

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: P232036

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

Issue Date: 3/3/2020



Test Information

Test Method: LM-79-08
Report Number: P232036
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1706-121-24)
Test Lab: INNOVATION CENTER(G3)
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: FAIL-SAFE
Catalog Number: FVS4WM-3-LD4-30-1HI-PFS125-UNV-EDC1
Description: FAILSAFE FVS LED FIXTURE
3FT LENGTH, 1-MODULE LED WITH PFS125 LENS
Light Source: (84) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

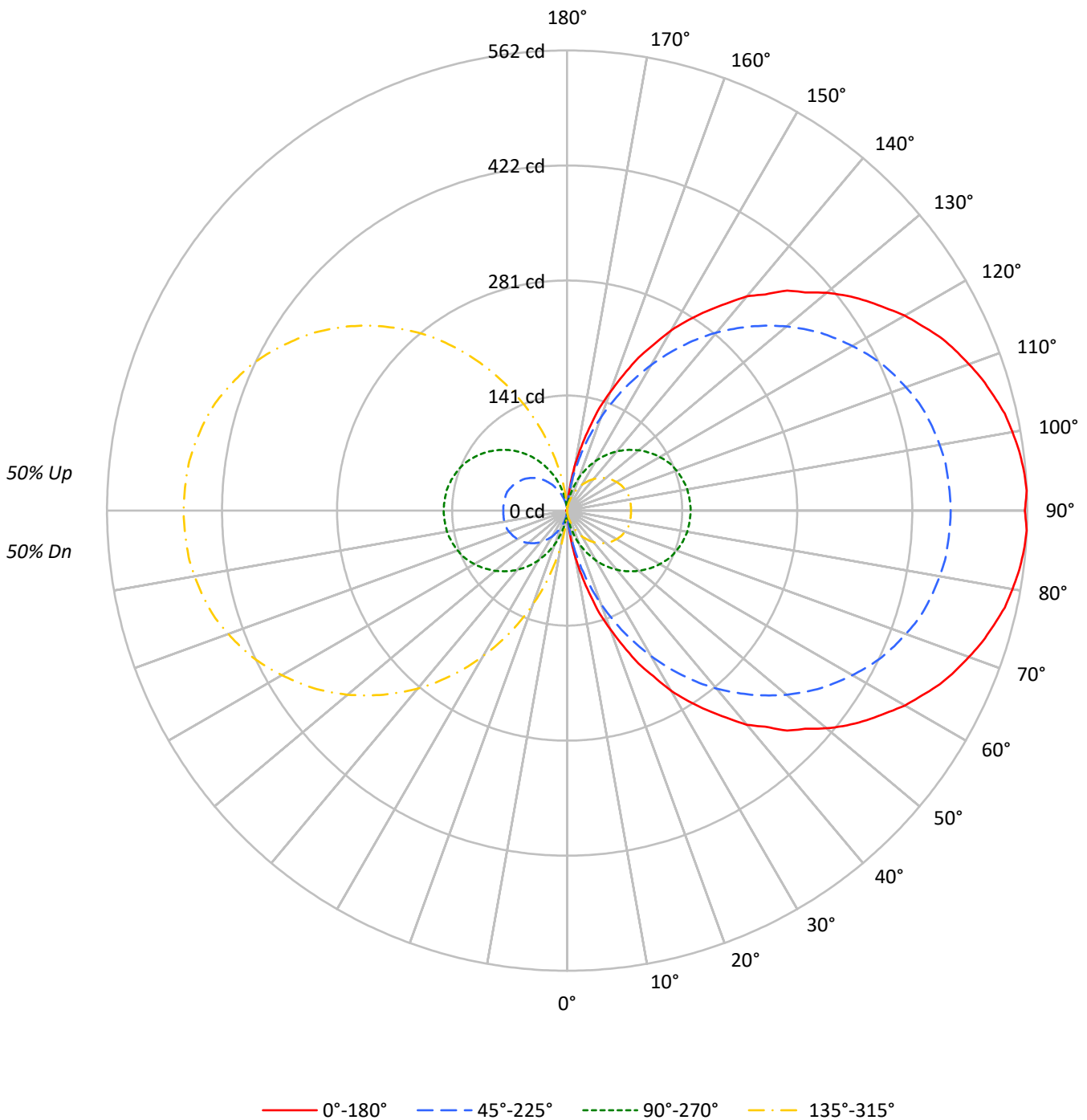
Lumens per Lamp: N/A
Luminaire Lumens: 2396.2 lumens
Efficiency: N/A
Efficacy: 66.0 lumens/watt
Spacing Criteria (0/90/45): - / - / -
Luminous Opening: Rectangular w/ Sides (W: 2.92' x L: 0.19' x H: 0.31')
CIE Type: General Diffuse

Input Watts (W): 36.3
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Luminous Intensity Polar Plot





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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20	
RC	80				70				50				30				10	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	107	107	107	107	99	99	99	99	83	83	83	69	69	69	56	56	56	50
1	92	85	79	74	84	78	72	68	64	60	56	52	49	46	40	38	36	30
2	81	71	63	55	74	65	57	51	53	47	42	42	38	34	32	29	26	21
3	73	61	51	43	66	55	47	40	45	38	33	35	30	26	27	23	19	15
4	66	52	43	35	59	48	39	32	39	32	26	30	25	21	23	19	15	11
5	60	46	36	29	54	42	33	26	34	27	22	27	21	17	20	16	12	9
6	55	41	31	24	49	37	28	22	30	23	18	24	18	14	18	13	10	7
7	50	36	27	21	45	33	25	19	27	20	15	21	16	12	16	12	8	6
8	46	32	24	18	42	30	22	16	24	18	13	19	14	10	14	10	7	5
9	43	29	21	15	39	27	19	14	22	16	11	17	12	9	13	9	6	4
10	40	27	19	13	36	24	17	12	20	14	10	16	11	8	12	8	5	3

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	0	0	0	0
5°	298	94	0	94
10°	891	322	0	322
15°	1464	572	0	572
20°	2006	873	0	873
25°	2516	1175	0	1175
30°	2942	1503	0	1503
35°	3296	1848	0	1848
40°	3658	2223	0	2223
45°	3967	2637	0	2637
50°	4242	3109	0	3109
55°	4532	3664	0	3664
60°	4823	4343	0	4343
65°	5113	5211	0	5211
70°	5388	6331	10	6331
75°	5685	7942	11	7942
80°	5988	10512	0	10512
85°	6306	15237	0	15237



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1.3	0.1
10°-20°	13.3	0.6
20°-30°	41.7	1.7
30°-40°	83.1	3.5
40°-50°	131.4	5.5
50°-60°	180.1	7.5
60°-70°	223.0	9.3
70°-80°	254.4	10.6
80°-90°	269.9	11.3
90°-100°	269.9	11.3
100°-110°	254.4	10.6
110°-120°	223.0	9.3
120°-130°	180.1	7.5
130°-140°	131.4	5.5
140°-150°	83.1	3.5
150°-160°	41.7	1.7
160°-170°	13.3	0.6
170°-180°	1.3	0.1
0°-30°	56.3	2.3
0°-40°	139.3	5.8
0°-60°	450.8	18.8
0°-90°	1198.1	50.0
90°-120°	747.3	31.2
90°-150°	1141.8	47.7
90°-180°	1198.0	50.0
0°-180°	2396.2	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	0	0	0	0	0	
5°	17	5	0	5	17	3
15°	104	29	0	29	104	31
25°	206	57	0	57	206	96
35°	297	83	0	83	297	188
45°	380	105	0	105	380	293
55°	446	123	0	123	446	400
65°	502	138	0	138	502	497
75°	540	146	1	146	540	570
85°	560	150	0	150	560	456
90°	559	151	0	151	559	307
95°	560	150	0	150	560	456
105°	540	146	1	146	540	570
115°	502	138	0	138	502	497
125°	446	123	0	123	446	400
135°	380	105	0	105	380	293
145°	297	83	0	83	297	188
155°	206	57	0	57	206	96
165°	104	29	0	29	104	31
175°	17	5	0	5	17	3
180°	0	0	0	0	0	



TEST NUMBER: P232036

CATALOG NUMBER: FVS4WM-3-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	5.8	5.9	6.0	6.1	6.2	6.3	6.4	6.3	6.3	6.3	6.3
5°	17.3	17.6	17.9	18.2	18.5	18.2	18.2	18.2	18.2	18.0	17.9
7.5°	35.6	36.0	36.4	36.7	36.3	36.2	36.0	35.7	35.4	34.9	34.3
10°	57.7	58.2	58.7	59.2	58.4	58.1	57.7	57.1	56.3	55.4	54.3
12.5°	79.9	80.5	81.2	80.8	80.7	80.4	79.8	79.1	78.1	76.9	75.9
15°	103.9	104.8	105.7	105.3	105.2	104.8	104.0	103.0	101.8	100.7	99.3
17.5°	131.8	132.1	132.4	131.1	130.3	129.2	127.8	126.8	125.9	124.6	123.0
20°	153.9	154.8	155.6	154.8	154.3	153.3	152.4	151.7	150.6	149.1	147.2
22.5°	178.9	179.9	180.9	179.9	179.3	178.4	177.9	177.0	175.7	174.0	172.0
25°	205.9	206.6	206.2	205.6	204.5	203.8	203.1	201.9	200.3	198.3	196.2
27.5°	228.0	229.2	229.4	229.3	228.7	228.3	227.4	226.0	224.0	222.4	220.0
30°	254.0	254.5	253.9	253.0	252.4	252.0	250.9	249.3	247.6	245.3	242.7
32.5°	276.1	276.7	276.1	275.2	275.1	274.8	273.8	272.7	271.3	269.2	265.9
35°	297.3	298.0	297.3	296.7	297.3	297.2	296.4	295.4	294.0	291.9	288.9
37.5°	318.4	319.2	318.5	318.3	318.9	318.8	318.3	317.1	315.1	312.8	310.0
40°	341.5	341.5	339.9	339.6	339.5	339.2	339.0	338.4	336.6	333.7	330.3
42.5°	357.9	358.8	358.2	358.9	359.2	359.0	358.6	357.6	356.2	353.7	350.5
45°	380.0	379.1	376.5	377.8	378.3	378.4	377.7	377.6	375.5	373.1	370.1
47.5°	394.4	394.9	394.3	395.4	396.1	396.7	396.5	395.8	394.1	391.6	388.1
50°	413.7	414.2	413.4	413.5	413.8	414.0	414.1	413.3	412.0	410.2	406.5
52.5°	431.0	431.0	430.3	430.5	430.9	431.2	431.7	430.7	428.9	426.3	423.2
55°	446.4	446.4	445.4	445.4	447.0	447.6	447.6	447.2	445.4	442.6	438.6
57.5°	460.8	460.8	460.9	461.5	462.6	463.4	463.5	463.0	461.3	458.1	454.7
60°	476.2	475.4	474.7	475.6	476.8	478.0	478.1	477.6	475.8	472.5	468.4
62.5°	488.7	488.1	487.5	488.5	490.0	491.8	492.0	491.0	489.1	485.6	480.7
65°	502.2	500.7	500.3	501.4	502.8	504.7	504.4	503.6	501.4	497.6	493.2
67.5°	512.8	511.4	511.8	513.1	514.8	516.3	515.8	514.6	512.2	508.3	503.8
70°	522.4	520.8	521.4	523.0	525.4	526.8	526.2	524.2	521.3	517.6	513.3
72.5°	532.0	530.4	530.2	532.0	534.0	535.5	534.4	533.0	529.9	526.0	521.3
75°	539.7	537.4	538.6	540.5	542.8	542.5	541.4	539.7	537.4	533.2	528.2
77.5°	547.4	544.1	545.9	548.3	549.0	548.8	547.2	545.5	543.1	539.1	534.4
80°	552.2	549.5	551.9	553.5	553.7	552.9	551.8	551.1	547.9	543.8	539.3
82.5°	557.0	554.2	557.0	556.5	556.6	556.7	555.4	553.6	551.0	547.4	542.7
85°	559.9	558.5	558.2	558.4	558.7	558.5	557.5	556.0	553.4	550.1	544.4
87.5°	561.8	559.5	558.2	558.2	558.8	558.9	557.8	555.6	553.4	550.3	545.2
90°	559.0	554.1	554.1	556.1	557.0	557.0	557.0	555.1	553.2	550.3	544.5
92.5°	561.8	559.5	558.2	558.2	558.8	558.9	557.8	555.6	553.4	550.3	545.2
95°	559.9	558.5	558.2	558.4	558.7	558.5	557.5	556.0	553.4	550.1	544.4
97.5°	557.0	554.2	557.0	556.5	556.6	556.7	555.4	553.6	551.0	547.4	542.7
100°	552.2	549.5	551.9	553.5	553.7	552.9	551.8	551.1	547.9	543.8	539.3
102.5°	547.4	544.1	545.9	548.3	549.0	548.8	547.2	545.5	543.1	539.1	534.4
105°	539.7	537.4	538.6	540.5	542.8	542.5	541.4	539.7	537.4	533.2	528.2
107.5°	532.0	530.4	530.2	532.0	534.0	535.5	534.4	533.0	529.9	526.0	521.3
110°	522.4	520.8	521.4	523.0	525.4	526.8	526.2	524.2	521.3	517.6	513.3



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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°	512.8	511.4	511.8	513.1	514.8	516.3	515.8	514.6	512.2	508.3	503.8
115°	502.2	500.7	500.3	501.4	502.8	504.7	504.4	503.6	501.4	497.6	493.2
117.5°	488.7	488.1	487.5	488.5	490.0	491.8	492.0	491.0	489.1	485.6	480.7
120°	476.2	475.4	474.7	475.6	476.8	478.0	478.1	477.6	475.8	472.5	468.4
122.5°	460.8	460.8	460.9	461.5	462.6	463.4	463.5	463.0	461.3	458.1	454.7
125°	446.4	446.4	445.4	445.4	447.0	447.6	447.6	447.2	445.4	442.6	438.6
127.5°	431.0	431.0	430.3	430.5	430.9	431.2	431.7	430.7	428.9	426.3	423.2
130°	413.7	414.2	413.4	413.5	413.8	414.0	414.1	413.3	412.0	410.2	406.5
132.5°	394.4	394.9	394.3	395.4	396.1	396.7	396.5	395.8	394.1	391.6	388.1
135°	380.0	379.1	376.5	377.8	378.3	378.4	377.7	377.6	375.5	373.1	370.1
137.5°	357.9	358.8	358.2	358.9	359.2	359.0	358.6	357.6	356.2	353.7	350.5
140°	341.5	341.5	339.9	339.6	339.5	339.2	339.0	338.4	336.6	333.7	330.3
142.5°	318.4	319.2	318.5	318.3	318.9	318.8	318.3	317.1	315.1	312.8	310.0
145°	297.3	298.0	297.3	296.7	297.3	297.2	296.4	295.4	294.0	291.9	288.9
147.5°	276.1	276.7	276.1	275.2	275.1	274.8	273.8	272.7	271.3	269.2	265.9
150°	254.0	254.5	253.9	253.0	252.4	252.0	250.9	249.3	247.6	245.3	242.7
152.5°	228.0	229.2	229.4	229.3	228.7	228.3	227.4	226.0	224.0	222.4	220.0
155°	205.9	206.6	206.2	205.6	204.5	203.8	203.1	201.9	200.3	198.3	196.2
157.5°	178.9	179.9	180.9	179.9	179.3	178.4	177.9	177.0	175.7	174.0	172.0
160°	153.9	154.8	155.6	154.8	154.3	153.3	152.4	151.7	150.6	149.1	147.2
162.5°	131.8	132.1	132.4	131.1	130.3	129.2	127.8	126.8	125.9	124.6	123.0
165°	103.9	104.8	105.7	105.3	105.2	104.8	104.0	103.0	101.8	100.7	99.3
167.5°	79.9	80.5	81.2	80.8	80.7	80.4	79.8	79.1	78.1	76.9	75.9
170°	57.7	58.2	58.7	59.2	58.4	58.1	57.7	57.1	56.3	55.4	54.3
172.5°	35.6	36.0	36.4	36.7	36.3	36.2	36.0	35.7	35.4	34.9	34.3
175°	17.3	17.6	17.9	18.2	18.5	18.2	18.2	18.2	18.2	18.0	17.9
177.5°	5.8	5.9	6.0	6.1	6.2	6.3	6.4	6.3	6.3	6.3	6.3
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	6.3	6.2	6.2	6.1	6.1	6.0	5.9	5.8	5.7	5.6	5.4
5°	17.6	17.3	17.0	16.6	16.2	15.7	15.1	14.5	13.9	13.2	12.4
7.5°	33.6	32.9	32.0	31.1	30.1	29.0	27.7	26.8	25.7	24.7	23.8
10°	53.0	51.6	50.4	49.1	47.6	46.0	44.5	43.1	41.5	39.8	38.0
12.5°	74.7	73.3	71.7	69.8	67.7	65.7	63.5	61.1	58.7	56.1	53.4
15°	97.7	96.0	94.0	91.8	89.3	86.5	83.4	80.4	77.1	74.2	71.0
17.5°	120.9	118.4	115.9	113.4	110.9	108.0	104.7	101.1	97.4	93.5	89.5
20°	144.9	142.4	139.7	136.7	133.3	129.7	125.9	121.7	117.0	112.3	107.7
22.5°	169.8	167.1	164.0	160.4	156.4	152.2	147.7	142.8	137.8	132.3	126.8
25°	193.8	190.9	187.7	184.1	179.5	174.6	169.3	163.8	158.0	151.8	146.2
27.5°	217.2	213.9	210.3	206.4	201.6	196.2	191.1	184.2	178.2	171.8	164.8
30°	239.6	236.5	233.2	228.3	223.6	218.4	211.9	205.2	198.3	191.2	183.8
32.5°	262.8	259.4	255.4	250.3	244.8	239.0	232.7	225.7	218.2	210.3	201.9
35°	285.4	281.4	277.2	272.4	266.7	260.0	253.0	245.6	237.9	229.4	220.2
37.5°	306.4	302.4	297.9	293.4	286.8	280.5	273.2	265.3	257.0	248.2	238.3
40°	327.1	323.3	318.6	312.9	306.4	299.3	292.1	283.9	274.7	265.2	255.5
42.5°	346.9	343.3	338.8	332.6	327.1	318.2	309.6	301.0	291.5	281.4	271.0
45°	365.9	361.3	356.4	350.9	343.9	336.5	327.6	318.0	308.1	297.9	286.2
47.5°	384.7	380.4	374.6	368.2	360.8	352.4	344.2	334.3	323.8	313.7	301.7
50°	402.7	398.0	392.0	385.3	378.6	368.8	359.6	349.8	338.8	327.3	315.5
52.5°	419.5	414.3	408.3	400.8	392.8	384.7	374.6	364.4	354.0	341.1	328.5
55°	434.6	429.9	423.3	416.0	407.3	398.2	388.5	378.3	366.6	354.2	341.9
57.5°	449.5	443.4	437.1	429.6	421.1	411.8	401.4	390.4	378.8	366.4	353.0
60°	463.8	457.1	449.9	442.4	433.7	424.2	413.7	402.1	390.1	377.4	363.7
62.5°	475.2	470.0	462.2	453.7	445.2	435.8	425.1	413.5	401.0	387.7	373.7
65°	487.1	480.5	473.5	464.3	455.5	446.1	435.5	423.9	410.8	396.8	382.5
67.5°	498.0	491.1	483.5	474.8	465.2	455.1	444.4	432.6	419.7	405.5	390.3
70°	507.4	500.6	493.3	483.7	473.5	463.0	452.3	440.4	427.3	413.7	397.9
72.5°	515.3	508.9	501.0	491.6	481.6	471.2	459.9	448.1	434.1	421.0	405.1
75°	522.5	515.9	508.0	498.4	488.6	478.2	466.1	453.8	440.3	426.6	410.8
77.5°	528.7	521.7	513.5	504.7	494.5	483.4	471.1	458.2	444.9	430.5	414.5
80°	533.4	526.2	517.9	508.9	498.6	487.0	474.5	462.0	448.3	434.0	418.2
82.5°	537.0	530.1	521.6	512.1	501.2	489.6	477.4	465.5	451.3	436.4	421.7
85°	538.6	531.8	523.8	514.0	502.8	491.7	479.4	466.8	452.9	438.3	423.7
87.5°	539.4	533.0	524.3	514.8	504.1	493.5	481.0	467.9	453.8	439.7	424.9
90°	538.8	533.0	524.3	515.7	504.1	493.5	481.0	468.5	453.1	439.7	424.3
92.5°	539.4	533.0	524.3	514.8	504.1	493.5	481.0	467.9	453.8	439.7	424.9
95°	538.6	531.8	523.8	514.0	502.8	491.7	479.4	466.8	452.9	438.3	423.7
97.5°	537.0	530.1	521.6	512.1	501.2	489.6	477.4	465.5	451.3	436.4	421.7
100°	533.4	526.2	517.9	508.9	498.6	487.0	474.5	462.0	448.3	434.0	418.2
102.5°	528.7	521.7	513.5	504.7	494.5	483.4	471.1	458.2	444.9	430.5	414.5
105°	522.5	515.9	508.0	498.4	488.6	478.2	466.1	453.8	440.3	426.6	410.8
107.5°	515.3	508.9	501.0	491.6	481.6	471.2	459.9	448.1	434.1	421.0	405.1
110°	507.4	500.6	493.3	483.7	473.5	463.0	452.3	440.4	427.3	413.7	397.9



TEST NUMBER: P232036

CATALOG NUMBER: FVS4WM-3-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°	498.0	491.1	483.5	474.8	465.2	455.1	444.4	432.6	419.7	405.5	390.3
115°	487.1	480.5	473.5	464.3	455.5	446.1	435.5	423.9	410.8	396.8	382.5
117.5°	475.2	470.0	462.2	453.7	445.2	435.8	425.1	413.5	401.0	387.7	373.7
120°	463.8	457.1	449.9	442.4	433.7	424.2	413.7	402.1	390.1	377.4	363.7
122.5°	449.5	443.4	437.1	429.6	421.1	411.8	401.4	390.4	378.8	366.4	353.0
125°	434.6	429.9	423.3	416.0	407.3	398.2	388.5	378.3	366.6	354.2	341.9
127.5°	419.5	414.3	408.3	400.8	392.8	384.7	374.6	364.4	354.0	341.1	328.5
130°	402.7	398.0	392.0	385.3	378.6	368.8	359.6	349.8	338.8	327.3	315.5
132.5°	384.7	380.4	374.6	368.2	360.8	352.4	344.2	334.3	323.8	313.7	301.7
135°	365.9	361.3	356.4	350.9	343.9	336.5	327.6	318.0	308.1	297.9	286.2
137.5°	346.9	343.3	338.8	332.6	327.1	318.2	309.6	301.0	291.5	281.4	271.0
140°	327.1	323.3	318.6	312.9	306.4	299.3	292.1	283.9	274.7	265.2	255.5
142.5°	306.4	302.4	297.9	293.4	286.8	280.5	273.2	265.3	257.0	248.2	238.3
145°	285.4	281.4	277.2	272.4	266.7	260.0	253.0	245.6	237.9	229.4	220.2
147.5°	262.8	259.4	255.4	250.3	244.8	239.0	232.7	225.7	218.2	210.3	201.9
150°	239.6	236.5	233.2	228.3	223.6	218.4	211.9	205.2	198.3	191.2	183.8
152.5°	217.2	213.9	210.3	206.4	201.6	196.2	191.1	184.2	178.2	171.8	164.8
155°	193.8	190.9	187.7	184.1	179.5	174.6	169.3	163.8	158.0	151.8	146.2
157.5°	169.8	167.1	164.0	160.4	156.4	152.2	147.7	142.8	137.8	132.3	126.8
160°	144.9	142.4	139.7	136.7	133.3	129.7	125.9	121.7	117.0	112.3	107.7
162.5°	120.9	118.4	115.9	113.4	110.9	108.0	104.7	101.1	97.4	93.5	89.5
165°	97.7	96.0	94.0	91.8	89.3	86.5	83.4	80.4	77.1	74.2	71.0
167.5°	74.7	73.3	71.7	69.8	67.7	65.7	63.5	61.1	58.7	56.1	53.4
170°	53.0	51.6	50.4	49.1	47.6	46.0	44.5	43.1	41.5	39.8	38.0
172.5°	33.6	32.9	32.0	31.1	30.1	29.0	27.7	26.8	25.7	24.7	23.8
175°	17.6	17.3	17.0	16.6	16.2	15.7	15.1	14.5	13.9	13.2	12.4
177.5°	6.3	6.2	6.2	6.1	6.1	6.0	5.9	5.8	5.7	5.6	5.4
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232036

CATALOG NUMBER: FVS4WM-3-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	5.3	5.1	5.0	4.8	4.6	4.4	4.2	4.0	3.8	3.6	3.4
5°	11.7	10.8	10.0	9.6	9.2	8.9	8.5	8.1	7.6	7.2	6.7
7.5°	22.8	21.7	20.6	19.5	18.2	17.0	15.6	15.0	14.5	13.9	13.3
10°	36.0	33.9	31.8	30.2	28.7	27.0	25.3	23.5	21.7	20.8	20.0
12.5°	50.9	48.4	45.7	43.0	40.1	37.6	35.5	33.3	31.0	28.6	27.1
15°	67.6	63.9	60.6	56.8	53.4	49.9	46.3	43.4	40.6	37.6	34.5
17.5°	86.0	81.0	76.3	71.4	66.7	62.6	58.3	53.8	50.2	47.0	43.6
20°	102.8	97.6	92.0	86.7	81.4	76.0	70.8	65.3	59.6	56.0	52.5
22.5°	121.1	115.0	108.3	101.3	95.5	89.8	83.7	77.6	71.3	65.6	61.7
25°	139.2	132.5	125.4	118.0	110.6	103.8	96.9	89.9	83.1	76.2	71.0
27.5°	157.6	150.0	141.9	133.5	125.8	117.7	109.7	101.5	93.7	86.4	79.8
30°	175.8	167.3	158.5	149.5	140.6	131.4	121.9	112.8	103.8	95.9	88.5
32.5°	192.9	183.6	174.0	164.5	155.4	145.4	134.7	124.3	114.0	105.0	96.7
35°	210.4	200.1	189.8	179.2	168.8	158.3	147.1	136.3	124.8	114.2	105.0
37.5°	227.5	216.8	206.0	194.5	183.3	170.9	159.0	147.0	135.2	123.5	113.6
40°	244.5	232.5	220.9	208.8	195.7	182.9	170.3	157.8	145.3	133.2	122.2
42.5°	260.2	247.7	234.8	221.9	208.4	194.8	181.4	168.1	154.5	141.7	129.5
45°	274.4	262.3	248.9	235.2	221.4	206.7	192.5	178.6	163.7	149.7	136.5
47.5°	288.4	275.7	262.3	249.1	234.1	218.6	202.7	188.4	172.7	157.6	143.5
50°	302.2	288.8	274.8	259.9	244.7	228.9	211.7	196.8	181.2	165.3	150.4
52.5°	315.5	301.1	286.1	270.6	254.8	238.7	221.1	205.0	189.2	172.2	157.0
55°	328.2	313.3	297.6	281.4	265.1	248.0	230.3	213.1	197.1	179.0	163.2
57.5°	339.1	324.5	309.4	292.1	275.1	257.2	238.9	220.9	204.1	185.6	169.0
60°	349.3	334.5	318.6	301.3	283.6	265.6	246.6	228.7	210.6	191.9	174.7
62.5°	358.6	343.5	327.4	309.8	291.4	273.4	253.8	235.3	216.5	197.4	179.6
65°	367.4	351.6	335.3	317.4	298.2	280.3	260.4	240.9	221.8	202.5	184.2
67.5°	374.9	358.8	342.2	324.3	304.9	286.4	266.5	246.0	226.2	206.9	188.3
70°	381.8	365.4	348.2	330.5	311.5	291.9	271.7	250.9	230.3	210.8	192.2
72.5°	388.6	371.5	353.9	336.0	317.1	296.9	276.1	255.4	234.4	214.4	194.6
75°	394.1	376.9	358.9	340.1	321.3	301.3	279.5	259.5	238.5	217.9	196.6
77.5°	398.4	381.4	363.3	343.8	324.4	304.9	283.0	262.7	240.8	220.3	198.7
80°	401.2	383.8	366.2	346.9	326.7	307.4	286.4	265.5	242.4	222.4	200.8
82.5°	403.7	386.0	368.7	349.7	329.2	309.7	287.7	267.4	244.5	223.7	203.4
85°	405.7	388.3	371.0	351.9	331.8	312.5	288.7	269.4	247.1	225.1	204.9
87.5°	407.0	389.2	371.5	353.1	332.5	311.8	289.1	269.8	246.8	225.1	204.0
90°	407.0	388.7	370.4	353.1	331.9	310.7	289.6	270.3	246.3	225.1	203.0
92.5°	407.0	389.2	371.5	353.1	332.5	311.8	289.1	269.8	246.8	225.1	204.0
95°	405.7	388.3	371.0	351.9	331.8	312.5	288.7	269.4	247.1	225.1	204.9
97.5°	403.7	386.0	368.7	349.7	329.2	309.7	287.7	267.4	244.5	223.7	203.4
100°	401.2	383.8	366.2	346.9	326.7	307.4	286.4	265.5	242.4	222.4	200.8
102.5°	398.4	381.4	363.3	343.8	324.4	304.9	283.0	262.7	240.8	220.3	198.7
105°	394.1	376.9	358.9	340.1	321.3	301.3	279.5	259.5	238.5	217.9	196.6
107.5°	388.6	371.5	353.9	336.0	317.1	296.9	276.1	255.4	234.4	214.4	194.6
110°	381.8	365.4	348.2	330.5	311.5	291.9	271.7	250.9	230.3	210.8	192.2



TEST NUMBER: P232036

CATALOG NUMBER: FVS4WM-3-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°	374.9	358.8	342.2	324.3	304.9	286.4	266.5	246.0	226.2	206.9	188.3
115°	367.4	351.6	335.3	317.4	298.2	280.3	260.4	240.9	221.8	202.5	184.2
117.5°	358.6	343.5	327.4	309.8	291.4	273.4	253.8	235.3	216.5	197.4	179.6
120°	349.3	334.5	318.6	301.3	283.6	265.6	246.6	228.7	210.6	191.9	174.7
122.5°	339.1	324.5	309.4	292.1	275.1	257.2	238.9	220.9	204.1	185.6	169.0
125°	328.2	313.3	297.6	281.4	265.1	248.0	230.3	213.1	197.1	179.0	163.2
127.5°	315.5	301.1	286.1	270.6	254.8	238.7	221.1	205.0	189.2	172.2	157.0
130°	302.2	288.8	274.8	259.9	244.7	228.9	211.7	196.8	181.2	165.3	150.4
132.5°	288.4	275.7	262.3	249.1	234.1	218.6	202.7	188.4	172.7	157.6	143.5
135°	274.4	262.3	248.9	235.2	221.4	206.7	192.5	178.6	163.7	149.7	136.5
137.5°	260.2	247.7	234.8	221.9	208.4	194.8	181.4	168.1	154.5	141.7	129.5
140°	244.5	232.5	220.9	208.8	195.7	182.9	170.3	157.8	145.3	133.2	122.2
142.5°	227.5	216.8	206.0	194.5	183.3	170.9	159.0	147.0	135.2	123.5	113.6
145°	210.4	200.1	189.8	179.2	168.8	158.3	147.1	136.3	124.8	114.2	105.0
147.5°	192.9	183.6	174.0	164.5	155.4	145.4	134.7	124.3	114.0	105.0	96.7
150°	175.8	167.3	158.5	149.5	140.6	131.4	121.9	112.8	103.8	95.9	88.5
152.5°	157.6	150.0	141.9	133.5	125.8	117.7	109.7	101.5	93.7	86.4	79.8
155°	139.2	132.5	125.4	118.0	110.6	103.8	96.9	89.9	83.1	76.2	71.0
157.5°	121.1	115.0	108.3	101.3	95.5	89.8	83.7	77.6	71.3	65.6	61.7
160°	102.8	97.6	92.0	86.7	81.4	76.0	70.8	65.3	59.6	56.0	52.5
162.5°	86.0	81.0	76.3	71.4	66.7	62.6	58.3	53.8	50.2	47.0	43.6
165°	67.6	63.9	60.6	56.8	53.4	49.9	46.3	43.4	40.6	37.6	34.5
167.5°	50.9	48.4	45.7	43.0	40.1	37.6	35.5	33.3	31.0	28.6	27.1
170°	36.0	33.9	31.8	30.2	28.7	27.0	25.3	23.5	21.7	20.8	20.0
172.5°	22.8	21.7	20.6	19.5	18.2	17.0	15.6	15.0	14.5	13.9	13.3
175°	11.7	10.8	10.0	9.6	9.2	8.9	8.5	8.1	7.6	7.2	6.7
177.5°	5.3	5.1	5.0	4.8	4.6	4.4	4.2	4.0	3.8	3.6	3.4
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232036

CATALOG NUMBER: FVS4WM-3-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	3.1	2.9	2.7	2.4	2.4	2.4	2.4	2.4	2.3	2.3	2.3
5°	6.3	5.8	5.3	4.8	4.8	4.8	4.8	4.7	4.7	4.6	4.6
7.5°	12.7	12.0	11.3	10.6	10.5	10.3	10.1	9.8	9.6	9.3	9.0
10°	19.2	18.3	17.4	16.4	16.0	15.6	15.2	14.7	14.2	13.8	13.3
12.5°	26.1	25.0	23.9	22.7	22.3	21.9	21.4	20.9	20.3	19.8	19.2
15°	33.0	31.7	30.3	28.9	28.6	28.2	27.8	27.3	26.7	26.0	25.3
17.5°	40.9	39.4	37.8	36.1	35.6	35.1	34.4	33.8	33.1	32.3	31.5
20°	48.9	47.1	45.2	43.3	42.6	41.8	41.0	40.3	39.5	38.7	37.5
22.5°	57.5	54.6	52.4	50.1	49.3	48.4	47.5	46.8	45.9	44.8	43.4
25°	66.3	62.2	59.6	56.8	55.9	54.9	54.1	53.3	52.3	50.9	49.4
27.5°	74.5	69.5	66.6	63.5	62.5	61.5	60.5	59.5	58.3	56.9	55.4
30°	82.6	76.7	73.5	70.2	69.2	68.0	66.8	65.5	64.4	63.1	61.4
32.5°	89.8	83.4	79.8	76.5	75.4	74.2	72.8	71.5	70.2	68.7	67.0
35°	96.9	90.1	86.0	82.7	81.5	80.3	78.9	77.3	75.8	74.0	72.1
37.5°	104.4	97.2	92.2	88.5	87.3	85.9	84.4	82.9	81.2	79.3	77.4
40°	112.0	104.3	98.5	94.3	93.0	91.6	90.0	88.3	86.6	84.7	82.6
42.5°	118.2	110.3	104.1	99.6	98.2	96.7	95.2	93.5	91.7	89.8	87.6
45°	124.7	116.1	109.6	104.9	103.4	101.9	100.3	98.5	96.7	94.5	91.9
47.5°	131.4	121.9	114.6	109.7	108.2	106.6	104.9	103.2	101.3	98.9	96.1
50°	138.0	127.6	119.6	114.5	113.0	111.3	109.6	107.8	105.8	103.3	100.4
52.5°	143.5	132.4	124.1	118.8	116.9	115.1	113.5	111.9	109.7	107.0	104.2
55°	148.9	137.1	128.6	123.1	120.8	118.9	117.5	115.9	113.3	110.5	107.6
57.5°	154.0	141.5	132.6	127.0	124.6	122.6	121.1	119.3	116.8	113.9	111.0
60°	159.1	145.9	136.7	130.8	128.3	126.4	124.6	122.7	120.3	117.4	114.6
62.5°	163.6	149.7	139.7	134.2	131.6	129.3	127.7	125.7	123.2	120.4	117.3
65°	168.1	153.4	142.7	137.6	134.9	132.2	130.8	128.6	125.9	123.0	119.7
67.5°	171.5	156.4	145.7	140.0	137.3	135.0	133.0	130.8	128.1	125.3	121.9
70°	174.7	159.2	148.7	142.4	139.7	137.7	135.1	133.0	130.4	127.5	123.9
72.5°	177.4	161.5	151.2	144.3	141.5	139.6	136.9	134.9	132.2	129.0	125.6
75°	179.9	163.7	153.9	146.2	143.4	141.5	138.7	136.7	133.9	130.4	127.2
77.5°	181.6	165.4	154.4	147.7	144.4	142.4	140.1	137.7	134.9	131.6	128.3
80°	183.0	167.4	154.9	149.1	145.4	143.3	141.4	138.6	135.8	132.9	129.1
82.5°	184.2	168.3	155.8	149.6	146.3	144.3	141.9	139.5	136.3	133.4	129.6
85°	184.7	169.3	156.8	150.1	147.2	145.3	142.4	140.5	136.7	133.7	130.0
87.5°	185.2	168.9	156.8	150.6	147.2	145.3	142.9	140.5	137.1	134.2	130.4
90°	185.7	168.4	156.8	151.0	147.2	145.3	143.3	140.5	137.6	134.7	130.8
92.5°	185.2	168.9	156.8	150.6	147.2	145.3	142.9	140.5	137.1	134.2	130.4
95°	184.7	169.3	156.8	150.1	147.2	145.3	142.4	140.5	136.7	133.7	130.0
97.5°	184.2	168.3	155.8	149.6	146.3	144.3	141.9	139.5	136.3	133.4	129.6
100°	183.0	167.4	154.9	149.1	145.4	143.3	141.4	138.6	135.8	132.9	129.1
102.5°	181.6	165.4	154.4	147.7	144.4	142.4	140.1	137.7	134.9	131.6	128.3
105°	179.9	163.7	153.9	146.2	143.4	141.5	138.7	136.7	133.9	130.4	127.2
107.5°	177.4	161.5	151.2	144.3	141.5	139.6	136.9	134.9	132.2	129.0	125.6
110°	174.7	159.2	148.7	142.4	139.7	137.7	135.1	133.0	130.4	127.5	123.9



TEST NUMBER: P232036

CATALOG NUMBER: FVS4WM-3-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°	171.5	156.4	145.7	140.0	137.3	135.0	133.0	130.8	128.1	125.3	121.9
115°	168.1	153.4	142.7	137.6	134.9	132.2	130.8	128.6	125.9	123.0	119.7
117.5°	163.6	149.7	139.7	134.2	131.6	129.3	127.7	125.7	123.2	120.4	117.3
120°	159.1	145.9	136.7	130.8	128.3	126.4	124.6	122.7	120.3	117.4	114.6
122.5°	154.0	141.5	132.6	127.0	124.6	122.6	121.1	119.3	116.8	113.9	111.0
125°	148.9	137.1	128.6	123.1	120.8	118.9	117.5	115.9	113.3	110.5	107.6
127.5°	143.5	132.4	124.1	118.8	116.9	115.1	113.5	111.9	109.7	107.0	104.2
130°	138.0	127.6	119.6	114.5	113.0	111.3	109.6	107.8	105.8	103.3	100.4
132.5°	131.4	121.9	114.6	109.7	108.2	106.6	104.9	103.2	101.3	98.9	96.1
135°	124.7	116.1	109.6	104.9	103.4	101.9	100.3	98.5	96.7	94.5	91.9
137.5°	118.2	110.3	104.1	99.6	98.2	96.7	95.2	93.5	91.7	89.8	87.6
140°	112.0	104.3	98.5	94.3	93.0	91.6	90.0	88.3	86.6	84.7	82.6
142.5°	104.4	97.2	92.2	88.5	87.3	85.9	84.4	82.9	81.2	79.3	77.4
145°	96.9	90.1	86.0	82.7	81.5	80.3	78.9	77.3	75.8	74.0	72.1
147.5°	89.8	83.4	79.8	76.5	75.4	74.2	72.8	71.5	70.2	68.7	67.0
150°	82.6	76.7	73.5	70.2	69.2	68.0	66.8	65.5	64.4	63.1	61.4
152.5°	74.5	69.5	66.6	63.5	62.5	61.5	60.5	59.5	58.3	56.9	55.4
155°	66.3	62.2	59.6	56.8	55.9	54.9	54.1	53.3	52.3	50.9	49.4
157.5°	57.5	54.6	52.4	50.1	49.3	48.4	47.5	46.8	45.9	44.8	43.4
160°	48.9	47.1	45.2	43.3	42.6	41.8	41.0	40.3	39.5	38.7	37.5
162.5°	40.9	39.4	37.8	36.1	35.6	35.1	34.4	33.8	33.1	32.3	31.5
165°	33.0	31.7	30.3	28.9	28.6	28.2	27.8	27.3	26.7	26.0	25.3
167.5°	26.1	25.0	23.9	22.7	22.3	21.9	21.4	20.9	20.3	19.8	19.2
170°	19.2	18.3	17.4	16.4	16.0	15.6	15.2	14.7	14.2	13.8	13.3
172.5°	12.7	12.0	11.3	10.6	10.5	10.3	10.1	9.8	9.6	9.3	9.0
175°	6.3	5.8	5.3	4.8	4.8	4.8	4.8	4.7	4.7	4.6	4.6
177.5°	3.1	2.9	2.7	2.4	2.4	2.4	2.4	2.4	2.3	2.3	2.3
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232036

CATALOG NUMBER: FVS4WM-3-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	2.3	2.2	2.2	2.1	2.1	2.0	2.0	1.9	1.8	1.8	1.7
5°	4.5	4.4	4.4	4.3	4.2	4.0	3.8	3.6	3.5	3.3	3.1
7.5°	8.7	8.4	8.0	7.6	7.2	6.8	6.3	5.8	5.3	4.9	4.4
10°	12.9	12.5	12.0	11.5	11.0	10.5	10.0	9.5	9.0	8.5	7.9
12.5°	18.5	17.8	17.1	16.5	15.8	15.0	14.2	13.5	12.6	11.8	11.0
15°	24.6	23.8	22.9	22.1	21.2	20.0	18.9	17.7	16.4	15.2	14.0
17.5°	30.5	29.5	28.5	27.2	25.8	24.4	22.9	21.7	20.3	19.0	17.5
20°	36.2	35.0	33.7	32.4	30.9	29.3	27.7	26.1	24.5	22.8	21.3
22.5°	41.9	40.6	39.3	37.8	36.0	34.2	32.4	30.7	28.9	27.1	25.1
25°	47.8	46.2	44.6	43.0	41.2	39.2	37.3	35.4	33.2	31.0	28.7
27.5°	53.6	51.8	50.2	48.6	46.5	44.3	42.1	39.7	37.2	34.9	32.6
30°	59.5	57.7	55.8	53.7	51.4	49.1	46.6	44.1	41.5	39.0	36.3
32.5°	65.1	63.2	61.1	58.8	56.4	53.9	51.2	48.3	45.5	42.7	39.8
35°	70.2	68.1	65.9	63.6	61.0	58.4	55.3	52.3	49.4	46.5	43.4
37.5°	75.3	73.1	70.8	68.0	65.2	62.4	59.4	56.4	53.4	50.4	47.0
40°	80.4	77.8	75.2	72.4	69.6	66.8	63.4	60.2	57.2	53.8	50.1
42.5°	85.1	82.3	79.9	77.1	73.9	70.6	67.2	64.2	60.7	57.1	53.3
45°	89.1	86.5	84.2	81.1	77.9	74.6	71.1	67.6	64.0	60.2	56.3
47.5°	93.2	90.8	88.1	84.9	81.6	78.0	74.3	70.8	67.2	63.3	59.0
50°	97.4	94.7	91.7	88.4	85.1	81.2	77.5	73.8	69.8	65.7	61.5
52.5°	101.3	98.3	95.2	91.5	87.9	84.2	80.4	76.3	72.3	68.3	64.0
55°	104.6	101.6	98.4	94.5	91.1	87.3	83.1	78.7	75.0	70.7	66.2
57.5°	107.9	104.8	101.4	97.6	94.2	90.1	85.7	81.5	77.6	72.5	67.9
60°	110.9	107.7	104.0	100.3	96.7	92.7	88.6	83.7	79.1	74.4	69.8
62.5°	113.6	110.6	106.7	102.8	98.8	94.7	90.4	85.4	81.2	76.1	71.4
65°	116.1	112.9	109.0	105.0	100.9	96.7	92.1	87.4	82.9	77.7	73.0
67.5°	118.4	115.2	111.3	107.4	103.2	98.4	94.0	89.3	84.4	79.3	74.1
70°	120.6	117.2	113.0	108.7	104.6	99.9	95.8	90.9	85.9	80.7	75.5
72.5°	122.3	118.8	114.5	110.2	105.9	101.3	97.0	92.0	87.0	81.7	76.7
75°	123.6	119.9	115.8	111.4	107.0	102.6	98.0	93.0	87.8	82.3	77.1
77.5°	124.6	120.7	116.9	112.3	108.2	103.8	98.9	93.5	88.2	82.8	77.4
80°	125.3	121.5	117.6	113.0	108.9	104.3	99.0	93.7	88.8	83.2	77.9
82.5°	126.1	121.9	118.1	113.4	109.4	104.7	99.1	94.1	89.3	83.7	78.0
85°	127.0	122.3	118.4	113.6	109.7	105.0	99.2	94.4	89.5	83.8	78.0
87.5°	127.0	122.2	118.3	114.0	109.8	105.0	99.6	94.4	89.6	83.8	78.0
90°	127.0	122.2	118.3	114.5	109.7	104.9	100.1	94.3	89.5	83.7	77.9
92.5°	127.0	122.2	118.3	114.0	109.8	105.0	99.6	94.4	89.6	83.8	78.0
95°	127.0	122.3	118.4	113.6	109.7	105.0	99.2	94.4	89.5	83.8	78.0
97.5°	126.1	121.9	118.1	113.4	109.4	104.7	99.1	94.1	89.3	83.7	78.0
100°	125.3	121.5	117.6	113.0	108.9	104.3	99.0	93.7	88.8	83.2	77.9
102.5°	124.6	120.7	116.9	112.3	108.2	103.8	98.9	93.5	88.2	82.8	77.4
105°	123.6	119.9	115.8	111.4	107.0	102.6	98.0	93.0	87.8	82.3	77.1
107.5°	122.3	118.8	114.5	110.2	105.9	101.3	97.0	92.0	87.0	81.7	76.7
110°	120.6	117.2	113.0	108.7	104.6	99.9	95.8	90.9	85.9	80.7	75.5



TEST NUMBER: P232036

CATALOG NUMBER: FVS4WM-3-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°	118.4	115.2	111.3	107.4	103.2	98.4	94.0	89.3	84.4	79.3	74.1
115°	116.1	112.9	109.0	105.0	100.9	96.7	92.1	87.4	82.9	77.7	73.0
117.5°	113.6	110.6	106.7	102.8	98.8	94.7	90.4	85.4	81.2	76.1	71.4
120°	110.9	107.7	104.0	100.3	96.7	92.7	88.6	83.7	79.1	74.4	69.8
122.5°	107.9	104.8	101.4	97.6	94.2	90.1	85.7	81.5	77.6	72.5	67.9
125°	104.6	101.6	98.4	94.5	91.1	87.3	83.1	78.7	75.0	70.7	66.2
127.5°	101.3	98.3	95.2	91.5	87.9	84.2	80.4	76.3	72.3	68.3	64.0
130°	97.4	94.7	91.7	88.4	85.1	81.2	77.5	73.8	69.8	65.7	61.5
132.5°	93.2	90.8	88.1	84.9	81.6	78.0	74.3	70.8	67.2	63.3	59.0
135°	89.1	86.5	84.2	81.1	77.9	74.6	71.1	67.6	64.0	60.2	56.3
137.5°	85.1	82.3	79.9	77.1	73.9	70.6	67.2	64.2	60.7	57.1	53.3
140°	80.4	77.8	75.2	72.4	69.6	66.8	63.4	60.2	57.2	53.8	50.1
142.5°	75.3	73.1	70.8	68.0	65.2	62.4	59.4	56.4	53.4	50.4	47.0
145°	70.2	68.1	65.9	63.6	61.0	58.4	55.3	52.3	49.4	46.5	43.4
147.5°	65.1	63.2	61.1	58.8	56.4	53.9	51.2	48.3	45.5	42.7	39.8
150°	59.5	57.7	55.8	53.7	51.4	49.1	46.6	44.1	41.5	39.0	36.3
152.5°	53.6	51.8	50.2	48.6	46.5	44.3	42.1	39.7	37.2	34.9	32.6
155°	47.8	46.2	44.6	43.0	41.2	39.2	37.3	35.4	33.2	31.0	28.7
157.5°	41.9	40.6	39.3	37.8	36.0	34.2	32.4	30.7	28.9	27.1	25.1
160°	36.2	35.0	33.7	32.4	30.9	29.3	27.7	26.1	24.5	22.8	21.3
162.5°	30.5	29.5	28.5	27.2	25.8	24.4	22.9	21.7	20.3	19.0	17.5
165°	24.6	23.8	22.9	22.1	21.2	20.0	18.9	17.7	16.4	15.2	14.0
167.5°	18.5	17.8	17.1	16.5	15.8	15.0	14.2	13.5	12.6	11.8	11.0
170°	12.9	12.5	12.0	11.5	11.0	10.5	10.0	9.5	9.0	8.5	7.9
172.5°	8.7	8.4	8.0	7.6	7.2	6.8	6.3	5.8	5.3	4.9	4.4
175°	4.5	4.4	4.4	4.3	4.2	4.0	3.8	3.6	3.5	3.3	3.1
177.5°	2.3	2.2	2.2	2.1	2.1	2.0	2.0	1.9	1.8	1.8	1.7
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232036

CATALOG NUMBER: FVS4WM-3-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	1.6	1.5	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.8	0.7
5°	2.9	2.7	2.6	2.4	2.2	2.0	1.9	1.7	1.5	1.3	1.2
7.5°	3.8	3.7	3.5	3.3	3.1	2.9	2.6	2.4	2.2	2.0	1.7
10°	7.3	6.6	5.9	5.3	4.6	3.8	3.5	3.2	2.9	2.6	2.3
12.5°	10.2	9.3	8.5	7.6	6.7	5.8	4.9	3.9	3.1	2.8	2.4
15°	12.7	11.5	10.5	9.4	8.4	7.4	6.4	5.4	4.4	3.3	2.7
17.5°	16.1	14.8	13.4	12.0	10.8	9.7	8.4	7.0	5.7	4.3	3.0
20°	19.7	18.1	16.5	14.8	13.1	11.4	9.7	8.2	6.8	5.3	3.9
22.5°	23.1	21.2	19.3	17.4	15.5	13.5	11.4	9.4	7.9	6.4	4.9
25°	26.7	24.5	22.3	20.0	17.9	15.7	13.4	11.1	8.9	7.4	6.0
27.5°	30.3	27.8	25.3	22.8	20.4	18.0	15.7	13.4	11.0	8.4	6.8
30°	33.5	30.6	28.1	25.6	23.1	20.1	17.2	14.5	12.0	9.5	7.1
32.5°	36.9	34.1	31.2	28.0	25.0	21.9	18.8	15.7	13.2	10.6	7.9
35°	40.1	37.0	33.8	30.5	27.1	23.8	20.8	17.7	14.6	11.7	9.0
37.5°	43.4	39.9	36.5	33.0	29.6	26.3	23.0	19.5	16.2	13.1	10.1
40°	46.5	43.1	39.4	35.6	32.0	28.3	24.6	20.8	17.2	13.5	10.3
42.5°	49.7	45.8	41.8	37.8	34.0	30.1	26.0	22.0	18.2	14.6	11.1
45°	52.3	48.2	44.0	39.8	35.9	31.7	27.5	23.4	19.3	15.3	11.4
47.5°	54.8	50.7	46.5	42.3	38.0	33.5	29.2	25.0	20.6	16.1	12.2
50°	57.4	53.0	48.7	44.0	39.4	35.0	30.5	26.0	21.4	16.8	12.6
52.5°	59.6	54.8	50.1	45.4	41.0	36.4	31.7	26.9	21.9	17.2	12.9
55°	61.5	56.7	51.9	47.5	42.6	37.9	32.8	27.7	22.5	17.5	13.3
57.5°	63.3	58.7	53.8	49.0	44.0	38.8	33.5	28.1	23.0	18.2	13.5
60°	65.2	60.0	55.2	50.5	45.2	39.9	34.4	28.7	23.4	18.6	13.8
62.5°	66.5	61.3	56.6	51.4	46.3	40.6	34.7	29.1	23.6	18.4	14.1
65°	67.9	62.6	57.4	52.1	47.2	41.3	35.3	29.6	23.7	18.4	13.9
67.5°	68.9	63.7	58.2	52.9	47.6	42.3	36.3	29.7	23.8	18.5	14.0
70°	70.0	64.8	59.4	53.8	47.9	42.5	36.5	30.0	23.7	18.1	13.4
72.5°	70.9	65.6	60.0	54.4	48.7	43.0	36.6	29.9	23.8	18.3	13.6
75°	71.4	66.2	60.3	55.2	48.6	43.5	37.3	30.3	23.7	18.0	12.6
77.5°	72.0	66.6	60.8	54.9	48.7	43.2	37.1	30.8	23.6	17.4	12.3
80°	72.5	66.7	60.9	54.9	49.0	43.0	37.1	30.9	24.0	17.4	11.6
82.5°	72.2	66.5	60.7	54.9	48.9	42.7	36.6	30.8	24.6	17.6	11.8
85°	72.3	66.5	60.6	54.6	48.2	42.3	36.4	30.1	24.3	18.1	11.3
87.5°	72.3	66.6	60.8	54.1	48.3	42.5	36.8	30.0	23.4	17.6	11.9
90°	72.2	66.4	60.6	53.9	48.1	42.3	35.6	28.9	23.1	17.3	10.6
92.5°	72.3	66.6	60.8	54.1	48.3	42.5	36.8	30.0	23.4	17.6	11.9
95°	72.3	66.5	60.6	54.6	48.2	42.3	36.4	30.1	24.3	18.1	11.3
97.5°	72.2	66.5	60.7	54.9	48.9	42.7	36.6	30.8	24.6	17.6	11.8
100°	72.5	66.7	60.9	54.9	49.0	43.0	37.1	30.9	24.0	17.4	11.6
102.5°	72.0	66.6	60.8	54.9	48.7	43.2	37.1	30.8	23.6	17.4	12.3
105°	71.4	66.2	60.3	55.2	48.6	43.5	37.3	30.3	23.7	18.0	12.6
107.5°	70.9	65.6	60.0	54.4	48.7	43.0	36.6	29.9	23.8	18.3	13.6
110°	70.0	64.8	59.4	53.8	47.9	42.5	36.5	30.0	23.7	18.1	13.4



TEST NUMBER: P232036

CATALOG NUMBER: FVS4WM-3-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°	68.9	63.7	58.2	52.9	47.6	42.3	36.3	29.7	23.8	18.5	14.0
115°	67.9	62.6	57.4	52.1	47.2	41.3	35.3	29.6	23.7	18.4	13.9
117.5°	66.5	61.3	56.6	51.4	46.3	40.6	34.7	29.1	23.6	18.4	14.1
120°	65.2	60.0	55.2	50.5	45.2	39.9	34.4	28.7	23.4	18.6	13.8
122.5°	63.3	58.7	53.8	49.0	44.0	38.8	33.5	28.1	23.0	18.2	13.5
125°	61.5	56.7	51.9	47.5	42.6	37.9	32.8	27.7	22.5	17.5	13.3
127.5°	59.6	54.8	50.1	45.4	41.0	36.4	31.7	26.9	21.9	17.2	12.9
130°	57.4	53.0	48.7	44.0	39.4	35.0	30.5	26.0	21.4	16.8	12.6
132.5°	54.8	50.7	46.5	42.3	38.0	33.5	29.2	25.0	20.6	16.1	12.2
135°	52.3	48.2	44.0	39.8	35.9	31.7	27.5	23.4	19.3	15.3	11.4
137.5°	49.7	45.8	41.8	37.8	34.0	30.1	26.0	22.0	18.2	14.6	11.1
140°	46.5	43.1	39.4	35.6	32.0	28.3	24.6	20.8	17.2	13.5	10.3
142.5°	43.4	39.9	36.5	33.0	29.6	26.3	23.0	19.5	16.2	13.1	10.1
145°	40.1	37.0	33.8	30.5	27.1	23.8	20.8	17.7	14.6	11.7	9.0
147.5°	36.9	34.1	31.2	28.0	25.0	21.9	18.8	15.7	13.2	10.6	7.9
150°	33.5	30.6	28.1	25.6	23.1	20.1	17.2	14.5	12.0	9.5	7.1
152.5°	30.3	27.8	25.3	22.8	20.4	18.0	15.7	13.4	11.0	8.4	6.8
155°	26.7	24.5	22.3	20.0	17.9	15.7	13.4	11.1	8.9	7.4	6.0
157.5°	23.1	21.2	19.3	17.4	15.5	13.5	11.4	9.4	7.9	6.4	4.9
160°	19.7	18.1	16.5	14.8	13.1	11.4	9.7	8.2	6.8	5.3	3.9
162.5°	16.1	14.8	13.4	12.0	10.8	9.7	8.4	7.0	5.7	4.3	3.0
165°	12.7	11.5	10.5	9.4	8.4	7.4	6.4	5.4	4.4	3.3	2.7
167.5°	10.2	9.3	8.5	7.6	6.7	5.8	4.9	3.9	3.1	2.8	2.4
170°	7.3	6.6	5.9	5.3	4.6	3.8	3.5	3.2	2.9	2.6	2.3
172.5°	3.8	3.7	3.5	3.3	3.1	2.9	2.6	2.4	2.2	2.0	1.7
175°	2.9	2.7	2.6	2.4	2.2	2.0	1.9	1.7	1.5	1.3	1.2
177.5°	1.6	1.5	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.8	0.7
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232036

CATALOG NUMBER: FVS4WM-3-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	0.6	0.5	0.4	0.3	0.2	0.1	0.0	0.1	0.2	0.3	0.4
5°	1.0	0.8	0.7	0.5	0.3	0.2	0.0	0.2	0.3	0.5	0.7
7.5°	1.5	1.2	1.0	0.7	0.5	0.3	0.0	0.3	0.5	0.7	1.0
10°	2.0	1.7	1.3	1.0	0.7	0.3	0.0	0.3	0.7	1.0	1.3
12.5°	2.0	1.7	1.3	1.0	0.6	0.3	0.0	0.3	0.6	1.0	1.3
15°	2.3	1.9	1.5	1.2	0.8	0.4	0.0	0.4	0.8	1.2	1.5
17.5°	2.0	1.6	1.3	0.9	0.6	0.3	0.0	0.3	0.6	0.9	1.3
20°	2.5	1.7	1.4	1.0	0.7	0.3	0.0	0.3	0.7	1.0	1.4
22.5°	3.5	2.1	1.6	1.2	0.8	0.4	0.0	0.4	0.8	1.2	1.6
25°	4.5	2.9	1.8	1.3	0.9	0.4	0.0	0.4	0.9	1.3	1.8
27.5°	5.0	3.2	1.4	0.8	0.5	0.3	0.0	0.3	0.5	0.8	1.4
30°	5.3	3.6	1.9	0.9	0.6	0.3	0.0	0.3	0.6	0.9	1.9
32.5°	5.6	3.9	2.3	1.0	0.6	0.3	0.0	0.3	0.6	1.0	2.3
35°	6.2	4.5	2.9	1.2	0.7	0.3	0.0	0.3	0.7	1.2	2.9
37.5°	7.2	4.7	3.1	1.6	0.8	0.4	0.0	0.4	0.8	1.6	3.1
40°	7.5	4.6	3.0	1.7	0.8	0.4	0.0	0.4	0.8	1.7	3.0
42.5°	7.9	4.9	2.6	1.2	0.1	0.0	0.0	0.0	0.1	1.2	2.6
45°	7.9	5.3	2.8	1.4	0.0	0.0	0.0	0.0	0.0	1.4	2.8
47.5°	8.5	5.6	3.0	1.3	0.2	0.0	0.0	0.0	0.2	1.3	3.0
50°	9.1	5.9	3.3	1.5	0.4	0.0	0.0	0.0	0.4	1.5	3.3
52.5°	9.3	5.9	3.2	1.1	0.3	0.0	0.0	0.0	0.3	1.1	3.2
55°	9.2	5.6	2.8	1.2	0.4	0.0	0.0	0.0	0.4	1.2	2.8
57.5°	9.2	5.6	2.6	1.4	0.6	0.0	0.0	0.0	0.6	1.4	2.6
60°	9.5	6.0	3.0	1.2	0.1	0.0	0.0	0.0	0.1	1.2	3.0
62.5°	9.7	5.8	2.9	1.1	0.0	0.0	0.0	0.0	0.0	1.1	2.9
65°	9.6	5.9	2.8	1.2	0.1	0.0	0.0	0.0	0.1	1.2	2.8
67.5°	9.6	5.8	2.8	1.2	0.4	0.0	1.0	0.0	0.4	1.2	2.8
70°	9.5	5.9	3.0	1.0	0.2	0.0	1.0	0.0	0.2	1.0	3.0
72.5°	8.9	5.3	2.7	1.1	0.0	0.4	1.0	0.4	0.0	1.1	2.7
75°	8.6	5.0	2.7	0.9	0.0	0.2	1.0	0.2	0.0	0.9	2.7
77.5°	8.5	4.8	2.3	0.8	0.0	0.0	0.0	0.0	0.0	0.8	2.3
80°	7.6	4.1	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2
82.5°	6.8	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	5.8	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	6.3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	6.3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	5.8	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	6.8	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	7.6	4.1	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2
102.5°	8.5	4.8	2.3	0.8	0.0	0.0	0.0	0.0	0.0	0.8	2.3
105°	8.6	5.0	2.7	0.9	0.0	0.2	1.0	0.2	0.0	0.9	2.7
107.5°	8.9	5.3	2.7	1.1	0.0	0.4	1.0	0.4	0.0	1.1	2.7
110°	9.5	5.9	3.0	1.0	0.2	0.0	1.0	0.0	0.2	1.0	3.0



TEST NUMBER: P232036

CATALOG NUMBER: FVS4WM-3-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°	9.6	5.8	2.8	1.2	0.4	0.0	1.0	0.0	0.4	1.2	2.8
115°	9.6	5.9	2.8	1.2	0.1	0.0	0.0	0.0	0.1	1.2	2.8
117.5°	9.7	5.8	2.9	1.1	0.0	0.0	0.0	0.0	0.0	1.1	2.9
120°	9.5	6.0	3.0	1.2	0.1	0.0	0.0	0.0	0.1	1.2	3.0
122.5°	9.2	5.6	2.6	1.4	0.6	0.0	0.0	0.0	0.6	1.4	2.6
125°	9.2	5.6	2.8	1.2	0.4	0.0	0.0	0.0	0.4	1.2	2.8
127.5°	9.3	5.9	3.2	1.1	0.3	0.0	0.0	0.0	0.3	1.1	3.2
130°	9.1	5.9	3.3	1.5	0.4	0.0	0.0	0.0	0.4	1.5	3.3
132.5°	8.5	5.6	3.0	1.3	0.2	0.0	0.0	0.0	0.2	1.3	3.0
135°	7.9	5.3	2.8	1.4	0.0	0.0	0.0	0.0	0.0	1.4	2.8
137.5°	7.9	4.9	2.6	1.2	0.1	0.0	0.0	0.0	0.1	1.2	2.6
140°	7.5	4.6	3.0	1.7	0.8	0.4	0.0	0.4	0.8	1.7	3.0
142.5°	7.2	4.7	3.1	1.6	0.8	0.4	0.0	0.4	0.8	1.6	3.1
145°	6.2	4.5	2.9	1.2	0.7	0.3	0.0	0.3	0.7	1.2	2.9
147.5°	5.6	3.9	2.3	1.0	0.6	0.3	0.0	0.3	0.6	1.0	2.3
150°	5.3	3.6	1.9	0.9	0.6	0.3	0.0	0.3	0.6	0.9	1.9
152.5°	5.0	3.2	1.4	0.8	0.5	0.3	0.0	0.3	0.5	0.8	1.4
155°	4.5	2.9	1.8	1.3	0.9	0.4	0.0	0.4	0.9	1.3	1.8
157.5°	3.5	2.1	1.6	1.2	0.8	0.4	0.0	0.4	0.8	1.2	1.6
160°	2.5	1.7	1.4	1.0	0.7	0.3	0.0	0.3	0.7	1.0	1.4
162.5°	2.0	1.6	1.3	0.9	0.6	0.3	0.0	0.3	0.6	0.9	1.3
165°	2.3	1.9	1.5	1.2	0.8	0.4	0.0	0.4	0.8	1.2	1.5
167.5°	2.0	1.7	1.3	1.0	0.6	0.3	0.0	0.3	0.6	1.0	1.3
170°	2.0	1.7	1.3	1.0	0.7	0.3	0.0	0.3	0.7	1.0	1.3
172.5°	1.5	1.2	1.0	0.7	0.5	0.3	0.0	0.3	0.5	0.7	1.0
175°	1.0	0.8	0.7	0.5	0.3	0.2	0.0	0.2	0.3	0.5	0.7
177.5°	0.6	0.5	0.4	0.3	0.2	0.1	0.0	0.1	0.2	0.3	0.4
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232036

CATALOG NUMBER: FVS4WM-3-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5
5°	0.8	1.0	1.2	1.3	1.5	1.7	1.9	2.0	2.2	2.4	2.6
7.5°	1.2	1.5	1.7	2.0	2.2	2.4	2.6	2.9	3.1	3.3	3.5
10°	1.7	2.0	2.3	2.6	2.9	3.2	3.5	3.8	4.6	5.3	5.9
12.5°	1.7	2.0	2.4	2.8	3.1	3.9	4.9	5.8	6.7	7.6	8.5
15°	1.9	2.3	2.7	3.3	4.4	5.4	6.4	7.4	8.4	9.4	10.5
17.5°	1.6	2.0	3.0	4.3	5.7	7.0	8.4	9.7	10.8	12.0	13.4
20°	1.7	2.5	3.9	5.3	6.8	8.2	9.7	11.4	13.1	14.8	16.5
22.5°	2.1	3.5	4.9	6.4	7.9	9.4	11.4	13.5	15.5	17.4	19.3
25°	2.9	4.5	6.0	7.4	8.9	11.1	13.4	15.7	17.9	20.0	22.3
27.5°	3.2	5.0	6.8	8.4	11.0	13.4	15.7	18.0	20.4	22.8	25.3
30°	3.6	5.3	7.1	9.5	12.0	14.5	17.2	20.1	23.1	25.6	28.1
32.5°	3.9	5.6	7.9	10.6	13.2	15.7	18.8	21.9	25.0	28.0	31.2
35°	4.5	6.2	9.0	11.7	14.6	17.7	20.8	23.8	27.1	30.5	33.8
37.5°	4.7	7.2	10.1	13.1	16.2	19.5	23.0	26.3	29.6	33.0	36.5
40°	4.6	7.5	10.3	13.5	17.2	20.8	24.6	28.3	32.0	35.6	39.4
42.5°	4.9	7.9	11.1	14.6	18.2	22.0	26.0	30.1	34.0	37.8	41.8
45°	5.3	7.9	11.4	15.3	19.3	23.4	27.5	31.7	35.9	39.8	44.0
47.5°	5.6	8.5	12.2	16.1	20.6	25.0	29.2	33.5	38.0	42.3	46.5
50°	5.9	9.1	12.6	16.8	21.4	26.0	30.5	35.0	39.4	44.0	48.7
52.5°	5.9	9.3	12.9	17.2	21.9	26.9	31.7	36.4	41.0	45.4	50.1
55°	5.6	9.2	13.3	17.5	22.5	27.7	32.8	37.9	42.6	47.5	51.9
57.5°	5.6	9.2	13.5	18.2	23.0	28.1	33.5	38.8	44.0	49.0	53.8
60°	6.0	9.5	13.8	18.6	23.4	28.7	34.4	39.9	45.2	50.5	55.2
62.5°	5.8	9.7	14.1	18.4	23.6	29.1	34.7	40.6	46.3	51.4	56.6
65°	5.9	9.6	13.9	18.4	23.7	29.6	35.3	41.3	47.2	52.1	57.4
67.5°	5.8	9.6	14.0	18.5	23.8	29.7	36.3	42.3	47.6	52.9	58.2
70°	5.9	9.5	13.4	18.1	23.7	30.0	36.5	42.5	47.9	53.8	59.4
72.5°	5.3	8.9	13.6	18.3	23.8	29.9	36.6	43.0	48.7	54.4	60.0
75°	5.0	8.6	12.6	18.0	23.7	30.3	37.3	43.5	48.6	55.2	60.3
77.5°	4.8	8.5	12.3	17.4	23.6	30.8	37.1	43.2	48.7	54.9	60.8
80°	4.1	7.6	11.6	17.4	24.0	30.9	37.1	43.0	49.0	54.9	60.9
82.5°	2.4	6.8	11.8	17.6	24.6	30.8	36.6	42.7	48.9	54.9	60.7
85°	1.4	5.8	11.3	18.1	24.3	30.1	36.4	42.3	48.2	54.6	60.6
87.5°	0.5	6.3	11.9	17.6	23.4	30.0	36.8	42.5	48.3	54.1	60.8
90°	0.0	5.8	10.6	17.3	23.1	28.9	35.6	42.3	48.1	53.9	60.6
92.5°	0.5	6.3	11.9	17.6	23.4	30.0	36.8	42.5	48.3	54.1	60.8
95°	1.4	5.8	11.3	18.1	24.3	30.1	36.4	42.3	48.2	54.6	60.6
97.5°	2.4	6.8	11.8	17.6	24.6	30.8	36.6	42.7	48.9	54.9	60.7
100°	4.1	7.6	11.6	17.4	24.0	30.9	37.1	43.0	49.0	54.9	60.9
102.5°	4.8	8.5	12.3	17.4	23.6	30.8	37.1	43.2	48.7	54.9	60.8
105°	5.0	8.6	12.6	18.0	23.7	30.3	37.3	43.5	48.6	55.2	60.3
107.5°	5.3	8.9	13.6	18.3	23.8	29.9	36.6	43.0	48.7	54.4	60.0
110°	5.9	9.5	13.4	18.1	23.7	30.0	36.5	42.5	47.9	53.8	59.4



TEST NUMBER: P232036

CATALOG NUMBER: FVS4WM-3-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°	5.8	9.6	14.0	18.5	23.8	29.7	36.3	42.3	47.6	52.9	58.2
115°	5.9	9.6	13.9	18.4	23.7	29.6	35.3	41.3	47.2	52.1	57.4
117.5°	5.8	9.7	14.1	18.4	23.6	29.1	34.7	40.6	46.3	51.4	56.6
120°	6.0	9.5	13.8	18.6	23.4	28.7	34.4	39.9	45.2	50.5	55.2
122.5°	5.6	9.2	13.5	18.2	23.0	28.1	33.5	38.8	44.0	49.0	53.8
125°	5.6	9.2	13.3	17.5	22.5	27.7	32.8	37.9	42.6	47.5	51.9
127.5°	5.9	9.3	12.9	17.2	21.9	26.9	31.7	36.4	41.0	45.4	50.1
130°	5.9	9.1	12.6	16.8	21.4	26.0	30.5	35.0	39.4	44.0	48.7
132.5°	5.6	8.5	12.2	16.1	20.6	25.0	29.2	33.5	38.0	42.3	46.5
135°	5.3	7.9	11.4	15.3	19.3	23.4	27.5	31.7	35.9	39.8	44.0
137.5°	4.9	7.9	11.1	14.6	18.2	22.0	26.0	30.1	34.0	37.8	41.8
140°	4.6	7.5	10.3	13.5	17.2	20.8	24.6	28.3	32.0	35.6	39.4
142.5°	4.7	7.2	10.1	13.1	16.2	19.5	23.0	26.3	29.6	33.0	36.5
145°	4.5	6.2	9.0	11.7	14.6	17.7	20.8	23.8	27.1	30.5	33.8
147.5°	3.9	5.6	7.9	10.6	13.2	15.7	18.8	21.9	25.0	28.0	31.2
150°	3.6	5.3	7.1	9.5	12.0	14.5	17.2	20.1	23.1	25.6	28.1
152.5°	3.2	5.0	6.8	8.4	11.0	13.4	15.7	18.0	20.4	22.8	25.3
155°	2.9	4.5	6.0	7.4	8.9	11.1	13.4	15.7	17.9	20.0	22.3
157.5°	2.1	3.5	4.9	6.4	7.9	9.4	11.4	13.5	15.5	17.4	19.3
160°	1.7	2.5	3.9	5.3	6.8	8.2	9.7	11.4	13.1	14.8	16.5
162.5°	1.6	2.0	3.0	4.3	5.7	7.0	8.4	9.7	10.8	12.0	13.4
165°	1.9	2.3	2.7	3.3	4.4	5.4	6.4	7.4	8.4	9.4	10.5
167.5°	1.7	2.0	2.4	2.8	3.1	3.9	4.9	5.8	6.7	7.6	8.5
170°	1.7	2.0	2.3	2.6	2.9	3.2	3.5	3.8	4.6	5.3	5.9
172.5°	1.2	1.5	1.7	2.0	2.2	2.4	2.6	2.9	3.1	3.3	3.5
175°	0.8	1.0	1.2	1.3	1.5	1.7	1.9	2.0	2.2	2.4	2.6
177.5°	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232036

CATALOG NUMBER: FVS4WM-3-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	1.5	1.6	1.7	1.8	1.8	1.9	2.0	2.0	2.1	2.1	2.2
5°	2.7	2.9	3.1	3.3	3.5	3.6	3.8	4.0	4.2	4.3	4.4
7.5°	3.7	3.8	4.4	4.9	5.3	5.8	6.3	6.8	7.2	7.6	8.0
10°	6.6	7.3	7.9	8.5	9.0	9.5	10.0	10.5	11.0	11.5	12.0
12.5°	9.3	10.2	11.0	11.8	12.6	13.5	14.2	15.0	15.8	16.5	17.1
15°	11.5	12.7	14.0	15.2	16.4	17.7	18.9	20.0	21.2	22.1	22.9
17.5°	14.8	16.1	17.5	19.0	20.3	21.7	22.9	24.4	25.8	27.2	28.5
20°	18.1	19.7	21.3	22.8	24.5	26.1	27.7	29.3	30.9	32.4	33.7
22.5°	21.2	23.1	25.1	27.1	28.9	30.7	32.4	34.2	36.0	37.8	39.3
25°	24.5	26.7	28.7	31.0	33.2	35.4	37.3	39.2	41.2	43.0	44.6
27.5°	27.8	30.3	32.6	34.9	37.2	39.7	42.1	44.3	46.5	48.6	50.2
30°	30.6	33.5	36.3	39.0	41.5	44.1	46.6	49.1	51.4	53.7	55.8
32.5°	34.1	36.9	39.8	42.7	45.5	48.3	51.2	53.9	56.4	58.8	61.1
35°	37.0	40.1	43.4	46.5	49.4	52.3	55.3	58.4	61.0	63.6	65.9
37.5°	39.9	43.4	47.0	50.4	53.4	56.4	59.4	62.4	65.2	68.0	70.8
40°	43.1	46.5	50.1	53.8	57.2	60.2	63.4	66.8	69.6	72.4	75.2
42.5°	45.8	49.7	53.3	57.1	60.7	64.2	67.2	70.6	73.9	77.1	79.9
45°	48.2	52.3	56.3	60.2	64.0	67.6	71.1	74.6	77.9	81.1	84.2
47.5°	50.7	54.8	59.0	63.3	67.2	70.8	74.3	78.0	81.6	84.9	88.1
50°	53.0	57.4	61.5	65.7	69.8	73.8	77.5	81.2	85.1	88.4	91.7
52.5°	54.8	59.6	64.0	68.3	72.3	76.3	80.4	84.2	87.9	91.5	95.2
55°	56.7	61.5	66.2	70.7	75.0	78.7	83.1	87.3	91.1	94.5	98.4
57.5°	58.7	63.3	67.9	72.5	77.6	81.5	85.7	90.1	94.2	97.6	101.4
60°	60.0	65.2	69.8	74.4	79.1	83.7	88.6	92.7	96.7	100.3	104.0
62.5°	61.3	66.5	71.4	76.1	81.2	85.4	90.4	94.7	98.8	102.8	106.7
65°	62.6	67.9	73.0	77.7	82.9	87.4	92.1	96.7	100.9	105.0	109.0
67.5°	63.7	68.9	74.1	79.3	84.4	89.3	94.0	98.4	103.2	107.4	111.3
70°	64.8	70.0	75.5	80.7	85.9	90.9	95.8	99.9	104.6	108.7	113.0
72.5°	65.6	70.9	76.7	81.7	87.0	92.0	97.0	101.3	105.9	110.2	114.5
75°	66.2	71.4	77.1	82.3	87.8	93.0	98.0	102.6	107.0	111.4	115.8
77.5°	66.6	72.0	77.4	82.8	88.2	93.5	98.9	103.8	108.2	112.3	116.9
80°	66.7	72.5	77.9	83.2	88.8	93.7	99.0	104.3	108.9	113.0	117.6
82.5°	66.5	72.2	78.0	83.7	89.3	94.1	99.1	104.7	109.4	113.4	118.1
85°	66.5	72.3	78.0	83.8	89.5	94.4	99.2	105.0	109.7	113.6	118.4
87.5°	66.6	72.3	78.0	83.8	89.6	94.4	99.6	105.0	109.8	114.0	118.3
90°	66.4	72.2	77.9	83.7	89.5	94.3	100.1	104.9	109.7	114.5	118.3
92.5°	66.6	72.3	78.0	83.8	89.6	94.4	99.6	105.0	109.8	114.0	118.3
95°	66.5	72.3	78.0	83.8	89.5	94.4	99.2	105.0	109.7	113.6	118.4
97.5°	66.5	72.2	78.0	83.7	89.3	94.1	99.1	104.7	109.4	113.4	118.1
100°	66.7	72.5	77.9	83.2	88.8	93.7	99.0	104.3	108.9	113.0	117.6
102.5°	66.6	72.0	77.4	82.8	88.2	93.5	98.9	103.8	108.2	112.3	116.9
105°	66.2	71.4	77.1	82.3	87.8	93.0	98.0	102.6	107.0	111.4	115.8
107.5°	65.6	70.9	76.7	81.7	87.0	92.0	97.0	101.3	105.9	110.2	114.5
110°	64.8	70.0	75.5	80.7	85.9	90.9	95.8	99.9	104.6	108.7	113.0



TEST NUMBER: P232036

CATALOG NUMBER: FVS4WM-3-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°	63.7	68.9	74.1	79.3	84.4	89.3	94.0	98.4	103.2	107.4	111.3
115°	62.6	67.9	73.0	77.7	82.9	87.4	92.1	96.7	100.9	105.0	109.0
117.5°	61.3	66.5	71.4	76.1	81.2	85.4	90.4	94.7	98.8	102.8	106.7
120°	60.0	65.2	69.8	74.4	79.1	83.7	88.6	92.7	96.7	100.3	104.0
122.5°	58.7	63.3	67.9	72.5	77.6	81.5	85.7	90.1	94.2	97.6	101.4
125°	56.7	61.5	66.2	70.7	75.0	78.7	83.1	87.3	91.1	94.5	98.4
127.5°	54.8	59.6	64.0	68.3	72.3	76.3	80.4	84.2	87.9	91.5	95.2
130°	53.0	57.4	61.5	65.7	69.8	73.8	77.5	81.2	85.1	88.4	91.7
132.5°	50.7	54.8	59.0	63.3	67.2	70.8	74.3	78.0	81.6	84.9	88.1
135°	48.2	52.3	56.3	60.2	64.0	67.6	71.1	74.6	77.9	81.1	84.2
137.5°	45.8	49.7	53.3	57.1	60.7	64.2	67.2	70.6	73.9	77.1	79.9
140°	43.1	46.5	50.1	53.8	57.2	60.2	63.4	66.8	69.6	72.4	75.2
142.5°	39.9	43.4	47.0	50.4	53.4	56.4	59.4	62.4	65.2	68.0	70.8
145°	37.0	40.1	43.4	46.5	49.4	52.3	55.3	58.4	61.0	63.6	65.9
147.5°	34.1	36.9	39.8	42.7	45.5	48.3	51.2	53.9	56.4	58.8	61.1
150°	30.6	33.5	36.3	39.0	41.5	44.1	46.6	49.1	51.4	53.7	55.8
152.5°	27.8	30.3	32.6	34.9	37.2	39.7	42.1	44.3	46.5	48.6	50.2
155°	24.5	26.7	28.7	31.0	33.2	35.4	37.3	39.2	41.2	43.0	44.6
157.5°	21.2	23.1	25.1	27.1	28.9	30.7	32.4	34.2	36.0	37.8	39.3
160°	18.1	19.7	21.3	22.8	24.5	26.1	27.7	29.3	30.9	32.4	33.7
162.5°	14.8	16.1	17.5	19.0	20.3	21.7	22.9	24.4	25.8	27.2	28.5
165°	11.5	12.7	14.0	15.2	16.4	17.7	18.9	20.0	21.2	22.1	22.9
167.5°	9.3	10.2	11.0	11.8	12.6	13.5	14.2	15.0	15.8	16.5	17.1
170°	6.6	7.3	7.9	8.5	9.0	9.5	10.0	10.5	11.0	11.5	12.0
172.5°	3.7	3.8	4.4	4.9	5.3	5.8	6.3	6.8	7.2	7.6	8.0
175°	2.7	2.9	3.1	3.3	3.5	3.6	3.8	4.0	4.2	4.3	4.4
177.5°	1.5	1.6	1.7	1.8	1.8	1.9	2.0	2.0	2.1	2.1	2.2
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232036

CATALOG NUMBER: FVS4WM-3-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	2.2	2.3	2.3	2.3	2.3	2.4	2.4	2.4	2.4	2.4	2.7
5°	4.4	4.5	4.6	4.6	4.7	4.7	4.8	4.8	4.8	4.8	5.3
7.5°	8.4	8.7	9.0	9.3	9.6	9.8	10.1	10.3	10.5	10.6	11.3
10°	12.5	12.9	13.3	13.8	14.2	14.7	15.2	15.6	16.0	16.4	17.4
12.5°	17.8	18.5	19.2	19.8	20.3	20.9	21.4	21.9	22.3	22.7	23.9
15°	23.8	24.6	25.3	26.0	26.7	27.3	27.8	28.2	28.6	28.9	30.3
17.5°	29.5	30.5	31.5	32.3	33.1	33.8	34.4	35.1	35.6	36.1	37.8
20°	35.0	36.2	37.5	38.7	39.5	40.3	41.0	41.8	42.6	43.3	45.2
22.5°	40.6	41.9	43.4	44.8	45.9	46.8	47.5	48.4	49.3	50.1	52.4
25°	46.2	47.8	49.4	50.9	52.3	53.3	54.1	54.9	55.9	56.8	59.6
27.5°	51.8	53.6	55.4	56.9	58.3	59.5	60.5	61.5	62.5	63.5	66.6
30°	57.7	59.5	61.4	63.1	64.4	65.5	66.8	68.0	69.2	70.2	73.5
32.5°	63.2	65.1	67.0	68.7	70.2	71.5	72.8	74.2	75.4	76.5	79.8
35°	68.1	70.2	72.1	74.0	75.8	77.3	78.9	80.3	81.5	82.7	86.0
37.5°	73.1	75.3	77.4	79.3	81.2	82.9	84.4	85.9	87.3	88.5	92.2
40°	77.8	80.4	82.6	84.7	86.6	88.3	90.0	91.6	93.0	94.3	98.5
42.5°	82.3	85.1	87.6	89.8	91.7	93.5	95.2	96.7	98.2	99.6	104.1
45°	86.5	89.1	91.9	94.5	96.7	98.5	100.3	101.9	103.4	104.9	109.6
47.5°	90.8	93.2	96.1	98.9	101.3	103.2	104.9	106.6	108.2	109.7	114.6
50°	94.7	97.4	100.4	103.3	105.8	107.8	109.6	111.3	113.0	114.5	119.6
52.5°	98.3	101.3	104.2	107.0	109.7	111.9	113.5	115.1	116.9	118.8	124.1
55°	101.6	104.6	107.6	110.5	113.3	115.9	117.5	118.9	120.8	123.1	128.6
57.5°	104.8	107.9	111.0	113.9	116.8	119.3	121.1	122.6	124.6	127.0	132.6
60°	107.7	110.9	114.6	117.4	120.3	122.7	124.6	126.4	128.3	130.8	136.7
62.5°	110.6	113.6	117.3	120.4	123.2	125.7	127.7	129.3	131.6	134.2	139.7
65°	112.9	116.1	119.7	123.0	125.9	128.6	130.8	132.2	134.9	137.6	142.7
67.5°	115.2	118.4	121.9	125.3	128.1	130.8	133.0	135.0	137.3	140.0	145.7
70°	117.2	120.6	123.9	127.5	130.4	133.0	135.1	137.7	139.7	142.4	148.7
72.5°	118.8	122.3	125.6	129.0	132.2	134.9	136.9	139.6	141.5	144.3	151.2
75°	119.9	123.6	127.2	130.4	133.9	136.7	138.7	141.5	143.4	146.2	153.9
77.5°	120.7	124.6	128.3	131.6	134.9	137.7	140.1	142.4	144.4	147.7	154.4
80°	121.5	125.3	129.1	132.9	135.8	138.6	141.4	143.3	145.4	149.1	154.9
82.5°	121.9	126.1	129.6	133.4	136.3	139.5	141.9	144.3	146.3	149.6	155.8
85°	122.3	127.0	130.0	133.7	136.7	140.5	142.4	145.3	147.2	150.1	156.8
87.5°	122.2	127.0	130.4	134.2	137.1	140.5	142.9	145.3	147.2	150.6	156.8
90°	122.2	127.0	130.8	134.7	137.6	140.5	143.3	145.3	147.2	151.0	156.8
92.5°	122.2	127.0	130.4	134.2	137.1	140.5	142.9	145.3	147.2	150.6	156.8
95°	122.3	127.0	130.0	133.7	136.7	140.5	142.4	145.3	147.2	150.1	156.8
97.5°	121.9	126.1	129.6	133.4	136.3	139.5	141.9	144.3	146.3	149.6	155.8
100°	121.5	125.3	129.1	132.9	135.8	138.6	141.4	143.3	145.4	149.1	154.9
102.5°	120.7	124.6	128.3	131.6	134.9	137.7	140.1	142.4	144.4	147.7	154.4
105°	119.9	123.6	127.2	130.4	133.9	136.7	138.7	141.5	143.4	146.2	153.9
107.5°	118.8	122.3	125.6	129.0	132.2	134.9	136.9	139.6	141.5	144.3	151.2
110°	117.2	120.6	123.9	127.5	130.4	133.0	135.1	137.7	139.7	142.4	148.7



TEST NUMBER: P232036

CATALOG NUMBER: FVS4WM-3-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°	115.2	118.4	121.9	125.3	128.1	130.8	133.0	135.0	137.3	140.0	145.7
115°	112.9	116.1	119.7	123.0	125.9	128.6	130.8	132.2	134.9	137.6	142.7
117.5°	110.6	113.6	117.3	120.4	123.2	125.7	127.7	129.3	131.6	134.2	139.7
120°	107.7	110.9	114.6	117.4	120.3	122.7	124.6	126.4	128.3	130.8	136.7
122.5°	104.8	107.9	111.0	113.9	116.8	119.3	121.1	122.6	124.6	127.0	132.6
125°	101.6	104.6	107.6	110.5	113.3	115.9	117.5	118.9	120.8	123.1	128.6
127.5°	98.3	101.3	104.2	107.0	109.7	111.9	113.5	115.1	116.9	118.8	124.1
130°	94.7	97.4	100.4	103.3	105.8	107.8	109.6	111.3	113.0	114.5	119.6
132.5°	90.8	93.2	96.1	98.9	101.3	103.2	104.9	106.6	108.2	109.7	114.6
135°	86.5	89.1	91.9	94.5	96.7	98.5	100.3	101.9	103.4	104.9	109.6
137.5°	82.3	85.1	87.6	89.8	91.7	93.5	95.2	96.7	98.2	99.6	104.1
140°	77.8	80.4	82.6	84.7	86.6	88.3	90.0	91.6	93.0	94.3	98.5
142.5°	73.1	75.3	77.4	79.3	81.2	82.9	84.4	85.9	87.3	88.5	92.2
145°	68.1	70.2	72.1	74.0	75.8	77.3	78.9	80.3	81.5	82.7	86.0
147.5°	63.2	65.1	67.0	68.7	70.2	71.5	72.8	74.2	75.4	76.5	79.8
150°	57.7	59.5	61.4	63.1	64.4	65.5	66.8	68.0	69.2	70.2	73.5
152.5°	51.8	53.6	55.4	56.9	58.3	59.5	60.5	61.5	62.5	63.5	66.6
155°	46.2	47.8	49.4	50.9	52.3	53.3	54.1	54.9	55.9	56.8	59.6
157.5°	40.6	41.9	43.4	44.8	45.9	46.8	47.5	48.4	49.3	50.1	52.4
160°	35.0	36.2	37.5	38.7	39.5	40.3	41.0	41.8	42.6	43.3	45.2
162.5°	29.5	30.5	31.5	32.3	33.1	33.8	34.4	35.1	35.6	36.1	37.8
165°	23.8	24.6	25.3	26.0	26.7	27.3	27.8	28.2	28.6	28.9	30.3
167.5°	17.8	18.5	19.2	19.8	20.3	20.9	21.4	21.9	22.3	22.7	23.9
170°	12.5	12.9	13.3	13.8	14.2	14.7	15.2	15.6	16.0	16.4	17.4
172.5°	8.4	8.7	9.0	9.3	9.6	9.8	10.1	10.3	10.5	10.6	11.3
175°	4.4	4.5	4.6	4.6	4.7	4.7	4.8	4.8	4.8	4.8	5.3
177.5°	2.2	2.3	2.3	2.3	2.3	2.4	2.4	2.4	2.4	2.4	2.7
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232036

CATALOG NUMBER: FVS4WM-3-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	2.9	3.1	3.4	3.6	3.8	4.0	4.2	4.4	4.6	4.8	5.0
5°	5.8	6.3	6.7	7.2	7.6	8.1	8.5	8.9	9.2	9.6	10.0
7.5°	12.0	12.7	13.3	13.9	14.5	15.0	15.6	17.0	18.2	19.5	20.6
10°	18.3	19.2	20.0	20.8	21.7	23.5	25.3	27.0	28.7	30.2	31.8
12.5°	25.0	26.1	27.1	28.6	31.0	33.3	35.5	37.6	40.1	43.0	45.7
15°	31.7	33.0	34.5	37.6	40.6	43.4	46.3	49.9	53.4	56.8	60.6
17.5°	39.4	40.9	43.6	47.0	50.2	53.8	58.3	62.6	66.7	71.4	76.3
20°	47.1	48.9	52.5	56.0	59.6	65.3	70.8	76.0	81.4	86.7	92.0
22.5°	54.6	57.5	61.7	65.6	71.3	77.6	83.7	89.8	95.5	101.3	108.3
25°	62.2	66.3	71.0	76.2	83.1	89.9	96.9	103.8	110.6	118.0	125.4
27.5°	69.5	74.5	79.8	86.4	93.7	101.5	109.7	117.7	125.8	133.5	141.9
30°	76.7	82.6	88.5	95.9	103.8	112.8	121.9	131.4	140.6	149.5	158.5
32.5°	83.4	89.8	96.7	105.0	114.0	124.3	134.7	145.4	155.4	164.5	174.0
35°	90.1	96.9	105.0	114.2	124.8	136.3	147.1	158.3	168.8	179.2	189.8
37.5°	97.2	104.4	113.6	123.5	135.2	147.1	159.0	170.9	183.3	194.5	206.0
40°	104.3	112.0	122.2	133.2	145.3	157.8	170.3	182.9	195.7	208.8	220.9
42.5°	110.3	118.2	129.5	141.7	154.5	168.1	181.4	194.8	208.4	221.9	234.8
45°	116.1	124.7	136.5	149.7	163.7	178.6	192.5	206.7	221.4	235.2	248.9
47.5°	121.9	131.4	143.5	157.6	172.7	188.4	202.7	218.6	234.1	249.1	262.3
50°	127.6	138.0	150.4	165.3	181.2	196.8	211.7	228.9	244.7	259.9	274.8
52.5°	132.4	143.5	157.0	172.2	189.2	205.0	221.1	238.7	254.8	270.6	286.1
55°	137.1	148.9	163.2	179.0	197.1	213.1	230.3	248.0	265.1	281.4	297.6
57.5°	141.5	154.0	169.0	185.6	204.1	220.9	238.9	257.2	275.1	292.1	309.4
60°	145.9	159.1	174.7	191.9	210.6	228.7	246.6	265.6	283.6	301.3	318.6
62.5°	149.7	163.6	179.6	197.4	216.5	235.3	253.8	273.4	291.4	309.8	327.4
65°	153.4	168.1	184.2	202.5	221.8	240.9	260.4	280.3	298.2	317.4	335.3
67.5°	156.4	171.5	188.3	206.9	226.2	246.0	266.5	286.4	304.9	324.3	342.2
70°	159.2	174.7	192.2	210.8	230.3	250.9	271.7	291.9	311.5	330.5	348.2
72.5°	161.5	177.4	194.6	214.4	234.4	255.4	276.1	296.9	317.1	336.0	353.9
75°	163.7	179.9	196.6	217.9	238.5	259.5	279.5	301.3	321.3	340.1	358.9
77.5°	165.4	181.6	198.7	220.4	240.8	262.7	283.0	304.9	324.4	343.8	363.3
80°	167.4	183.0	200.8	222.4	242.4	265.5	286.4	307.4	326.7	346.9	366.2
82.5°	168.3	184.2	203.4	223.7	244.5	267.4	287.7	309.7	329.2	349.7	368.7
85°	169.3	184.7	204.9	225.1	247.1	269.4	288.7	312.5	331.8	351.9	371.0
87.5°	168.9	185.2	204.0	225.1	246.8	269.8	289.1	311.8	332.5	353.1	371.5
90°	168.4	185.7	203.0	225.1	246.3	270.3	289.6	310.7	331.9	353.1	370.4
92.5°	168.9	185.2	204.0	225.1	246.8	269.8	289.1	311.8	332.5	353.1	371.5
95°	169.3	184.7	204.9	225.1	247.1	269.4	288.7	312.5	331.8	351.9	371.0
97.5°	168.3	184.2	203.4	223.7	244.5	267.4	287.7	309.7	329.2	349.7	368.7
100°	167.4	183.0	200.8	222.4	242.4	265.5	286.4	307.4	326.7	346.9	366.2
102.5°	165.4	181.6	198.7	220.4	240.8	262.7	283.0	304.9	324.4	343.8	363.3
105°	163.7	179.9	196.6	217.9	238.5	259.5	279.5	301.3	321.3	340.1	358.9
107.5°	161.5	177.4	194.6	214.4	234.4	255.4	276.1	296.9	317.1	336.0	353.9
110°	159.2	174.7	192.2	210.8	230.3	250.9	271.7	291.9	311.5	330.5	348.2



TEST NUMBER: P232036

CATALOG NUMBER: FVS4WM-3-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°	156.4	171.5	188.3	206.9	226.2	246.0	266.5	286.4	304.9	324.3	342.2
115°	153.4	168.1	184.2	202.5	221.8	240.9	260.4	280.3	298.2	317.4	335.3
117.5°	149.7	163.6	179.6	197.4	216.5	235.3	253.8	273.4	291.4	309.8	327.4
120°	145.9	159.1	174.7	191.9	210.6	228.7	246.6	265.6	283.6	301.3	318.6
122.5°	141.5	154.0	169.0	185.6	204.1	220.9	238.9	257.2	275.1	292.1	309.4
125°	137.1	148.9	163.2	179.0	197.1	213.1	230.3	248.0	265.1	281.4	297.6
127.5°	132.4	143.5	157.0	172.2	189.2	205.0	221.1	238.7	254.8	270.6	286.1
130°	127.6	138.0	150.4	165.3	181.2	196.8	211.7	228.9	244.7	259.9	274.8
132.5°	121.9	131.4	143.5	157.6	172.7	188.4	202.7	218.6	234.1	249.1	262.3
135°	116.1	124.7	136.5	149.7	163.7	178.6	192.5	206.7	221.4	235.2	248.9
137.5°	110.3	118.2	129.5	141.7	154.5	168.1	181.4	194.8	208.4	221.9	234.8
140°	104.3	112.0	122.2	133.2	145.3	157.8	170.3	182.9	195.7	208.8	220.9
142.5°	97.2	104.4	113.6	123.5	135.2	147.1	159.0	170.9	183.3	194.5	206.0
145°	90.1	96.9	105.0	114.2	124.8	136.3	147.1	158.3	168.8	179.2	189.8
147.5°	83.4	89.8	96.7	105.0	114.0	124.3	134.7	145.4	155.4	164.5	174.0
150°	76.7	82.6	88.5	95.9	103.8	112.8	121.9	131.4	140.6	149.5	158.5
152.5°	69.5	74.5	79.8	86.4	93.7	101.5	109.7	117.7	125.8	133.5	141.9
155°	62.2	66.3	71.0	76.2	83.1	89.9	96.9	103.8	110.6	118.0	125.4
157.5°	54.6	57.5	61.7	65.6	71.3	77.6	83.7	89.8	95.5	101.3	108.3
160°	47.1	48.9	52.5	56.0	59.6	65.3	70.8	76.0	81.4	86.7	92.0
162.5°	39.4	40.9	43.6	47.0	50.2	53.8	58.3	62.6	66.7	71.4	76.3
165°	31.7	33.0	34.5	37.6	40.6	43.4	46.3	49.9	53.4	56.8	60.6
167.5°	25.0	26.1	27.1	28.6	31.0	33.3	35.5	37.6	40.1	43.0	45.7
170°	18.3	19.2	20.0	20.8	21.7	23.5	25.3	27.0	28.7	30.2	31.8
172.5°	12.0	12.7	13.3	13.9	14.5	15.0	15.6	17.0	18.2	19.5	20.6
175°	5.8	6.3	6.7	7.2	7.6	8.1	8.5	8.9	9.2	9.6	10.0
177.5°	2.9	3.1	3.4	3.6	3.8	4.0	4.2	4.4	4.6	4.8	5.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232036

CATALOG NUMBER: FVS4WM-3-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	5.1	5.3	5.4	5.6	5.7	5.8	5.9	6.0	6.1	6.1	6.2
5°	10.8	11.7	12.4	13.2	13.9	14.5	15.1	15.7	16.2	16.6	17.0
7.5°	21.7	22.8	23.8	24.7	25.7	26.8	27.7	29.0	30.1	31.1	32.0
10°	33.9	36.0	38.0	39.8	41.5	43.1	44.5	46.0	47.6	49.1	50.4
12.5°	48.4	50.9	53.4	56.1	58.7	61.1	63.5	65.7	67.7	69.8	71.7
15°	63.9	67.6	71.0	74.2	77.1	80.4	83.4	86.5	89.3	91.8	94.0
17.5°	81.0	86.0	89.5	93.5	97.4	101.1	104.7	108.0	110.9	113.4	115.9
20°	97.6	102.8	107.7	112.3	117.0	121.7	125.9	129.7	133.3	136.7	139.7
22.5°	115.0	121.1	126.8	132.3	137.8	142.8	147.7	152.2	156.4	160.4	164.0
25°	132.5	139.2	146.2	151.8	158.0	163.8	169.3	174.6	179.5	184.1	187.7
27.5°	150.0	157.6	164.8	171.8	178.2	184.2	191.1	196.2	201.6	206.4	210.3
30°	167.3	175.8	183.8	191.2	198.3	205.2	211.9	218.4	223.6	228.3	233.2
32.5°	183.6	192.9	201.9	210.3	218.2	225.7	232.7	239.0	244.8	250.3	255.4
35°	200.1	210.4	220.2	229.4	237.9	245.6	253.0	260.0	266.7	272.4	277.2
37.5°	216.8	227.5	238.3	248.2	257.0	265.3	273.2	280.5	286.8	293.4	297.9
40°	232.5	244.5	255.5	265.2	274.7	283.9	292.1	299.3	306.4	312.9	318.6
42.5°	247.7	260.2	271.0	281.4	291.5	301.0	309.6	318.2	327.1	332.6	338.8
45°	262.3	274.4	286.2	297.9	308.1	318.0	327.6	336.5	343.9	350.9	356.4
47.5°	275.7	288.4	301.7	313.7	323.8	334.3	344.2	352.4	360.8	368.2	374.6
50°	288.8	302.2	315.5	327.3	338.8	349.8	359.6	368.8	378.6	385.3	392.0
52.5°	301.1	315.5	328.5	341.1	354.0	364.4	374.6	384.7	392.8	400.8	408.3
55°	313.3	328.2	341.9	354.2	366.6	378.3	388.5	398.2	407.3	416.0	423.3
57.5°	324.5	339.1	353.0	366.4	378.8	390.4	401.4	411.8	421.1	429.6	437.1
60°	334.5	349.3	363.7	377.4	390.1	402.1	413.7	424.2	433.7	442.4	449.9
62.5°	343.5	358.6	373.7	387.7	401.0	413.5	425.1	435.8	445.2	453.7	462.2
65°	351.6	367.4	382.5	396.8	410.8	423.9	435.5	446.1	455.5	464.3	473.5
67.5°	358.8	374.9	390.3	405.5	419.7	432.6	444.4	455.1	465.2	474.8	483.5
70°	365.4	381.8	397.9	413.7	427.3	440.4	452.3	463.0	473.5	483.7	493.3
72.5°	371.5	388.6	405.1	421.0	434.1	448.1	459.9	471.2	481.6	491.6	501.0
75°	376.9	394.1	410.8	426.6	440.3	453.8	466.1	478.2	488.6	498.4	508.0
77.5°	381.4	398.4	414.5	430.5	444.9	458.2	471.1	483.4	494.5	504.7	513.5
80°	383.8	401.2	418.2	434.0	448.3	462.0	474.5	487.0	498.6	508.9	517.9
82.5°	386.0	403.7	421.7	436.4	451.3	465.5	477.4	489.6	501.2	512.1	521.6
85°	388.3	405.7	423.7	438.3	452.9	466.8	479.4	491.7	502.8	514.0	523.8
87.5°	389.2	407.0	424.9	439.7	453.8	467.9	481.0	493.5	504.1	514.8	524.3
90°	388.7	407.0	424.3	439.7	453.1	468.5	481.0	493.5	504.1	515.7	524.3
92.5°	389.2	407.0	424.9	439.7	453.8	467.9	481.0	493.5	504.1	514.8	524.3
95°	388.3	405.7	423.7	438.3	452.9	466.8	479.4	491.7	502.8	514.0	523.8
97.5°	386.0	403.7	421.7	436.4	451.3	465.5	477.4	489.6	501.2	512.1	521.6
100°	383.8	401.2	418.2	434.0	448.3	462.0	474.5	487.0	498.6	508.9	517.9
102.5°	381.4	398.4	414.5	430.5	444.9	458.2	471.1	483.4	494.5	504.7	513.5
105°	376.9	394.1	410.8	426.6	440.3	453.8	466.1	478.2	488.6	498.4	508.0
107.5°	371.5	388.6	405.1	421.0	434.1	448.1	459.9	471.2	481.6	491.6	501.0
110°	365.4	381.8	397.9	413.7	427.3	440.4	452.3	463.0	473.5	483.7	493.3



TEST NUMBER: P232036

CATALOG NUMBER: FVS4WM-3-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°	358.8	374.9	390.3	405.5	419.7	432.6	444.4	455.1	465.2	474.8	483.5
115°	351.6	367.4	382.5	396.8	410.8	423.9	435.5	446.1	455.5	464.3	473.5
117.5°	343.5	358.6	373.7	387.7	401.0	413.5	425.1	435.8	445.2	453.7	462.2
120°	334.5	349.3	363.7	377.4	390.1	402.1	413.7	424.2	433.7	442.4	449.9
122.5°	324.5	339.1	353.0	366.4	378.8	390.4	401.4	411.8	421.1	429.6	437.1
125°	313.3	328.2	341.9	354.2	366.6	378.3	388.5	398.2	407.3	416.0	423.3
127.5°	301.1	315.5	328.5	341.1	354.0	364.4	374.6	384.7	392.8	400.8	408.3
130°	288.8	302.2	315.5	327.3	338.8	349.8	359.6	368.8	378.6	385.3	392.0
132.5°	275.7	288.4	301.7	313.7	323.8	334.3	344.2	352.4	360.8	368.2	374.6
135°	262.3	274.4	286.2	297.9	308.1	318.0	327.6	336.5	343.9	350.9	356.4
137.5°	247.7	260.2	271.0	281.4	291.5	301.0	309.6	318.2	327.1	332.6	338.8
140°	232.5	244.5	255.5	265.2	274.7	283.9	292.1	299.3	306.4	312.9	318.6
142.5°	216.8	227.5	238.3	248.2	257.0	265.3	273.2	280.5	286.8	293.4	297.9
145°	200.1	210.4	220.2	229.4	237.9	245.6	253.0	260.0	266.7	272.4	277.2
147.5°	183.6	192.9	201.9	210.3	218.2	225.7	232.7	239.0	244.8	250.3	255.4
150°	167.3	175.8	183.8	191.2	198.3	205.2	211.9	218.4	223.6	228.3	233.2
152.5°	150.0	157.6	164.8	171.8	178.2	184.2	191.1	196.2	201.6	206.4	210.3
155°	132.5	139.2	146.2	151.8	158.0	163.8	169.3	174.6	179.5	184.1	187.7
157.5°	115.0	121.1	126.8	132.3	137.8	142.8	147.7	152.2	156.4	160.4	164.0
160°	97.6	102.8	107.7	112.3	117.0	121.7	125.9	129.7	133.3	136.7	139.7
162.5°	81.0	86.0	89.5	93.5	97.4	101.1	104.7	108.0	110.9	113.4	115.9
165°	63.9	67.6	71.0	74.2	77.1	80.4	83.4	86.5	89.3	91.8	94.0
167.5°	48.4	50.9	53.4	56.1	58.7	61.1	63.5	65.7	67.7	69.8	71.7
170°	33.9	36.0	38.0	39.8	41.5	43.1	44.5	46.0	47.6	49.1	50.4
172.5°	21.7	22.8	23.8	24.7	25.7	26.8	27.7	29.0	30.1	31.1	32.0
175°	10.8	11.7	12.4	13.2	13.9	14.5	15.1	15.7	16.2	16.6	17.0
177.5°	5.1	5.3	5.4	5.6	5.7	5.8	5.9	6.0	6.1	6.1	6.2
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232036

CATALOG NUMBER: FVS4WM-3-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	6.2	6.3	6.3	6.3	6.3	6.3	6.4	6.3	6.2	6.1	6.0
5°	17.3	17.6	17.9	18.0	18.2	18.2	18.2	18.2	18.5	18.2	17.9
7.5°	32.9	33.6	34.3	34.9	35.4	35.7	36.0	36.2	36.3	36.7	36.4
10°	51.6	53.0	54.3	55.4	56.3	57.1	57.7	58.1	58.4	59.2	58.7
12.5°	73.3	74.7	75.9	76.9	78.1	79.1	79.8	80.4	80.7	80.8	81.2
15°	96.0	97.7	99.3	100.7	101.8	103.0	104.0	104.8	105.2	105.3	105.7
17.5°	118.4	120.9	123.0	124.6	125.9	126.8	127.8	129.2	130.3	131.1	132.4
20°	142.4	144.9	147.2	149.1	150.6	151.7	152.4	153.3	154.3	154.8	155.6
22.5°	167.1	169.8	172.0	174.0	175.7	177.0	177.9	178.4	179.3	179.9	180.9
25°	190.9	193.8	196.2	198.3	200.3	201.9	203.1	203.8	204.5	205.6	206.2
27.5°	213.9	217.2	220.0	222.4	224.0	226.0	227.4	228.3	228.7	229.3	229.4
30°	236.5	239.6	242.7	245.3	247.6	249.3	250.9	252.0	252.4	253.0	253.9
32.5°	259.4	262.8	265.9	269.2	271.3	272.7	273.8	274.8	275.1	275.2	276.1
35°	281.4	285.4	288.9	291.9	294.0	295.4	296.4	297.2	297.3	296.7	297.3
37.5°	302.4	306.4	310.0	312.8	315.1	317.1	318.3	318.8	318.9	318.3	318.5
40°	323.3	327.1	330.3	333.7	336.6	338.4	339.0	339.2	339.5	339.6	339.9
42.5°	343.3	346.9	350.5	353.7	356.2	357.6	358.6	359.0	359.2	358.9	358.2
45°	361.3	365.9	370.1	373.1	375.5	377.6	377.7	378.4	378.3	377.8	376.5
47.5°	380.4	384.7	388.1	391.6	394.1	395.8	396.5	396.7	396.1	395.4	394.3
50°	398.0	402.7	406.5	410.2	412.0	413.3	414.1	414.0	413.8	413.5	413.4
52.5°	414.3	419.5	423.2	426.3	428.9	430.7	431.7	431.2	430.9	430.5	430.3
55°	429.9	434.6	438.6	442.6	445.4	447.2	447.6	447.6	447.0	445.4	445.4
57.5°	443.4	449.5	454.7	458.1	461.3	463.0	463.5	463.4	462.6	461.5	460.9
60°	457.1	463.8	468.4	472.5	475.8	477.6	478.1	478.0	476.8	475.6	474.7
62.5°	470.0	475.2	480.7	485.6	489.1	491.0	492.0	491.8	490.0	488.5	487.5
65°	480.5	487.1	493.2	497.6	501.4	503.6	504.4	504.7	502.8	501.4	500.3
67.5°	491.1	498.0	503.8	508.3	512.2	514.6	515.8	516.3	514.8	513.1	511.8
70°	500.6	507.4	513.3	517.6	521.3	524.2	526.2	526.8	525.4	523.0	521.4
72.5°	508.9	515.3	521.3	526.0	529.9	533.0	534.4	535.5	534.0	532.0	530.2
75°	515.9	522.5	528.2	533.2	537.4	539.7	541.4	542.5	542.8	540.5	538.6
77.5°	521.7	528.7	534.4	539.1	543.1	545.5	547.2	548.8	549.0	548.3	545.9
80°	526.2	533.4	539.3	543.8	547.9	551.1	551.8	552.9	553.7	553.5	551.9
82.5°	530.1	537.0	542.7	547.4	551.0	553.6	555.4	556.7	556.6	556.5	557.0
85°	531.8	538.6	544.4	550.1	553.4	556.0	557.5	558.5	558.7	558.4	558.2
87.5°	533.0	539.4	545.2	550.3	553.4	555.6	557.8	558.9	558.8	558.2	558.2
90°	533.0	538.8	544.5	550.3	553.2	555.1	557.0	557.0	557.0	556.1	554.1
92.5°	533.0	539.4	545.2	550.3	553.4	555.6	557.8	558.9	558.8	558.2	558.2
95°	531.8	538.6	544.4	550.1	553.4	556.0	557.5	558.5	558.7	558.4	558.2
97.5°	530.1	537.0	542.7	547.4	551.0	553.6	555.4	556.7	556.6	556.5	557.0
100°	526.2	533.4	539.3	543.8	547.9	551.1	551.8	552.9	553.7	553.5	551.9
102.5°	521.7	528.7	534.4	539.1	543.1	545.5	547.2	548.8	549.0	548.3	545.9
105°	515.9	522.5	528.2	533.2	537.4	539.7	541.4	542.5	542.8	540.5	538.6
107.5°	508.9	515.3	521.3	526.0	529.9	533.0	534.4	535.5	534.0	532.0	530.2
110°	500.6	507.4	513.3	517.6	521.3	524.2	526.2	526.8	525.4	523.0	521.4



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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°	491.1	498.0	503.8	508.3	512.2	514.6	515.8	516.3	514.8	513.1	511.8
115°	480.5	487.1	493.2	497.6	501.4	503.6	504.4	504.7	502.8	501.4	500.3
117.5°	470.0	475.2	480.7	485.6	489.1	491.0	492.0	491.8	490.0	488.5	487.5
120°	457.1	463.8	468.4	472.5	475.8	477.6	478.1	478.0	476.8	475.6	474.7
122.5°	443.4	449.5	454.7	458.1	461.3	463.0	463.5	463.4	462.6	461.5	460.9
125°	429.9	434.6	438.6	442.6	445.4	447.2	447.6	447.6	447.0	445.4	445.4
127.5°	414.3	419.5	423.2	426.3	428.9	430.7	431.7	431.2	430.9	430.5	430.3
130°	398.0	402.7	406.5	410.2	412.0	413.3	414.1	414.0	413.8	413.5	413.4
132.5°	380.4	384.7	388.1	391.6	394.1	395.8	396.5	396.7	396.1	395.4	394.3
135°	361.3	365.9	370.1	373.1	375.5	377.6	377.7	378.4	378.3	377.8	376.5
137.5°	343.3	346.9	350.5	353.7	356.2	357.6	358.6	359.0	359.2	358.9	358.2
140°	323.3	327.1	330.3	333.7	336.6	338.4	339.0	339.2	339.5	339.6	339.9
142.5°	302.4	306.4	310.0	312.8	315.1	317.1	318.3	318.8	318.9	318.3	318.5
145°	281.4	285.4	288.9	291.9	294.0	295.4	296.4	297.2	297.3	296.7	297.3
147.5°	259.4	262.8	265.9	269.2	271.3	272.7	273.8	274.8	275.1	275.2	276.1
150°	236.5	239.6	242.7	245.3	247.6	249.3	250.9	252.0	252.4	253.0	253.9
152.5°	213.9	217.2	220.0	222.4	224.0	226.0	227.4	228.3	228.7	229.3	229.4
155°	190.9	193.8	196.2	198.3	200.3	201.9	203.1	203.8	204.5	205.6	206.2
157.5°	167.1	169.8	172.0	174.0	175.7	177.0	177.9	178.4	179.3	179.9	180.9
160°	142.4	144.9	147.2	149.1	150.6	151.7	152.4	153.3	154.3	154.8	155.6
162.5°	118.4	120.9	123.0	124.6	125.9	126.8	127.8	129.2	130.3	131.1	132.4
165°	96.0	97.7	99.3	100.7	101.8	103.0	104.0	104.8	105.2	105.3	105.7
167.5°	73.3	74.7	75.9	76.9	78.1	79.1	79.8	80.4	80.7	80.8	81.2
170°	51.6	53.0	54.3	55.4	56.3	57.1	57.7	58.1	58.4	59.2	58.7
172.5°	32.9	33.6	34.3	34.9	35.4	35.7	36.0	36.2	36.3	36.7	36.4
175°	17.3	17.6	17.9	18.0	18.2	18.2	18.2	18.2	18.5	18.2	17.9
177.5°	6.2	6.3	6.3	6.3	6.3	6.3	6.4	6.3	6.2	6.1	6.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	0.0	0.0
2.5°	5.9	5.8
5°	17.6	17.3
7.5°	36.0	35.6
10°	58.2	57.7
12.5°	80.5	79.9
15°	104.8	103.9
17.5°	132.1	131.8
20°	154.8	153.9
22.5°	179.9	178.9
25°	206.6	205.9
27.5°	229.2	228.0
30°	254.5	254.0
32.5°	276.7	276.1
35°	298.0	297.3
37.5°	319.2	318.4
40°	341.5	341.5
42.5°	358.8	357.9
45°	379.1	380.0
47.5°	394.9	394.4
50°	414.2	413.7
52.5°	431.0	431.0
55°	446.4	446.4
57.5°	460.8	460.8
60°	475.4	476.2
62.5°	488.1	488.7
65°	500.7	502.2
67.5°	511.4	512.8
70°	520.8	522.4
72.5°	530.4	532.0
75°	537.4	539.7
77.5°	544.1	547.4
80°	549.5	552.2
82.5°	554.2	557.0
85°	558.5	559.9
87.5°	559.5	561.8
90°	554.1	559.0
92.5°	559.5	561.8
95°	558.5	559.9
97.5°	554.2	557.0
100°	549.5	552.2
102.5°	544.1	547.4
105°	537.4	539.7
107.5°	530.4	532.0
110°	520.8	522.4



TEST NUMBER: P232036

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

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	511.4	512.8
115°	500.7	502.2
117.5°	488.1	488.7
120°	475.4	476.2
122.5°	460.8	460.8
125°	446.4	446.4
127.5°	431.0	431.0
130°	414.2	413.7
132.5°	394.9	394.4
135°	379.1	380.0
137.5°	358.8	357.9
140°	341.5	341.5
142.5°	319.2	318.4
145°	298.0	297.3
147.5°	276.7	276.1
150°	254.5	254.0
152.5°	229.2	228.0
155°	206.6	205.9
157.5°	179.9	178.9
160°	154.8	153.9
162.5°	132.1	131.8
165°	104.8	103.9
167.5°	80.5	79.9
170°	58.2	57.7
172.5°	36.0	35.6
175°	17.6	17.3
177.5°	5.9	5.8
180°	0.0	0.0

(END OF REPORT)