.6
22.5°	69.9	66.2	63.5	60.6	59.8	58.9	57.8	56.7	55.5	54.3	53.0
25°	79.9	75.5	72.5	69.3	68.4	67.4	66.2	64.9	63.4	62.0	60.5
27.5°	89.6	83.9	80.7	77.5	76.3	75.0	73.7	72.3	70.9	69.5	67.7
30°	99.4	92.1	88.9	85.6	84.1	82.4	81.1	79.6	78.5	77.1	74.9
32.5°	108.2	100.9	96.7	92.9	91.5	90.0	88.6	87.1	85.7	84.0	81.5
35°	116.8	109.4	104.4	100.1	98.9	97.5	96.0	94.4	92.7	90.4	87.8
37.5°	125.6	117.3	111.6	107.3	105.7	104.2	102.6	101.0	99.3	96.7	94.2
40°	134.7	125.3	118.7	114.5	112.6	110.8	109.2	107.5	105.4	102.8	100.4
42.5°	142.3	132.7	125.5	120.8	118.7	116.9	115.3	113.5	111.3	108.7	106.5
45°	150.1	140.0	132.4	127.0	124.9	123.0	121.4	119.5	117.1	114.5	112.3
47.5°	158.2	146.8	138.5	133.3	130.7	128.7	127.0	125.2	122.5	120.0	117.5
50°	166.1	153.7	144.6	139.5	136.5	134.4	132.6	130.6	127.9	125.1	122.2
52.5°	172.4	159.2	150.0	144.3	141.6	139.6	137.6	135.4	132.9	129.8	126.8
55°	178.5	164.6	155.4	149.1	146.8	144.8	142.5	140.1	137.8	134.3	131.2
57.5°	184.7	169.9	159.9	153.5	151.0	149.1	147.0	144.5	141.7	138.3	135.3
60°	190.7	175.2	164.4	157.8	155.2	153.3	151.5	148.6	145.3	142.3	139.4
62.5°	195.7	180.0	168.4	161.7	159.0	157.1	155.0	152.1	148.9	145.9	142.5
65°	200.5	184.8	172.4	165.5	162.8	160.9	158.4	155.5	152.6	149.3	145.5
67.5°	204.9	187.5	175.5	168.4	165.7	163.8	161.2	158.3	155.5	152.0	148.2
70°	208.1	190.7	178.5	171.3	168.6	166.6	163.9	161.1	157.6	154.4	150.4
72.5°	211.3	193.5	181.0	173.7	170.4	168.5	166.2	163.0	159.7	156.4	152.3
75°	214.4	196.3	183.8	176.1	172.3	170.4	168.5	164.9	161.9	158.2	154.3
77.5°	216.1	198.5	185.2	177.6	174.2	171.8	169.9	166.2	163.3	159.6	155.4
80°	217.6	201.1	186.7	179.0	176.1	173.3	171.3	167.6	164.6	160.9	156.2
82.5°	219.8	201.6	187.1	180.0	176.6	174.2	171.8	168.4	165.1	161.3	157.0
85°	221.3	202.1	187.6	180.9	177.0	175.1	172.2	169.3	165.5	161.8	157.8
87.5°	221.3	202.5	188.1	181.4	177.5	175.6	172.7	169.3	166.0	162.2	157.8
90°	221.3	203.0	188.6	181.9	178.0	176.1	173.2	169.3	166.5	162.6	157.8
92.5°	221.3	202.5	188.1	181.4	177.5	175.6	172.7	169.3	166.0	162.2	157.8
95°	221.3	202.1	187.6	180.9	177.0	175.1	172.2	169.3	165.5	161.8	157.8
97.5°	219.8	201.6	187.1	180.0	176.6	174.2	171.8	168.4	165.1	161.3	157.0
100°	217.6	201.1	186.7	179.0	176.1	173.3	171.3	167.6	164.6	160.9	156.2
102.5°	216.1	198.5	185.2	177.6	174.2	171.8	169.9	166.2	163.3	159.6	155.4
105°	214.4	196.3	183.8	176.1	172.3	170.4	168.5	164.9	161.9	158.2	154.3
107.5°	211.3	193.5	181.0	173.7	170.4	168.5	166.2	163.0	159.7	156.4	152.3
110°	208.1	190.7	178.5	171.3	168.6	166.6	163.9	161.1	157.6	154.4	150.4



TEST NUMBER: P231964

CATALOG NUMBER: FVS4WM-4-LD4-30-1HI-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°	204.9	187.5	175.5	168.4	165.7	163.8	161.2	158.3	155.5	152.0	148.2
115°	200.5	184.8	172.4	165.5	162.8	160.9	158.4	155.5	152.6	149.3	145.5
117.5°	195.7	180.0	168.4	161.7	159.0	157.1	155.0	152.1	148.9	145.9	142.5
120°	190.7	175.2	164.4	157.8	155.2	153.3	151.5	148.6	145.3	142.3	139.4
122.5°	184.7	169.9	159.9	153.5	151.0	149.1	147.0	144.5	141.7	138.3	135.3
125°	178.5	164.6	155.4	149.1	146.8	144.8	142.5	140.1	137.8	134.3	131.2
127.5°	172.4	159.2	150.0	144.3	141.6	139.6	137.6	135.4	132.9	129.8	126.8
130°	166.1	153.7	144.6	139.5	136.5	134.4	132.6	130.6	127.9	125.1	122.2
132.5°	158.2	146.8	138.5	133.3	130.7	128.7	127.0	125.2	122.5	120.0	117.5
135°	150.1	140.0	132.4	127.0	124.9	123.0	121.4	119.5	117.1	114.5	112.3
137.5°	142.3	132.7	125.5	120.8	118.7	116.9	115.3	113.5	111.3	108.7	106.5
140°	134.7	125.3	118.7	114.5	112.6	110.8	109.2	107.5	105.4	102.8	100.4
142.5°	125.6	117.3	111.6	107.3	105.7	104.2	102.6	101.0	99.3	96.7	94.2
145°	116.8	109.4	104.4	100.1	98.9	97.5	96.0	94.4	92.7	90.4	87.8
147.5°	108.2	100.9	96.7	92.9	91.5	90.0	88.6	87.1	85.7	84.0	81.5
150°	99.4	92.1	88.9	85.6	84.1	82.4	81.1	79.6	78.5	77.1	74.9
152.5°	89.6	83.9	80.7	77.5	76.3	75.0	73.7	72.3	70.9	69.5	67.7
155°	79.9	75.5	72.5	69.3	68.4	67.4	66.2	64.9	63.4	62.0	60.5
157.5°	69.9	66.2	63.5	60.6	59.8	58.9	57.8	56.7	55.5	54.3	53.0
160°	58.5	56.6	54.8	52.9	51.8	50.7	49.5	48.8	47.9	47.0	45.6
162.5°	49.4	47.8	46.1	44.3	43.5	42.6	41.6	40.8	40.1	39.3	38.2
165°	40.4	38.9	37.3	35.6	35.1	34.4	33.7	33.0	32.4	31.7	30.9
167.5°	31.4	30.2	28.8	27.4	27.1	26.6	26.2	25.6	25.0	24.4	23.8
170°	22.5	21.5	20.4	19.2	19.0	18.8	18.5	18.2	17.8	17.5	17.0
172.5°	15.4	14.7	13.8	12.9	12.8	12.6	12.4	12.2	11.9	11.6	11.3
175°	8.4	7.9	7.3	6.7	6.6	6.5	6.4	6.3	6.2	6.0	5.9
177.5°	4.6	4.4	4.1	3.9	3.8	3.8	3.7	3.6	3.6	3.5	3.4
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P231964

CATALOG NUMBER: FVS4WM-4-LD4-30-1HI-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
2.5°	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.6	2.5	2.3
5°	5.7	5.6	5.4	5.2	5.0	4.8	4.6	4.4	4.2	4.0	3.8
7.5°	10.9	10.5	10.0	9.6	9.1	8.5	8.0	7.4	6.8	6.2	5.6
10°	16.5	15.9	15.3	14.7	14.0	13.4	12.7	12.0	11.3	10.5	9.8
12.5°	23.0	22.3	21.4	20.4	19.5	18.4	17.4	16.3	15.4	14.4	13.3
15°	30.0	28.9	27.7	26.5	25.3	24.1	22.8	21.5	20.2	18.8	17.3
17.5°	36.9	35.5	34.0	32.6	31.2	29.8	28.3	26.8	25.3	23.6	21.9
20°	44.1	42.5	40.9	39.3	37.6	35.9	34.3	32.5	30.5	28.2	26.1
22.5°	51.5	49.7	47.7	45.7	44.0	42.2	40.3	38.0	35.5	33.0	30.7
25°	58.8	56.9	54.9	52.9	50.6	48.3	45.9	43.3	40.7	38.1	35.4
27.5°	65.7	63.6	61.4	59.2	56.8	54.2	51.5	48.8	45.9	42.8	39.8
30°	72.5	70.3	68.0	65.4	62.7	59.9	56.7	53.6	50.6	47.2	43.9
32.5°	79.2	77.0	74.4	71.4	68.5	65.5	62.3	59.0	55.7	52.4	48.8
35°	85.6	83.2	80.2	77.2	74.3	71.2	67.8	64.2	60.5	56.9	53.0
37.5°	92.0	89.3	86.2	82.9	79.7	76.2	72.7	68.9	65.1	61.1	57.0
40°	98.1	95.0	91.7	88.2	84.8	81.3	77.6	73.5	69.2	65.1	60.9
42.5°	103.8	100.7	96.9	93.2	89.7	86.1	82.2	77.7	73.2	69.2	64.6
45°	108.9	105.4	101.8	98.2	94.5	90.9	86.5	82.0	77.5	72.8	68.0
47.5°	113.9	110.5	106.9	102.9	98.8	94.7	90.4	85.9	81.3	76.4	71.6
50°	118.8	115.2	111.3	107.2	102.9	98.6	94.1	89.4	84.7	79.8	74.9
52.5°	123.5	119.6	115.6	111.3	107.0	102.5	97.7	92.9	88.1	82.7	77.7
55°	127.6	123.6	119.5	115.0	110.9	106.2	101.0	95.8	90.9	85.7	80.5
57.5°	131.5	127.6	123.2	118.5	114.2	109.1	103.9	98.8	94.1	88.5	82.9
60°	135.3	130.9	126.4	121.8	117.2	112.1	106.9	101.6	96.4	90.8	85.1
62.5°	138.7	134.0	129.8	125.0	120.0	114.9	109.5	104.0	98.7	92.7	86.8
65°	141.5	137.2	132.1	127.6	122.6	117.4	111.9	106.2	100.7	94.5	88.7
67.5°	144.1	139.7	134.6	130.4	125.2	119.5	114.1	108.4	102.4	96.3	90.1
70°	146.1	141.8	137.3	132.2	126.7	121.5	116.0	110.2	104.2	98.0	91.4
72.5°	148.0	143.5	138.7	133.8	128.6	123.1	117.5	111.4	105.2	99.3	92.4
75°	149.7	145.0	140.1	134.9	129.6	124.3	118.7	112.6	106.3	100.0	93.4
77.5°	151.0	146.3	141.4	135.9	130.7	125.3	119.5	113.6	107.2	100.5	93.9
80°	152.1	147.4	142.6	136.9	131.4	125.7	120.3	114.2	107.6	100.9	94.1
82.5°	152.7	148.0	143.2	137.5	131.8	126.0	121.0	114.6	107.9	101.3	94.4
85°	153.1	148.3	143.5	137.7	132.0	126.2	120.6	114.6	108.0	101.2	94.5
87.5°	153.5	148.7	143.5	138.1	132.3	126.5	120.7	114.6	107.9	101.1	94.4
90°	154.0	149.1	143.4	138.6	132.8	127.0	121.2	114.5	107.8	101.0	94.3
92.5°	153.5	148.7	143.5	138.1	132.3	126.5	120.7	114.6	107.9	101.1	94.4
95°	153.1	148.3	143.5	137.7	132.0	126.2	120.6	114.6	108.0	101.2	94.5
97.5°	152.7	148.0	143.2	137.5	131.8	126.0	121.0	114.6	107.9	101.3	94.4
100°	152.1	147.4	142.6	136.9	131.4	125.7	120.3	114.2	107.6	100.9	94.1
102.5°	151.0	146.3	141.4	135.9	130.7	125.3	119.5	113.6	107.2	100.5	93.9
105°	149.7	145.0	140.1	134.9	129.6	124.3	118.7	112.6	106.3	100.0	93.4
107.5°	148.0	143.5	138.7	133.8	128.6	123.1	117.5	111.4	105.2	99.3	92.4
110°	146.1	141.8	137.3	132.2	126.7	121.5	116.0	110.2	104.2	98.0	91.4



TEST NUMBER: P231964

CATALOG NUMBER: FVS4WM-4-LD4-30-1HI-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	144.1	139.7	134.6	130.4	125.2	119.5	114.1	108.4	102.4	96.3	90.1
115°	141.5	137.2	132.1	127.6	122.6	117.4	111.9	106.2	100.7	94.5	88.7
117.5°	138.7	134.0	129.8	125.0	120.0	114.9	109.5	104.0	98.7	92.7	86.8
120°	135.3	130.9	126.4	121.8	117.2	112.1	106.9	101.6	96.4	90.8	85.1
122.5°	131.5	127.6	123.2	118.5	114.2	109.1	103.9	98.8	94.1	88.5	82.9
125°	127.6	123.6	119.5	115.0	110.9	106.2	101.0	95.8	90.9	85.7	80.5
127.5°	123.5	119.6	115.6	111.3	107.0	102.5	97.7	92.9	88.1	82.7	77.7
130°	118.8	115.2	111.3	107.2	102.9	98.6	94.1	89.4	84.7	79.8	74.9
132.5°	113.9	110.5	106.9	102.9	98.8	94.7	90.4	85.9	81.3	76.4	71.6
135°	108.9	105.4	101.8	98.2	94.5	90.9	86.5	82.0	77.5	72.8	68.0
137.5°	103.8	100.7	96.9	93.2	89.7	86.1	82.2	77.7	73.2	69.2	64.6
140°	98.1	95.0	91.7	88.2	84.8	81.3	77.6	73.5	69.2	65.1	60.9
142.5°	92.0	89.3	86.2	82.9	79.7	76.2	72.7	68.9	65.1	61.1	57.0
145°	85.6	83.2	80.2	77.2	74.3	71.2	67.8	64.2	60.5	56.9	53.0
147.5°	79.2	77.0	74.4	71.4	68.5	65.5	62.3	59.0	55.7	52.4	48.8
150°	72.5	70.3	68.0	65.4	62.7	59.9	56.7	53.6	50.6	47.2	43.9
152.5°	65.7	63.6	61.4	59.2	56.8	54.2	51.5	48.8	45.9	42.8	39.8
155°	58.8	56.9	54.9	52.9	50.6	48.3	45.9	43.3	40.7	38.1	35.4
157.5°	51.5	49.7	47.7	45.7	44.0	42.2	40.3	38.0	35.5	33.0	30.7
160°	44.1	42.5	40.9	39.3	37.6	35.9	34.3	32.5	30.5	28.2	26.1
162.5°	36.9	35.5	34.0	32.6	31.2	29.8	28.3	26.8	25.3	23.6	21.9
165°	30.0	28.9	27.7	26.5	25.3	24.1	22.8	21.5	20.2	18.8	17.3
167.5°	23.0	22.3	21.4	20.4	19.5	18.4	17.4	16.3	15.4	14.4	13.3
170°	16.5	15.9	15.3	14.7	14.0	13.4	12.7	12.0	11.3	10.5	9.8
172.5°	10.9	10.5	10.0	9.6	9.1	8.5	8.0	7.4	6.8	6.2	5.6
175°	5.7	5.6	5.4	5.2	5.0	4.8	4.6	4.4	4.2	4.0	3.8
177.5°	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.6	2.5	2.3
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P231964

CATALOG NUMBER: FVS4WM-4-LD4-30-1HI-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
2.5°	2.2	2.1	2.0	1.8	1.7	1.6	1.5	1.3	1.2	1.1	0.9
5°	3.6	3.4	3.2	3.0	2.8	2.5	2.3	2.1	1.9	1.7	1.5
7.5°	4.8	4.6	4.4	4.1	3.9	3.6	3.3	3.1	2.8	2.5	2.2
10°	9.0	8.1	7.2	6.3	5.4	4.3	4.0	3.6	3.2	2.8	2.4
12.5°	12.3	11.2	10.1	9.0	7.9	6.8	5.7	4.6	3.7	3.3	2.9
15°	15.8	14.3	13.1	11.8	10.5	9.2	7.9	6.5	5.1	3.7	2.9
17.5°	20.1	18.2	16.3	14.5	12.8	11.3	9.7	8.2	6.7	5.2	3.7
20°	24.0	21.9	19.9	17.8	15.7	13.5	11.6	9.9	8.3	6.7	5.1
22.5°	28.3	25.9	23.6	21.1	18.6	16.1	13.7	11.3	9.5	7.8	6.0
25°	32.7	29.8	26.9	23.9	21.4	18.8	16.2	13.5	10.7	8.7	6.8
27.5°	36.8	33.7	30.7	27.6	24.5	21.3	18.3	15.3	12.4	9.3	7.5
30°	40.8	37.6	34.2	30.8	27.2	23.8	20.5	17.5	14.4	11.1	8.1
32.5°	45.0	41.3	37.7	33.8	30.3	26.7	22.9	19.0	15.7	12.4	9.2
35°	49.0	45.2	41.4	37.4	33.3	29.2	25.2	21.3	17.5	14.0	10.4
37.5°	53.0	49.0	44.6	40.5	36.2	31.8	27.6	23.4	19.1	14.9	11.2
40°	56.7	52.2	47.7	43.0	38.5	34.2	29.8	25.1	20.5	15.9	11.9
42.5°	60.0	55.6	50.9	46.1	41.5	36.4	30.9	26.0	21.5	17.1	13.1
45°	63.5	58.8	53.9	49.0	43.5	37.9	32.6	27.1	22.4	18.0	13.7
47.5°	66.8	61.6	56.4	51.1	45.5	39.9	34.0	28.4	23.8	18.6	13.9
50°	69.7	64.2	58.8	52.9	46.9	40.8	34.8	29.3	24.3	19.4	14.4
52.5°	72.3	66.5	60.9	54.6	48.1	41.8	35.9	30.3	24.9	19.8	14.9
55°	74.7	68.9	63.1	56.3	49.6	43.0	36.7	31.0	25.8	20.4	15.3
57.5°	77.0	71.1	64.9	58.0	51.4	44.2	37.6	32.0	26.4	20.8	15.5
60°	78.8	72.9	66.4	59.0	52.1	45.0	38.2	32.5	26.7	20.8	15.7
62.5°	80.8	74.7	68.0	60.4	53.1	45.9	39.0	32.6	26.5	21.0	16.1
65°	82.6	76.2	69.3	61.8	53.9	46.8	39.7	33.0	27.2	21.2	15.9
67.5°	83.8	77.6	70.9	63.4	55.3	47.8	40.1	33.5	27.4	21.2	15.9
70°	85.1	78.5	71.6	64.6	56.2	47.7	40.3	33.3	27.5	20.9	15.7
72.5°	86.3	79.3	72.7	65.6	57.8	48.8	41.2	33.8	27.1	20.7	15.2
75°	87.1	80.1	73.6	66.0	58.5	49.7	41.2	33.9	27.1	20.5	14.6
77.5°	87.4	80.6	73.6	66.3	59.3	51.1	42.7	34.3	26.5	20.1	14.2
80°	87.4	80.6	73.6	66.3	59.2	51.9	43.4	34.4	26.7	19.7	13.5
82.5°	87.6	80.3	73.5	66.3	59.1	51.7	43.8	35.5	27.2	19.5	12.8
85°	87.8	80.1	73.0	66.2	58.7	51.2	43.4	36.3	28.4	20.4	12.6
87.5°	87.8	80.3	72.6	65.6	58.0	51.3	42.7	35.9	28.3	21.2	13.4
90°	87.6	80.8	73.1	65.4	58.7	51.0	43.3	35.6	27.9	20.2	13.5
92.5°	87.8	80.3	72.6	65.6	58.0	51.3	42.7	35.9	28.3	21.2	13.4
95°	87.8	80.1	73.0	66.2	58.7	51.2	43.4	36.3	28.4	20.4	12.6
97.5°	87.6	80.3	73.5	66.3	59.1	51.7	43.8	35.5	27.2	19.5	12.8
100°	87.4	80.6	73.6	66.3	59.2	51.9	43.4	34.4	26.7	19.7	13.5
102.5°	87.4	80.6	73.6	66.3	59.3	51.1	42.7	34.3	26.5	20.1	14.2
105°	87.1	80.1	73.6	66.0	58.5	49.7	41.2	33.9	27.1	20.5	14.6
107.5°	86.3	79.3	72.7	65.6	57.8	48.8	41.2	33.8	27.1	20.7	15.2
110°	85.1	78.5	71.6	64.6	56.2	47.7	40.3	33.3	27.5	20.9	15.7





TEST NUMBER: P231964

CATALOG NUMBER: FVS4WM-4-LD4-30-1HI-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°	83.8	77.6	70.9	63.4	55.3	47.8	40.1	33.5	27.4	21.2	15.9
115°	82.6	76.2	69.3	61.8	53.9	46.8	39.7	33.0	27.2	21.2	15.9
117.5°	80.8	74.7	68.0	60.4	53.1	45.9	39.0	32.6	26.5	21.0	16.1
120°	78.8	72.9	66.4	59.0	52.1	45.0	38.2	32.5	26.7	20.8	15.7
122.5°	77.0	71.1	64.9	58.0	51.4	44.2	37.6	32.0	26.4	20.8	15.5
125°	74.7	68.9	63.1	56.3	49.6	43.0	36.7	31.0	25.8	20.4	15.3
127.5°	72.3	66.5	60.9	54.6	48.1	41.8	35.9	30.3	24.9	19.8	14.9
130°	69.7	64.2	58.8	52.9	46.9	40.8	34.8	29.3	24.3	19.4	14.4
132.5°	66.8	61.6	56.4	51.1	45.5	39.9	34.0	28.4	23.8	18.6	13.9
135°	63.5	58.8	53.9	49.0	43.5	37.9	32.6	27.1	22.4	18.0	13.7
137.5°	60.0	55.6	50.9	46.1	41.5	36.4	30.9	26.0	21.5	17.1	13.1
140°	56.7	52.2	47.7	43.0	38.5	34.2	29.8	25.1	20.5	15.9	11.9
142.5°	53.0	49.0	44.6	40.5	36.2	31.8	27.6	23.4	19.1	14.9	11.2
145°	49.0	45.2	41.4	37.4	33.3	29.2	25.2	21.3	17.5	14.0	10.4
147.5°	45.0	41.3	37.7	33.8	30.3	26.7	22.9	19.0	15.7	12.4	9.2
150°	40.8	37.6	34.2	30.8	27.2	23.8	20.5	17.5	14.4	11.1	8.1
152.5°	36.8	33.7	30.7	27.6	24.5	21.3	18.3	15.3	12.4	9.3	7.5
155°	32.7	29.8	26.9	23.9	21.4	18.8	16.2	13.5	10.7	8.7	6.8
157.5°	28.3	25.9	23.6	21.1	18.6	16.1	13.7	11.3	9.5	7.8	6.0
160°	24.0	21.9	19.9	17.8	15.7	13.5	11.6	9.9	8.3	6.7	5.1
162.5°	20.1	18.2	16.3	14.5	12.8	11.3	9.7	8.2	6.7	5.2	3.7
165°	15.8	14.3	13.1	11.8	10.5	9.2	7.9	6.5	5.1	3.7	2.9
167.5°	12.3	11.2	10.1	9.0	7.9	6.8	5.7	4.6	3.7	3.3	2.9
170°	9.0	8.1	7.2	6.3	5.4	4.3	4.0	3.6	3.2	2.8	2.4
172.5°	4.8	4.6	4.4	4.1	3.9	3.6	3.3	3.1	2.8	2.5	2.2
175°	3.6	3.4	3.2	3.0	2.8	2.5	2.3	2.1	1.9	1.7	1.5
177.5°	2.2	2.1	2.0	1.8	1.7	1.6	1.5	1.3	1.2	1.1	0.9
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P231964

CATALOG NUMBER: FVS4WM-4-LD4-30-1HI-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
2.5°	0.8	0.7	0.5	0.4	0.3	0.1	0.0	0.1	0.3	0.4	0.5
5°	1.3	1.1	0.8	0.6	0.4	0.2	0.0	0.2	0.4	0.6	0.8
7.5°	1.9	1.6	1.3	0.9	0.6	0.3	0.0	0.3	0.6	0.9	1.3
10°	2.1	1.7	1.4	1.0	0.7	0.3	0.0	0.3	0.7	1.0	1.4
12.5°	2.5	2.1	1.7	1.3	0.8	0.4	0.0	0.4	0.8	1.3	1.7
15°	2.5	2.0	1.6	1.2	0.8	0.4	0.0	0.4	0.8	1.2	1.6
17.5°	2.7	2.3	1.8	1.4	0.9	0.5	0.0	0.5	0.9	1.4	1.8
20°	3.6	2.6	2.1	1.6	1.1	0.5	0.0	0.5	1.1	1.6	2.1
22.5°	4.2	2.3	1.7	1.2	0.8	0.4	0.0	0.4	0.8	1.2	1.7
25°	4.9	3.1	1.8	1.3	0.9	0.4	0.0	0.4	0.9	1.3	1.8
27.5°	5.5	3.5	1.4	0.8	0.5	0.3	0.0	0.3	0.5	0.8	1.4
30°	6.0	4.0	2.0	0.9	0.6	0.3	0.0	0.3	0.6	0.9	2.0
32.5°	6.4	4.4	2.6	1.0	0.6	0.3	0.0	0.3	0.6	1.0	2.6
35°	6.8	4.7	2.9	1.2	0.7	0.3	0.0	0.3	0.7	1.2	2.9
37.5°	7.7	4.7	2.8	0.8	0.1	0.0	0.0	0.0	0.1	0.8	2.8
40°	8.4	4.8	2.7	1.0	0.0	0.0	0.0	0.0	0.0	1.0	2.7
42.5°	9.2	5.3	2.6	1.1	0.0	0.0	0.0	0.0	0.0	1.1	2.6
45°	9.4	5.9	2.8	1.4	0.0	0.0	0.0	0.0	0.0	1.4	2.8
47.5°	9.6	6.0	3.0	1.3	0.2	0.0	0.0	0.0	0.2	1.3	3.0
50°	9.9	5.9	3.0	0.9	0.2	0.0	0.0	0.0	0.2	0.9	3.0
52.5°	10.7	6.4	3.3	0.9	0.3	0.0	0.0	0.0	0.3	0.9	3.3
55°	10.3	6.4	3.2	1.3	0.4	0.0	0.0	0.0	0.4	1.3	3.2
57.5°	10.6	6.4	3.1	1.6	0.9	1.0	1.0	1.0	0.9	1.6	3.1
60°	11.1	7.0	3.7	1.7	1.0	1.0	1.0	1.0	1.0	1.7	3.7
62.5°	11.6	6.7	3.6	1.2	0.2	1.0	1.0	1.0	0.2	1.2	3.6
65°	11.5	6.9	3.5	1.2	0.8	1.0	1.0	1.0	0.8	1.2	3.5
67.5°	11.3	6.9	3.5	0.9	0.2	0.8	1.0	0.8	0.2	0.9	3.5
70°	11.5	7.0	3.1	0.9	0.0	0.6	1.0	0.6	0.0	0.9	3.1
72.5°	10.9	7.1	3.4	0.6	0.0	1.0	1.0	1.0	0.0	0.6	3.4
75°	10.0	5.9	3.0	0.8	0.0	1.0	1.0	1.0	0.0	0.8	3.0
77.5°	9.5	5.6	2.3	0.1	0.0	0.1	0.0	0.1	0.0	0.1	2.3
80°	8.6	4.5	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2
82.5°	7.6	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	6.6	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	5.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	6.6	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	7.6	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	8.6	4.5	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2
102.5°	9.5	5.6	2.3	0.1	0.0	0.1	0.0	0.1	0.0	0.1	2.3
105°	10.0	5.9	3.0	0.8	0.0	1.0	1.0	1.0	0.0	0.8	3.0
107.5°	10.9	7.1	3.4	0.6	0.0	1.0	1.0	1.0	0.0	0.6	3.4
110°	11.5	7.0	3.1	0.9	0.0	0.6	1.0	0.6	0.0	0.9	3.1



TEST NUMBER: P231964

CATALOG NUMBER: FVS4WM-4-LD4-30-1HI-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	11.3	6.9	3.5	0.9	0.2	0.8	1.0	0.8	0.2	0.9	3.5
115°	11.5	6.9	3.5	1.2	0.8	1.0	1.0	1.0	0.8	1.2	3.5
117.5°	11.6	6.7	3.6	1.2	0.2	1.0	1.0	1.0	0.2	1.2	3.6
120°	11.1	7.0	3.7	1.7	1.0	1.0	1.0	1.0	1.0	1.7	3.7
122.5°	10.6	6.4	3.1	1.6	0.9	1.0	1.0	1.0	0.9	1.6	3.1
125°	10.3	6.4	3.2	1.3	0.4	0.0	0.0	0.0	0.4	1.3	3.2
127.5°	10.7	6.4	3.3	0.9	0.3	0.0	0.0	0.0	0.3	0.9	3.3
130°	9.9	5.9	3.0	0.9	0.2	0.0	0.0	0.0	0.2	0.9	3.0
132.5°	9.6	6.0	3.0	1.3	0.2	0.0	0.0	0.0	0.2	1.3	3.0
135°	9.4	5.9	2.8	1.4	0.0	0.0	0.0	0.0	0.0	1.4	2.8
137.5°	9.2	5.3	2.6	1.1	0.0	0.0	0.0	0.0	0.0	1.1	2.6
140°	8.4	4.8	2.7	1.0	0.0	0.0	0.0	0.0	0.0	1.0	2.7
142.5°	7.7	4.7	2.8	0.8	0.1	0.0	0.0	0.0	0.1	0.8	2.8
145°	6.8	4.7	2.9	1.2	0.7	0.3	0.0	0.3	0.7	1.2	2.9
147.5°	6.4	4.4	2.6	1.0	0.6	0.3	0.0	0.3	0.6	1.0	2.6
150°	6.0	4.0	2.0	0.9	0.6	0.3	0.0	0.3	0.6	0.9	2.0
152.5°	5.5	3.5	1.4	0.8	0.5	0.3	0.0	0.3	0.5	0.8	1.4
155°	4.9	3.1	1.8	1.3	0.9	0.4	0.0	0.4	0.9	1.3	1.8
157.5°	4.2	2.3	1.7	1.2	0.8	0.4	0.0	0.4	0.8	1.2	1.7
160°	3.6	2.6	2.1	1.6	1.1	0.5	0.0	0.5	1.1	1.6	2.1
162.5°	2.7	2.3	1.8	1.4	0.9	0.5	0.0	0.5	0.9	1.4	1.8
165°	2.5	2.0	1.6	1.2	0.8	0.4	0.0	0.4	0.8	1.2	1.6
167.5°	2.5	2.1	1.7	1.3	0.8	0.4	0.0	0.4	0.8	1.3	1.7
170°	2.1	1.7	1.4	1.0	0.7	0.3	0.0	0.3	0.7	1.0	1.4
172.5°	1.9	1.6	1.3	0.9	0.6	0.3	0.0	0.3	0.6	0.9	1.3
175°	1.3	1.1	0.8	0.6	0.4	0.2	0.0	0.2	0.4	0.6	0.8
177.5°	0.8	0.7	0.5	0.4	0.3	0.1	0.0	0.1	0.3	0.4	0.5
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P231964

CATALOG NUMBER: FVS4WM-4-LD4-30-1HI-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
2.5°	0.7	0.8	0.9	1.1	1.2	1.3	1.5	1.6	1.7	1.8	2.0
5°	1.1	1.3	1.5	1.7	1.9	2.1	2.3	2.5	2.8	3.0	3.2
7.5°	1.6	1.9	2.2	2.5	2.8	3.1	3.3	3.6	3.9	4.1	4.4
10°	1.7	2.1	2.4	2.8	3.2	3.6	4.0	4.3	5.4	6.3	7.2
12.5°	2.1	2.5	2.9	3.3	3.7	4.6	5.7	6.8	7.9	9.0	10.1
15°	2.0	2.5	2.9	3.7	5.1	6.5	7.9	9.2	10.5	11.8	13.1
17.5°	2.3	2.7	3.7	5.2	6.7	8.2	9.7	11.3	12.8	14.5	16.3
20°	2.6	3.6	5.1	6.7	8.3	9.9	11.6	13.5	15.7	17.8	19.9
22.5°	2.3	4.2	6.0	7.8	9.5	11.3	13.7	16.1	18.6	21.1	23.6
25°	3.1	4.9	6.8	8.7	10.7	13.5	16.2	18.8	21.4	23.9	26.9
27.5°	3.5	5.5	7.5	9.3	12.4	15.3	18.3	21.3	24.5	27.6	30.7
30°	4.0	6.0	8.1	11.1	14.4	17.5	20.5	23.8	27.2	30.8	34.2
32.5°	4.4	6.4	9.2	12.4	15.7	19.0	22.9	26.7	30.3	33.8	37.7
35°	4.7	6.8	10.4	14.0	17.5	21.3	25.2	29.2	33.3	37.4	41.4
37.5°	4.7	7.7	11.2	14.9	19.1	23.4	27.6	31.8	36.2	40.5	44.6
40°	4.8	8.4	11.9	15.9	20.5	25.1	29.8	34.2	38.5	43.0	47.7
42.5°	5.3	9.2	13.1	17.1	21.5	26.0	30.9	36.4	41.5	46.1	50.9
45°	5.9	9.4	13.7	18.0	22.4	27.1	32.6	37.9	43.5	49.0	53.9
47.5°	6.0	9.6	13.9	18.6	23.8	28.4	34.0	39.9	45.5	51.1	56.4
50°	5.9	9.9	14.4	19.4	24.3	29.3	34.8	40.8	46.9	52.9	58.8
52.5°	6.4	10.7	14.9	19.8	24.9	30.3	35.9	41.8	48.1	54.6	60.9
55°	6.4	10.3	15.3	20.4	25.8	31.0	36.7	43.0	49.6	56.3	63.1
57.5°	6.4	10.6	15.5	20.8	26.4	32.0	37.6	44.2	51.4	58.0	64.9
60°	7.0	11.1	15.7	20.8	26.7	32.5	38.2	45.0	52.1	59.0	66.4
62.5°	6.7	11.6	16.1	21.0	26.5	32.6	39.0	45.9	53.1	60.4	68.0
65°	6.9	11.5	15.9	21.2	27.2	33.0	39.7	46.8	53.9	61.8	69.3
67.5°	6.9	11.3	15.9	21.2	27.4	33.5	40.1	47.8	55.3	63.4	70.9
70°	7.0	11.5	15.7	20.9	27.5	33.3	40.3	47.7	56.2	64.6	71.6
72.5°	7.1	10.9	15.2	20.7	27.1	33.8	41.2	48.8	57.8	65.6	72.7
75°	5.9	10.0	14.6	20.5	27.1	33.9	41.2	49.7	58.5	66.0	73.6
77.5°	5.6	9.5	14.2	20.1	26.5	34.3	42.7	51.1	59.3	66.3	73.6
80°	4.5	8.6	13.5	19.7	26.7	34.4	43.4	51.9	59.2	66.3	73.6
82.5°	3.1	7.6	12.8	19.5	27.2	35.5	43.8	51.7	59.1	66.3	73.5
85°	1.8	6.6	12.6	20.4	28.4	36.3	43.4	51.2	58.7	66.2	73.0
87.5°	0.5	5.6	13.4	21.2	28.3	35.9	42.7	51.3	58.0	65.6	72.6
90°	0.0	6.7	13.5	20.2	27.9	35.6	43.3	51.0	58.7	65.4	73.1
92.5°	0.5	5.6	13.4	21.2	28.3	35.9	42.7	51.3	58.0	65.6	72.6
95°	1.8	6.6	12.6	20.4	28.4	36.3	43.4	51.2	58.7	66.2	73.0
97.5°	3.1	7.6	12.8	19.5	27.2	35.5	43.8	51.7	59.1	66.3	73.5
100°	4.5	8.6	13.5	19.7	26.7	34.4	43.4	51.9	59.2	66.3	73.6
102.5°	5.6	9.5	14.2	20.1	26.5	34.3	42.7	51.1	59.3	66.3	73.6
105°	5.9	10.0	14.6	20.5	27.1	33.9	41.2	49.7	58.5	66.0	73.6
107.5°	7.1	10.9	15.2	20.7	27.1	33.8	41.2	48.8	57.8	65.6	72.7
110°	7.0	11.5	15.7	20.9	27.5	33.3	40.3	47.7	56.2	64.6	71.6



TEST NUMBER: P231964

CATALOG NUMBER: FVS4WM-4-LD4-30-1HI-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°	6.9	11.3	15.9	21.2	27.4	33.5	40.1	47.8	55.3	63.4	70.9
115°	6.9	11.5	15.9	21.2	27.2	33.0	39.7	46.8	53.9	61.8	69.3
117.5°	6.7	11.6	16.1	21.0	26.5	32.6	39.0	45.9	53.1	60.4	68.0
120°	7.0	11.1	15.7	20.8	26.7	32.5	38.2	45.0	52.1	59.0	66.4
122.5°	6.4	10.6	15.5	20.8	26.4	32.0	37.6	44.2	51.4	58.0	64.9
125°	6.4	10.3	15.3	20.4	25.8	31.0	36.7	43.0	49.6	56.3	63.1
127.5°	6.4	10.7	14.9	19.8	24.9	30.3	35.9	41.8	48.1	54.6	60.9
130°	5.9	9.9	14.4	19.4	24.3	29.3	34.8	40.8	46.9	52.9	58.8
132.5°	6.0	9.6	13.9	18.6	23.8	28.4	34.0	39.9	45.5	51.1	56.4
135°	5.9	9.4	13.7	18.0	22.4	27.1	32.6	37.9	43.5	49.0	53.9
137.5°	5.3	9.2	13.1	17.1	21.5	26.0	30.9	36.4	41.5	46.1	50.9
140°	4.8	8.4	11.9	15.9	20.5	25.1	29.8	34.2	38.5	43.0	47.7
142.5°	4.7	7.7	11.2	14.9	19.1	23.4	27.6	31.8	36.2	40.5	44.6
145°	4.7	6.8	10.4	14.0	17.5	21.3	25.2	29.2	33.3	37.4	41.4
147.5°	4.4	6.4	9.2	12.4	15.7	19.0	22.9	26.7	30.3	33.8	37.7
150°	4.0	6.0	8.1	11.1	14.4	17.5	20.5	23.8	27.2	30.8	34.2
152.5°	3.5	5.5	7.5	9.3	12.4	15.3	18.3	21.3	24.5	27.6	30.7
155°	3.1	4.9	6.8	8.7	10.7	13.5	16.2	18.8	21.4	23.9	26.9
157.5°	2.3	4.2	6.0	7.8	9.5	11.3	13.7	16.1	18.6	21.1	23.6
160°	2.6	3.6	5.1	6.7	8.3	9.9	11.6	13.5	15.7	17.8	19.9
162.5°	2.3	2.7	3.7	5.2	6.7	8.2	9.7	11.3	12.8	14.5	16.3
165°	2.0	2.5	2.9	3.7	5.1	6.5	7.9	9.2	10.5	11.8	13.1
167.5°	2.1	2.5	2.9	3.3	3.7	4.6	5.7	6.8	7.9	9.0	10.1
170°	1.7	2.1	2.4	2.8	3.2	3.6	4.0	4.3	5.4	6.3	7.2
172.5°	1.6	1.9	2.2	2.5	2.8	3.1	3.3	3.6	3.9	4.1	4.4
175°	1.1	1.3	1.5	1.7	1.9	2.1	2.3	2.5	2.8	3.0	3.2
177.5°	0.7	0.8	0.9	1.1	1.2	1.3	1.5	1.6	1.7	1.8	2.0
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P231964

CATALOG NUMBER: FVS4WM-4-LD4-30-1HI-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
2.5°	2.1	2.2	2.3	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.2
5°	3.4	3.6	3.8	4.0	4.2	4.4	4.6	4.8	5.0	5.2	5.4
7.5°	4.6	4.8	5.6	6.2	6.8	7.4	8.0	8.5	9.1	9.6	10.0
10°	8.1	9.0	9.8	10.5	11.3	12.0	12.7	13.4	14.0	14.7	15.3
12.5°	11.2	12.3	13.3	14.4	15.4	16.3	17.4	18.4	19.5	20.4	21.4
15°	14.3	15.8	17.3	18.8	20.2	21.5	22.8	24.1	25.3	26.5	27.7
17.5°	18.2	20.1	21.9	23.6	25.3	26.8	28.3	29.8	31.2	32.6	34.0
20°	21.9	24.0	26.1	28.2	30.5	32.5	34.3	35.9	37.6	39.3	40.9
22.5°	25.9	28.3	30.7	33.0	35.5	38.0	40.3	42.2	44.0	45.7	47.7
25°	29.8	32.7	35.4	38.1	40.7	43.3	45.9	48.3	50.6	52.9	54.9
27.5°	33.7	36.8	39.8	42.8	45.9	48.8	51.5	54.2	56.8	59.2	61.4
30°	37.6	40.8	43.9	47.2	50.6	53.6	56.7	59.9	62.7	65.4	68.0
32.5°	41.3	45.0	48.8	52.4	55.7	59.0	62.3	65.5	68.5	71.4	74.4
35°	45.2	49.0	53.0	56.9	60.5	64.2	67.8	71.2	74.3	77.2	80.2
37.5°	49.0	53.0	57.0	61.1	65.1	68.9	72.7	76.2	79.7	82.9	86.2
40°	52.2	56.7	60.9	65.1	69.2	73.5	77.6	81.3	84.8	88.2	91.7
42.5°	55.6	60.0	64.6	69.2	73.2	77.7	82.2	86.1	89.7	93.2	96.9
45°	58.8	63.5	68.0	72.8	77.5	82.0	86.5	90.9	94.5	98.2	101.8
47.5°	61.6	66.8	71.6	76.4	81.3	85.9	90.4	94.7	98.8	102.9	106.9
50°	64.2	69.7	74.9	79.8	84.7	89.4	94.1	98.6	102.9	107.2	111.3
52.5°	66.5	72.3	77.7	82.7	88.1	92.9	97.7	102.5	107.0	111.3	115.6
55°	68.9	74.7	80.5	85.7	90.9	95.8	101.0	106.2	110.9	115.0	119.5
57.5°	71.1	77.0	82.9	88.5	94.1	98.8	103.9	109.1	114.2	118.5	123.2
60°	72.9	78.8	85.1	90.8	96.4	101.6	106.9	112.1	117.2	121.8	126.4
62.5°	74.7	80.8	86.8	92.7	98.7	104.0	109.5	114.9	120.0	125.0	129.8
65°	76.2	82.6	88.7	94.5	100.7	106.2	111.9	117.4	122.6	127.6	132.1
67.5°	77.6	83.8	90.1	96.3	102.4	108.4	114.1	119.5	125.2	130.4	134.6
70°	78.5	85.1	91.4	98.0	104.2	110.2	116.0	121.5	126.7	132.2	137.3
72.5°	79.3	86.3	92.4	99.3	105.2	111.4	117.5	123.1	128.6	133.8	138.7
75°	80.1	87.1	93.4	100.0	106.3	112.6	118.7	124.3	129.6	134.9	140.1
77.5°	80.6	87.4	93.9	100.5	107.2	113.6	119.5	125.3	130.7	135.9	141.4
80°	80.6	87.4	94.1	100.9	107.6	114.2	120.3	125.7	131.4	136.9	142.6
82.5°	80.3	87.6	94.4	101.3	107.9	114.6	121.0	126.0	131.8	137.5	143.2
85°	80.1	87.8	94.5	101.2	108.0	114.6	120.6	126.2	132.0	137.7	143.5
87.5°	80.3	87.8	94.4	101.1	107.9	114.6	120.7	126.5	132.3	138.1	143.5
90°	80.8	87.6	94.3	101.0	107.8	114.5	121.2	127.0	132.8	138.6	143.4
92.5°	80.3	87.8	94.4	101.1	107.9	114.6	120.7	126.5	132.3	138.1	143.5
95°	80.1	87.8	94.5	101.2	108.0	114.6	120.6	126.2	132.0	137.7	143.5
97.5°	80.3	87.6	94.4	101.3	107.9	114.6	121.0	126.0	131.8	137.5	143.2
100°	80.6	87.4	94.1	100.9	107.6	114.2	120.3	125.7	131.4	136.9	142.6
102.5°	80.6	87.4	93.9	100.5	107.2	113.6	119.5	125.3	130.7	135.9	141.4
105°	80.1	87.1	93.4	100.0	106.3	112.6	118.7	124.3	129.6	134.9	140.1
107.5°	79.3	86.3	92.4	99.3	105.2	111.4	117.5	123.1	128.6	133.8	138.7
110°	78.5	85.1	91.4	98.0	104.2	110.2	116.0	121.5	126.7	132.2	137.3



TEST NUMBER: P231964

CATALOG NUMBER: FVS4WM-4-LD4-30-1HI-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	77.6	83.8	90.1	96.3	102.4	108.4	114.1	119.5	125.2	130.4	134.6
115°	76.2	82.6	88.7	94.5	100.7	106.2	111.9	117.4	122.6	127.6	132.1
117.5°	74.7	80.8	86.8	92.7	98.7	104.0	109.5	114.9	120.0	125.0	129.8
120°	72.9	78.8	85.1	90.8	96.4	101.6	106.9	112.1	117.2	121.8	126.4
122.5°	71.1	77.0	82.9	88.5	94.1	98.8	103.9	109.1	114.2	118.5	123.2
125°	68.9	74.7	80.5	85.7	90.9	95.8	101.0	106.2	110.9	115.0	119.5
127.5°	66.5	72.3	77.7	82.7	88.1	92.9	97.7	102.5	107.0	111.3	115.6
130°	64.2	69.7	74.9	79.8	84.7	89.4	94.1	98.6	102.9	107.2	111.3
132.5°	61.6	66.8	71.6	76.4	81.3	85.9	90.4	94.7	98.8	102.9	106.9
135°	58.8	63.5	68.0	72.8	77.5	82.0	86.5	90.9	94.5	98.2	101.8
137.5°	55.6	60.0	64.6	69.2	73.2	77.7	82.2	86.1	89.7	93.2	96.9
140°	52.2	56.7	60.9	65.1	69.2	73.5	77.6	81.3	84.8	88.2	91.7
142.5°	49.0	53.0	57.0	61.1	65.1	68.9	72.7	76.2	79.7	82.9	86.2
145°	45.2	49.0	53.0	56.9	60.5	64.2	67.8	71.2	74.3	77.2	80.2
147.5°	41.3	45.0	48.8	52.4	55.7	59.0	62.3	65.5	68.5	71.4	74.4
150°	37.6	40.8	43.9	47.2	50.6	53.6	56.7	59.9	62.7	65.4	68.0
152.5°	33.7	36.8	39.8	42.8	45.9	48.8	51.5	54.2	56.8	59.2	61.4
155°	29.8	32.7	35.4	38.1	40.7	43.3	45.9	48.3	50.6	52.9	54.9
157.5°	25.9	28.3	30.7	33.0	35.5	38.0	40.3	42.2	44.0	45.7	47.7
160°	21.9	24.0	26.1	28.2	30.5	32.5	34.3	35.9	37.6	39.3	40.9
162.5°	18.2	20.1	21.9	23.6	25.3	26.8	28.3	29.8	31.2	32.6	34.0
165°	14.3	15.8	17.3	18.8	20.2	21.5	22.8	24.1	25.3	26.5	27.7
167.5°	11.2	12.3	13.3	14.4	15.4	16.3	17.4	18.4	19.5	20.4	21.4
170°	8.1	9.0	9.8	10.5	11.3	12.0	12.7	13.4	14.0	14.7	15.3
172.5°	4.6	4.8	5.6	6.2	6.8	7.4	8.0	8.5	9.1	9.6	10.0
175°	3.4	3.6	3.8	4.0	4.2	4.4	4.6	4.8	5.0	5.2	5.4
177.5°	2.1	2.2	2.3	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.2
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P231964

CATALOG NUMBER: FVS4WM-4-LD4-30-1HI-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
2.5°	3.3	3.4	3.4	3.5	3.6	3.6	3.7	3.8	3.8	3.9	4.1
5°	5.6	5.7	5.9	6.0	6.2	6.3	6.4	6.5	6.6	6.7	7.3
7.5°	10.5	10.9	11.3	11.6	11.9	12.2	12.4	12.6	12.8	13.0	13.8
10°	15.9	16.5	17.0	17.5	17.8	18.2	18.5	18.8	19.0	19.2	20.4
12.5°	22.3	23.0	23.8	24.4	25.0	25.6	26.2	26.6	27.1	27.4	28.8
15°	28.9	30.0	30.9	31.7	32.4	33.0	33.7	34.4	35.1	35.6	37.3
17.5°	35.5	36.9	38.2	39.3	40.1	40.8	41.6	42.6	43.5	44.3	46.1
20°	42.5	44.1	45.6	47.0	47.9	48.8	49.5	50.7	51.8	52.9	54.8
22.5°	49.7	51.5	53.0	54.3	55.5	56.7	57.8	58.9	59.8	60.6	63.5
25°	56.9	58.8	60.5	62.0	63.4	64.9	66.2	67.4	68.4	69.3	72.5
27.5°	63.6	65.7	67.7	69.5	70.9	72.3	73.7	75.0	76.3	77.5	80.7
30°	70.3	72.5	74.9	77.1	78.5	79.6	81.1	82.4	84.1	85.6	88.9
32.5°	77.0	79.2	81.5	84.0	85.7	87.1	88.6	90.0	91.5	92.9	96.7
35°	83.2	85.6	87.8	90.4	92.7	94.4	96.0	97.5	98.9	100.1	104.4
37.5°	89.3	92.0	94.2	96.7	99.3	101.0	102.6	104.2	105.7	107.3	111.6
40°	95.0	98.1	100.4	102.8	105.4	107.5	109.2	110.8	112.6	114.5	118.7
42.5°	100.7	103.8	106.5	108.7	111.3	113.5	115.3	116.9	118.7	120.8	125.5
45°	105.4	108.9	112.3	114.5	117.1	119.5	121.4	123.0	124.9	127.0	132.4
47.5°	110.5	113.9	117.5	120.0	122.5	125.2	127.0	128.7	130.7	133.3	138.5
50°	115.2	118.8	122.2	125.1	127.9	130.6	132.6	134.4	136.5	139.5	144.6
52.5°	119.6	123.5	126.8	129.8	132.9	135.4	137.6	139.6	141.6	144.3	150.0
55°	123.6	127.6	131.2	134.3	137.8	140.1	142.5	144.8	146.8	149.1	155.4
57.5°	127.6	131.5	135.3	138.3	141.7	144.5	147.0	149.1	151.0	153.5	159.9
60°	130.9	135.3	139.4	142.3	145.3	148.6	151.5	153.3	155.2	157.8	164.4
62.5°	134.0	138.7	142.5	145.9	148.9	152.1	155.0	157.1	159.0	161.7	168.4
65°	137.2	141.5	145.5	149.3	152.6	155.5	158.4	160.9	162.8	165.5	172.4
67.5°	139.7	144.1	148.2	152.0	155.5	158.3	161.2	163.8	165.7	168.4	175.5
70°	141.8	146.1	150.4	154.4	157.6	161.1	163.9	166.6	168.6	171.3	178.5
72.5°	143.5	148.0	152.3	156.4	159.7	163.0	166.2	168.5	170.4	173.7	181.0
75°	145.0	149.7	154.3	158.2	161.9	164.9	168.5	170.4	172.3	176.1	183.8
77.5°	146.3	151.0	155.4	159.6	163.3	166.2	169.9	171.8	174.2	177.6	185.2
80°	147.4	152.1	156.2	160.9	164.6	167.6	171.3	173.3	176.1	179.0	186.7
82.5°	148.0	152.7	157.0	161.3	165.1	168.4	171.8	174.2	176.6	180.0	187.1
85°	148.3	153.1	157.8	161.8	165.5	169.3	172.2	175.1	177.0	180.9	187.6
87.5°	148.7	153.5	157.8	162.2	166.0	169.3	172.7	175.6	177.5	181.4	188.1
90°	149.1	154.0	157.8	162.6	166.5	169.3	173.2	176.1	178.0	181.9	188.6
92.5°	148.7	153.5	157.8	162.2	166.0	169.3	172.7	175.6	177.5	181.4	188.1
95°	148.3	153.1	157.8	161.8	165.5	169.3	172.2	175.1	177.0	180.9	187.6
97.5°	148.0	152.7	157.0	161.3	165.1	168.4	171.8	174.2	176.6	180.0	187.1
100°	147.4	152.1	156.2	160.9	164.6	167.6	171.3	173.3	176.1	179.0	186.7
102.5°	146.3	151.0	155.4	159.6	163.3	166.2	169.9	171.8	174.2	177.6	185.2
105°	145.0	149.7	154.3	158.2	161.9	164.9	168.5	170.4	172.3	176.1	183.8
107.5°	143.5	148.0	152.3	156.4	159.7	163.0	166.2	168.5	170.4	173.7	181.0
110°	141.8	146.1	150.4	154.4	157.6	161.1	163.9	166.6	168.6	171.3	178.5





TEST NUMBER: P231964

CATALOG NUMBER: FVS4WM-4-LD4-30-1HI-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°	139.7	144.1	148.2	152.0	155.5	158.3	161.2	163.8	165.7	168.4	175.5
115°	137.2	141.5	145.5	149.3	152.6	155.5	158.4	160.9	162.8	165.5	172.4
117.5°	134.0	138.7	142.5	145.9	148.9	152.1	155.0	157.1	159.0	161.7	168.4
120°	130.9	135.3	139.4	142.3	145.3	148.6	151.5	153.3	155.2	157.8	164.4
122.5°	127.6	131.5	135.3	138.3	141.7	144.5	147.0	149.1	151.0	153.5	159.9
125°	123.6	127.6	131.2	134.3	137.8	140.1	142.5	144.8	146.8	149.1	155.4
127.5°	119.6	123.5	126.8	129.8	132.9	135.4	137.6	139.6	141.6	144.3	150.0
130°	115.2	118.8	122.2	125.1	127.9	130.6	132.6	134.4	136.5	139.5	144.6
132.5°	110.5	113.9	117.5	120.0	122.5	125.2	127.0	128.7	130.7	133.3	138.5
135°	105.4	108.9	112.3	114.5	117.1	119.5	121.4	123.0	124.9	127.0	132.4
137.5°	100.7	103.8	106.5	108.7	111.3	113.5	115.3	116.9	118.7	120.8	125.5
140°	95.0	98.1	100.4	102.8	105.4	107.5	109.2	110.8	112.6	114.5	118.7
142.5°	89.3	92.0	94.2	96.7	99.3	101.0	102.6	104.2	105.7	107.3	111.6
145°	83.2	85.6	87.8	90.4	92.7	94.4	96.0	97.5	98.9	100.1	104.4
147.5°	77.0	79.2	81.5	84.0	85.7	87.1	88.6	90.0	91.5	92.9	96.7
150°	70.3	72.5	74.9	77.1	78.5	79.6	81.1	82.4	84.1	85.6	88.9
152.5°	63.6	65.7	67.7	69.5	70.9	72.3	73.7	75.0	76.3	77.5	80.7
155°	56.9	58.8	60.5	62.0	63.4	64.9	66.2	67.4	68.4	69.3	72.5
157.5°	49.7	51.5	53.0	54.3	55.5	56.7	57.8	58.9	59.8	60.6	63.5
160°	42.5	44.1	45.6	47.0	47.9	48.8	49.5	50.7	51.8	52.9	54.8
162.5°	35.5	36.9	38.2	39.3	40.1	40.8	41.6	42.6	43.5	44.3	46.1
165°	28.9	30.0	30.9	31.7	32.4	33.0	33.7	34.4	35.1	35.6	37.3
167.5°	22.3	23.0	23.8	24.4	25.0	25.6	26.2	26.6	27.1	27.4	28.8
170°	15.9	16.5	17.0	17.5	17.8	18.2	18.5	18.8	19.0	19.2	20.4
172.5°	10.5	10.9	11.3	11.6	11.9	12.2	12.4	12.6	12.8	13.0	13.8
175°	5.6	5.7	5.9	6.0	6.2	6.3	6.4	6.5	6.6	6.7	7.3
177.5°	3.3	3.4	3.4	3.5	3.6	3.6	3.7	3.8	3.8	3.9	4.1
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P231964

CATALOG NUMBER: FVS4WM-4-LD4-30-1HI-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
2.5°	4.4	4.6	4.9	5.1	5.4	5.6	5.8	6.0	6.2	6.4	6.6
5°	7.9	8.4	9.0	9.5	10.0	10.5	11.0	11.4	11.8	12.2	12.6
7.5°	14.7	15.4	16.2	16.9	17.6	18.2	19.0	20.5	21.9	23.3	24.6
10°	21.5	22.5	23.5	24.5	25.6	27.9	30.1	32.1	34.1	36.0	37.8
12.5°	30.2	31.4	32.6	34.4	37.2	39.9	42.5	45.0	47.9	51.2	54.4
15°	38.9	40.4	42.1	45.6	49.0	52.2	55.5	59.7	63.8	67.7	71.9
17.5°	47.8	49.4	52.7	56.8	60.8	64.9	70.0	74.9	79.6	84.7	89.9
20°	56.6	58.5	63.4	68.0	72.7	78.9	84.8	90.6	96.8	102.9	108.7
22.5°	66.2	69.9	75.2	80.3	86.5	93.0	99.4	106.8	113.9	120.8	128.3
25°	75.5	79.9	85.2	91.1	98.9	106.5	114.6	122.9	131.1	139.0	146.8
27.5°	83.9	89.6	95.6	103.3	111.8	120.7	129.9	138.9	148.6	157.9	167.2
30°	92.1	99.4	106.5	115.6	125.2	135.1	145.3	155.8	166.2	176.7	187.1
32.5°	100.9	108.2	116.3	126.4	137.1	148.7	160.4	172.0	183.7	195.4	206.5
35°	109.4	116.8	125.9	136.7	148.9	162.1	174.5	187.3	200.2	212.7	224.6
37.5°	117.3	125.6	136.4	148.1	161.2	174.6	188.7	202.5	217.0	229.2	242.0
40°	125.3	134.7	147.2	160.0	173.3	187.7	202.4	217.1	231.6	245.8	259.6
42.5°	132.7	142.3	156.1	170.1	184.4	200.1	215.7	231.5	247.2	262.2	276.3
45°	140.0	150.1	164.5	179.7	195.4	211.9	228.5	245.1	261.7	276.9	292.2
47.5°	146.8	158.2	172.9	188.8	205.6	223.1	240.8	258.3	275.0	291.5	307.9
50°	153.7	166.1	181.2	197.5	215.3	233.7	252.2	270.5	287.9	305.3	323.5
52.5°	159.2	172.4	188.7	205.9	225.0	244.0	263.2	282.3	301.1	319.5	337.2
55°	164.6	178.5	195.9	214.4	234.7	253.9	273.3	292.9	312.6	332.1	349.9
57.5°	169.9	184.7	202.5	221.8	242.8	262.8	282.8	303.2	323.6	343.5	362.4
60°	175.2	190.7	208.7	228.5	249.8	271.2	291.9	313.1	333.9	353.9	372.9
62.5°	180.0	195.7	214.1	234.7	256.7	278.6	300.2	322.5	343.6	363.9	383.5
65°	184.8	200.5	219.2	240.9	263.2	285.0	307.4	330.5	351.7	372.9	393.1
67.5°	187.5	204.9	224.6	246.6	269.3	291.5	314.4	337.9	359.5	381.4	401.7
70°	190.7	208.1	229.5	251.9	274.8	297.4	320.7	344.6	366.7	387.2	408.6
72.5°	193.5	211.3	233.0	255.5	278.8	302.3	326.1	350.2	373.2	394.7	415.7
75°	196.3	214.4	236.2	258.5	282.2	306.7	330.8	354.9	378.4	400.4	421.4
77.5°	198.5	216.1	238.3	261.1	285.6	310.1	334.7	358.5	382.6	405.0	426.3
80°	201.1	217.6	240.0	263.6	288.8	312.8	338.0	361.2	385.4	408.2	429.9
82.5°	201.6	219.8	242.0	265.4	290.6	314.5	339.8	363.8	388.1	410.8	432.9
85°	202.1	221.3	242.5	267.5	292.5	316.6	341.6	367.4	390.4	412.6	435.4
87.5°	202.5	221.3	242.5	268.0	292.5	316.1	342.0	367.6	390.7	413.7	436.8
90°	203.0	221.3	242.5	268.5	292.5	315.6	342.5	367.6	389.7	413.7	436.8
92.5°	202.5	221.3	242.5	268.0	292.5	316.1	342.0	367.6	390.7	413.7	436.8
95°	202.1	221.3	242.5	267.5	292.5	316.6	341.6	367.4	390.4	412.6	435.4
97.5°	201.6	219.8	242.0	265.4	290.6	314.5	339.8	363.8	388.1	410.8	432.9
100°	201.1	217.6	240.0	263.6	288.8	312.8	338.0	361.2	385.4	408.2	429.9
102.5°	198.5	216.1	238.3	261.1	285.6	310.1	334.7	358.5	382.6	405.0	426.3
105°	196.3	214.4	236.2	258.5	282.2	306.7	330.8	354.9	378.4	400.4	421.4
107.5°	193.5	211.3	233.0	255.5	278.8	302.3	326.1	350.2	373.2	394.7	415.7
110°	190.7	208.1	229.5	251.9	274.8	297.4	320.7	344.6	366.7	387.2	408.6



TEST NUMBER: P231964

CATALOG NUMBER: FVS4WM-4-LD4-30-1HI-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	187.5	204.9	224.6	246.6	269.3	291.5	314.4	337.9	359.5	381.4	401.7
115°	184.8	200.5	219.2	240.9	263.2	285.0	307.4	330.5	351.7	372.9	393.1
117.5°	180.0	195.7	214.1	234.7	256.7	278.6	300.2	322.5	343.6	363.9	383.5
120°	175.2	190.7	208.7	228.5	249.8	271.2	291.9	313.1	333.9	353.9	372.9
122.5°	169.9	184.7	202.5	221.8	242.8	262.8	282.8	303.2	323.6	343.5	362.4
125°	164.6	178.5	195.9	214.4	234.7	253.9	273.3	292.9	312.6	332.1	349.9
127.5°	159.2	172.4	188.7	205.9	225.0	244.0	263.2	282.3	301.1	319.5	337.2
130°	153.7	166.1	181.2	197.5	215.3	233.7	252.2	270.5	287.9	305.3	323.5
132.5°	146.8	158.2	172.9	188.8	205.6	223.1	240.8	258.3	275.0	291.5	307.9
135°	140.0	150.1	164.5	179.7	195.4	211.9	228.5	245.1	261.7	276.9	292.2
137.5°	132.7	142.3	156.1	170.1	184.4	200.1	215.7	231.5	247.2	262.2	276.3
140°	125.3	134.7	147.2	160.0	173.3	187.7	202.4	217.1	231.6	245.8	259.6
142.5°	117.3	125.6	136.4	148.1	161.2	174.6	188.7	202.5	217.0	229.2	242.0
145°	109.4	116.8	125.9	136.7	148.9	162.1	174.5	187.3	200.2	212.7	224.6
147.5°	100.9	108.2	116.3	126.4	137.1	148.7	160.4	172.0	183.7	195.4	206.5
150°	92.1	99.4	106.5	115.6	125.2	135.1	145.3	155.8	166.2	176.7	187.1
152.5°	83.9	89.6	95.6	103.3	111.8	120.7	129.9	138.9	148.6	157.9	167.2
155°	75.5	79.9	85.2	91.1	98.9	106.5	114.6	122.9	131.1	139.0	146.8
157.5°	66.2	69.9	75.2	80.3	86.5	93.0	99.4	106.8	113.9	120.8	128.3
160°	56.6	58.5	63.4	68.0	72.7	78.9	84.8	90.6	96.8	102.9	108.7
162.5°	47.8	49.4	52.7	56.8	60.8	64.9	70.0	74.9	79.6	84.7	89.9
165°	38.9	40.4	42.1	45.6	49.0	52.2	55.5	59.7	63.8	67.7	71.9
167.5°	30.2	31.4	32.6	34.4	37.2	39.9	42.5	45.0	47.9	51.2	54.4
170°	21.5	22.5	23.5	24.5	25.6	27.9	30.1	32.1	34.1	36.0	37.8
172.5°	14.7	15.4	16.2	16.9	17.6	18.2	19.0	20.5	21.9	23.3	24.6
175°	7.9	8.4	9.0	9.5	10.0	10.5	11.0	11.4	11.8	12.2	12.6
177.5°	4.4	4.6	4.9	5.1	5.4	5.6	5.8	6.0	6.2	6.4	6.6
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P231964

CATALOG NUMBER: FVS4WM-4-LD4-30-1HI-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
2.5°	6.7	6.9	7.0	7.1	7.2	7.3	7.4	7.5	7.5	7.6	7.6
5°	13.5	14.4	15.3	16.1	16.9	17.6	18.3	18.9	19.5	20.1	20.6
7.5°	25.8	26.9	27.9	28.9	29.8	31.2	32.1	33.7	35.1	36.4	37.6
10°	40.2	42.5	44.8	46.8	48.7	50.5	52.1	53.7	55.4	56.9	58.2
12.5°	57.4	60.3	63.1	66.3	69.2	71.9	74.4	76.8	78.9	81.0	82.9
15°	75.7	79.8	83.8	87.4	91.0	94.7	98.2	101.4	104.4	107.1	109.5
17.5°	94.9	100.4	105.1	110.3	115.1	119.5	123.4	127.0	130.3	133.3	136.2
20°	115.2	121.6	127.8	133.7	138.8	143.7	148.1	152.3	156.3	160.0	163.3
22.5°	135.5	142.6	149.7	156.2	162.4	167.8	172.9	177.7	182.2	186.4	190.1
25°	155.4	164.0	173.1	179.3	186.0	192.2	198.0	203.3	208.1	212.7	217.3
27.5°	176.5	185.6	194.0	202.0	209.7	216.6	224.1	229.3	235.1	240.5	244.9
30°	197.0	206.6	215.9	225.2	233.8	241.6	248.9	255.5	261.4	266.7	271.9
32.5°	217.0	227.5	238.1	248.3	257.2	265.6	273.5	280.7	287.0	292.5	298.1
35°	236.4	247.9	259.2	269.9	279.5	288.1	296.4	304.0	311.0	317.4	323.1
37.5°	255.0	267.4	279.5	291.0	300.6	310.2	319.5	327.5	334.7	343.1	348.6
40°	273.2	285.6	298.3	310.5	321.9	333.2	342.4	350.1	358.1	365.8	372.8
42.5°	290.3	303.8	317.8	330.7	342.6	352.7	361.9	371.3	381.0	388.6	396.0
45°	307.5	322.0	336.2	349.3	360.9	371.2	381.9	392.1	402.0	410.6	416.4
47.5°	324.0	339.1	353.5	366.9	378.9	390.5	401.7	411.9	421.5	429.2	435.8
50°	339.7	355.1	369.9	383.8	396.6	409.0	420.3	430.5	440.6	448.3	455.4
52.5°	353.8	369.9	385.5	400.0	413.5	425.6	437.3	448.3	457.1	466.1	473.6
55°	367.2	384.0	400.7	414.3	428.3	441.7	453.9	464.3	473.9	483.5	491.1
57.5°	379.4	396.8	413.1	428.6	443.5	456.5	468.9	480.3	489.9	499.2	507.6
60°	391.0	409.4	425.5	441.3	456.3	469.8	482.6	494.1	504.3	513.8	522.2
62.5°	402.0	419.9	437.2	453.3	467.8	482.7	496.2	507.9	518.0	527.6	536.2
65°	411.8	430.3	448.0	464.3	480.0	495.0	509.1	519.9	530.2	540.5	549.2
67.5°	421.4	440.0	457.4	474.7	490.6	504.8	519.0	530.6	541.4	552.0	561.4
70°	428.8	448.2	466.1	483.7	499.5	514.3	528.1	540.5	551.8	562.9	572.6
72.5°	435.6	454.9	473.2	491.2	507.4	522.8	536.7	548.9	560.9	572.2	582.1
75°	441.7	461.0	479.6	497.5	514.1	529.3	543.9	556.4	568.8	580.1	590.3
77.5°	447.0	466.6	484.8	502.7	519.7	535.4	550.0	563.1	574.7	586.4	596.6
80°	450.2	470.4	488.8	506.8	524.0	540.0	554.6	567.8	579.9	591.4	601.9
82.5°	452.8	473.4	492.0	510.0	527.1	542.6	556.9	571.4	583.9	595.5	606.1
85°	454.8	475.1	494.7	512.2	528.9	544.7	559.2	573.9	586.2	598.0	608.6
87.5°	456.5	476.3	496.1	513.8	530.5	546.2	560.7	575.4	586.9	599.5	609.9
90°	457.0	476.3	495.5	513.8	531.1	545.6	560.0	575.4	586.9	599.5	609.1
92.5°	456.5	476.3	496.1	513.8	530.5	546.2	560.7	575.4	586.9	599.5	609.9
95°	454.8	475.1	494.7	512.2	528.9	544.7	559.2	573.9	586.2	598.0	608.6
97.5°	452.8	473.4	492.0	510.0	527.1	542.6	556.9	571.4	583.9	595.5	606.1
100°	450.2	470.4	488.8	506.8	524.0	540.0	554.6	567.8	579.9	591.4	601.9
102.5°	447.0	466.6	484.8	502.7	519.7	535.4	550.0	563.1	574.7	586.4	596.6
105°	441.7	461.0	479.6	497.5	514.1	529.3	543.9	556.4	568.8	580.1	590.3
107.5°	435.6	454.9	473.2	491.2	507.4	522.8	536.7	548.9	560.9	572.2	582.1
110°	428.8	448.2	466.1	483.7	499.5	514.3	528.1	540.5	551.8	562.9	572.6



TEST NUMBER: P231964

CATALOG NUMBER: FVS4WM-4-LD4-30-1HI-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°	421.4	440.0	457.4	474.7	490.6	504.8	519.0	530.6	541.4	552.0	561.4
115°	411.8	430.3	448.0	464.3	480.0	495.0	509.1	519.9	530.2	540.5	549.2
117.5°	402.0	419.9	437.2	453.3	467.8	482.7	496.2	507.9	518.0	527.6	536.2
120°	391.0	409.4	425.5	441.3	456.3	469.8	482.6	494.1	504.3	513.8	522.2
122.5°	379.4	396.8	413.1	428.6	443.5	456.5	468.9	480.3	489.9	499.2	507.6
125°	367.2	384.0	400.7	414.3	428.3	441.7	453.9	464.3	473.9	483.5	491.1
127.5°	353.8	369.9	385.5	400.0	413.5	425.6	437.3	448.3	457.1	466.1	473.6
130°	339.7	355.1	369.9	383.8	396.6	409.0	420.3	430.5	440.6	448.3	455.4
132.5°	324.0	339.1	353.5	366.9	378.9	390.5	401.7	411.9	421.5	429.2	435.8
135°	307.5	322.0	336.2	349.3	360.9	371.2	381.9	392.1	402.0	410.6	416.4
137.5°	290.3	303.8	317.8	330.7	342.6	352.7	361.9	371.3	381.0	388.6	396.0
140°	273.2	285.6	298.3	310.5	321.9	333.2	342.4	350.1	358.1	365.8	372.8
142.5°	255.0	267.4	279.5	291.0	300.6	310.2	319.5	327.5	334.7	343.1	348.6
145°	236.4	247.9	259.2	269.9	279.5	288.1	296.4	304.0	311.0	317.4	323.1
147.5°	217.0	227.5	238.1	248.3	257.2	265.6	273.5	280.7	287.0	292.5	298.1
150°	197.0	206.6	215.9	225.2	233.8	241.6	248.9	255.5	261.4	266.7	271.9
152.5°	176.5	185.6	194.0	202.0	209.7	216.6	224.1	229.3	235.1	240.5	244.9
155°	155.4	164.0	173.1	179.3	186.0	192.2	198.0	203.3	208.1	212.7	217.3
157.5°	135.5	142.6	149.7	156.2	162.4	167.8	172.9	177.7	182.2	186.4	190.1
160°	115.2	121.6	127.8	133.7	138.8	143.7	148.1	152.3	156.3	160.0	163.3
162.5°	94.9	100.4	105.1	110.3	115.1	119.5	123.4	127.0	130.3	133.3	136.2
165°	75.7	79.8	83.8	87.4	91.0	94.7	98.2	101.4	104.4	107.1	109.5
167.5°	57.4	60.3	63.1	66.3	69.2	71.9	74.4	76.8	78.9	81.0	82.9
170°	40.2	42.5	44.8	46.8	48.7	50.5	52.1	53.7	55.4	56.9	58.2
172.5°	25.8	26.9	27.9	28.9	29.8	31.2	32.1	33.7	35.1	36.4	37.6
175°	13.5	14.4	15.3	16.1	16.9	17.6	18.3	18.9	19.5	20.1	20.6
177.5°	6.7	6.9	7.0	7.1	7.2	7.3	7.4	7.5	7.5	7.6	7.6
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P231964

CATALOG NUMBER: FVS4WM-4-LD4-30-1HI-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
2.5°	7.6	7.6	7.6	7.6	7.5	7.5	7.6	7.4	7.3	7.1	7.0
5°	21.0	21.4	21.7	22.0	22.3	22.4	22.6	22.6	23.1	22.9	22.6
7.5°	38.7	39.7	40.5	41.3	42.0	42.6	43.0	43.4	43.6	44.2	43.9
10°	59.2	60.8	62.3	63.5	64.6	65.5	66.2	66.7	67.0	67.9	67.4
12.5°	84.7	86.1	87.3	88.6	90.2	91.6	92.7	93.6	94.3	94.7	95.4
15°	111.7	113.7	115.4	116.8	117.9	119.4	120.8	121.9	122.6	123.0	123.8
17.5°	139.0	141.5	143.7	145.6	147.1	148.2	149.3	150.6	151.5	152.0	152.9
20°	166.3	169.1	171.5	173.5	175.1	176.3	177.0	178.0	179.0	179.7	180.7
22.5°	193.3	196.0	198.6	201.4	203.5	205.1	206.1	206.4	207.6	208.4	209.8
25°	221.5	225.3	228.5	230.7	232.6	234.2	235.3	235.9	236.5	237.4	237.8
27.5°	248.7	252.3	255.4	258.1	260.1	262.3	263.5	264.1	264.0	264.7	264.9
30°	275.7	279.8	283.7	286.8	288.5	289.9	291.0	291.6	291.6	291.8	292.4
32.5°	302.9	306.6	309.3	312.2	314.6	316.3	317.2	317.6	317.1	316.3	316.7
35°	327.8	331.9	335.4	338.3	340.8	342.2	342.7	343.1	343.0	342.3	343.5
37.5°	353.5	357.4	360.9	364.1	366.6	367.5	367.4	367.1	367.7	367.8	368.0
40°	378.1	381.6	384.8	388.0	390.2	391.2	391.4	391.1	391.5	391.0	391.5
42.5°	401.2	405.1	408.6	411.8	413.9	414.9	415.4	414.9	414.1	413.6	413.0
45°	422.1	427.4	431.0	434.4	436.3	438.6	438.4	438.0	437.3	436.6	434.9
47.5°	442.1	448.0	452.8	455.9	457.2	458.7	459.6	459.4	458.3	457.2	455.7
50°	461.7	467.7	472.3	475.8	478.7	479.8	480.1	479.7	479.0	477.9	477.1
52.5°	480.3	486.6	491.7	495.7	498.8	500.4	500.8	500.3	499.1	497.3	496.1
55°	497.8	504.1	509.8	513.9	517.6	519.4	519.8	519.2	518.0	516.4	515.9
57.5°	514.4	520.5	526.0	530.6	535.2	537.1	538.0	537.2	535.4	533.9	533.0
60°	529.6	535.9	540.8	546.1	550.9	553.3	554.5	553.7	552.1	550.9	550.0
62.5°	543.9	549.7	555.4	561.7	565.6	568.2	569.8	569.6	568.2	566.3	563.7
65°	557.4	564.0	569.9	575.0	579.2	582.5	584.1	584.5	582.3	580.6	578.1
67.5°	570.3	576.8	582.6	586.8	590.5	594.3	596.5	597.4	595.2	593.3	591.3
70°	581.0	588.4	594.5	597.8	601.4	604.5	607.1	608.2	607.5	604.8	603.3
72.5°	590.7	598.2	604.1	608.9	611.5	614.1	616.0	617.1	618.6	615.1	612.8
75°	598.7	606.5	612.5	617.0	620.1	622.6	623.4	625.0	625.5	624.8	621.8
77.5°	606.0	613.5	620.1	624.8	628.1	630.3	630.7	630.7	631.4	632.2	629.6
80°	611.4	618.9	625.3	630.3	633.7	636.8	637.5	636.4	634.8	636.3	636.1
82.5°	615.5	622.7	629.0	634.1	637.7	640.4	641.6	641.5	640.5	637.5	640.1
85°	618.2	625.9	631.7	636.8	640.1	642.7	644.2	643.9	643.4	641.6	638.3
87.5°	618.7	626.2	632.1	637.0	640.6	642.7	643.6	644.0	643.7	642.1	641.0
90°	618.7	625.4	632.2	637.0	639.9	641.8	643.7	642.8	641.8	639.9	637.0
92.5°	618.7	626.2	632.1	637.0	640.6	642.7	643.6	644.0	643.7	642.1	641.0
95°	618.2	625.9	631.7	636.8	640.1	642.7	644.2	643.9	643.4	641.6	638.3
97.5°	615.5	622.7	629.0	634.1	637.7	640.4	641.6	641.5	640.5	637.5	640.1
100°	611.4	618.9	625.3	630.3	633.7	636.8	637.5	636.4	634.8	636.3	636.1
102.5°	606.0	613.5	620.1	624.8	628.1	630.3	630.7	630.7	631.4	632.2	629.6
105°	598.7	606.5	612.5	617.0	620.1	622.6	623.4	625.0	625.5	624.8	621.8
107.5°	590.7	598.2	604.1	608.9	611.5	614.1	616.0	617.1	618.6	615.1	612.8
110°	581.0	588.4	594.5	597.8	601.4	604.5	607.1	608.2	607.5	604.8	603.3



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**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	570.3	576.8	582.6	586.8	590.5	594.3	596.5	597.4	595.2	593.3	591.3
115°	557.4	564.0	569.9	575.0	579.2	582.5	584.1	584.5	582.3	580.6	578.1
117.5°	543.9	549.7	555.4	561.7	565.6	568.2	569.8	569.6	568.2	566.3	563.7
120°	529.6	535.9	540.8	546.1	550.9	553.3	554.5	553.7	552.1	550.9	550.0
122.5°	514.4	520.5	526.0	530.6	535.2	537.1	538.0	537.2	535.4	533.9	533.0
125°	497.8	504.1	509.8	513.9	517.6	519.4	519.8	519.2	518.0	516.4	515.9
127.5°	480.3	486.6	491.7	495.7	498.8	500.4	500.8	500.3	499.1	497.3	496.1
130°	461.7	467.7	472.3	475.8	478.7	479.8	480.1	479.7	479.0	477.9	477.1
132.5°	442.1	448.0	452.8	455.9	457.2	458.7	459.6	459.4	458.3	457.2	455.7
135°	422.1	427.4	431.0	434.4	436.3	438.6	438.4	438.0	437.3	436.6	434.9
137.5°	401.2	405.1	408.6	411.8	413.9	414.9	415.4	414.9	414.1	413.6	413.0
140°	378.1	381.6	384.8	388.0	390.2	391.2	391.4	391.1	391.5	391.0	391.5
142.5°	353.5	357.4	360.9	364.1	366.6	367.5	367.4	367.1	367.7	367.8	368.0
145°	327.8	331.9	335.4	338.3	340.8	342.2	342.7	343.1	343.0	342.3	343.5
147.5°	302.9	306.6	309.3	312.2	314.6	316.3	317.2	317.6	317.1	316.3	316.7
150°	275.7	279.8	283.7	286.8	288.5	289.9	291.0	291.6	291.6	291.8	292.4
152.5°	248.7	252.3	255.4	258.1	260.1	262.3	263.5	264.1	264.0	264.7	264.9
155°	221.5	225.3	228.5	230.7	232.6	234.2	235.3	235.9	236.5	237.4	237.8
157.5°	193.3	196.0	198.6	201.4	203.5	205.1	206.1	206.4	207.6	208.4	209.8
160°	166.3	169.1	171.5	173.5	175.1	176.3	177.0	178.0	179.0	179.7	180.7
162.5°	139.0	141.5	143.7	145.6	147.1	148.2	149.3	150.6	151.5	152.0	152.9
165°	111.7	113.7	115.4	116.8	117.9	119.4	120.8	121.9	122.6	123.0	123.8
167.5°	84.7	86.1	87.3	88.6	90.2	91.6	92.7	93.6	94.3	94.7	95.4
170°	59.2	60.8	62.3	63.5	64.6	65.5	66.2	66.7	67.0	67.9	67.4
172.5°	38.7	39.7	40.5	41.3	42.0	42.6	43.0	43.4	43.6	44.2	43.9
175°	21.0	21.4	21.7	22.0	22.3	22.4	22.6	22.6	23.1	22.9	22.6
177.5°	7.6	7.6	7.6	7.6	7.5	7.5	7.6	7.4	7.3	7.1	7.0
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



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**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
0°	1.0	1.0
2.5°	6.8	6.7
5°	22.4	22.1
7.5°	43.6	43.3
10°	66.9	66.4
12.5°	94.8	94.3
15°	123.0	122.2
17.5°	152.0	151.1
20°	179.9	179.0
22.5°	208.8	207.8
25°	237.8	236.7
27.5°	264.9	263.6
30°	292.6	291.5
32.5°	316.8	315.6
35°	344.8	344.5
37.5°	368.1	366.6
40°	394.8	396.4
42.5°	415.2	415.7
45°	436.8	436.8
47.5°	458.8	460.9
50°	480.1	483.0
52.5°	496.8	497.5
55°	516.7	516.7
57.5°	533.7	535.9
60°	550.3	549.4
62.5°	565.2	565.8
65°	579.5	580.2
67.5°	592.0	593.7
70°	603.9	604.3
72.5°	614.2	615.8
75°	622.0	624.5
77.5°	629.7	633.1
80°	635.4	637.9
82.5°	640.1	643.7
85°	644.0	646.6
87.5°	640.4	648.5
90°	637.0	642.8
92.5°	640.4	648.5
95°	644.0	646.6
97.5°	640.1	643.7
100°	635.4	637.9
102.5°	629.7	633.1
105°	622.0	624.5
107.5°	614.2	615.8
110°	603.9	604.3





TEST NUMBER: P231964

CATALOG NUMBER: FVS4WM-4-LD4-30-1HI-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
112.5°	592.0	593.7
115°	579.5	580.2
117.5°	565.2	565.8
120°	550.3	549.4
122.5°	533.7	535.9
125°	516.7	516.7
127.5°	496.8	497.5
130°	480.1	483.0
132.5°	458.8	460.9
135°	436.8	436.8
137.5°	415.2	415.7
140°	394.8	396.4
142.5°	368.1	366.6
145°	344.8	344.5
147.5°	316.8	315.6
150°	292.6	291.5
152.5°	264.9	263.6
155°	237.8	236.7
157.5°	208.8	207.8
160°	179.9	179.0
162.5°	152.0	151.1
165°	123.0	122.2
167.5°	94.8	94.3
170°	66.9	66.4
172.5°	43.6	43.3
175°	22.4	22.1
177.5°	6.8	6.7
180°	1.0	1.0

(END OF REPORT)