

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: P231967

Luminaire Tested: **FVS4WM-4-LD4-50-1HI-PFS125-UNV-EDC1**

Issue Date: 3/3/2020



Test Information

Test Method: LM-79-08
Report Number: P231967
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-LD4-50-1HI-PFS125-UNV-EDC1
Description: FAILSAFE FVS LED FIXTURE
4FT LENGTH, 1-MODULE LED WITH PFS125 LENS
Light Source: (84) 5000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

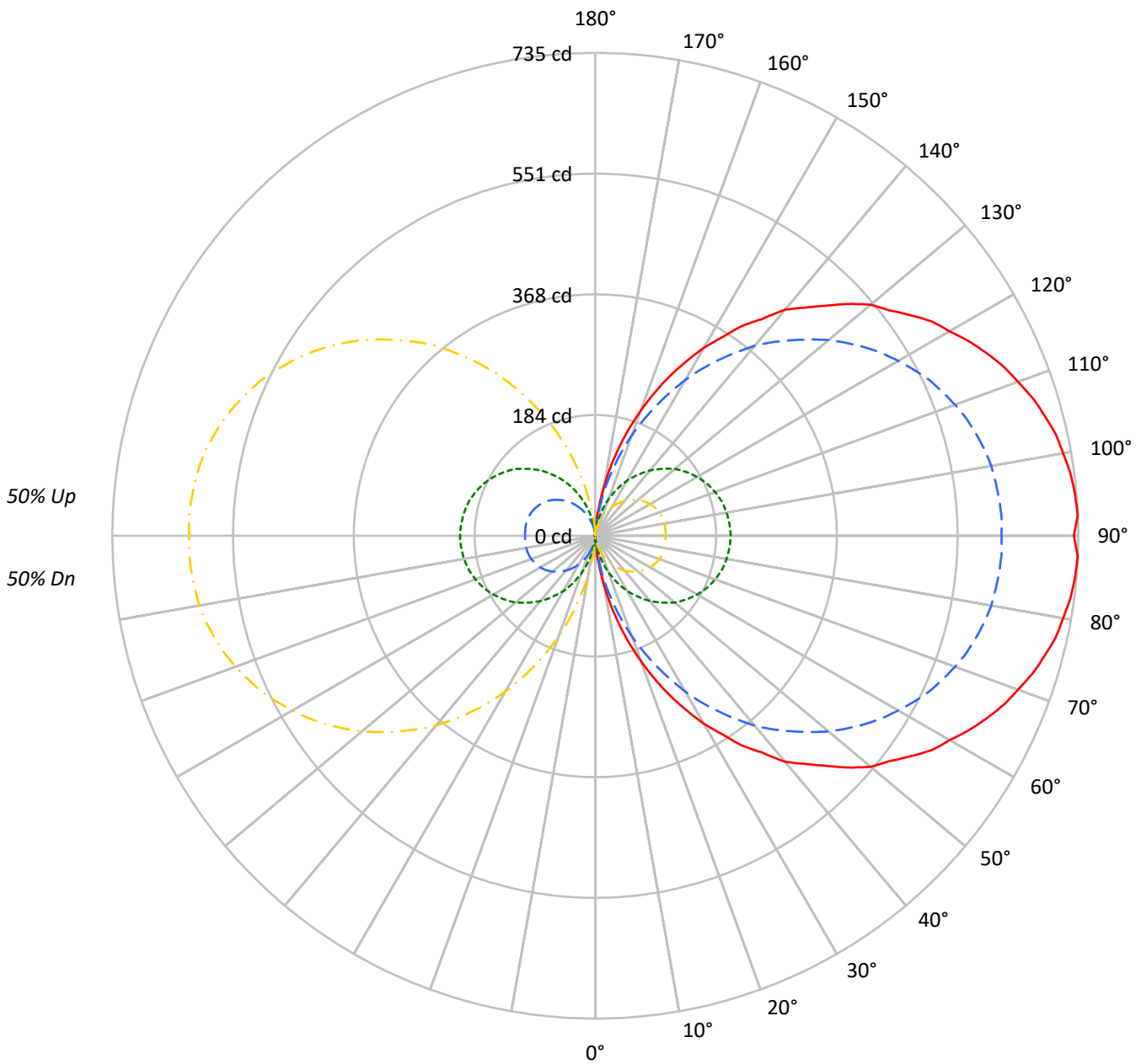
Lumens per Lamp: N/A
Luminaire Lumens: 3184.9 lumens
Efficiency: N/A
Efficacy: 71.6 lumens/watt
Spacing Criteria (0/90/45): 17.33 / 14.2 / 15.53
Luminous Opening: Rectangular w/ Sides (W: 3.79' x L: 0.19' x H: 0.31')
CIE Type: General Diffuse

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

TEST NUMBER: P231967

CATALOG NUMBER: FVS4WM-4-LD4-50-1HI-PFS125-UNV-EDC1

Luminous Intensity Polar Plot



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



TEST NUMBER: P231967

CATALOG NUMBER: FVS4WM-4-LD4-50-1HI-PFS125-UNV-EDC1

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20	
RC	80				70				50				30				10	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	107	107	107	107	99	99	99	99	83	83	83	69	69	69	56	56	56	50
1	92	85	79	74	84	78	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°	17	17	17	17
5°	333	115	0	115
10°	894	330	0	330
15°	1501	618	0	618
20°	2034	939	0	939
25°	2521	1263	0	1263
30°	2943	1619	0	1619
35°	3329	1982	0	1982
40°	3702	2398	0	2398
45°	3974	2847	0	2847
50°	4317	3391	0	3391
55°	4571	3991	0	3991
60°	4850	4738	9	4738
65°	5149	5708	9	5708
70°	5432	7006	9	7006
75°	5732	8925	9	8925
80°	6030	12050	0	12050
85°	6347	18337	0	18337



TEST NUMBER: P231967

CATALOG NUMBER: FVS4WM-4-LD4-50-1HI-PFS125-UNV-EDC1

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1.8	0.1
10°-20°	17.8	0.6
20°-30°	55.6	1.7
30°-40°	110.8	3.5
40°-50°	175.0	5.5
50°-60°	239.6	7.5
60°-70°	296.3	9.3
70°-80°	337.6	10.6
80°-90°	358.1	11.2
90°-100°	358.1	11.2
100°-110°	337.6	10.6
110°-120°	296.3	9.3
120°-130°	239.6	7.5
130°-140°	175.0	5.5
140°-150°	110.8	3.5
150°-160°	55.6	1.7
160°-170°	17.8	0.6
170°-180°	1.8	0.1
0°-30°	75.2	2.4
0°-40°	185.9	5.8
0°-60°	600.5	18.9
0°-90°	1592.5	50.0
90°-120°	992.0	31.1
90°-150°	1517.3	47.6
90°-180°	1592.0	50.0
0°-180°	3184.9	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1	1	1	1	1	
5°	25	8	0	8	25	4
15°	138	40	0	40	138	41
25°	268	78	0	78	268	125
35°	390	113	0	113	390	245
45°	495	144	0	144	495	386
55°	585	169	0	169	585	526
65°	657	188	1	188	657	652
75°	708	200	1	200	708	748
85°	733	205	0	205	733	597
90°	728	206	0	206	728	401
95°	733	205	0	205	733	597
105°	708	200	1	200	708	748
115°	657	188	1	188	657	652
125°	585	169	0	169	585	526
135°	495	144	0	144	495	386
145°	390	113	0	113	390	245
155°	268	78	0	78	268	125
165°	138	40	0	40	138	41
175°	25	8	0	8	25	4
180°	1	1	1	1	1	



TEST NUMBER: P231967

CATALOG NUMBER: FVS4WM-4-LD4-50-1HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
2.5°	7.6	7.8	7.9	8.1	8.3	8.4	8.6	8.4	8.5	8.6	8.6
5°	25.1	25.4	25.7	26.0	26.2	25.7	25.6	25.5	25.3	25.0	24.7
7.5°	49.1	49.5	49.8	50.2	49.4	49.2	48.8	48.3	47.6	46.9	46.0
10°	75.2	75.8	76.4	76.9	75.9	75.5	75.0	74.2	73.2	72.0	70.6
12.5°	106.8	107.4	108.0	107.3	106.8	106.1	105.1	103.8	102.2	100.3	99.0
15°	138.5	139.4	140.2	139.4	139.0	138.1	136.9	135.2	133.6	132.3	130.7
17.5°	171.2	172.2	173.2	172.2	171.7	170.7	169.2	167.9	166.6	164.9	162.8
20°	202.8	203.8	204.8	203.5	202.8	201.6	200.5	199.7	198.4	196.6	194.3
22.5°	235.5	236.6	237.7	236.2	235.2	233.9	233.5	232.4	230.6	228.2	225.1
25°	268.2	269.5	269.4	269.0	267.9	267.3	266.6	265.3	263.6	261.3	258.9
27.5°	298.7	300.1	300.2	299.9	299.1	299.2	298.6	297.1	294.6	292.4	289.3
30°	330.3	331.6	331.3	330.6	330.4	330.4	329.7	328.4	326.9	324.9	321.4
32.5°	357.6	359.0	358.8	358.3	359.3	359.8	359.4	358.3	356.4	353.7	350.4
35°	390.3	390.7	389.2	387.9	388.7	388.7	388.3	387.7	386.1	383.3	380.0
37.5°	415.4	417.0	416.8	416.6	416.6	416.0	416.3	416.3	415.4	412.5	408.9
40°	449.2	447.4	443.6	443.0	443.6	443.1	443.5	443.2	442.0	439.6	435.9
42.5°	471.0	470.5	468.0	468.6	469.3	470.1	470.6	470.1	469.0	466.6	462.9
45°	494.9	494.9	492.7	494.7	495.5	496.3	496.8	497.0	494.4	492.2	488.3
47.5°	522.2	519.8	516.3	518.0	519.3	520.6	520.8	519.8	518.0	516.6	513.0
50°	547.3	544.0	540.6	541.5	542.7	543.5	544.0	543.6	542.4	539.0	535.1
52.5°	563.6	562.9	562.1	563.4	565.5	566.9	567.4	567.0	565.1	561.6	557.0
55°	585.4	585.4	584.5	585.1	586.9	588.3	588.9	588.5	586.5	582.3	577.5
57.5°	607.2	604.7	603.9	605.0	606.6	608.7	609.6	608.5	606.3	601.2	596.0
60°	622.5	623.5	623.1	624.2	625.6	627.3	628.2	626.8	624.1	618.7	612.7
62.5°	641.0	640.3	638.6	641.7	643.7	645.4	645.6	643.8	640.8	636.4	629.3
65°	657.4	656.6	655.0	657.8	659.8	662.2	661.7	659.9	656.2	651.5	645.7
67.5°	672.6	670.9	670.0	672.2	674.4	676.9	675.8	673.3	669.1	664.9	660.1
70°	684.6	684.2	683.5	685.2	688.3	689.1	687.8	685.0	681.4	677.3	673.6
72.5°	697.7	695.8	694.3	696.9	700.8	699.1	698.0	695.8	692.9	689.9	684.5
75°	707.5	704.7	704.5	708.0	708.7	708.1	706.3	705.4	702.6	699.0	694.0
77.5°	717.3	713.5	713.3	716.3	715.3	714.7	714.6	714.2	711.6	707.9	702.5
80°	722.8	719.9	720.8	721.0	719.2	721.1	722.3	721.4	717.9	714.2	708.5
82.5°	729.3	725.3	725.2	722.3	725.8	726.9	727.0	725.6	722.5	718.4	712.6
85°	732.6	729.6	723.2	727.0	728.9	729.5	729.8	728.2	725.3	721.5	715.7
87.5°	734.8	725.7	726.4	727.5	729.2	729.6	729.2	728.1	725.9	721.7	716.2
90°	728.2	721.7	721.7	725.0	727.2	728.2	729.3	727.2	725.0	721.7	716.3
92.5°	734.8	725.7	726.4	727.5	729.2	729.6	729.2	728.1	725.9	721.7	716.2
95°	732.6	729.6	723.2	727.0	728.9	729.5	729.8	728.2	725.3	721.5	715.7
97.5°	729.3	725.3	725.2	722.3	725.8	726.9	727.0	725.6	722.5	718.4	712.6
100°	722.8	719.9	720.8	721.0	719.2	721.1	722.3	721.4	717.9	714.2	708.5
102.5°	717.3	713.5	713.3	716.3	715.3	714.7	714.6	714.2	711.6	707.9	702.5
105°	707.5	704.7	704.5	708.0	708.7	708.1	706.3	705.4	702.6	699.0	694.0
107.5°	697.7	695.8	694.3	696.9	700.8	699.1	698.0	695.8	692.9	689.9	684.5
110°	684.6	684.2	683.5	685.2	688.3	689.1	687.8	685.0	681.4	677.3	673.6



TEST NUMBER: P231967

CATALOG NUMBER: FVS4WM-4-LD4-50-1HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
112.5°	672.6	670.9	670.0	672.2	674.4	676.9	675.8	673.3	669.1	664.9	660.1
115°	657.4	656.6	655.0	657.8	659.8	662.2	661.7	659.9	656.2	651.5	645.7
117.5°	641.0	640.3	638.6	641.7	643.7	645.4	645.6	643.8	640.8	636.4	629.3
120°	622.5	623.5	623.1	624.2	625.6	627.3	628.2	626.8	624.1	618.7	612.7
122.5°	607.2	604.7	603.9	605.0	606.6	608.7	609.6	608.5	606.3	601.2	596.0
125°	585.4	585.4	584.5	585.1	586.9	588.3	588.9	588.5	586.5	582.3	577.5
127.5°	563.6	562.9	562.1	563.4	565.5	566.9	567.4	567.0	565.1	561.6	557.0
130°	547.3	544.0	540.6	541.5	542.7	543.5	544.0	543.6	542.4	539.0	535.1
132.5°	522.2	519.8	516.3	518.0	519.3	520.6	520.8	519.8	518.0	516.6	513.0
135°	494.9	494.9	492.7	494.7	495.5	496.3	496.8	497.0	494.4	492.2	488.3
137.5°	471.0	470.5	468.0	468.6	469.3	470.1	470.6	470.1	469.0	466.6	462.9
140°	449.2	447.4	443.6	443.0	443.6	443.1	443.5	443.2	442.0	439.6	435.9
142.5°	415.4	417.0	416.8	416.6	416.6	416.0	416.3	416.3	415.4	412.5	408.9
145°	390.3	390.7	389.2	387.9	388.7	388.7	388.3	387.7	386.1	383.3	380.0
147.5°	357.6	359.0	358.8	358.3	359.3	359.8	359.4	358.3	356.4	353.7	350.4
150°	330.3	331.6	331.3	330.6	330.4	330.4	329.7	328.4	326.9	324.9	321.4
152.5°	298.7	300.1	300.2	299.9	299.1	299.2	298.6	297.1	294.6	292.4	289.3
155°	268.2	269.5	269.4	269.0	267.9	267.3	266.6	265.3	263.6	261.3	258.9
157.5°	235.5	236.6	237.7	236.2	235.2	233.9	233.5	232.4	230.6	228.2	225.1
160°	202.8	203.8	204.8	203.5	202.8	201.6	200.5	199.7	198.4	196.6	194.3
162.5°	171.2	172.2	173.2	172.2	171.7	170.7	169.2	167.9	166.6	164.9	162.8
165°	138.5	139.4	140.2	139.4	139.0	138.1	136.9	135.2	133.6	132.3	130.7
167.5°	106.8	107.4	108.0	107.3	106.8	106.1	105.1	103.8	102.2	100.3	99.0
170°	75.2	75.8	76.4	76.9	75.9	75.5	75.0	74.2	73.2	72.0	70.6
172.5°	49.1	49.5	49.8	50.2	49.4	49.2	48.8	48.3	47.6	46.9	46.0
175°	25.1	25.4	25.7	26.0	26.2	25.7	25.6	25.5	25.3	25.0	24.7
177.5°	7.6	7.8	7.9	8.1	8.3	8.4	8.6	8.4	8.5	8.6	8.6
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: P231967

CATALOG NUMBER: FVS4WM-4-LD4-50-1HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
2.5°	8.6	8.6	8.6	8.6	8.5	8.5	8.4	8.3	8.2	8.1	7.9
5°	24.3	23.8	23.3	22.7	22.1	21.4	20.7	19.9	19.1	18.2	17.3
7.5°	44.9	43.8	42.6	41.2	39.7	38.2	36.4	35.3	33.8	32.7	31.6
10°	68.9	67.0	65.9	64.4	62.8	60.9	59.0	57.2	55.2	53.1	50.7
12.5°	97.6	95.9	94.0	91.7	89.3	87.0	84.4	81.5	78.4	75.1	71.6
15°	128.8	126.6	124.1	121.3	118.3	114.9	111.2	107.3	103.1	99.1	94.9
17.5°	160.3	157.5	154.3	151.0	147.6	143.9	139.9	135.4	130.4	125.0	119.1
20°	191.6	188.4	185.1	181.3	177.1	172.6	167.8	162.8	157.3	151.5	144.8
22.5°	222.1	219.0	215.3	211.2	206.5	201.3	195.9	190.0	183.9	177.0	169.6
25°	255.2	251.0	246.2	240.9	235.8	230.4	224.4	217.8	210.7	203.2	196.2
27.5°	285.8	281.8	277.5	272.5	266.4	259.8	253.9	245.5	237.5	228.9	219.9
30°	317.0	312.3	308.1	302.2	296.2	289.5	282.0	273.8	264.9	255.2	244.6
32.5°	347.4	343.2	337.7	331.4	325.2	318.1	309.9	300.9	291.5	281.3	269.8
35°	376.0	371.4	366.0	359.6	352.3	344.4	335.9	326.4	316.7	305.8	293.7
37.5°	404.9	400.5	395.0	388.7	379.3	371.0	362.0	351.4	340.5	329.7	316.7
40°	432.3	428.4	422.4	414.4	405.7	396.6	387.9	377.6	364.6	351.8	338.0
42.5°	458.9	454.5	448.6	440.2	431.7	420.6	410.0	399.6	388.1	374.7	360.0
45°	484.3	478.2	471.8	465.2	455.4	444.3	432.7	420.5	408.8	395.8	380.9
47.5°	507.5	500.9	493.7	486.2	477.5	466.7	455.1	442.4	429.2	415.7	400.5
50°	529.9	523.0	515.9	507.9	499.2	487.7	476.1	463.3	449.3	434.8	419.0
52.5°	551.3	544.1	536.5	528.1	517.9	507.9	495.5	482.1	468.5	453.2	436.7
55°	571.1	564.0	556.4	547.9	536.9	526.0	514.2	500.4	485.2	469.5	454.0
57.5°	589.7	582.8	575.1	565.6	555.0	544.2	531.2	517.1	502.4	485.6	468.1
60°	607.1	600.0	591.7	582.2	571.4	559.8	546.8	532.2	516.9	500.1	482.2
62.5°	622.8	616.2	607.6	597.8	586.8	575.4	562.2	546.9	530.1	513.5	495.3
65°	639.0	631.6	622.2	612.4	600.7	589.0	576.8	560.8	543.9	526.1	507.6
67.5°	653.6	646.2	636.1	625.4	613.4	601.1	588.0	571.9	555.8	537.8	518.2
70°	666.7	658.2	648.8	637.7	625.2	612.4	598.4	582.6	565.8	548.0	528.0
72.5°	677.7	669.3	659.6	648.3	635.5	622.0	608.1	592.4	574.8	556.5	536.1
75°	687.2	678.4	668.8	657.3	644.4	630.4	616.2	599.7	582.5	563.7	543.3
77.5°	695.1	686.5	675.9	664.4	651.1	638.0	623.1	606.6	588.8	569.5	549.2
80°	701.2	692.6	681.9	670.0	656.9	643.3	628.3	611.8	593.7	574.2	553.8
82.5°	705.5	697.4	686.7	674.7	661.5	647.3	631.0	614.7	597.2	577.8	557.5
85°	709.1	700.5	689.6	677.5	664.1	650.1	633.5	617.2	599.2	580.4	560.5
87.5°	709.4	701.0	691.1	679.2	665.0	651.9	635.3	618.9	601.1	582.2	562.1
90°	708.6	701.0	690.1	679.2	665.0	651.9	634.5	618.1	601.8	582.2	561.4
92.5°	709.4	701.0	691.1	679.2	665.0	651.9	635.3	618.9	601.1	582.2	562.1
95°	709.1	700.5	689.6	677.5	664.1	650.1	633.5	617.2	599.2	580.4	560.5
97.5°	705.5	697.4	686.7	674.7	661.5	647.3	631.0	614.7	597.2	577.8	557.5
100°	701.2	692.6	681.9	670.0	656.9	643.3	628.3	611.8	593.7	574.2	553.8
102.5°	695.1	686.5	675.9	664.4	651.1	638.0	623.1	606.6	588.8	569.5	549.2
105°	687.2	678.4	668.8	657.3	644.4	630.4	616.2	599.7	582.5	563.7	543.3
107.5°	677.7	669.3	659.6	648.3	635.5	622.0	608.1	592.4	574.8	556.5	536.1
110°	666.7	658.2	648.8	637.7	625.2	612.4	598.4	582.6	565.8	548.0	528.0



TEST NUMBER: P231967

CATALOG NUMBER: FVS4WM-4-LD4-50-1HI-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°	653.6	646.2	636.1	625.4	613.4	601.1	588.0	571.9	555.8	537.8	518.2
115°	639.0	631.6	622.2	612.4	600.7	589.0	576.8	560.8	543.9	526.1	507.6
117.5°	622.8	616.2	607.6	597.8	586.8	575.4	562.2	546.9	530.1	513.5	495.3
120°	607.1	600.0	591.7	582.2	571.4	559.8	546.8	532.2	516.9	500.1	482.2
122.5°	589.7	582.8	575.1	565.6	555.0	544.2	531.2	517.1	502.4	485.6	468.1
125°	571.1	564.0	556.4	547.9	536.9	526.0	514.2	500.4	485.2	469.5	454.0
127.5°	551.3	544.1	536.5	528.1	517.9	507.9	495.5	482.1	468.5	453.2	436.7
130°	529.9	523.0	515.9	507.9	499.2	487.7	476.1	463.3	449.3	434.8	419.0
132.5°	507.5	500.9	493.7	486.2	477.5	466.7	455.1	442.4	429.2	415.7	400.5
135°	484.3	478.2	471.8	465.2	455.4	444.3	432.7	420.5	408.8	395.8	380.9
137.5°	458.9	454.5	448.6	440.2	431.7	420.6	410.0	399.6	388.1	374.7	360.0
140°	432.3	428.4	422.4	414.4	405.7	396.6	387.9	377.6	364.6	351.8	338.0
142.5°	404.9	400.5	395.0	388.7	379.3	371.0	362.0	351.4	340.5	329.7	316.7
145°	376.0	371.4	366.0	359.6	352.3	344.4	335.9	326.4	316.7	305.8	293.7
147.5°	347.4	343.2	337.7	331.4	325.2	318.1	309.9	300.9	291.5	281.3	269.8
150°	317.0	312.3	308.1	302.2	296.2	289.5	282.0	273.8	264.9	255.2	244.6
152.5°	285.8	281.8	277.5	272.5	266.4	259.8	253.9	245.5	237.5	228.9	219.9
155°	255.2	251.0	246.2	240.9	235.8	230.4	224.4	217.8	210.7	203.2	196.2
157.5°	222.1	219.0	215.3	211.2	206.5	201.3	195.9	190.0	183.9	177.0	169.6
160°	191.6	188.4	185.1	181.3	177.1	172.6	167.8	162.8	157.3	151.5	144.8
162.5°	160.3	157.5	154.3	151.0	147.6	143.9	139.9	135.4	130.4	125.0	119.1
165°	128.8	126.6	124.1	121.3	118.3	114.9	111.2	107.3	103.1	99.1	94.9
167.5°	97.6	95.9	94.0	91.7	89.3	87.0	84.4	81.5	78.4	75.1	71.6
170°	68.9	67.0	65.9	64.4	62.8	60.9	59.0	57.2	55.2	53.1	50.7
172.5°	44.9	43.8	42.6	41.2	39.7	38.2	36.4	35.3	33.8	32.7	31.6
175°	24.3	23.8	23.3	22.7	22.1	21.4	20.7	19.9	19.1	18.2	17.3
177.5°	8.6	8.6	8.6	8.6	8.5	8.5	8.4	8.3	8.2	8.1	7.9
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: P231967

CATALOG NUMBER: FVS4WM-4-LD4-50-1HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
2.5°	7.8	7.6	7.4	7.2	7.0	6.8	6.6	6.3	6.1	5.8	5.5
5°	16.3	15.3	14.3	13.8	13.4	12.9	12.4	11.9	11.3	10.8	10.2
7.5°	30.5	29.2	27.8	26.4	24.8	23.2	21.5	20.6	19.9	19.2	18.4
10°	48.2	45.5	42.9	40.7	38.6	36.4	34.0	31.6	29.0	27.7	26.6
12.5°	68.4	65.1	61.7	58.1	54.3	51.0	48.2	45.2	42.1	38.9	37.0
15°	90.5	85.8	81.6	76.7	72.3	67.7	62.9	59.2	55.5	51.7	47.7
17.5°	113.8	107.6	101.9	96.0	90.2	84.9	79.4	73.6	68.8	64.4	59.8
20°	137.8	130.5	123.2	116.6	109.7	102.6	96.1	89.3	82.3	77.0	71.8
22.5°	161.6	153.5	145.3	136.9	129.0	121.0	112.5	105.2	97.9	91.0	85.2
25°	185.9	176.1	166.3	157.5	148.5	139.3	129.9	120.6	112.1	103.2	96.5
27.5°	210.3	200.1	189.5	178.9	168.4	157.4	147.2	136.8	126.8	117.0	108.3
30°	234.0	223.2	212.0	200.3	188.3	176.5	164.6	153.1	141.8	131.0	120.6
32.5°	257.7	245.9	233.9	221.4	208.2	194.9	181.7	168.5	155.3	143.2	131.8
35°	280.9	267.8	254.5	241.0	226.8	212.2	197.7	183.6	168.7	155.0	142.7
37.5°	302.9	288.9	274.3	259.7	245.8	229.4	213.7	197.8	182.6	167.9	154.6
40°	323.6	309.4	294.1	278.5	262.4	245.9	229.2	212.6	196.4	181.3	166.8
42.5°	344.1	328.8	313.1	297.0	280.1	262.3	244.4	226.6	209.0	192.8	176.9
45°	364.8	348.3	331.0	313.7	296.6	277.8	258.9	240.0	221.4	203.6	186.5
47.5°	384.3	367.0	348.8	330.3	311.6	292.7	272.9	252.8	233.0	213.9	195.9
50°	402.3	384.9	366.5	345.9	326.2	306.5	285.8	264.8	244.0	223.8	205.3
52.5°	419.1	400.9	382.0	362.0	341.2	319.8	298.2	276.5	254.9	233.3	213.8
55°	435.0	416.1	396.5	376.2	354.2	331.9	309.6	287.7	266.0	242.9	222.1
57.5°	449.6	429.8	410.6	389.1	366.7	343.5	320.5	297.7	275.1	251.3	229.5
60°	463.9	443.0	422.4	401.0	378.4	354.8	330.8	307.2	283.0	258.8	236.5
62.5°	475.8	455.5	434.5	412.2	389.3	365.4	340.1	315.6	290.9	266.0	242.6
65°	487.5	466.6	445.4	422.5	398.5	374.4	348.3	322.9	298.2	273.0	248.4
67.5°	498.5	477.4	455.1	432.1	407.3	382.8	356.2	330.2	305.1	279.4	254.5
70°	507.8	485.8	462.9	438.7	415.4	390.4	363.4	336.9	311.4	285.3	260.0
72.5°	515.4	493.6	470.9	447.2	422.8	396.8	369.4	342.4	315.9	289.4	264.1
75°	522.3	500.4	477.4	453.6	428.8	402.1	374.8	347.5	319.7	292.8	267.7
77.5°	528.7	506.4	483.0	458.8	433.5	406.2	379.2	351.3	323.6	295.9	270.0
80°	533.0	510.2	487.1	462.5	436.7	409.2	382.9	354.4	327.3	298.6	271.9
82.5°	536.3	513.1	490.5	465.4	439.7	412.2	384.9	356.4	329.3	300.7	274.1
85°	538.2	515.3	493.3	467.5	442.4	416.1	387.0	358.6	331.4	303.0	274.7
87.5°	539.6	517.1	494.9	468.8	442.7	416.4	387.5	358.2	331.4	303.6	274.7
90°	539.6	517.8	494.9	468.8	441.5	416.4	388.1	357.6	331.4	304.2	274.7
92.5°	539.6	517.1	494.9	468.8	442.7	416.4	387.5	358.2	331.4	303.6	274.7
95°	538.2	515.3	493.3	467.5	442.4	416.1	387.0	358.6	331.4	303.0	274.7
97.5°	536.3	513.1	490.5	465.4	439.7	412.2	384.9	356.4	329.3	300.7	274.1
100°	533.0	510.2	487.1	462.5	436.7	409.2	382.9	354.4	327.3	298.6	271.9
102.5°	528.7	506.4	483.0	458.8	433.5	406.2	379.2	351.3	323.6	295.9	270.0
105°	522.3	500.4	477.4	453.6	428.8	402.1	374.8	347.5	319.7	292.8	267.7
107.5°	515.4	493.6	470.9	447.2	422.8	396.8	369.4	342.4	315.9	289.4	264.1
110°	507.8	485.8	462.9	438.7	415.4	390.4	363.4	336.9	311.4	285.3	260.0



TEST NUMBER: P231967

CATALOG NUMBER: FVS4WM-4-LD4-50-1HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	498.5	477.4	455.1	432.1	407.3	382.8	356.2	330.2	305.1	279.4	254.5
115°	487.5	466.6	445.4	422.5	398.5	374.4	348.3	322.9	298.2	273.0	248.4
117.5°	475.8	455.5	434.5	412.2	389.3	365.4	340.1	315.6	290.9	266.0	242.6
120°	463.9	443.0	422.4	401.0	378.4	354.8	330.8	307.2	283.0	258.8	236.5
122.5°	449.6	429.8	410.6	389.1	366.7	343.5	320.5	297.7	275.1	251.3	229.5
125°	435.0	416.1	396.5	376.2	354.2	331.9	309.6	287.7	266.0	242.9	222.1
127.5°	419.1	400.9	382.0	362.0	341.2	319.8	298.2	276.5	254.9	233.3	213.8
130°	402.3	384.9	366.5	345.9	326.2	306.5	285.8	264.8	244.0	223.8	205.3
132.5°	384.3	367.0	348.8	330.3	311.6	292.7	272.9	252.8	233.0	213.9	195.9
135°	364.8	348.3	331.0	313.7	296.6	277.8	258.9	240.0	221.4	203.6	186.5
137.5°	344.1	328.8	313.1	297.0	280.1	262.3	244.4	226.6	209.0	192.8	176.9
140°	323.6	309.4	294.1	278.5	262.4	245.9	229.2	212.6	196.4	181.3	166.8
142.5°	302.9	288.9	274.3	259.7	245.8	229.4	213.7	197.8	182.6	167.9	154.6
145°	280.9	267.8	254.5	241.0	226.8	212.2	197.7	183.6	168.7	155.0	142.7
147.5°	257.7	245.9	233.9	221.4	208.2	194.9	181.7	168.5	155.3	143.2	131.8
150°	234.0	223.2	212.0	200.3	188.3	176.5	164.6	153.1	141.8	131.0	120.6
152.5°	210.3	200.1	189.5	178.9	168.4	157.4	147.2	136.8	126.8	117.0	108.3
155°	185.9	176.1	166.3	157.5	148.5	139.3	129.9	120.6	112.1	103.2	96.5
157.5°	161.6	153.5	145.3	136.9	129.0	121.0	112.5	105.2	97.9	91.0	85.2
160°	137.8	130.5	123.2	116.6	109.7	102.6	96.1	89.3	82.3	77.0	71.8
162.5°	113.8	107.6	101.9	96.0	90.2	84.9	79.4	73.6	68.8	64.4	59.8
165°	90.5	85.8	81.6	76.7	72.3	67.7	62.9	59.2	55.5	51.7	47.7
167.5°	68.4	65.1	61.7	58.1	54.3	51.0	48.2	45.2	42.1	38.9	37.0
170°	48.2	45.5	42.9	40.7	38.6	36.4	34.0	31.6	29.0	27.7	26.6
172.5°	30.5	29.2	27.8	26.4	24.8	23.2	21.5	20.6	19.9	19.2	18.4
175°	16.3	15.3	14.3	13.8	13.4	12.9	12.4	11.9	11.3	10.8	10.2
177.5°	7.8	7.6	7.4	7.2	7.0	6.8	6.6	6.3	6.1	5.8	5.5
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: P231967

CATALOG NUMBER: FVS4WM-4-LD4-50-1HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
2.5°	5.2	5.0	4.7	4.4	4.3	4.2	4.2	4.1	4.0	4.0	3.9
5°	9.5	8.9	8.3	7.6	7.5	7.4	7.3	7.1	7.0	6.8	6.6
7.5°	17.5	16.6	15.7	14.7	14.5	14.3	14.1	13.8	13.5	13.1	12.7
10°	25.5	24.3	23.1	21.8	21.6	21.3	21.0	20.6	20.2	19.8	19.2
12.5°	35.6	34.2	32.7	31.1	30.7	30.2	29.6	29.0	28.4	27.7	26.9
15°	45.8	44.1	42.2	40.3	39.7	39.0	38.2	37.4	36.7	35.9	35.0
17.5°	56.0	54.2	52.2	50.2	49.3	48.3	47.2	46.3	45.5	44.5	43.4
20°	66.3	64.2	62.2	60.0	58.8	57.5	56.1	55.3	54.3	53.3	51.6
22.5°	79.2	75.0	72.0	68.7	67.8	66.7	65.5	64.2	62.8	61.5	60.0
25°	90.6	85.5	82.1	78.5	77.5	76.3	75.0	73.5	71.9	70.2	68.5
27.5°	101.5	95.0	91.5	87.8	86.4	84.9	83.5	82.0	80.4	78.7	76.7
30°	112.6	104.4	100.8	97.0	95.3	93.5	92.0	90.3	88.9	87.4	84.8
32.5°	122.6	114.3	109.5	105.2	103.7	102.0	100.4	98.7	97.1	95.1	92.3
35°	132.3	124.0	118.3	113.4	112.1	110.5	108.8	107.0	105.0	102.4	99.5
37.5°	142.4	133.0	126.5	121.6	119.8	118.1	116.3	114.4	112.4	109.5	106.8
40°	152.7	142.0	134.6	129.7	127.6	125.5	123.7	121.7	119.4	116.4	113.7
42.5°	161.3	150.4	142.3	136.8	134.5	132.5	130.7	128.6	126.1	123.1	120.6
45°	170.1	158.6	150.0	143.9	141.5	139.4	137.5	135.4	132.6	129.7	127.1
47.5°	179.2	166.4	156.9	151.0	148.1	145.8	143.9	141.8	138.8	135.9	133.0
50°	188.2	174.1	163.8	158.1	154.7	152.3	150.2	148.1	144.9	141.8	138.4
52.5°	195.4	180.4	170.0	163.6	160.4	158.2	155.9	153.4	150.6	147.1	143.7
55°	202.3	186.5	176.1	169.0	166.2	164.1	161.5	158.8	156.2	152.1	148.6
57.5°	209.3	192.5	181.2	173.9	171.1	168.9	166.5	163.7	160.5	156.7	153.3
60°	216.0	198.5	186.3	178.8	175.9	173.7	171.6	168.4	164.7	161.2	157.9
62.5°	221.7	203.9	190.8	183.2	180.2	178.0	175.6	172.3	168.8	165.3	161.6
65°	227.1	209.4	195.3	187.5	184.5	182.3	179.4	176.2	172.8	169.1	164.9
67.5°	232.2	212.4	198.8	190.8	187.7	185.5	182.6	179.4	176.1	172.3	167.9
70°	235.7	216.1	202.3	194.1	191.0	188.8	185.7	182.5	178.6	174.9	170.4
72.5°	239.4	219.3	205.1	196.8	193.1	190.9	188.3	184.7	180.9	177.1	172.5
75°	242.9	222.4	208.2	199.5	195.2	193.1	190.9	186.8	183.4	179.3	174.8
77.5°	244.9	224.9	209.8	201.2	197.4	194.7	192.5	188.3	185.0	180.8	176.1
80°	246.6	227.8	211.5	202.8	199.5	196.3	194.1	189.9	186.5	182.3	177.0
82.5°	249.1	228.3	212.0	203.9	200.1	197.3	194.7	190.9	187.1	182.8	177.9
85°	250.7	228.9	212.6	205.0	200.6	198.4	195.1	191.9	187.6	183.3	178.8
87.5°	250.7	229.4	213.1	205.5	201.2	199.0	195.7	191.9	188.1	183.7	178.8
90°	250.7	230.0	213.7	206.0	201.7	199.5	196.2	191.9	188.6	184.2	178.8
92.5°	250.7	229.4	213.1	205.5	201.2	199.0	195.7	191.9	188.1	183.7	178.8
95°	250.7	228.9	212.6	205.0	200.6	198.4	195.1	191.9	187.6	183.3	178.8
97.5°	249.1	228.3	212.0	203.9	200.1	197.3	194.7	190.9	187.1	182.8	177.9
100°	246.6	227.8	211.5	202.8	199.5	196.3	194.1	189.9	186.5	182.3	177.0
102.5°	244.9	224.9	209.8	201.2	197.4	194.7	192.5	188.3	185.0	180.8	176.1
105°	242.9	222.4	208.2	199.5	195.2	193.1	190.9	186.8	183.4	179.3	174.8
107.5°	239.4	219.3	205.1	196.8	193.1	190.9	188.3	184.7	180.9	177.1	172.5
110°	235.7	216.1	202.3	194.1	191.0	188.8	185.7	182.5	178.6	174.9	170.4



TEST NUMBER: P231967

CATALOG NUMBER: FVS4WM-4-LD4-50-1HI-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°	232.2	212.4	198.8	190.8	187.7	185.5	182.6	179.4	176.1	172.3	167.9
115°	227.1	209.4	195.3	187.5	184.5	182.3	179.4	176.2	172.8	169.1	164.9
117.5°	221.7	203.9	190.8	183.2	180.2	178.0	175.6	172.3	168.8	165.3	161.6
120°	216.0	198.5	186.3	178.8	175.9	173.7	171.6	168.4	164.7	161.2	157.9
122.5°	209.3	192.5	181.2	173.9	171.1	168.9	166.5	163.7	160.5	156.7	153.3
125°	202.3	186.5	176.1	169.0	166.2	164.1	161.5	158.8	156.2	152.1	148.6
127.5°	195.4	180.4	170.0	163.6	160.4	158.2	155.9	153.4	150.6	147.1	143.7
130°	188.2	174.1	163.8	158.1	154.7	152.3	150.2	148.1	144.9	141.8	138.4
132.5°	179.2	166.4	156.9	151.0	148.1	145.8	143.9	141.8	138.8	135.9	133.0
135°	170.1	158.6	150.0	143.9	141.5	139.4	137.5	135.4	132.6	129.7	127.1
137.5°	161.3	150.4	142.3	136.8	134.5	132.5	130.7	128.6	126.1	123.1	120.6
140°	152.7	142.0	134.6	129.7	127.6	125.5	123.7	121.7	119.4	116.4	113.7
142.5°	142.4	133.0	126.5	121.6	119.8	118.1	116.3	114.4	112.4	109.5	106.8
145°	132.3	124.0	118.3	113.4	112.1	110.5	108.8	107.0	105.0	102.4	99.5
147.5°	122.6	114.3	109.5	105.2	103.7	102.0	100.4	98.7	97.1	95.1	92.3
150°	112.6	104.4	100.8	97.0	95.3	93.5	92.0	90.3	88.9	87.4	84.8
152.5°	101.5	95.0	91.5	87.8	86.4	84.9	83.5	82.0	80.4	78.7	76.7
155°	90.6	85.5	82.1	78.5	77.5	76.3	75.0	73.5	71.9	70.2	68.5
157.5°	79.2	75.0	72.0	68.7	67.8	66.7	65.5	64.2	62.8	61.5	60.0
160°	66.3	64.2	62.2	60.0	58.8	57.5	56.1	55.3	54.3	53.3	51.6
162.5°	56.0	54.2	52.2	50.2	49.3	48.3	47.2	46.3	45.5	44.5	43.4
165°	45.8	44.1	42.2	40.3	39.7	39.0	38.2	37.4	36.7	35.9	35.0
167.5°	35.6	34.2	32.7	31.1	30.7	30.2	29.6	29.0	28.4	27.7	26.9
170°	25.5	24.3	23.1	21.8	21.6	21.3	21.0	20.6	20.2	19.8	19.2
172.5°	17.5	16.6	15.7	14.7	14.5	14.3	14.1	13.8	13.5	13.1	12.7
175°	9.5	8.9	8.3	7.6	7.5	7.4	7.3	7.1	7.0	6.8	6.6
177.5°	5.2	5.0	4.7	4.4	4.3	4.2	4.2	4.1	4.0	4.0	3.9
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: P231967

CATALOG NUMBER: FVS4WM-4-LD4-50-1HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
2.5°	3.8	3.7	3.6	3.5	3.4	3.3	3.1	3.0	2.9	2.8	2.6
5°	6.5	6.3	6.1	5.9	5.6	5.4	5.2	5.0	4.8	4.5	4.3
7.5°	12.3	11.8	11.3	10.8	10.3	9.7	9.0	8.4	7.7	7.0	6.4
10°	18.6	18.0	17.3	16.6	15.9	15.1	14.4	13.6	12.8	11.9	11.1
12.5°	26.1	25.2	24.2	23.1	22.0	20.8	19.6	18.4	17.3	16.2	15.1
15°	34.1	32.7	31.4	30.0	28.6	27.3	25.8	24.4	22.8	21.3	19.6
17.5°	41.9	40.3	38.6	37.0	35.4	33.8	32.1	30.4	28.6	26.8	24.9
20°	50.0	48.2	46.4	44.5	42.6	40.7	38.8	36.8	34.5	31.9	29.6
22.5°	58.4	56.3	54.1	51.8	49.8	47.8	45.6	43.0	40.3	37.5	34.7
25°	66.6	64.5	62.3	59.9	57.3	54.7	52.0	49.1	46.2	43.1	40.1
27.5°	74.4	72.0	69.6	67.0	64.3	61.4	58.4	55.3	52.1	48.6	45.1
30°	82.1	79.6	77.0	74.1	71.1	67.8	64.3	60.7	57.3	53.5	49.7
32.5°	89.7	87.1	84.2	80.8	77.6	74.2	70.6	66.8	63.1	59.4	55.3
35°	97.0	94.3	90.9	87.4	84.2	80.7	76.8	72.7	68.6	64.4	60.0
37.5°	104.2	101.1	97.6	94.0	90.3	86.4	82.3	78.1	73.7	69.2	64.6
40°	111.0	107.6	103.8	99.9	96.0	92.1	87.9	83.3	78.4	73.8	69.0
42.5°	117.5	114.1	109.8	105.6	101.6	97.5	93.1	88.0	83.0	78.4	73.2
45°	123.4	119.5	115.4	111.2	107.1	103.1	98.1	92.8	87.8	82.5	77.0
47.5°	129.0	125.3	121.2	116.5	112.0	107.3	102.4	97.3	92.1	86.5	81.1
50°	134.6	130.5	126.0	121.4	116.7	111.7	106.6	101.4	96.0	90.3	84.8
52.5°	139.9	135.5	130.9	126.2	121.3	116.1	110.6	105.3	99.8	93.6	88.0
55°	144.5	140.0	135.3	130.4	125.6	120.2	114.4	108.6	102.9	97.1	91.3
57.5°	149.1	144.5	139.6	134.2	129.4	123.6	117.7	112.0	106.5	100.3	93.9
60°	153.3	148.2	143.2	138.0	132.8	127.0	121.1	115.2	109.2	102.9	96.4
62.5°	157.1	151.8	147.1	141.7	136.0	130.2	124.1	117.8	111.8	105.0	98.4
65°	160.4	155.4	149.7	144.6	139.0	133.1	126.8	120.4	114.0	107.1	100.5
67.5°	163.3	158.3	152.5	147.7	141.9	135.4	129.2	122.8	116.1	109.2	102.1
70°	165.5	160.6	155.6	149.8	143.6	137.6	131.4	124.9	118.1	111.1	103.6
72.5°	167.7	162.6	157.1	151.6	145.7	139.4	133.2	126.2	119.2	112.5	104.7
75°	169.7	164.3	158.8	152.8	146.8	140.8	134.5	127.6	120.4	113.3	105.7
77.5°	171.1	165.7	160.3	154.0	148.1	141.9	135.4	128.7	121.4	113.8	106.3
80°	172.4	167.0	161.5	155.2	148.9	142.4	136.3	129.4	121.9	114.3	106.7
82.5°	173.0	167.7	162.2	155.8	149.3	142.8	137.1	129.9	122.3	114.7	107.0
85°	173.4	168.0	162.5	156.1	149.6	143.0	136.7	129.9	122.3	114.7	107.0
87.5°	173.9	168.5	162.5	156.4	149.9	143.3	136.8	129.8	122.2	114.7	107.0
90°	174.4	169.0	162.4	157.0	150.4	143.9	137.4	129.7	122.1	114.5	106.8
92.5°	173.9	168.5	162.5	156.4	149.9	143.3	136.8	129.8	122.2	114.7	107.0
95°	173.4	168.0	162.5	156.1	149.6	143.0	136.7	129.9	122.3	114.7	107.0
97.5°	173.0	167.7	162.2	155.8	149.3	142.8	137.1	129.9	122.3	114.7	107.0
100°	172.4	167.0	161.5	155.2	148.9	142.4	136.3	129.4	121.9	114.3	106.7
102.5°	171.1	165.7	160.3	154.0	148.1	141.9	135.4	128.7	121.4	113.8	106.3
105°	169.7	164.3	158.8	152.8	146.8	140.8	134.5	127.6	120.4	113.3	105.7
107.5°	167.7	162.6	157.1	151.6	145.7	139.4	133.2	126.2	119.2	112.5	104.7
110°	165.5	160.6	155.6	149.8	143.6	137.6	131.4	124.9	118.1	111.1	103.6



TEST NUMBER: P231967

CATALOG NUMBER: FVS4WM-4-LD4-50-1HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	163.3	158.3	152.5	147.7	141.9	135.4	129.2	122.8	116.1	109.2	102.1
115°	160.4	155.4	149.7	144.6	139.0	133.1	126.8	120.4	114.0	107.1	100.5
117.5°	157.1	151.8	147.1	141.7	136.0	130.2	124.1	117.8	111.8	105.0	98.4
120°	153.3	148.2	143.2	138.0	132.8	127.0	121.1	115.2	109.2	102.9	96.4
122.5°	149.1	144.5	139.6	134.2	129.4	123.6	117.7	112.0	106.5	100.3	93.9
125°	144.5	140.0	135.3	130.4	125.6	120.2	114.4	108.6	102.9	97.1	91.3
127.5°	139.9	135.5	130.9	126.2	121.3	116.1	110.6	105.3	99.8	93.6	88.0
130°	134.6	130.5	126.0	121.4	116.7	111.7	106.6	101.4	96.0	90.3	84.8
132.5°	129.0	125.3	121.2	116.5	112.0	107.3	102.4	97.3	92.1	86.5	81.1
135°	123.4	119.5	115.4	111.2	107.1	103.1	98.1	92.8	87.8	82.5	77.0
137.5°	117.5	114.1	109.8	105.6	101.6	97.5	93.1	88.0	83.0	78.4	73.2
140°	111.0	107.6	103.8	99.9	96.0	92.1	87.9	83.3	78.4	73.8	69.0
142.5°	104.2	101.1	97.6	94.0	90.3	86.4	82.3	78.1	73.7	69.2	64.6
145°	97.0	94.3	90.9	87.4	84.2	80.7	76.8	72.7	68.6	64.4	60.0
147.5°	89.7	87.1	84.2	80.8	77.6	74.2	70.6	66.8	63.1	59.4	55.3
150°	82.1	79.6	77.0	74.1	71.1	67.8	64.3	60.7	57.3	53.5	49.7
152.5°	74.4	72.0	69.6	67.0	64.3	61.4	58.4	55.3	52.1	48.6	45.1
155°	66.6	64.5	62.3	59.9	57.3	54.7	52.0	49.1	46.2	43.1	40.1
157.5°	58.4	56.3	54.1	51.8	49.8	47.8	45.6	43.0	40.3	37.5	34.7
160°	50.0	48.2	46.4	44.5	42.6	40.7	38.8	36.8	34.5	31.9	29.6
162.5°	41.9	40.3	38.6	37.0	35.4	33.8	32.1	30.4	28.6	26.8	24.9
165°	34.1	32.7	31.4	30.0	28.6	27.3	25.8	24.4	22.8	21.3	19.6
167.5°	26.1	25.2	24.2	23.1	22.0	20.8	19.6	18.4	17.3	16.2	15.1
170°	18.6	18.0	17.3	16.6	15.9	15.1	14.4	13.6	12.8	11.9	11.1
172.5°	12.3	11.8	11.3	10.8	10.3	9.7	9.0	8.4	7.7	7.0	6.4
175°	6.5	6.3	6.1	5.9	5.6	5.4	5.2	5.0	4.8	4.5	4.3
177.5°	3.8	3.7	3.6	3.5	3.4	3.3	3.1	3.0	2.9	2.8	2.6
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: P231967

CATALOG NUMBER: FVS4WM-4-LD4-50-1HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
2.5°	2.5	2.3	2.2	2.1	1.9	1.8	1.6	1.5	1.3	1.2	1.0
5°	4.1	3.8	3.6	3.4	3.1	2.9	2.6	2.4	2.2	1.9	1.7
7.5°	5.5	5.3	5.0	4.8	4.5	4.1	3.8	3.5	3.2	2.8	2.5
10°	10.2	9.2	8.2	7.2	6.2	5.0	4.6	4.1	3.7	3.2	2.8
12.5°	13.9	12.7	11.4	10.2	9.0	7.8	6.5	5.3	4.3	3.8	3.4
15°	17.9	16.3	14.9	13.4	12.0	10.5	9.0	7.4	5.9	4.3	3.3
17.5°	22.8	20.7	18.5	16.4	14.5	12.8	11.0	9.3	7.6	5.9	4.2
20°	27.2	24.8	22.6	20.2	17.8	15.3	13.1	11.3	9.4	7.6	5.8
22.5°	32.0	29.3	26.7	23.9	21.1	18.3	15.5	12.8	10.8	8.8	6.8
25°	37.0	33.7	30.4	27.1	24.3	21.3	18.3	15.3	12.1	9.8	7.7
27.5°	41.7	38.2	34.7	31.3	27.7	24.1	20.7	17.4	14.1	10.6	8.5
30°	46.2	42.5	38.7	34.8	30.8	27.0	23.2	19.8	16.2	12.6	9.1
32.5°	51.0	46.8	42.7	38.3	34.4	30.3	26.0	21.5	17.8	14.1	10.4
35°	55.5	51.2	46.9	42.4	37.7	33.1	28.6	24.2	19.8	15.8	11.7
37.5°	60.0	55.5	50.5	45.9	41.1	36.0	31.3	26.5	21.7	16.8	12.7
40°	64.2	59.2	54.0	48.7	43.6	38.8	33.8	28.5	23.2	18.0	13.5
42.5°	68.0	63.0	57.7	52.3	47.0	41.2	35.0	29.5	24.3	19.4	14.9
45°	71.9	66.6	61.1	55.6	49.3	42.9	36.9	30.7	25.3	20.4	15.5
47.5°	75.6	69.8	63.9	57.8	51.6	45.2	38.6	32.1	27.0	21.0	15.7
50°	79.0	72.7	66.5	59.9	53.2	46.3	39.4	33.2	27.5	22.0	16.4
52.5°	81.9	75.3	69.0	61.9	54.5	47.4	40.7	34.3	28.2	22.5	16.9
55°	84.6	78.1	71.5	63.7	56.3	48.7	41.6	35.1	29.2	23.1	17.4
57.5°	87.2	80.6	73.5	65.6	58.2	50.1	42.6	36.2	30.0	23.6	17.5
60°	89.3	82.6	75.2	66.8	59.0	51.0	43.4	36.8	30.3	23.6	17.8
62.5°	91.5	84.6	77.1	68.5	60.2	52.0	44.2	36.9	30.0	23.8	18.1
65°	93.6	86.3	78.5	70.0	61.1	53.1	44.9	37.3	30.8	24.0	18.0
67.5°	95.0	87.9	80.3	71.9	62.7	54.1	45.5	37.9	31.1	24.1	18.1
70°	96.4	88.9	81.1	73.2	63.7	54.1	45.6	37.7	31.1	23.6	17.8
72.5°	97.8	89.9	82.4	74.4	65.5	55.4	46.6	38.2	30.7	23.5	17.2
75°	98.7	90.8	83.4	74.8	66.3	56.3	46.7	38.4	30.6	23.3	16.6
77.5°	99.0	91.4	83.4	75.1	67.2	58.0	48.4	38.9	30.0	22.7	16.1
80°	99.0	91.3	83.5	75.1	67.0	58.8	49.2	38.9	30.2	22.3	15.3
82.5°	99.3	91.0	83.2	75.2	67.0	58.6	49.6	40.3	30.9	22.1	14.5
85°	99.4	90.8	82.7	75.1	66.6	58.0	49.3	41.1	32.2	23.0	14.2
87.5°	99.4	91.0	82.2	74.3	65.8	58.1	48.4	40.7	32.1	24.0	15.2
90°	99.2	91.6	82.9	74.1	66.5	57.8	49.1	40.3	31.6	22.9	15.3
92.5°	99.4	91.0	82.2	74.3	65.8	58.1	48.4	40.7	32.1	24.0	15.2
95°	99.4	90.8	82.7	75.1	66.6	58.0	49.3	41.1	32.2	23.0	14.2
97.5°	99.3	91.0	83.2	75.2	67.0	58.6	49.6	40.3	30.9	22.1	14.5
100°	99.0	91.3	83.5	75.1	67.0	58.8	49.2	38.9	30.2	22.3	15.3
102.5°	99.0	91.4	83.4	75.1	67.2	58.0	48.4	38.9	30.0	22.7	16.1
105°	98.7	90.8	83.4	74.8	66.3	56.3	46.7	38.4	30.6	23.3	16.6
107.5°	97.8	89.9	82.4	74.4	65.5	55.4	46.6	38.2	30.7	23.5	17.2
110°	96.4	88.9	81.1	73.2	63.7	54.1	45.6	37.7	31.1	23.6	17.8



TEST NUMBER: P231967

CATALOG NUMBER: FVS4WM-4-LD4-50-1HI-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°	95.0	87.9	80.3	71.9	62.7	54.1	45.5	37.9	31.1	24.1	18.1
115°	93.6	86.3	78.5	70.0	61.1	53.1	44.9	37.3	30.8	24.0	18.0
117.5°	91.5	84.6	77.1	68.5	60.2	52.0	44.2	36.9	30.0	23.8	18.1
120°	89.3	82.6	75.2	66.8	59.0	51.0	43.4	36.8	30.3	23.6	17.8
122.5°	87.2	80.6	73.5	65.6	58.2	50.1	42.6	36.2	30.0	23.6	17.5
125°	84.6	78.1	71.5	63.7	56.3	48.7	41.6	35.1	29.2	23.1	17.4
127.5°	81.9	75.3	69.0	61.9	54.5	47.4	40.7	34.3	28.2	22.5	16.9
130°	79.0	72.7	66.5	59.9	53.2	46.3	39.4	33.2	27.5	22.0	16.4
132.5°	75.6	69.8	63.9	57.8	51.6	45.2	38.6	32.1	27.0	21.0	15.7
135°	71.9	66.6	61.1	55.6	49.3	42.9	36.9	30.7	25.3	20.4	15.5
137.5°	68.0	63.0	57.7	52.3	47.0	41.2	35.0	29.5	24.3	19.4	14.9
140°	64.2	59.2	54.0	48.7	43.6	38.8	33.8	28.5	23.2	18.0	13.5
142.5°	60.0	55.5	50.5	45.9	41.1	36.0	31.3	26.5	21.7	16.8	12.7
145°	55.5	51.2	46.9	42.4	37.7	33.1	28.6	24.2	19.8	15.8	11.7
147.5°	51.0	46.8	42.7	38.3	34.4	30.3	26.0	21.5	17.8	14.1	10.4
150°	46.2	42.5	38.7	34.8	30.8	27.0	23.2	19.8	16.2	12.6	9.1
152.5°	41.7	38.2	34.7	31.3	27.7	24.1	20.7	17.4	14.1	10.6	8.5
155°	37.0	33.7	30.4	27.1	24.3	21.3	18.3	15.3	12.1	9.8	7.7
157.5°	32.0	29.3	26.7	23.9	21.1	18.3	15.5	12.8	10.8	8.8	6.8
160°	27.2	24.8	22.6	20.2	17.8	15.3	13.1	11.3	9.4	7.6	5.8
162.5°	22.8	20.7	18.5	16.4	14.5	12.8	11.0	9.3	7.6	5.9	4.2
165°	17.9	16.3	14.9	13.4	12.0	10.5	9.0	7.4	5.9	4.3	3.3
167.5°	13.9	12.7	11.4	10.2	9.0	7.8	6.5	5.3	4.3	3.8	3.4
170°	10.2	9.2	8.2	7.2	6.2	5.0	4.6	4.1	3.7	3.2	2.8
172.5°	5.5	5.3	5.0	4.8	4.5	4.1	3.8	3.5	3.2	2.8	2.5
175°	4.1	3.8	3.6	3.4	3.1	2.9	2.6	2.4	2.2	1.9	1.7
177.5°	2.5	2.3	2.2	2.1	1.9	1.8	1.6	1.5	1.3	1.2	1.0
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: P231967

CATALOG NUMBER: FVS4WM-4-LD4-50-1HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
2.5°	0.9	0.7	0.6	0.4	0.3	0.1	0.0	0.1	0.3	0.4	0.6
5°	1.4	1.2	1.0	0.7	0.5	0.2	0.0	0.2	0.5	0.7	1.0
7.5°	2.1	1.8	1.4	1.1	0.7	0.4	0.0	0.4	0.7	1.1	1.4
10°	2.4	2.0	1.6	1.2	0.8	0.4	0.0	0.4	0.8	1.2	1.6
12.5°	2.9	2.4	1.9	1.5	1.0	0.5	0.0	0.5	1.0	1.5	1.9
15°	2.8	2.3	1.8	1.3	0.9	0.4	0.0	0.4	0.9	1.3	1.8
17.5°	3.1	2.6	2.1	1.6	1.0	0.5	0.0	0.5	1.0	1.6	2.1
20°	4.1	3.0	2.4	1.8	1.2	0.6	0.0	0.6	1.2	1.8	2.4
22.5°	4.7	2.7	1.9	1.4	0.9	0.5	0.0	0.5	0.9	1.4	1.9
25°	5.6	3.6	2.0	1.5	1.0	0.5	0.0	0.5	1.0	1.5	2.0
27.5°	6.2	3.9	1.6	0.9	0.6	0.3	0.0	0.3	0.6	0.9	1.6
30°	6.8	4.5	2.2	0.9	0.6	0.3	0.0	0.3	0.6	0.9	2.2
32.5°	7.2	5.0	2.9	1.0	0.7	0.4	0.0	0.4	0.7	1.0	2.9
35°	7.7	5.3	3.3	1.3	0.8	0.4	0.0	0.4	0.8	1.3	3.3
37.5°	8.7	5.3	3.1	1.0	0.1	0.0	0.0	0.0	0.1	1.0	3.1
40°	9.5	5.5	3.1	1.1	0.0	0.0	0.0	0.0	0.0	1.1	3.1
42.5°	10.4	6.1	2.9	1.3	0.0	0.0	0.0	0.0	0.0	1.3	2.9
45°	10.7	6.7	3.2	1.6	0.0	0.0	0.0	0.0	0.0	1.6	3.2
47.5°	10.8	6.8	3.5	1.5	0.2	0.0	0.0	0.0	0.2	1.5	3.5
50°	11.2	6.6	3.4	1.0	0.2	0.0	0.0	0.0	0.2	1.0	3.4
52.5°	12.1	7.2	3.8	1.0	0.3	0.0	0.0	0.0	0.3	1.0	3.8
55°	11.7	7.3	3.7	1.4	0.5	0.0	0.0	0.0	0.5	1.4	3.7
57.5°	12.0	7.2	3.5	1.8	1.0	1.1	1.1	1.1	1.0	1.8	3.5
60°	12.6	7.9	4.2	1.9	1.1	1.1	1.1	1.1	1.1	1.9	4.2
62.5°	13.2	7.6	4.1	1.3	0.3	1.1	1.1	1.1	0.3	1.3	4.1
65°	13.0	7.9	4.0	1.4	0.9	1.1	1.1	1.1	0.9	1.4	4.0
67.5°	12.9	7.8	4.1	1.1	0.2	0.9	1.1	0.9	0.2	1.1	4.1
70°	13.1	7.9	3.5	1.0	0.0	0.7	1.1	0.7	0.0	1.0	3.5
72.5°	12.4	8.0	3.9	0.7	0.0	1.1	1.1	1.1	0.0	0.7	3.9
75°	11.3	6.6	3.4	0.9	0.0	1.1	1.1	1.1	0.0	0.9	3.4
77.5°	10.8	6.4	2.6	0.1	0.0	0.1	0.0	0.1	0.0	0.1	2.6
80°	9.7	5.1	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4
82.5°	8.6	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	7.6	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	6.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	7.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	6.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	7.6	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	8.6	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	9.7	5.1	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4
102.5°	10.8	6.4	2.6	0.1	0.0	0.1	0.0	0.1	0.0	0.1	2.6
105°	11.3	6.6	3.4	0.9	0.0	1.1	1.1	1.1	0.0	0.9	3.4
107.5°	12.4	8.0	3.9	0.7	0.0	1.1	1.1	1.1	0.0	0.7	3.9
110°	13.1	7.9	3.5	1.0	0.0	0.7	1.1	0.7	0.0	1.0	3.5



TEST NUMBER: P231967

CATALOG NUMBER: FVS4WM-4-LD4-50-1HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	12.9	7.8	4.1	1.1	0.2	0.9	1.1	0.9	0.2	1.1	4.1
115°	13.0	7.9	4.0	1.4	0.9	1.1	1.1	1.1	0.9	1.4	4.0
117.5°	13.2	7.6	4.1	1.3	0.3	1.1	1.1	1.1	0.3	1.3	4.1
120°	12.6	7.9	4.2	1.9	1.1	1.1	1.1	1.1	1.1	1.9	4.2
122.5°	12.0	7.2	3.5	1.8	1.0	1.1	1.1	1.1	1.0	1.8	3.5
125°	11.7	7.3	3.7	1.4	0.5	0.0	0.0	0.0	0.5	1.4	3.7
127.5°	12.1	7.2	3.8	1.0	0.3	0.0	0.0	0.0	0.3	1.0	3.8
130°	11.2	6.6	3.4	1.0	0.2	0.0	0.0	0.0	0.2	1.0	3.4
132.5°	10.8	6.8	3.5	1.5	0.2	0.0	0.0	0.0	0.2	1.5	3.5
135°	10.7	6.7	3.2	1.6	0.0	0.0	0.0	0.0	0.0	1.6	3.2
137.5°	10.4	6.1	2.9	1.3	0.0	0.0	0.0	0.0	0.0	1.3	2.9
140°	9.5	5.5	3.1	1.1	0.0	0.0	0.0	0.0	0.0	1.1	3.1
142.5°	8.7	5.3	3.1	1.0	0.1	0.0	0.0	0.0	0.1	1.0	3.1
145°	7.7	5.3	3.3	1.3	0.8	0.4	0.0	0.4	0.8	1.3	3.3
147.5°	7.2	5.0	2.9	1.0	0.7	0.4	0.0	0.4	0.7	1.0	2.9
150°	6.8	4.5	2.2	0.9	0.6	0.3	0.0	0.3	0.6	0.9	2.2
152.5°	6.2	3.9	1.6	0.9	0.6	0.3	0.0	0.3	0.6	0.9	1.6
155°	5.6	3.6	2.0	1.5	1.0	0.5	0.0	0.5	1.0	1.5	2.0
157.5°	4.7	2.7	1.9	1.4	0.9	0.5	0.0	0.5	0.9	1.4	1.9
160°	4.1	3.0	2.4	1.8	1.2	0.6	0.0	0.6	1.2	1.8	2.4
162.5°	3.1	2.6	2.1	1.6	1.0	0.5	0.0	0.5	1.0	1.6	2.1
165°	2.8	2.3	1.8	1.3	0.9	0.4	0.0	0.4	0.9	1.3	1.8
167.5°	2.9	2.4	1.9	1.5	1.0	0.5	0.0	0.5	1.0	1.5	1.9
170°	2.4	2.0	1.6	1.2	0.8	0.4	0.0	0.4	0.8	1.2	1.6
172.5°	2.1	1.8	1.4	1.1	0.7	0.4	0.0	0.4	0.7	1.1	1.4
175°	1.4	1.2	1.0	0.7	0.5	0.2	0.0	0.2	0.5	0.7	1.0
177.5°	0.9	0.7	0.6	0.4	0.3	0.1	0.0	0.1	0.3	0.4	0.6
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: P231967

CATALOG NUMBER: FVS4WM-4-LD4-50-1HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
2.5°	0.7	0.9	1.0	1.2	1.3	1.5	1.6	1.8	1.9	2.1	2.2
5°	1.2	1.4	1.7	1.9	2.2	2.4	2.6	2.9	3.1	3.4	3.6
7.5°	1.8	2.1	2.5	2.8	3.2	3.5	3.8	4.1	4.5	4.8	5.0
10°	2.0	2.4	2.8	3.2	3.7	4.1	4.6	5.0	6.2	7.2	8.2
12.5°	2.4	2.9	3.4	3.8	4.3	5.3	6.5	7.8	9.0	10.2	11.4
15°	2.3	2.8	3.3	4.3	5.9	7.4	9.0	10.5	12.0	13.4	14.9
17.5°	2.6	3.1	4.2	5.9	7.6	9.3	11.0	12.8	14.5	16.4	18.5
20°	3.0	4.1	5.8	7.6	9.4	11.3	13.1	15.3	17.8	20.2	22.6
22.5°	2.7	4.7	6.8	8.8	10.8	12.8	15.5	18.3	21.1	23.9	26.7
25°	3.6	5.6	7.7	9.8	12.1	15.3	18.3	21.3	24.3	27.1	30.4
27.5°	3.9	6.2	8.5	10.6	14.1	17.4	20.7	24.1	27.7	31.3	34.7
30°	4.5	6.8	9.1	12.6	16.2	19.8	23.2	27.0	30.8	34.8	38.7
32.5°	5.0	7.2	10.4	14.1	17.8	21.5	26.0	30.3	34.4	38.3	42.7
35°	5.3	7.7	11.7	15.8	19.8	24.2	28.6	33.1	37.7	42.4	46.9
37.5°	5.3	8.7	12.7	16.8	21.7	26.5	31.3	36.0	41.1	45.9	50.5
40°	5.5	9.5	13.5	18.0	23.2	28.5	33.8	38.8	43.6	48.7	54.0
42.5°	6.1	10.4	14.9	19.4	24.3	29.5	35.0	41.2	47.0	52.3	57.7
45°	6.7	10.7	15.5	20.4	25.3	30.7	36.9	42.9	49.3	55.6	61.1
47.5°	6.8	10.8	15.7	21.0	27.0	32.1	38.6	45.2	51.6	57.8	63.9
50°	6.6	11.2	16.4	22.0	27.5	33.2	39.4	46.3	53.2	59.9	66.5
52.5°	7.2	12.1	16.9	22.5	28.2	34.3	40.7	47.4	54.5	61.9	69.0
55°	7.3	11.7	17.4	23.1	29.2	35.1	41.6	48.7	56.3	63.7	71.5
57.5°	7.2	12.0	17.5	23.6	30.0	36.2	42.6	50.1	58.2	65.6	73.5
60°	7.9	12.6	17.8	23.6	30.3	36.8	43.4	51.0	59.0	66.8	75.2
62.5°	7.6	13.2	18.1	23.8	30.0	36.9	44.2	52.0	60.2	68.5	77.1
65°	7.9	13.0	18.0	24.0	30.8	37.3	44.9	53.1	61.1	70.0	78.5
67.5°	7.8	12.9	18.1	24.1	31.1	37.9	45.5	54.1	62.7	71.9	80.3
70°	7.9	13.1	17.8	23.6	31.1	37.7	45.6	54.1	63.7	73.2	81.1
72.5°	8.0	12.4	17.2	23.5	30.7	38.2	46.6	55.4	65.5	74.4	82.4
75°	6.6	11.3	16.6	23.3	30.6	38.4	46.7	56.3	66.3	74.8	83.4
77.5°	6.4	10.8	16.1	22.7	30.0	38.9	48.4	58.0	67.2	75.1	83.4
80°	5.1	9.7	15.3	22.3	30.2	38.9	49.2	58.8	67.0	75.1	83.5
82.5°	3.6	8.6	14.5	22.1	30.9	40.3	49.6	58.6	67.0	75.2	83.2
85°	2.1	7.6	14.2	23.0	32.2	41.1	49.3	58.0	66.6	75.1	82.7
87.5°	0.5	6.4	15.2	24.0	32.1	40.7	48.4	58.1	65.8	74.3	82.2
90°	0.0	7.6	15.3	22.9	31.6	40.3	49.1	57.8	66.5	74.1	82.9
92.5°	0.5	6.4	15.2	24.0	32.1	40.7	48.4	58.1	65.8	74.3	82.2
95°	2.1	7.6	14.2	23.0	32.2	41.1	49.3	58.0	66.6	75.1	82.7
97.5°	3.6	8.6	14.5	22.1	30.9	40.3	49.6	58.6	67.0	75.2	83.2
100°	5.1	9.7	15.3	22.3	30.2	38.9	49.2	58.8	67.0	75.1	83.5
102.5°	6.4	10.8	16.1	22.7	30.0	38.9	48.4	58.0	67.2	75.1	83.4
105°	6.6	11.3	16.6	23.3	30.6	38.4	46.7	56.3	66.3	74.8	83.4
107.5°	8.0	12.4	17.2	23.5	30.7	38.2	46.6	55.4	65.5	74.4	82.4
110°	7.9	13.1	17.8	23.6	31.1	37.7	45.6	54.1	63.7	73.2	81.1



TEST NUMBER: P231967

CATALOG NUMBER: FVS4WM-4-LD4-50-1HI-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°	7.8	12.9	18.1	24.1	31.1	37.9	45.5	54.1	62.7	71.9	80.3
115°	7.9	13.0	18.0	24.0	30.8	37.3	44.9	53.1	61.1	70.0	78.5
117.5°	7.6	13.2	18.1	23.8	30.0	36.9	44.2	52.0	60.2	68.5	77.1
120°	7.9	12.6	17.8	23.6	30.3	36.8	43.4	51.0	59.0	66.8	75.2
122.5°	7.2	12.0	17.5	23.6	30.0	36.2	42.6	50.1	58.2	65.6	73.5
125°	7.3	11.7	17.4	23.1	29.2	35.1	41.6	48.7	56.3	63.7	71.5
127.5°	7.2	12.1	16.9	22.5	28.2	34.3	40.7	47.4	54.5	61.9	69.0
130°	6.6	11.2	16.4	22.0	27.5	33.2	39.4	46.3	53.2	59.9	66.5
132.5°	6.8	10.8	15.7	21.0	27.0	32.1	38.6	45.2	51.6	57.8	63.9
135°	6.7	10.7	15.5	20.4	25.3	30.7	36.9	42.9	49.3	55.6	61.1
137.5°	6.1	10.4	14.9	19.4	24.3	29.5	35.0	41.2	47.0	52.3	57.7
140°	5.5	9.5	13.5	18.0	23.2	28.5	33.8	38.8	43.6	48.7	54.0
142.5°	5.3	8.7	12.7	16.8	21.7	26.5	31.3	36.0	41.1	45.9	50.5
145°	5.3	7.7	11.7	15.8	19.8	24.2	28.6	33.1	37.7	42.4	46.9
147.5°	5.0	7.2	10.4	14.1	17.8	21.5	26.0	30.3	34.4	38.3	42.7
150°	4.5	6.8	9.1	12.6	16.2	19.8	23.2	27.0	30.8	34.8	38.7
152.5°	3.9	6.2	8.5	10.6	14.1	17.4	20.7	24.1	27.7	31.3	34.7
155°	3.6	5.6	7.7	9.8	12.1	15.3	18.3	21.3	24.3	27.1	30.4
157.5°	2.7	4.7	6.8	8.8	10.8	12.8	15.5	18.3	21.1	23.9	26.7
160°	3.0	4.1	5.8	7.6	9.4	11.3	13.1	15.3	17.8	20.2	22.6
162.5°	2.6	3.1	4.2	5.9	7.6	9.3	11.0	12.8	14.5	16.4	18.5
165°	2.3	2.8	3.3	4.3	5.9	7.4	9.0	10.5	12.0	13.4	14.9
167.5°	2.4	2.9	3.4	3.8	4.3	5.3	6.5	7.8	9.0	10.2	11.4
170°	2.0	2.4	2.8	3.2	3.7	4.1	4.6	5.0	6.2	7.2	8.2
172.5°	1.8	2.1	2.5	2.8	3.2	3.5	3.8	4.1	4.5	4.8	5.0
175°	1.2	1.4	1.7	1.9	2.2	2.4	2.6	2.9	3.1	3.4	3.6
177.5°	0.7	0.9	1.0	1.2	1.3	1.5	1.6	1.8	1.9	2.1	2.2
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: P231967

CATALOG NUMBER: FVS4WM-4-LD4-50-1HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
2.5°	2.3	2.5	2.6	2.8	2.9	3.0	3.1	3.3	3.4	3.5	3.6
5°	3.8	4.1	4.3	4.5	4.8	5.0	5.2	5.4	5.6	5.9	6.1
7.5°	5.3	5.5	6.4	7.0	7.7	8.4	9.0	9.7	10.3	10.8	11.3
10°	9.2	10.2	11.1	11.9	12.8	13.6	14.4	15.1	15.9	16.6	17.3
12.5°	12.7	13.9	15.1	16.2	17.3	18.4	19.6	20.8	22.0	23.1	24.2
15°	16.3	17.9	19.6	21.3	22.8	24.4	25.8	27.3	28.6	30.0	31.4
17.5°	20.7	22.8	24.9	26.8	28.6	30.4	32.1	33.8	35.4	37.0	38.6
20°	24.8	27.2	29.6	31.9	34.5	36.8	38.8	40.7	42.6	44.5	46.4
22.5°	29.3	32.0	34.7	37.5	40.3	43.0	45.6	47.8	49.8	51.8	54.1
25°	33.7	37.0	40.1	43.1	46.2	49.1	52.0	54.7	57.3	59.9	62.3
27.5°	38.2	41.7	45.1	48.6	52.1	55.3	58.4	61.4	64.3	67.0	69.6
30°	42.5	46.2	49.7	53.5	57.3	60.7	64.3	67.8	71.1	74.1	77.0
32.5°	46.8	51.0	55.3	59.4	63.1	66.8	70.6	74.2	77.6	80.8	84.2
35°	51.2	55.5	60.0	64.4	68.6	72.7	76.8	80.7	84.2	87.4	90.9
37.5°	55.5	60.0	64.6	69.2	73.7	78.1	82.3	86.4	90.3	94.0	97.6
40°	59.2	64.2	69.0	73.8	78.4	83.3	87.9	92.1	96.0	99.9	103.8
42.5°	63.0	68.0	73.2	78.4	83.0	88.0	93.1	97.5	101.6	105.6	109.8
45°	66.6	71.9	77.0	82.5	87.8	92.8	98.1	103.1	107.1	111.2	115.4
47.5°	69.8	75.6	81.1	86.5	92.1	97.3	102.4	107.3	112.0	116.5	121.2
50°	72.7	79.0	84.8	90.3	96.0	101.4	106.6	111.7	116.7	121.4	126.0
52.5°	75.3	81.9	88.0	93.6	99.8	105.3	110.6	116.1	121.3	126.2	130.9
55°	78.1	84.6	91.3	97.1	102.9	108.6	114.4	120.2	125.6	130.4	135.3
57.5°	80.6	87.2	93.9	100.3	106.5	112.0	117.7	123.6	129.4	134.2	139.6
60°	82.6	89.3	96.4	102.9	109.2	115.2	121.1	127.0	132.8	138.0	143.2
62.5°	84.6	91.5	98.4	105.0	111.8	117.8	124.1	130.2	136.0	141.7	147.1
65°	86.3	93.6	100.5	107.1	114.0	120.4	126.8	133.1	139.0	144.6	149.7
67.5°	87.9	95.0	102.1	109.2	116.1	122.8	129.2	135.4	141.9	147.7	152.5
70°	88.9	96.4	103.6	111.1	118.1	124.9	131.4	137.6	143.6	149.8	155.6
72.5°	89.9	97.8	104.7	112.5	119.2	126.2	133.2	139.4	145.7	151.6	157.1
75°	90.8	98.7	105.7	113.3	120.4	127.6	134.5	140.8	146.8	152.8	158.8
77.5°	91.4	99.0	106.3	113.8	121.4	128.7	135.4	141.9	148.1	154.0	160.3
80°	91.3	99.0	106.7	114.3	121.9	129.4	136.3	142.4	148.9	155.2	161.5
82.5°	91.0	99.3	107.0	114.7	122.3	129.9	137.1	142.8	149.3	155.8	162.2
85°	90.8	99.4	107.0	114.7	122.3	129.9	136.7	143.0	149.6	156.1	162.5
87.5°	91.0	99.4	107.0	114.7	122.3	129.9	136.7	143.0	149.6	156.1	162.5
90°	91.6	99.2	106.8	114.5	122.1	129.7	137.4	143.9	150.4	157.0	162.4
92.5°	91.0	99.4	107.0	114.7	122.2	129.8	136.8	143.3	149.9	156.4	162.5
95°	90.8	99.4	107.0	114.7	122.3	129.9	136.7	143.0	149.6	156.1	162.5
97.5°	91.0	99.3	107.0	114.7	122.3	129.9	137.1	142.8	149.3	155.8	162.2
100°	91.3	99.0	106.7	114.3	121.9	129.4	136.3	142.4	148.9	155.2	161.5
102.5°	91.4	99.0	106.3	113.8	121.4	128.7	135.4	141.9	148.1	154.0	160.3
105°	90.8	98.7	105.7	113.3	120.4	127.6	134.5	140.8	146.8	152.8	158.8
107.5°	89.9	97.8	104.7	112.5	119.2	126.2	133.2	139.4	145.7	151.6	157.1
110°	88.9	96.4	103.6	111.1	118.1	124.9	131.4	137.6	143.6	149.8	155.6



TEST NUMBER: P231967

CATALOG NUMBER: FVS4WM-4-LD4-50-1HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	87.9	95.0	102.1	109.2	116.1	122.8	129.2	135.4	141.9	147.7	152.5
115°	86.3	93.6	100.5	107.1	114.0	120.4	126.8	133.1	139.0	144.6	149.7
117.5°	84.6	91.5	98.4	105.0	111.8	117.8	124.1	130.2	136.0	141.7	147.1
120°	82.6	89.3	96.4	102.9	109.2	115.2	121.1	127.0	132.8	138.0	143.2
122.5°	80.6	87.2	93.9	100.3	106.5	112.0	117.7	123.6	129.4	134.2	139.6
125°	78.1	84.6	91.3	97.1	102.9	108.6	114.4	120.2	125.6	130.4	135.3
127.5°	75.3	81.9	88.0	93.6	99.8	105.3	110.6	116.1	121.3	126.2	130.9
130°	72.7	79.0	84.8	90.3	96.0	101.4	106.6	111.7	116.7	121.4	126.0
132.5°	69.8	75.6	81.1	86.5	92.1	97.3	102.4	107.3	112.0	116.5	121.2
135°	66.6	71.9	77.0	82.5	87.8	92.8	98.1	103.1	107.1	111.2	115.4
137.5°	63.0	68.0	73.2	78.4	83.0	88.0	93.1	97.5	101.6	105.6	109.8
140°	59.2	64.2	69.0	73.8	78.4	83.3	87.9	92.1	96.0	99.9	103.8
142.5°	55.5	60.0	64.6	69.2	73.7	78.1	82.3	86.4	90.3	94.0	97.6
145°	51.2	55.5	60.0	64.4	68.6	72.7	76.8	80.7	84.2	87.4	90.9
147.5°	46.8	51.0	55.3	59.4	63.1	66.8	70.6	74.2	77.6	80.8	84.2
150°	42.5	46.2	49.7	53.5	57.3	60.7	64.3	67.8	71.1	74.1	77.0
152.5°	38.2	41.7	45.1	48.6	52.1	55.3	58.4	61.4	64.3	67.0	69.6
155°	33.7	37.0	40.1	43.1	46.2	49.1	52.0	54.7	57.3	59.9	62.3
157.5°	29.3	32.0	34.7	37.5	40.3	43.0	45.6	47.8	49.8	51.8	54.1
160°	24.8	27.2	29.6	31.9	34.5	36.8	38.8	40.7	42.6	44.5	46.4
162.5°	20.7	22.8	24.9	26.8	28.6	30.4	32.1	33.8	35.4	37.0	38.6
165°	16.3	17.9	19.6	21.3	22.8	24.4	25.8	27.3	28.6	30.0	31.4
167.5°	12.7	13.9	15.1	16.2	17.3	18.4	19.6	20.8	22.0	23.1	24.2
170°	9.2	10.2	11.1	11.9	12.8	13.6	14.4	15.1	15.9	16.6	17.3
172.5°	5.3	5.5	6.4	7.0	7.7	8.4	9.0	9.7	10.3	10.8	11.3
175°	3.8	4.1	4.3	4.5	4.8	5.0	5.2	5.4	5.6	5.9	6.1
177.5°	2.3	2.5	2.6	2.8	2.9	3.0	3.1	3.3	3.4	3.5	3.6
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: P231967

CATALOG NUMBER: FVS4WM-4-LD4-50-1HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
2.5°	3.7	3.8	3.9	4.0	4.0	4.1	4.2	4.2	4.3	4.4	4.7
5°	6.3	6.5	6.6	6.8	7.0	7.1	7.3	7.4	7.5	7.6	8.3
7.5°	11.8	12.3	12.7	13.1	13.5	13.8	14.1	14.3	14.5	14.7	15.7
10°	18.0	18.6	19.2	19.8	20.2	20.6	21.0	21.3	21.6	21.8	23.1
12.5°	25.2	26.1	26.9	27.7	28.4	29.0	29.6	30.2	30.7	31.1	32.7
15°	32.7	34.1	35.0	35.9	36.7	37.4	38.2	39.0	39.7	40.3	42.2
17.5°	40.3	41.9	43.4	44.5	45.5	46.3	47.2	48.3	49.3	50.2	52.2
20°	48.2	50.0	51.6	53.3	54.3	55.3	56.1	57.5	58.8	60.0	62.2
22.5°	56.3	58.4	60.0	61.5	62.8	64.2	65.5	66.7	67.8	68.7	72.0
25°	64.5	66.6	68.5	70.2	71.9	73.5	75.0	76.3	77.5	78.5	82.1
27.5°	72.0	74.4	76.7	78.7	80.4	82.0	83.5	84.9	86.4	87.8	91.5
30°	79.6	82.1	84.8	87.4	88.9	90.3	92.0	93.5	95.3	97.0	100.8
32.5°	87.1	89.7	92.3	95.1	97.1	98.7	100.4	102.0	103.7	105.2	109.5
35°	94.3	97.0	99.5	102.4	105.0	107.0	108.8	110.5	112.1	113.4	118.3
37.5°	101.1	104.2	106.8	109.5	112.4	114.4	116.3	118.1	119.8	121.6	126.5
40°	107.6	111.0	113.7	116.4	119.4	121.7	123.7	125.5	127.6	129.7	134.6
42.5°	114.1	117.5	120.6	123.1	126.1	128.6	130.7	132.5	134.5	136.8	142.3
45°	119.5	123.4	127.1	129.7	132.6	135.4	137.5	139.4	141.5	143.9	150.0
47.5°	125.3	129.0	133.0	135.9	138.8	141.8	143.9	145.8	148.1	151.0	156.9
50°	130.5	134.6	138.4	141.8	144.9	148.1	150.2	152.3	154.7	158.1	163.8
52.5°	135.5	139.9	143.7	147.1	150.6	153.4	155.9	158.2	160.4	163.6	170.0
55°	140.0	144.5	148.6	152.1	156.2	158.8	161.5	164.1	166.2	169.0	176.1
57.5°	144.5	149.1	153.3	156.7	160.5	163.7	166.5	168.9	171.1	173.9	181.2
60°	148.2	153.3	157.9	161.2	164.7	168.4	171.6	173.7	175.9	178.8	186.3
62.5°	151.8	157.1	161.6	165.3	168.8	172.3	175.6	178.0	180.2	183.2	190.8
65°	155.4	160.4	164.9	169.1	172.8	176.2	179.4	182.3	184.5	187.5	195.3
67.5°	158.3	163.3	167.9	172.3	176.1	179.4	182.6	185.5	187.7	190.8	198.8
70°	160.6	165.5	170.4	174.9	178.6	182.5	185.7	188.8	191.0	194.1	202.3
72.5°	162.6	167.7	172.5	177.1	180.9	184.7	188.3	190.9	193.1	196.8	205.1
75°	164.3	169.7	174.8	179.3	183.4	186.8	190.9	193.1	195.2	199.5	208.2
77.5°	165.7	171.1	176.1	180.8	185.0	188.3	192.5	194.7	197.4	201.2	209.8
80°	167.0	172.4	177.0	182.3	186.5	189.9	194.1	196.3	199.5	202.8	211.5
82.5°	167.7	173.0	177.9	182.8	187.1	190.9	194.7	197.3	200.1	203.9	212.0
85°	168.0	173.4	178.8	183.3	187.6	191.9	195.1	198.4	200.6	205.0	212.6
87.5°	168.5	173.9	178.8	183.7	188.1	191.9	195.7	199.0	201.2	205.5	213.1
90°	169.0	174.4	178.8	184.2	188.6	191.9	196.2	199.5	201.7	206.0	213.7
92.5°	168.5	173.9	178.8	183.7	188.1	191.9	195.7	199.0	201.2	205.5	213.1
95°	168.0	173.4	178.8	183.3	187.6	191.9	195.1	198.4	200.6	205.0	212.6
97.5°	167.7	173.0	177.9	182.8	187.1	190.9	194.7	197.3	200.1	203.9	212.0
100°	167.0	172.4	177.0	182.3	186.5	189.9	194.1	196.3	199.5	202.8	211.5
102.5°	165.7	171.1	176.1	180.8	185.0	188.3	192.5	194.7	197.4	201.2	209.8
105°	164.3	169.7	174.8	179.3	183.4	186.8	190.9	193.1	195.2	199.5	208.2
107.5°	162.6	167.7	172.5	177.1	180.9	184.7	188.3	190.9	193.1	196.8	205.1
110°	160.6	165.5	170.4	174.9	178.6	182.5	185.7	188.8	191.0	194.1	202.3



TEST NUMBER: P231967

CATALOG NUMBER: FVS4WM-4-LD4-50-1HI-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°	158.3	163.3	167.9	172.3	176.1	179.4	182.6	185.5	187.7	190.8	198.8
115°	155.4	160.4	164.9	169.1	172.8	176.2	179.4	182.3	184.5	187.5	195.3
117.5°	151.8	157.1	161.6	165.3	168.8	172.3	175.6	178.0	180.2	183.2	190.8
120°	148.2	153.3	157.9	161.2	164.7	168.4	171.6	173.7	175.9	178.8	186.3
122.5°	144.5	149.1	153.3	156.7	160.5	163.7	166.5	168.9	171.1	173.9	181.2
125°	140.0	144.5	148.6	152.1	156.2	158.8	161.5	164.1	166.2	169.0	176.1
127.5°	135.5	139.9	143.7	147.1	150.6	153.4	155.9	158.2	160.4	163.6	170.0
130°	130.5	134.6	138.4	141.8	144.9	148.1	150.2	152.3	154.7	158.1	163.8
132.5°	125.3	129.0	133.0	135.9	138.8	141.8	143.9	145.8	148.1	151.0	156.9
135°	119.5	123.4	127.1	129.7	132.6	135.4	137.5	139.4	141.5	143.9	150.0
137.5°	114.1	117.5	120.6	123.1	126.1	128.6	130.7	132.5	134.5	136.8	142.3
140°	107.6	111.0	113.7	116.4	119.4	121.7	123.7	125.5	127.6	129.7	134.6
142.5°	101.1	104.2	106.8	109.5	112.4	114.4	116.3	118.1	119.8	121.6	126.5
145°	94.3	97.0	99.5	102.4	105.0	107.0	108.8	110.5	112.1	113.4	118.3
147.5°	87.1	89.7	92.3	95.1	97.1	98.7	100.4	102.0	103.7	105.2	109.5
150°	79.6	82.1	84.8	87.4	88.9	90.3	92.0	93.5	95.3	97.0	100.8
152.5°	72.0	74.4	76.7	78.7	80.4	82.0	83.5	84.9	86.4	87.8	91.5
155°	64.5	66.6	68.5	70.2	71.9	73.5	75.0	76.3	77.5	78.5	82.1
157.5°	56.3	58.4	60.0	61.5	62.8	64.2	65.5	66.7	67.8	68.7	72.0
160°	48.2	50.0	51.6	53.3	54.3	55.3	56.1	57.5	58.8	60.0	62.2
162.5°	40.3	41.9	43.4	44.5	45.5	46.3	47.2	48.3	49.3	50.2	52.2
165°	32.7	34.1	35.0	35.9	36.7	37.4	38.2	39.0	39.7	40.3	42.2
167.5°	25.2	26.1	26.9	27.7	28.4	29.0	29.6	30.2	30.7	31.1	32.7
170°	18.0	18.6	19.2	19.8	20.2	20.6	21.0	21.3	21.6	21.8	23.1
172.5°	11.8	12.3	12.7	13.1	13.5	13.8	14.1	14.3	14.5	14.7	15.7
175°	6.3	6.5	6.6	6.8	7.0	7.1	7.3	7.4	7.5	7.6	8.3
177.5°	3.7	3.8	3.9	4.0	4.0	4.1	4.2	4.2	4.3	4.4	4.7
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: P231967

CATALOG NUMBER: FVS4WM-4-LD4-50-1HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
2.5°	5.0	5.2	5.5	5.8	6.1	6.3	6.6	6.8	7.0	7.2	7.4
5°	8.9	9.5	10.2	10.8	11.3	11.9	12.4	12.9	13.4	13.8	14.3
7.5°	16.6	17.5	18.4	19.2	19.9	20.6	21.5	23.2	24.8	26.4	27.8
10°	24.3	25.5	26.6	27.7	29.0	31.6	34.0	36.4	38.6	40.7	42.9
12.5°	34.2	35.6	37.0	38.9	42.1	45.2	48.2	51.0	54.3	58.1	61.7
15°	44.1	45.8	47.7	51.7	55.5	59.2	62.9	67.7	72.3	76.7	81.6
17.5°	54.2	56.0	59.8	64.4	68.8	73.6	79.4	84.9	90.2	96.0	101.9
20°	64.2	66.3	71.8	77.0	82.3	89.3	96.1	102.6	109.7	116.6	123.2
22.5°	75.0	79.2	85.2	91.0	97.9	105.2	112.5	121.0	129.0	136.9	145.3
25°	85.5	90.6	96.5	103.2	112.1	120.6	129.9	139.3	148.5	157.5	166.3
27.5°	95.0	101.5	108.3	117.0	126.8	136.8	147.2	157.4	168.4	178.9	189.5
30°	104.4	112.6	120.6	131.0	141.8	153.1	164.6	176.5	188.3	200.3	212.0
32.5°	114.3	122.6	131.8	143.2	155.3	168.5	181.7	194.9	208.2	221.4	233.9
35°	124.0	132.3	142.7	155.0	168.7	183.6	197.7	212.2	226.8	241.0	254.5
37.5°	133.0	142.4	154.6	167.9	182.6	197.8	213.7	229.4	245.8	259.7	274.3
40°	142.0	152.7	166.8	181.3	196.4	212.6	229.2	245.9	262.4	278.5	294.1
42.5°	150.4	161.3	176.9	192.8	209.0	226.6	244.4	262.3	280.1	297.0	313.1
45°	158.6	170.1	186.5	203.6	221.4	240.0	258.9	277.8	296.6	313.7	331.0
47.5°	166.4	179.2	195.9	213.9	233.0	252.8	272.9	292.7	311.6	330.3	348.8
50°	174.1	188.2	205.3	223.8	244.0	264.8	285.8	306.5	326.2	345.9	366.5
52.5°	180.4	195.4	213.8	233.3	254.9	276.5	298.2	319.8	341.2	362.0	382.0
55°	186.5	202.3	222.1	242.9	266.0	287.7	309.6	331.9	354.2	376.2	396.5
57.5°	192.5	209.3	229.5	251.3	275.1	297.7	320.5	343.5	366.7	389.1	410.6
60°	198.5	216.0	236.5	258.8	283.0	307.2	330.8	354.8	378.4	401.0	422.4
62.5°	203.9	221.7	242.6	266.0	290.9	315.6	340.1	365.4	389.3	412.2	434.5
65°	209.4	227.1	248.4	273.0	298.2	322.9	348.3	374.4	398.5	422.5	445.4
67.5°	212.4	232.2	254.5	279.4	305.1	330.2	356.2	382.8	407.3	432.1	455.1
70°	216.1	235.7	260.0	285.3	311.4	336.9	363.4	390.4	415.4	438.7	462.9
72.5°	219.3	239.4	264.1	289.4	315.9	342.4	369.4	396.8	422.8	447.2	470.9
75°	222.4	242.9	267.7	292.8	319.7	347.5	374.8	402.1	428.8	453.6	477.4
77.5°	224.9	244.9	270.0	295.9	323.6	351.3	379.2	406.2	433.5	458.8	483.0
80°	227.8	246.6	271.9	298.6	327.3	354.4	382.9	409.2	436.7	462.5	487.1
82.5°	228.3	249.1	274.1	300.7	329.3	356.4	384.9	412.2	439.7	465.4	490.5
85°	228.9	250.7	274.7	303.0	331.4	358.6	387.0	416.1	442.4	467.5	493.3
87.5°	229.4	250.7	274.7	303.6	331.4	358.2	387.5	416.4	442.7	468.8	494.9
90°	230.0	250.7	274.7	304.2	331.4	357.6	388.1	416.4	441.5	468.8	494.9
92.5°	229.4	250.7	274.7	303.6	331.4	358.2	387.5	416.4	442.7	468.8	494.9
95°	228.9	250.7	274.7	303.0	331.4	358.6	387.0	416.1	442.4	467.5	493.3
97.5°	228.3	249.1	274.1	300.7	329.3	356.4	384.9	412.2	439.7	465.4	490.5
100°	227.8	246.6	271.9	298.6	327.3	354.4	382.9	409.2	436.7	462.5	487.1
102.5°	224.9	244.9	270.0	295.9	323.6	351.3	379.2	406.2	433.5	458.8	483.0
105°	222.4	242.9	267.7	292.8	319.7	347.5	374.8	402.1	428.8	453.6	477.4
107.5°	219.3	239.4	264.1	289.4	315.9	342.4	369.4	396.8	422.8	447.2	470.9
110°	216.1	235.7	260.0	285.3	311.4	336.9	363.4	390.4	415.4	438.7	462.9



TEST NUMBER: P231967

CATALOG NUMBER: FVS4WM-4-LD4-50-1HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	212.4	232.2	254.5	279.4	305.1	330.2	356.2	382.8	407.3	432.1	455.1
115°	209.4	227.1	248.4	273.0	298.2	322.9	348.3	374.4	398.5	422.5	445.4
117.5°	203.9	221.7	242.6	266.0	290.9	315.6	340.1	365.4	389.3	412.2	434.5
120°	198.5	216.0	236.5	258.8	283.0	307.2	330.8	354.8	378.4	401.0	422.4
122.5°	192.5	209.3	229.5	251.3	275.1	297.7	320.5	343.5	366.7	389.1	410.6
125°	186.5	202.3	222.1	242.9	266.0	287.7	309.6	331.9	354.2	376.2	396.5
127.5°	180.4	195.4	213.8	233.3	254.9	276.5	298.2	319.8	341.2	362.0	382.0
130°	174.1	188.2	205.3	223.8	244.0	264.8	285.8	306.5	326.2	345.9	366.5
132.5°	166.4	179.2	195.9	213.9	233.0	252.8	272.9	292.7	311.6	330.3	348.8
135°	158.6	170.1	186.5	203.6	221.4	240.0	258.9	277.8	296.6	313.7	331.0
137.5°	150.4	161.3	176.9	192.8	209.0	226.6	244.4	262.3	280.1	297.0	313.1
140°	142.0	152.7	166.8	181.3	196.4	212.6	229.2	245.9	262.4	278.5	294.1
142.5°	133.0	142.4	154.6	167.9	182.6	197.8	213.7	229.4	245.8	259.7	274.3
145°	124.0	132.3	142.7	155.0	168.7	183.6	197.7	212.2	226.8	241.0	254.5
147.5°	114.3	122.6	131.8	143.2	155.3	168.5	181.7	194.9	208.2	221.4	233.9
150°	104.4	112.6	120.6	131.0	141.8	153.1	164.6	176.5	188.3	200.3	212.0
152.5°	95.0	101.5	108.3	117.0	126.8	136.8	147.2	157.4	168.4	178.9	189.5
155°	85.5	90.6	96.5	103.2	112.1	120.6	129.9	139.3	148.5	157.5	166.3
157.5°	75.0	79.2	85.2	91.0	97.9	105.2	112.5	121.0	129.0	136.9	145.3
160°	64.2	66.3	71.8	77.0	82.3	89.3	96.1	102.6	109.7	116.6	123.2
162.5°	54.2	56.0	59.8	64.4	68.8	73.6	79.4	84.9	90.2	96.0	101.9
165°	44.1	45.8	47.7	51.7	55.5	59.2	62.9	67.7	72.3	76.7	81.6
167.5°	34.2	35.6	37.0	38.9	42.1	45.2	48.2	51.0	54.3	58.1	61.7
170°	24.3	25.5	26.6	27.7	29.0	31.6	34.0	36.4	38.6	40.7	42.9
172.5°	16.6	17.5	18.4	19.2	19.9	20.6	21.5	23.2	24.8	26.4	27.8
175°	8.9	9.5	10.2	10.8	11.3	11.9	12.4	12.9	13.4	13.8	14.3
177.5°	5.0	5.2	5.5	5.8	6.1	6.3	6.6	6.8	7.0	7.2	7.4
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: P231967

CATALOG NUMBER: FVS4WM-4-LD4-50-1HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
2.5°	7.6	7.8	7.9	8.1	8.2	8.3	8.4	8.5	8.5	8.6	8.6
5°	15.3	16.3	17.3	18.2	19.1	19.9	20.7	21.4	22.1	22.7	23.3
7.5°	29.2	30.5	31.6	32.7	33.8	35.3	36.4	38.2	39.7	41.2	42.6
10°	45.5	48.2	50.7	53.1	55.2	57.2	59.0	60.9	62.8	64.4	65.9
12.5°	65.1	68.4	71.6	75.1	78.4	81.5	84.4	87.0	89.3	91.7	94.0
15°	85.8	90.5	94.9	99.1	103.1	107.3	111.2	114.9	118.3	121.3	124.1
17.5°	107.6	113.8	119.1	125.0	130.4	135.4	139.9	143.9	147.6	151.0	154.3
20°	130.5	137.8	144.8	151.5	157.3	162.8	167.8	172.6	177.1	181.3	185.1
22.5°	153.5	161.6	169.6	177.0	183.9	190.0	195.9	201.3	206.5	211.2	215.3
25°	176.1	185.9	196.2	203.2	210.7	217.8	224.4	230.4	235.8	240.9	246.2
27.5°	200.1	210.3	219.9	228.9	237.5	245.5	253.9	259.8	266.4	272.5	277.5
30°	223.2	234.0	244.6	255.2	264.9	273.8	282.0	289.5	296.2	302.2	308.1
32.5°	245.9	257.7	269.8	281.3	291.5	300.9	309.9	318.1	325.2	331.4	337.7
35°	267.8	280.9	293.7	305.8	316.7	326.4	335.9	344.4	352.3	359.6	366.0
37.5°	288.9	302.9	316.7	329.7	340.5	351.4	362.0	371.0	379.3	388.7	395.0
40°	309.4	323.6	338.0	351.8	364.6	377.6	387.9	396.6	405.7	414.4	422.4
42.5°	328.8	344.1	360.0	374.7	388.1	399.6	410.0	420.6	431.7	440.2	448.6
45°	348.3	364.8	380.9	395.8	408.8	420.5	432.7	444.3	455.4	465.2	471.8
47.5°	367.0	384.3	400.5	415.7	429.2	442.4	455.1	466.7	477.5	486.2	493.7
50°	384.9	402.3	419.0	434.8	449.3	463.3	476.1	487.7	499.2	507.9	515.9
52.5°	400.9	419.1	436.7	453.2	468.5	482.1	495.5	507.9	517.9	528.1	536.5
55°	416.1	435.0	454.0	469.5	485.2	500.4	514.2	526.0	536.9	547.9	556.4
57.5°	429.8	449.6	468.1	485.6	502.4	517.1	531.2	544.2	555.0	565.6	575.1
60°	443.0	463.9	482.2	500.1	516.9	532.2	546.8	559.8	571.4	582.2	591.7
62.5°	455.5	475.8	495.3	513.5	530.1	546.9	562.2	575.4	586.8	597.8	607.6
65°	466.6	487.5	507.6	526.1	543.9	560.8	576.8	589.0	600.7	612.4	622.2
67.5°	477.4	498.5	518.2	537.8	555.8	571.9	588.0	601.1	613.4	625.4	636.1
70°	485.8	507.8	528.0	548.0	565.8	582.6	598.4	612.4	625.2	637.7	648.8
72.5°	493.6	515.4	536.1	556.5	574.8	592.4	608.1	622.0	635.5	648.3	659.6
75°	500.4	522.3	543.3	563.7	582.5	599.7	616.2	630.4	644.4	657.3	668.8
77.5°	506.4	528.7	549.2	569.5	588.8	606.6	623.1	638.0	651.1	664.4	675.9
80°	510.2	533.0	553.8	574.2	593.7	611.8	628.3	643.3	656.9	670.0	681.9
82.5°	513.1	536.3	557.5	577.8	597.2	614.7	631.0	647.3	661.5	674.7	686.7
85°	515.3	538.2	560.5	580.4	599.2	617.2	633.5	650.1	664.1	677.5	689.6
87.5°	517.1	539.6	562.1	582.2	601.1	618.9	635.3	651.9	665.0	679.2	691.1
90°	517.8	539.6	561.4	582.2	601.8	618.1	634.5	651.9	665.0	679.2	690.1
92.5°	517.1	539.6	562.1	582.2	601.1	618.9	635.3	651.9	665.0	679.2	691.1
95°	515.3	538.2	560.5	580.4	599.2	617.2	633.5	650.1	664.1	677.5	689.6
97.5°	513.1	536.3	557.5	577.8	597.2	614.7	631.0	647.3	661.5	674.7	686.7
100°	510.2	533.0	553.8	574.2	593.7	611.8	628.3	643.3	656.9	670.0	681.9
102.5°	506.4	528.7	549.2	569.5	588.8	606.6	623.1	638.0	651.1	664.4	675.9
105°	500.4	522.3	543.3	563.7	582.5	599.7	616.2	630.4	644.4	657.3	668.8
107.5°	493.6	515.4	536.1	556.5	574.8	592.4	608.1	622.0	635.5	648.3	659.6
110°	485.8	507.8	528.0	548.0	565.8	582.6	598.4	612.4	625.2	637.7	648.8



TEST NUMBER: P231967

CATALOG NUMBER: FVS4WM-4-LD4-50-1HI-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°	477.4	498.5	518.2	537.8	555.8	571.9	588.0	601.1	613.4	625.4	636.1
115°	466.6	487.5	507.6	526.1	543.9	560.8	576.8	589.0	600.7	612.4	622.2
117.5°	455.5	475.8	495.3	513.5	530.1	546.9	562.2	575.4	586.8	597.8	607.6
120°	443.0	463.9	482.2	500.1	516.9	532.2	546.8	559.8	571.4	582.2	591.7
122.5°	429.8	449.6	468.1	485.6	502.4	517.1	531.2	544.2	555.0	565.6	575.1
125°	416.1	435.0	454.0	469.5	485.2	500.4	514.2	526.0	536.9	547.9	556.4
127.5°	400.9	419.1	436.7	453.2	468.5	482.1	495.5	507.9	517.9	528.1	536.5
130°	384.9	402.3	419.0	434.8	449.3	463.3	476.1	487.7	499.2	507.9	515.9
132.5°	367.0	384.3	400.5	415.7	429.2	442.4	455.1	466.7	477.5	486.2	493.7
135°	348.3	364.8	380.9	395.8	408.8	420.5	432.7	444.3	455.4	465.2	471.8
137.5°	328.8	344.1	360.0	374.7	388.1	399.6	410.0	420.6	431.7	440.2	448.6
140°	309.4	323.6	338.0	351.8	364.6	377.6	387.9	396.6	405.7	414.4	422.4
142.5°	288.9	302.9	316.7	329.7	340.5	351.4	362.0	371.0	379.3	388.7	395.0
145°	267.8	280.9	293.7	305.8	316.7	326.4	335.9	344.4	352.3	359.6	366.0
147.5°	245.9	257.7	269.8	281.3	291.5	300.9	309.9	318.1	325.2	331.4	337.7
150°	223.2	234.0	244.6	255.2	264.9	273.8	282.0	289.5	296.2	302.2	308.1
152.5°	200.1	210.3	219.9	228.9	237.5	245.5	253.9	259.8	266.4	272.5	277.5
155°	176.1	185.9	196.2	203.2	210.7	217.8	224.4	230.4	235.8	240.9	246.2
157.5°	153.5	161.6	169.6	177.0	183.9	190.0	195.9	201.3	206.5	211.2	215.3
160°	130.5	137.8	144.8	151.5	157.3	162.8	167.8	172.6	177.1	181.3	185.1
162.5°	107.6	113.8	119.1	125.0	130.4	135.4	139.9	143.9	147.6	151.0	154.3
165°	85.8	90.5	94.9	99.1	103.1	107.3	111.2	114.9	118.3	121.3	124.1
167.5°	65.1	68.4	71.6	75.1	78.4	81.5	84.4	87.0	89.3	91.7	94.0
170°	45.5	48.2	50.7	53.1	55.2	57.2	59.0	60.9	62.8	64.4	65.9
172.5°	29.2	30.5	31.6	32.7	33.8	35.3	36.4	38.2	39.7	41.2	42.6
175°	15.3	16.3	17.3	18.2	19.1	19.9	20.7	21.4	22.1	22.7	23.3
177.5°	7.6	7.8	7.9	8.1	8.2	8.3	8.4	8.5	8.5	8.6	8.6
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: P231967

CATALOG NUMBER: FVS4WM-4-LD4-50-1HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
2.5°	8.6	8.6	8.6	8.6	8.5	8.4	8.6	8.4	8.3	8.1	7.9
5°	23.8	24.3	24.7	25.0	25.3	25.5	25.6	25.7	26.2	26.0	25.7
7.5°	43.8	44.9	46.0	46.9	47.6	48.3	48.8	49.2	49.4	50.2	49.8
10°	67.0	68.9	70.6	72.0	73.2	74.2	75.0	75.5	75.9	76.9	76.4
12.5°	95.9	97.6	99.0	100.3	102.2	103.8	105.1	106.1	106.8	107.3	108.0
15°	126.6	128.8	130.7	132.3	133.6	135.2	136.9	138.1	139.0	139.4	140.2
17.5°	157.5	160.3	162.8	164.9	166.6	167.9	169.2	170.7	171.7	172.2	173.2
20°	188.4	191.6	194.3	196.6	198.4	199.7	200.5	201.6	202.8	203.5	204.8
22.5°	219.0	222.1	225.1	228.2	230.6	232.4	233.5	233.9	235.2	236.2	237.7
25°	251.0	255.2	258.9	261.3	263.6	265.3	266.6	267.3	267.9	269.0	269.4
27.5°	281.8	285.8	289.3	292.4	294.6	297.1	298.6	299.2	299.1	299.9	300.2
30°	312.3	317.0	321.4	324.9	326.9	328.4	329.7	330.4	330.4	330.6	331.3
32.5°	343.2	347.4	350.4	353.7	356.4	358.3	359.4	359.8	359.3	358.3	358.8
35°	371.4	376.0	380.0	383.3	386.1	387.7	388.3	388.7	388.7	387.9	389.2
37.5°	400.5	404.9	408.9	412.5	415.4	416.3	416.3	416.0	416.6	416.6	416.8
40°	428.4	432.3	435.9	439.6	442.0	443.2	443.5	443.1	443.6	443.0	443.6
42.5°	454.5	458.9	462.9	466.6	469.0	470.1	470.6	470.1	469.3	468.6	468.0
45°	478.2	484.3	488.3	492.2	494.4	497.0	496.8	496.3	495.5	494.7	492.7
47.5°	500.9	507.5	513.0	516.6	518.0	519.8	520.8	520.6	519.3	518.0	516.3
50°	523.0	529.9	535.1	539.0	542.4	543.6	544.0	543.5	542.7	541.5	540.6
52.5°	544.1	551.3	557.0	561.6	565.1	567.0	567.4	566.9	565.5	563.4	562.1
55°	564.0	571.1	577.5	582.3	586.5	588.5	588.9	588.3	586.9	585.1	584.5
57.5°	582.8	589.7	596.0	601.2	606.3	608.5	609.6	608.7	606.6	605.0	603.9
60°	600.0	607.1	612.7	618.7	624.1	626.8	628.2	627.3	625.6	624.2	623.1
62.5°	616.2	622.8	629.3	636.4	640.8	643.8	645.6	645.4	643.7	641.7	638.6
65°	631.6	639.0	645.7	651.5	656.2	659.9	661.7	662.2	659.8	657.8	655.0
67.5°	646.2	653.6	660.1	664.9	669.1	673.3	675.8	676.9	674.4	672.2	670.0
70°	658.2	666.7	673.6	677.3	681.4	685.0	687.8	689.1	688.3	685.2	683.5
72.5°	669.3	677.7	684.5	689.9	692.9	695.8	698.0	699.1	700.8	696.9	694.3
75°	678.4	687.2	694.0	699.0	702.6	705.4	706.3	708.1	708.7	708.0	704.5
77.5°	686.5	695.1	702.5	707.9	711.6	714.2	714.6	714.7	715.3	716.3	713.3
80°	692.6	701.2	708.5	714.2	717.9	721.4	722.3	721.1	719.2	721.0	720.8
82.5°	697.4	705.5	712.6	718.4	722.5	725.6	727.0	726.9	725.8	722.3	725.2
85°	700.5	709.1	715.7	721.5	725.3	728.2	729.8	729.5	728.9	727.0	723.2
87.5°	701.0	709.4	716.2	721.7	725.9	728.1	729.2	729.6	729.2	727.5	726.4
90°	701.0	708.6	716.3	721.7	725.0	727.2	729.3	728.2	727.2	725.0	721.7
92.5°	701.0	709.4	716.2	721.7	725.9	728.1	729.2	729.6	729.2	727.5	726.4
95°	700.5	709.1	715.7	721.5	725.3	728.2	729.8	729.5	728.9	727.0	723.2
97.5°	697.4	705.5	712.6	718.4	722.5	725.6	727.0	726.9	725.8	722.3	725.2
100°	692.6	701.2	708.5	714.2	717.9	721.4	722.3	721.1	719.2	721.0	720.8
102.5°	686.5	695.1	702.5	707.9	711.6	714.2	714.6	714.7	715.3	716.3	713.3
105°	678.4	687.2	694.0	699.0	702.6	705.4	706.3	708.1	708.7	708.0	704.5
107.5°	669.3	677.7	684.5	689.9	692.9	695.8	698.0	699.1	700.8	696.9	694.3
110°	658.2	666.7	673.6	677.3	681.4	685.0	687.8	689.1	688.3	685.2	683.5



TEST NUMBER: P231967

CATALOG NUMBER: FVS4WM-4-LD4-50-1HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	646.2	653.6	660.1	664.9	669.1	673.3	675.8	676.9	674.4	672.2	670.0
115°	631.6	639.0	645.7	651.5	656.2	659.9	661.7	662.2	659.8	657.8	655.0
117.5°	616.2	622.8	629.3	636.4	640.8	643.8	645.6	645.4	643.7	641.7	638.6
120°	600.0	607.1	612.7	618.7	624.1	626.8	628.2	627.3	625.6	624.2	623.1
122.5°	582.8	589.7	596.0	601.2	606.3	608.5	609.6	608.7	606.6	605.0	603.9
125°	564.0	571.1	577.5	582.3	586.5	588.5	588.9	588.3	586.9	585.1	584.5
127.5°	544.1	551.3	557.0	561.6	565.1	567.0	567.4	566.9	565.5	563.4	562.1
130°	523.0	529.9	535.1	539.0	542.4	543.6	544.0	543.5	542.7	541.5	540.6
132.5°	500.9	507.5	513.0	516.6	518.0	519.8	520.8	520.6	519.3	518.0	516.3
135°	478.2	484.3	488.3	492.2	494.4	497.0	496.8	496.3	495.5	494.7	492.7
137.5°	454.5	458.9	462.9	466.6	469.0	470.1	470.6	470.1	469.3	468.6	468.0
140°	428.4	432.3	435.9	439.6	442.0	443.2	443.5	443.1	443.6	443.0	443.6
142.5°	400.5	404.9	408.9	412.5	415.4	416.3	416.3	416.0	416.6	416.6	416.8
145°	371.4	376.0	380.0	383.3	386.1	387.7	388.3	388.7	388.7	387.9	389.2
147.5°	343.2	347.4	350.4	353.7	356.4	358.3	359.4	359.8	359.3	358.3	358.8
150°	312.3	317.0	321.4	324.9	326.9	328.4	329.7	330.4	330.4	330.6	331.3
152.5°	281.8	285.8	289.3	292.4	294.6	297.1	298.6	299.2	299.1	299.9	300.2
155°	251.0	255.2	258.9	261.3	263.6	265.3	266.6	267.3	267.9	269.0	269.4
157.5°	219.0	222.1	225.1	228.2	230.6	232.4	233.5	233.9	235.2	236.2	237.7
160°	188.4	191.6	194.3	196.6	198.4	199.7	200.5	201.6	202.8	203.5	204.8
162.5°	157.5	160.3	162.8	164.9	166.6	167.9	169.2	170.7	171.7	172.2	173.2
165°	126.6	128.8	130.7	132.3	133.6	135.2	136.9	138.1	139.0	139.4	140.2
167.5°	95.9	97.6	99.0	100.3	102.2	103.8	105.1	106.1	106.8	107.3	108.0
170°	67.0	68.9	70.6	72.0	73.2	74.2	75.0	75.5	75.9	76.9	76.4
172.5°	43.8	44.9	46.0	46.9	47.6	48.3	48.8	49.2	49.4	50.2	49.8
175°	23.8	24.3	24.7	25.0	25.3	25.5	25.6	25.7	26.2	26.0	25.7
177.5°	8.6	8.6	8.6	8.6	8.5	8.4	8.6	8.4	8.3	8.1	7.9
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: P231967

CATALOG NUMBER: FVS4WM-4-LD4-50-1HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	1.1	1.1
2.5°	7.8	7.6
5°	25.4	25.1
7.5°	49.5	49.1
10°	75.8	75.2
12.5°	107.4	106.8
15°	139.4	138.5
17.5°	172.2	171.2
20°	203.8	202.8
22.5°	236.6	235.5
25°	269.5	268.2
27.5°	300.1	298.7
30°	331.6	330.3
32.5°	359.0	357.6
35°	390.7	390.3
37.5°	417.0	415.4
40°	447.4	449.2
42.5°	470.5	471.0
45°	494.9	494.9
47.5°	519.8	522.2
50°	544.0	547.3
52.5°	562.9	563.6
55°	585.4	585.4
57.5°	604.7	607.2
60°	623.5	622.5
62.5°	640.3	641.0
65°	656.6	657.4
67.5°	670.9	672.6
70°	684.2	684.6
72.5°	695.8	697.7
75°	704.7	707.5
77.5°	713.5	717.3
80°	719.9	722.8
82.5°	725.3	729.3
85°	729.6	732.6
87.5°	725.7	734.8
90°	721.7	728.2
92.5°	725.7	734.8
95°	729.6	732.6
97.5°	725.3	729.3
100°	719.9	722.8
102.5°	713.5	717.3
105°	704.7	707.5
107.5°	695.8	697.7
110°	684.2	684.6



TEST NUMBER: P231967

CATALOG NUMBER: FVS4WM-4-LD4-50-1HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	670.9	672.6
115°	656.6	657.4
117.5°	640.3	641.0
120°	623.5	622.5
122.5°	604.7	607.2
125°	585.4	585.4
127.5°	562.9	563.6
130°	544.0	547.3
132.5°	519.8	522.2
135°	494.9	494.9
137.5°	470.5	471.0
140°	447.4	449.2
142.5°	417.0	415.4
145°	390.7	390.3
147.5°	359.0	357.6
150°	331.6	330.3
152.5°	300.1	298.7
155°	269.5	268.2
157.5°	236.6	235.5
160°	203.8	202.8
162.5°	172.2	171.2
165°	139.4	138.5
167.5°	107.4	106.8
170°	75.8	75.2
172.5°	49.5	49.1
175°	25.4	25.1
177.5°	7.8	7.6
180°	1.0	1.0

(END OF REPORT)