

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: P232074

Luminaire Tested: **FVS4WM-3-LD4-40-2HI-PFS125-UNV-EDC1**

Issue Date: 3/3/2020



Test Information

Test Method: LM-79-08
Report Number: P232074
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1706-121-29)
Test Lab: INNOVATION CENTER(G3)
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: FAIL-SAFE
Catalog Number: FVS4WM-3-LD4-40-2HI-PFS125-UNV-EDC1
Description: FAILSAFE FVS LED FIXTURE
3FT LENGTH, 2-MODULE LED WITH PFS125 LENS
Light Source: (168) 4000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

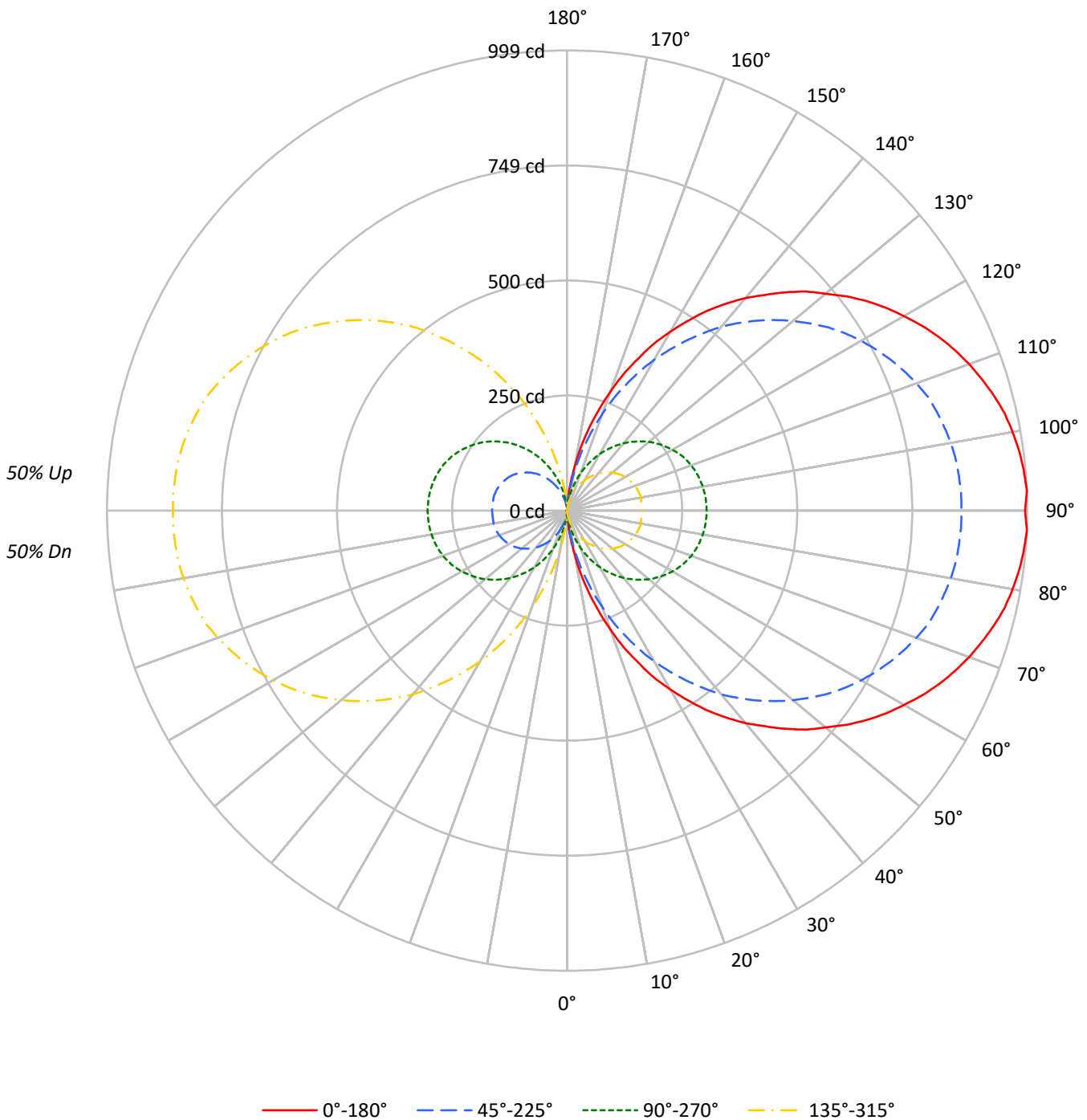
Lumens per Lamp: N/A
Luminaire Lumens: 4476.4 lumens
Efficiency: N/A
Efficacy: 62.4 lumens/watt
Spacing Criteria (0/90/45): 19.84 / 16.75 / 17.99
Luminous Opening: Rectangular w/ Sides (W: 2.92' x L: 0.19' x H: 0.31')
CIE Type: General Diffuse

Input Watts (W): 71.7
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	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°	20	20	20	20
5°	604	215	17	215
10°	1591	647	15	647
15°	2634	1169	14	1169
20°	3585	1754	13	1754
25°	4436	2379	12	2379
30°	5189	3039	12	3039
35°	5866	3733	11	3733
40°	6449	4503	11	4503
45°	6994	5330	10	5330
50°	7506	6300	10	6300
55°	8050	7411	10	7411
60°	8548	8766	10	8766
65°	9072	10490	10	10490
70°	9583	12760	10	12760
75°	10111	15972	11	15972
80°	10650	21081	0	21081
85°	11208	30657	0	30657



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	2.5	0.1
10°-20°	25.0	0.6
20°-30°	78.2	1.7
30°-40°	155.5	3.5
40°-50°	245.7	5.5
50°-60°	336.7	7.5
60°-70°	416.6	9.3
70°-80°	474.8	10.6
80°-90°	503.3	11.2
90°-100°	503.3	11.2
100°-110°	474.8	10.6
110°-120°	416.6	9.3
120°-130°	336.7	7.5
130°-140°	245.7	5.5
140°-150°	155.5	3.5
150°-160°	78.2	1.7
160°-170°	25.0	0.6
170°-180°	2.5	0.1
0°-30°	105.7	2.4
0°-40°	261.1	5.8
0°-60°	843.5	18.8
0°-90°	2238.2	50.0
90°-120°	1394.7	31.2
90°-150°	2132.5	47.6
90°-180°	2238.0	50.0
0°-180°	4476.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1	1	1	1	1	
5°	35	11	1	11	35	5
15°	187	59	1	59	187	56
25°	363	115	1	115	363	171
35°	529	167	1	167	529	333
45°	670	212	1	212	670	520
55°	793	249	1	249	793	711
65°	891	277	1	277	891	883
75°	960	294	1	294	960	1014
85°	995	302	0	302	995	810
90°	994	303	0	303	994	546
95°	995	302	0	302	995	810
105°	960	294	1	294	960	1014
115°	891	277	1	277	891	883
125°	793	249	1	249	793	711
135°	670	212	1	212	670	520
145°	529	167	1	167	529	333
155°	363	115	1	115	363	171
165°	187	59	1	59	187	56
175°	35	11	1	11	35	5
180°	1	1	1	1	1	



TEST NUMBER: P232074

CATALOG NUMBER: FVS4WM-3-LD4-40-2HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
2.5°	12.0	12.2	12.4	12.7	12.9	13.1	13.3	13.0	13.0	13.1	13.1
5°	35.0	35.4	35.8	36.2	36.6	35.9	35.8	35.6	35.3	35.0	34.6
7.5°	64.0	64.8	65.6	66.4	65.8	65.8	65.6	65.2	64.6	63.9	62.9
10°	103.0	103.9	104.8	105.6	104.2	103.7	103.0	102.0	100.7	99.2	97.4
12.5°	144.0	145.3	146.7	146.2	146.1	145.5	144.6	143.2	141.3	139.1	137.0
15°	187.0	188.3	189.7	188.8	188.4	187.6	186.3	184.5	182.8	181.4	179.4
17.5°	229.0	231.0	233.1	232.4	232.3	231.6	230.1	228.8	227.4	225.4	222.9
20°	275.0	277.4	279.7	278.8	278.6	277.6	276.2	274.6	272.5	269.9	267.0
22.5°	321.0	322.7	324.3	322.5	321.5	320.3	320.2	319.0	316.7	313.2	308.4
25°	363.0	365.3	365.9	366.0	365.2	364.9	364.6	363.6	361.8	359.4	355.9
27.5°	409.0	410.8	410.6	410.0	408.8	408.9	408.1	406.5	403.7	401.7	398.2
30°	448.0	450.6	451.2	451.2	451.2	451.4	450.5	448.6	446.7	444.0	440.3
32.5°	489.0	491.9	492.4	492.4	492.6	492.1	490.8	489.8	488.4	485.7	481.3
35°	529.0	530.7	530.2	529.8	531.2	531.1	530.0	529.2	527.3	524.6	520.9
37.5°	566.0	567.9	567.4	567.7	569.4	569.9	569.9	569.1	567.2	564.2	560.0
40°	602.0	604.5	604.3	605.3	606.4	606.8	607.7	607.1	605.4	602.6	598.8
42.5°	635.0	637.7	637.8	640.1	641.6	642.9	644.0	643.9	641.7	638.7	634.9
45°	670.0	672.5	672.0	674.0	674.9	676.9	678.0	679.6	676.5	673.1	668.8
47.5°	704.0	705.1	704.0	706.2	707.8	709.7	710.2	710.3	709.5	706.8	702.0
50°	732.0	735.0	735.5	737.1	739.8	742.7	744.3	744.0	742.3	739.7	734.7
52.5°	764.0	766.0	766.3	767.8	770.7	773.4	774.9	774.5	773.4	770.8	766.5
55°	793.0	794.4	794.6	796.2	799.5	802.2	803.8	803.0	800.7	797.9	793.5
57.5°	820.0	820.8	820.9	823.3	826.9	830.4	831.9	831.3	829.7	824.6	818.6
60°	844.0	845.7	845.9	849.5	853.6	857.3	858.3	857.8	855.6	850.9	844.3
62.5°	869.0	868.0	869.7	873.7	878.3	881.7	882.5	881.2	879.7	875.2	868.2
65°	891.0	891.1	892.0	895.6	900.9	903.8	904.8	904.3	901.7	895.9	889.5
67.5°	911.0	910.4	911.6	916.4	921.6	924.4	925.2	924.3	920.8	915.1	908.4
70°	929.0	927.4	929.4	935.6	940.9	942.9	943.7	942.7	938.4	932.7	925.4
72.5°	945.0	943.9	945.8	952.1	957.1	959.1	959.4	957.3	953.3	947.7	941.6
75°	960.0	957.1	960.4	967.0	970.8	972.7	971.6	969.8	966.6	961.0	953.9
77.5°	973.1	968.4	973.1	979.8	982.3	983.2	982.1	980.2	976.7	971.4	964.0
80°	982.1	978.8	984.0	989.0	990.3	991.1	990.6	988.9	985.8	980.8	972.9
82.5°	990.1	987.1	992.6	993.8	995.8	996.8	996.7	994.8	991.9	986.7	979.1
85°	995.1	994.8	995.3	997.4	999.1	1000.3	1000.0	998.2	994.9	989.7	982.9
87.5°	999.1	996.1	995.1	997.2	999.2	1000.4	999.9	998.5	995.3	990.1	983.9
90°	994.1	985.1	988.1	992.1	996.1	998.1	998.1	997.1	994.1	990.1	983.1
92.5°	999.1	996.1	995.1	997.2	999.2	1000.4	999.9	998.5	995.3	990.1	983.9
95°	995.1	994.8	995.3	997.4	999.1	1000.3	1000.0	998.2	994.9	989.7	982.9
97.5°	990.1	987.1	992.6	993.8	995.8	996.8	996.7	994.8	991.9	986.7	979.1
100°	982.1	978.8	984.0	989.0	990.3	991.1	990.6	988.9	985.8	980.8	972.9
102.5°	973.1	968.4	973.1	979.8	982.3	983.2	982.1	980.2	976.7	971.4	964.0
105°	960.0	957.1	960.4	967.0	970.8	972.7	971.6	969.8	966.6	961.0	953.9
107.5°	945.0	943.9	945.8	952.1	957.1	959.1	959.4	957.3	953.3	947.7	941.6
110°	929.0	927.4	929.4	935.6	940.9	942.9	943.7	942.7	938.4	932.7	925.4



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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°	911.0	910.4	911.6	916.4	921.6	924.4	925.2	924.3	920.8	915.1	908.4
115°	891.0	891.1	892.0	895.6	900.9	903.8	904.8	904.3	901.7	895.9	889.5
117.5°	869.0	868.0	869.7	873.7	878.3	881.7	882.5	881.2	879.7	875.2	868.2
120°	844.0	845.7	845.9	849.5	853.6	857.3	858.3	857.8	855.6	850.9	844.3
122.5°	820.0	820.8	820.9	823.3	826.9	830.4	831.9	831.3	829.7	824.6	818.6
125°	793.0	794.4	794.6	796.2	799.5	802.2	803.8	803.0	800.7	797.9	793.5
127.5°	764.0	766.0	766.3	767.8	770.7	773.4	774.9	774.5	773.4	770.8	766.5
130°	732.0	735.0	735.5	737.1	739.8	742.7	744.3	744.0	742.3	739.7	734.7
132.5°	704.0	705.1	704.0	706.2	707.8	709.7	710.2	710.3	709.5	706.8	702.0
135°	670.0	672.5	672.0	674.0	674.9	676.9	678.0	679.6	676.5	673.1	668.8
137.5°	635.0	637.7	637.8	640.1	641.6	642.9	644.0	643.9	641.7	638.7	634.9
140°	602.0	604.5	604.3	605.3	606.4	606.8	607.7	607.1	605.4	602.6	598.8
142.5°	566.0	567.9	567.4	567.7	569.4	569.9	569.9	569.1	567.2	564.2	560.0
145°	529.0	530.7	530.2	529.8	531.2	531.1	530.0	529.2	527.3	524.6	520.9
147.5°	489.0	491.9	492.4	492.4	492.6	492.1	490.8	489.8	488.4	485.7	481.3
150°	448.0	450.6	451.2	451.2	451.2	451.4	450.5	448.6	446.7	444.0	440.3
152.5°	409.0	410.8	410.6	410.0	408.8	408.9	408.1	406.5	403.7	401.7	398.2
155°	363.0	365.3	365.9	366.0	365.2	364.9	364.6	363.6	361.8	359.4	355.9
157.5°	321.0	322.7	324.3	322.5	321.5	320.3	320.2	319.0	316.7	313.2	308.4
160°	275.0	277.4	279.7	278.8	278.6	277.6	276.2	274.6	272.5	269.9	267.0
162.5°	229.0	231.0	233.1	232.4	232.3	231.6	230.1	228.8	227.4	225.4	222.9
165°	187.0	188.3	189.7	188.8	188.4	187.6	186.3	184.5	182.8	181.4	179.4
167.5°	144.0	145.3	146.7	146.2	146.1	145.5	144.6	143.2	141.3	139.1	137.0
170°	103.0	103.9	104.8	105.6	104.2	103.7	103.0	102.0	100.7	99.2	97.4
172.5°	64.0	64.8	65.6	66.4	65.8	65.8	65.6	65.2	64.6	63.9	62.9
175°	35.0	35.4	35.8	36.2	36.6	35.9	35.8	35.6	35.3	35.0	34.6
177.5°	12.0	12.2	12.4	12.7	12.9	13.1	13.3	13.0	13.0	13.1	13.1
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
2.5°	13.1	13.0	13.0	12.9	12.8	12.6	12.5	12.3	12.1	11.9	11.7
5°	34.1	33.5	32.8	32.0	31.2	30.3	29.3	28.3	27.2	26.0	24.7
7.5°	61.8	60.4	58.9	57.2	55.2	53.1	50.7	49.2	47.3	45.8	44.5
10°	95.4	93.0	91.4	89.3	87.0	84.3	81.7	79.3	76.6	73.8	70.8
12.5°	134.9	132.4	129.6	126.4	123.1	119.8	116.1	112.1	107.7	103.0	98.0
15°	176.8	173.7	170.0	166.0	161.7	157.0	152.3	147.3	141.8	136.5	131.1
17.5°	219.8	216.1	211.9	207.2	202.2	196.7	190.6	184.2	177.8	170.8	163.4
20°	263.7	259.7	255.1	250.0	244.3	238.1	231.1	223.5	215.1	206.8	198.3
22.5°	305.1	301.8	297.3	291.8	285.2	278.0	270.7	263.0	255.1	245.2	235.0
25°	351.0	345.8	340.4	334.9	327.7	319.4	310.5	301.1	291.9	282.3	273.4
27.5°	393.5	387.7	381.3	374.7	367.5	359.4	352.0	339.9	329.2	317.9	306.0
30°	435.5	429.9	424.3	415.6	407.2	398.1	388.3	378.1	367.1	354.7	341.5
32.5°	476.6	470.9	463.8	455.2	446.5	436.5	425.5	413.8	402.3	389.9	375.2
35°	516.0	509.7	502.7	494.7	485.2	474.4	462.7	450.2	437.5	423.7	408.0
37.5°	554.6	548.1	540.8	534.0	522.5	511.8	499.4	485.2	471.3	457.6	441.0
40°	593.6	586.3	577.8	568.6	558.6	547.3	535.2	520.9	504.0	487.7	471.4
42.5°	629.5	623.0	614.7	604.0	594.3	580.8	567.2	552.3	536.0	518.2	500.4
45°	663.4	656.3	647.6	637.6	626.2	613.2	598.6	583.0	566.2	548.6	529.1
47.5°	696.1	689.3	680.0	669.7	658.4	645.2	629.1	612.3	594.8	577.3	557.2
50°	727.0	719.4	710.8	700.0	689.1	673.5	657.3	640.3	621.9	603.1	582.7
52.5°	759.7	749.2	740.0	728.0	715.0	701.8	684.3	666.6	648.3	628.3	606.8
55°	786.2	775.8	766.2	754.8	741.3	726.8	711.0	692.9	672.2	651.0	630.0
57.5°	812.1	803.3	792.1	779.5	765.8	751.3	734.4	715.8	696.0	674.0	650.4
60°	836.1	827.3	816.5	803.4	788.7	773.2	755.9	737.0	716.7	694.6	671.2
62.5°	859.4	848.9	838.1	824.6	810.0	794.3	776.0	756.7	736.2	713.7	689.5
65°	880.3	869.8	858.3	844.1	829.3	813.1	794.7	774.9	753.8	730.6	706.2
67.5°	899.8	889.4	876.3	862.2	847.0	830.0	811.8	791.7	769.9	746.2	721.0
70°	916.3	905.1	892.8	878.0	862.4	844.9	826.7	806.9	784.8	760.9	734.3
72.5°	931.8	920.2	907.8	893.0	876.9	859.1	840.9	821.2	797.1	773.0	746.3
75°	944.6	933.2	920.0	905.5	889.9	871.2	851.2	830.5	806.9	782.7	756.3
77.5°	955.4	944.2	930.8	915.4	898.1	880.6	860.3	838.7	815.9	790.8	763.9
80°	964.0	952.5	939.0	923.4	906.1	887.5	867.5	845.7	822.8	797.2	770.0
82.5°	969.6	958.7	945.0	929.0	911.8	893.1	872.2	851.2	828.1	801.6	775.0
85°	973.1	961.9	948.0	932.7	914.6	896.4	875.5	853.9	830.3	804.8	778.5
87.5°	974.6	964.0	949.9	934.9	916.2	898.4	878.3	856.0	832.6	807.3	781.4
90°	974.1	964.0	949.0	934.0	917.0	900.0	879.0	856.0	834.0	808.0	782.0
92.5°	974.6	964.0	949.9	934.9	916.2	898.4	878.3	856.0	832.6	807.3	781.4
95°	973.1	961.9	948.0	932.7	914.6	896.4	875.5	853.9	830.3	804.8	778.5
97.5°	969.6	958.7	945.0	929.0	911.8	893.1	872.2	851.2	828.1	801.6	775.0
100°	964.0	952.5	939.0	923.4	906.1	887.5	867.5	845.7	822.8	797.2	770.0
102.5°	955.4	944.2	930.8	915.4	898.1	880.6	860.3	838.7	815.9	790.8	763.9
105°	944.6	933.2	920.0	905.5	889.9	871.2	851.2	830.5	806.9	782.7	756.3
107.5°	931.8	920.2	907.8	893.0	876.9	859.1	840.9	821.2	797.1	773.0	746.3
110°	916.3	905.1	892.8	878.0	862.4	844.9	826.7	806.9	784.8	760.9	734.3



TEST NUMBER: P232074

CATALOG NUMBER: FVS4WM-3-LD4-40-2HI-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°	899.8	889.4	876.3	862.2	847.0	830.0	811.8	791.7	769.9	746.2	721.0
115°	880.3	869.8	858.3	844.1	829.3	813.1	794.7	774.9	753.8	730.6	706.2
117.5°	859.4	848.9	838.1	824.6	810.0	794.3	776.0	756.7	736.2	713.7	689.5
120°	836.1	827.3	816.5	803.4	788.7	773.2	755.9	737.0	716.7	694.6	671.2
122.5°	812.1	803.3	792.1	779.5	765.8	751.3	734.4	715.8	696.0	674.0	650.4
125°	786.2	775.8	766.2	754.8	741.3	726.8	711.0	692.9	672.2	651.0	630.0
127.5°	759.7	749.2	740.0	728.0	715.0	701.8	684.3	666.6	648.3	628.3	606.8
130°	727.0	719.4	710.8	700.0	689.1	673.5	657.3	640.3	621.9	603.1	582.7
132.5°	696.1	689.3	680.0	669.7	658.4	645.2	629.1	612.3	594.8	577.3	557.2
135°	663.4	656.3	647.6	637.6	626.2	613.2	598.6	583.0	566.2	548.6	529.1
137.5°	629.5	623.0	614.7	604.0	594.3	580.8	567.2	552.3	536.0	518.2	500.4
140°	593.6	586.3	577.8	568.6	558.6	547.3	535.2	520.9	504.0	487.7	471.4
142.5°	554.6	548.1	540.8	534.0	522.5	511.8	499.4	485.2	471.3	457.6	441.0
145°	516.0	509.7	502.7	494.7	485.2	474.4	462.7	450.2	437.5	423.7	408.0
147.5°	476.6	470.9	463.8	455.2	446.5	436.5	425.5	413.8	402.3	389.9	375.2
150°	435.5	429.9	424.3	415.6	407.2	398.1	388.3	378.1	367.1	354.7	341.5
152.5°	393.5	387.7	381.3	374.7	367.5	359.4	352.0	339.9	329.2	317.9	306.0
155°	351.0	345.8	340.4	334.9	327.7	319.4	310.5	301.1	291.9	282.3	273.4
157.5°	305.1	301.8	297.3	291.8	285.2	278.0	270.7	263.0	255.1	245.2	235.0
160°	263.7	259.7	255.1	250.0	244.3	238.1	231.1	223.5	215.1	206.8	198.3
162.5°	219.8	216.1	211.9	207.2	202.2	196.7	190.6	184.2	177.8	170.8	163.4
165°	176.8	173.7	170.0	166.0	161.7	157.0	152.3	147.3	141.8	136.5	131.1
167.5°	134.9	132.4	129.6	126.4	123.1	119.8	116.1	112.1	107.7	103.0	98.0
170°	95.4	93.0	91.4	89.3	87.0	84.3	81.7	79.3	76.6	73.8	70.8
172.5°	61.8	60.4	58.9	57.2	55.2	53.1	50.7	49.2	47.3	45.8	44.5
175°	34.1	33.5	32.8	32.0	31.2	30.3	29.3	28.3	27.2	26.0	24.7
177.5°	13.1	13.0	13.0	12.9	12.8	12.6	12.5	12.3	12.1	11.9	11.7
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: P232074

CATALOG NUMBER: FVS4WM-3-LD4-40-2HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
2.5°	11.4	11.1	10.8	10.5	10.2	9.8	9.5	9.1	8.7	8.3	7.8
5°	23.4	22.1	20.7	20.0	19.4	18.7	17.9	17.1	16.3	15.5	14.7
7.5°	43.0	41.3	39.5	37.6	35.6	33.4	31.2	30.0	29.1	28.0	27.0
10°	67.6	64.2	60.9	58.1	55.3	52.3	49.1	45.8	42.3	40.6	39.3
12.5°	94.2	90.4	86.2	81.7	76.9	72.5	68.8	64.9	60.9	56.7	54.1
15°	125.6	119.8	114.8	108.2	102.1	95.6	88.7	83.9	79.3	74.5	69.5
17.5°	156.5	149.2	142.7	135.8	128.4	120.7	112.8	104.6	98.5	93.1	87.4
20°	189.7	180.5	171.4	163.3	154.7	145.7	136.8	127.7	118.4	111.8	105.3
22.5°	224.1	213.6	203.0	191.8	181.6	171.3	160.6	150.4	139.7	129.7	122.2
25°	259.7	247.4	235.0	222.4	209.0	197.0	185.4	173.4	161.2	148.5	138.9
27.5°	292.9	279.7	266.8	253.5	238.4	222.7	209.2	195.7	182.2	168.8	156.7
30°	326.8	311.0	295.9	281.5	266.2	249.4	232.6	217.5	202.7	188.4	174.8
32.5°	359.7	343.1	325.5	308.7	292.5	275.1	256.9	239.3	222.1	206.4	191.4
35°	391.2	374.0	355.6	336.6	318.1	299.2	280.0	261.7	242.3	224.2	207.9
37.5°	422.6	403.9	384.3	364.5	346.0	323.5	302.4	281.7	261.6	241.8	224.5
40°	453.0	433.5	412.3	390.6	369.4	347.5	324.9	302.2	279.9	259.6	240.8
42.5°	481.5	460.9	439.2	416.2	393.5	371.1	346.7	322.1	297.5	275.7	255.2
45°	508.9	487.8	464.7	440.7	416.5	392.8	367.3	340.4	315.2	291.4	269.0
47.5°	535.1	512.7	489.0	465.5	438.9	413.9	387.6	359.0	332.2	306.4	282.2
50°	560.3	536.9	512.2	486.0	459.4	432.4	405.3	377.2	349.0	321.0	295.4
52.5°	584.0	559.6	533.5	506.7	479.5	450.8	422.3	393.7	364.4	334.6	307.6
55°	606.2	581.3	554.5	526.2	497.4	468.4	439.4	409.5	378.2	348.0	319.4
57.5°	626.0	599.9	575.7	545.3	514.8	484.9	455.1	424.2	390.6	360.0	330.4
60°	647.0	617.4	591.6	562.9	532.2	500.6	468.8	437.4	402.5	371.0	341.0
62.5°	664.2	635.9	607.5	578.5	548.7	515.6	482.0	449.2	414.6	381.5	350.8
65°	680.1	651.7	622.3	592.6	561.3	527.4	494.1	460.3	426.2	392.0	360.0
67.5°	695.0	664.9	635.2	606.3	573.1	538.8	505.0	470.4	435.7	401.1	367.7
70°	708.4	677.8	648.2	616.6	583.6	549.9	515.1	479.5	444.1	409.5	375.1
72.5°	718.3	689.4	660.5	627.1	593.1	559.4	523.7	487.6	451.6	415.6	380.4
75°	727.5	698.3	668.3	635.4	601.9	567.4	530.5	494.9	458.8	421.0	385.2
77.5°	735.8	705.9	675.5	642.1	608.7	574.1	536.6	500.1	463.6	426.1	389.6
80°	742.1	711.8	681.2	647.6	613.1	579.1	542.3	504.5	467.3	430.8	393.8
82.5°	746.8	716.6	685.4	651.7	616.8	582.1	546.4	507.1	470.4	433.3	397.9
85°	749.2	719.9	688.1	654.3	620.2	585.0	550.8	510.0	473.9	436.0	399.9
87.5°	751.8	721.6	690.0	657.3	621.6	585.9	550.5	511.0	475.0	436.0	399.0
90°	753.0	721.0	690.0	659.0	621.0	587.0	550.0	512.0	476.0	436.0	398.0
92.5°	751.8	721.6	690.0	657.3	621.6	585.9	550.5	511.0	475.0	436.0	399.0
95°	749.2	719.9	688.1	654.3	620.2	585.0	550.8	510.0	473.9	436.0	399.9
97.5°	746.8	716.6	685.4	651.7	616.8	582.1	546.4	507.1	470.4	433.3	397.9
100°	742.1	711.8	681.2	647.6	613.1	579.1	542.3	504.5	467.3	430.8	393.8
102.5°	735.8	705.9	675.5	642.1	608.7	574.1	536.6	500.1	463.6	426.1	389.6
105°	727.5	698.3	668.3	635.4	601.9	567.4	530.5	494.9	458.8	421.0	385.2
107.5°	718.3	689.4	660.5	627.1	593.1	559.4	523.7	487.6	451.6	415.6	380.4
110°	708.4	677.8	648.2	616.6	583.6	549.9	515.1	479.5	444.1	409.5	375.1



TEST NUMBER: P232074

CATALOG NUMBER: FVS4WM-3-LD4-40-2HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	695.0	664.9	635.2	606.3	573.1	538.8	505.0	470.4	435.7	401.1	367.7
115°	680.1	651.7	622.3	592.6	561.3	527.4	494.1	460.3	426.2	392.0	360.0
117.5°	664.2	635.9	607.5	578.5	548.7	515.6	482.0	449.2	414.6	381.5	350.8
120°	647.0	617.4	591.6	562.9	532.2	500.6	468.8	437.4	402.5	371.0	341.0
122.5°	626.0	599.9	575.7	545.3	514.8	484.9	455.1	424.2	390.6	360.0	330.4
125°	606.2	581.3	554.5	526.2	497.4	468.4	439.4	409.5	378.2	348.0	319.4
127.5°	584.0	559.6	533.5	506.7	479.5	450.8	422.3	393.7	364.4	334.6	307.6
130°	560.3	536.9	512.2	486.0	459.4	432.4	405.3	377.2	349.0	321.0	295.4
132.5°	535.1	512.7	489.0	465.5	438.9	413.9	387.6	359.0	332.2	306.4	282.2
135°	508.9	487.8	464.7	440.7	416.5	392.8	367.3	340.4	315.2	291.4	269.0
137.5°	481.5	460.9	439.2	416.2	393.5	371.1	346.7	322.1	297.5	275.7	255.2
140°	453.0	433.5	412.3	390.6	369.4	347.5	324.9	302.2	279.9	259.6	240.8
142.5°	422.6	403.9	384.3	364.5	346.0	323.5	302.4	281.7	261.6	241.8	224.5
145°	391.2	374.0	355.6	336.6	318.1	299.2	280.0	261.7	242.3	224.2	207.9
147.5°	359.7	343.1	325.5	308.7	292.5	275.1	256.9	239.3	222.1	206.4	191.4
150°	326.8	311.0	295.9	281.5	266.2	249.4	232.6	217.5	202.7	188.4	174.8
152.5°	292.9	279.7	266.8	253.5	238.4	222.7	209.2	195.7	182.2	168.8	156.7
155°	259.7	247.4	235.0	222.4	209.0	197.0	185.4	173.4	161.2	148.5	138.9
157.5°	224.1	213.6	203.0	191.8	181.6	171.3	160.6	150.4	139.7	129.7	122.2
160°	189.7	180.5	171.4	163.3	154.7	145.7	136.8	127.7	118.4	111.8	105.3
162.5°	156.5	149.2	142.7	135.8	128.4	120.7	112.8	104.6	98.5	93.1	87.4
165°	125.6	119.8	114.8	108.2	102.1	95.6	88.7	83.9	79.3	74.5	69.5
167.5°	94.2	90.4	86.2	81.7	76.9	72.5	68.8	64.9	60.9	56.7	54.1
170°	67.6	64.2	60.9	58.1	55.3	52.3	49.1	45.8	42.3	40.6	39.3
172.5°	43.0	41.3	39.5	37.6	35.6	33.4	31.2	30.0	29.1	28.0	27.0
175°	23.4	22.1	20.7	20.0	19.4	18.7	17.9	17.1	16.3	15.5	14.7
177.5°	11.4	11.1	10.8	10.5	10.2	9.8	9.5	9.1	8.7	8.3	7.8
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: P232074

CATALOG NUMBER: FVS4WM-3-LD4-40-2HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
2.5°	7.4	6.9	6.5	6.0	6.0	5.9	5.9	5.8	5.8	5.7	5.6
5°	13.8	12.9	11.9	11.0	10.9	10.8	10.7	10.5	10.3	10.2	10.0
7.5°	25.8	24.6	23.3	22.0	21.7	21.4	20.9	20.5	20.0	19.4	18.8
10°	37.8	36.3	34.7	33.0	32.4	31.8	31.1	30.3	29.5	28.7	28.0
12.5°	52.2	50.3	48.2	46.0	45.3	44.5	43.5	42.5	41.4	40.4	39.4
15°	66.9	64.4	61.8	59.0	58.2	57.2	56.0	54.9	53.7	52.4	51.1
17.5°	82.5	79.6	76.4	73.0	72.0	70.8	69.5	68.2	66.8	65.3	63.6
20°	98.6	94.8	91.0	87.0	85.9	84.6	83.1	81.7	80.2	78.5	76.2
22.5°	114.4	109.0	105.1	101.0	99.6	97.9	96.3	94.8	93.1	90.9	88.5
25°	130.1	123.0	119.1	115.0	113.2	111.2	109.5	107.8	105.9	103.4	100.7
27.5°	147.1	138.1	133.5	128.5	126.5	124.3	122.5	120.5	118.2	115.6	112.7
30°	164.2	153.5	147.9	142.0	139.9	137.5	135.4	133.1	130.5	127.6	124.6
32.5°	179.1	167.7	160.8	154.5	152.2	149.8	147.6	145.1	142.4	139.4	136.1
35°	193.7	181.7	173.8	167.0	164.6	162.0	159.7	157.1	154.2	150.8	147.0
37.5°	208.3	195.0	185.9	179.0	176.1	173.4	170.9	168.3	165.5	161.6	157.6
40°	223.0	208.3	197.9	191.0	187.7	184.7	182.1	179.3	176.1	172.2	167.7
42.5°	236.2	220.8	209.2	201.5	198.3	195.3	192.5	189.6	186.0	182.0	177.3
45°	249.4	233.0	220.4	212.0	209.1	205.9	202.6	199.7	195.6	191.1	186.7
47.5°	262.3	244.7	230.7	222.0	218.6	215.2	211.9	209.0	204.8	200.3	195.7
50°	275.0	256.3	241.1	232.0	228.1	224.5	221.2	218.1	214.0	209.3	204.0
52.5°	285.2	265.6	249.9	240.5	236.4	233.1	229.8	226.3	222.1	217.2	211.8
55°	295.0	274.7	258.7	249.0	244.8	241.7	238.4	234.3	229.5	224.5	219.2
57.5°	304.6	283.3	266.5	256.5	252.2	248.8	245.5	241.5	236.6	231.5	226.2
60°	314.1	291.8	274.3	264.0	259.6	255.8	252.6	248.6	243.6	238.3	232.7
62.5°	322.9	298.9	281.1	270.5	265.6	262.1	258.7	254.4	249.5	244.2	238.1
65°	331.7	305.9	287.8	277.0	271.5	268.3	264.7	260.1	255.1	249.6	243.3
67.5°	338.2	311.6	293.0	282.0	276.4	273.3	269.6	264.9	260.0	254.2	247.7
70°	344.3	317.3	298.2	287.0	281.3	278.2	274.4	269.7	264.6	258.4	251.9
72.5°	349.2	321.9	301.9	290.5	285.2	281.7	277.9	273.1	268.1	261.7	255.4
75°	353.8	326.4	306.0	294.0	289.1	285.2	281.2	276.4	271.4	264.8	258.5
77.5°	357.8	329.9	308.5	296.5	291.6	287.6	284.1	278.8	273.8	267.1	260.6
80°	361.6	334.0	311.0	299.0	294.1	290.1	287.0	281.2	276.1	269.3	262.4
82.5°	364.0	335.0	312.0	300.5	295.0	291.5	288.1	282.6	277.2	270.7	263.7
85°	365.0	336.0	313.0	302.0	296.0	293.0	289.0	284.0	278.1	272.0	265.0
87.5°	364.5	336.5	314.0	302.5	296.5	293.5	289.5	284.0	278.5	272.0	265.5
90°	364.0	337.0	315.0	303.0	297.0	294.0	290.0	284.0	279.0	272.0	266.0
92.5°	364.5	336.5	314.0	302.5	296.5	293.5	289.5	284.0	278.5	272.0	265.5
95°	365.0	336.0	313.0	302.0	296.0	293.0	289.0	284.0	278.1	272.0	265.0
97.5°	364.0	335.0	312.0	300.5	295.0	291.5	288.1	282.6	277.2	270.7	263.7
100°	361.6	334.0	311.0	299.0	294.1	290.1	287.0	281.2	276.1	269.3	262.4
102.5°	357.8	329.9	308.5	296.5	291.6	287.6	284.1	278.8	273.8	267.1	260.6
105°	353.8	326.4	306.0	294.0	289.1	285.2	281.2	276.4	271.4	264.8	258.5
107.5°	349.2	321.9	301.9	290.5	285.2	281.7	277.9	273.1	268.1	261.7	255.4
110°	344.3	317.3	298.2	287.0	281.3	278.2	274.4	269.7	264.6	258.4	251.9



TEST NUMBER: P232074

CATALOG NUMBER: FVS4WM-3-LD4-40-2HI-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°	338.2	311.6	293.0	282.0	276.4	273.3	269.6	264.9	260.0	254.2	247.7
115°	331.7	305.9	287.8	277.0	271.5	268.3	264.7	260.1	255.1	249.6	243.3
117.5°	322.9	298.9	281.1	270.5	265.6	262.1	258.7	254.4	249.5	244.2	238.1
120°	314.1	291.8	274.3	264.0	259.6	255.8	252.6	248.6	243.6	238.3	232.7
122.5°	304.6	283.3	266.5	256.5	252.2	248.8	245.5	241.5	236.6	231.5	226.2
125°	295.0	274.7	258.7	249.0	244.8	241.7	238.4	234.3	229.5	224.5	219.2
127.5°	285.2	265.6	249.9	240.5	236.4	233.1	229.8	226.3	222.1	217.2	211.8
130°	275.0	256.3	241.1	232.0	228.1	224.5	221.2	218.1	214.0	209.3	204.0
132.5°	262.3	244.7	230.7	222.0	218.6	215.2	211.9	209.0	204.8	200.3	195.7
135°	249.4	233.0	220.4	212.0	209.1	205.9	202.6	199.7	195.6	191.1	186.7
137.5°	236.2	220.8	209.2	201.5	198.3	195.3	192.5	189.6	186.0	182.0	177.3
140°	223.0	208.3	197.9	191.0	187.7	184.7	182.1	179.3	176.1	172.2	167.7
142.5°	208.3	195.0	185.9	179.0	176.1	173.4	170.9	168.3	165.5	161.6	157.6
145°	193.7	181.7	173.8	167.0	164.6	162.0	159.7	157.1	154.2	150.8	147.0
147.5°	179.1	167.7	160.8	154.5	152.2	149.8	147.6	145.1	142.4	139.4	136.1
150°	164.2	153.5	147.9	142.0	139.9	137.5	135.4	133.1	130.5	127.6	124.6
152.5°	147.1	138.1	133.5	128.5	126.5	124.3	122.5	120.5	118.2	115.6	112.7
155°	130.1	123.0	119.1	115.0	113.2	111.2	109.5	107.8	105.9	103.4	100.7
157.5°	114.4	109.0	105.1	101.0	99.6	97.9	96.3	94.8	93.1	90.9	88.5
160°	98.6	94.8	91.0	87.0	85.9	84.6	83.1	81.7	80.2	78.5	76.2
162.5°	82.5	79.6	76.4	73.0	72.0	70.8	69.5	68.2	66.8	65.3	63.6
165°	66.9	64.4	61.8	59.0	58.2	57.2	56.0	54.9	53.7	52.4	51.1
167.5°	52.2	50.3	48.2	46.0	45.3	44.5	43.5	42.5	41.4	40.4	39.4
170°	37.8	36.3	34.7	33.0	32.4	31.8	31.1	30.3	29.5	28.7	28.0
172.5°	25.8	24.6	23.3	22.0	21.7	21.4	20.9	20.5	20.0	19.4	18.8
175°	13.8	12.9	11.9	11.0	10.9	10.8	10.7	10.5	10.3	10.2	10.0
177.5°	7.4	6.9	6.5	6.0	6.0	5.9	5.9	5.8	5.8	5.7	5.6
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: P232074

CATALOG NUMBER: FVS4WM-3-LD4-40-2HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
2.5°	5.5	5.4	5.3	5.2	5.1	5.0	4.9	4.7	4.6	4.4	4.3
5°	9.8	9.5	9.3	9.1	8.8	8.5	8.3	8.0	7.7	7.4	7.1
7.5°	18.2	17.6	17.0	16.3	15.5	14.7	13.9	13.0	12.1	11.2	10.3
10°	27.3	26.5	25.6	24.7	23.7	22.7	21.7	20.6	19.5	18.3	17.1
12.5°	38.2	37.0	35.7	34.3	32.9	31.3	29.6	27.9	26.2	24.6	22.9
15°	49.7	48.2	46.7	45.1	43.3	41.2	38.9	36.5	34.1	31.6	29.3
17.5°	61.8	60.0	58.0	55.7	53.1	50.3	47.6	45.2	42.7	40.1	37.4
20°	74.0	71.6	69.2	66.5	63.6	60.7	57.8	54.8	51.7	48.3	45.1
22.5°	85.8	83.3	80.6	77.7	74.4	71.0	67.6	64.2	60.6	56.9	53.0
25°	97.9	94.9	91.8	88.3	84.7	81.1	77.4	73.6	69.4	65.1	60.7
27.5°	109.6	106.3	102.8	99.1	95.2	91.2	87.0	82.6	78.0	73.1	68.1
30°	121.3	117.5	113.5	109.4	105.2	100.9	96.5	91.7	86.4	81.0	75.8
32.5°	132.4	128.3	124.0	119.4	115.0	110.5	105.6	100.2	94.6	89.2	83.6
35°	143.0	138.6	134.1	129.4	124.8	119.9	114.5	108.6	102.6	96.7	90.6
37.5°	153.3	148.9	144.3	139.3	134.2	128.5	122.7	116.5	110.2	103.9	97.5
40°	163.0	158.5	153.6	148.4	142.7	136.9	131.1	124.6	117.7	111.0	104.5
42.5°	172.6	168.0	162.6	156.9	150.9	145.0	138.9	131.8	124.5	117.8	110.7
45°	181.7	176.5	171.0	165.0	159.0	152.9	145.9	138.7	131.7	124.3	117.0
47.5°	190.4	185.1	179.2	172.7	166.6	160.0	152.8	145.8	138.4	130.1	122.5
50°	198.3	192.8	186.6	180.2	174.1	167.1	159.5	151.7	143.5	136.0	128.6
52.5°	206.1	200.5	194.1	187.4	180.4	173.0	165.2	157.2	149.3	141.5	133.0
55°	213.4	207.2	200.7	193.8	186.4	178.8	170.9	162.7	154.6	146.2	137.7
57.5°	220.2	213.9	207.2	199.8	192.1	184.4	176.1	167.9	159.6	150.5	141.8
60°	226.3	219.5	212.4	205.0	197.6	189.8	181.2	172.4	163.5	154.6	145.9
62.5°	231.8	224.9	217.7	210.2	202.7	194.3	185.3	176.6	167.7	158.6	148.9
65°	236.5	229.9	222.7	214.8	207.0	198.4	189.5	180.8	171.4	161.5	151.7
67.5°	241.1	234.5	227.2	219.1	210.9	202.2	193.6	184.5	174.5	164.2	154.4
70°	245.3	238.0	230.1	222.0	213.8	205.6	197.0	187.8	177.5	167.0	156.7
72.5°	248.7	241.1	233.1	225.0	216.9	208.3	198.9	189.2	179.4	169.1	158.7
75°	251.7	243.9	235.8	227.3	219.0	210.3	200.7	190.8	181.2	171.1	160.4
77.5°	253.8	246.2	238.1	229.4	221.1	212.3	202.6	192.5	182.4	172.2	161.5
80°	255.4	248.2	239.6	231.2	222.5	213.0	203.6	193.6	183.2	173.1	162.3
82.5°	256.7	249.4	240.8	232.5	223.6	213.9	204.6	194.7	183.9	173.7	162.1
85°	258.0	250.1	242.0	233.1	224.1	215.0	205.2	195.2	184.2	173.5	162.2
87.5°	258.1	250.1	242.1	233.5	224.1	215.5	205.5	195.2	184.5	173.5	162.5
90°	258.0	250.0	242.0	234.0	224.0	216.0	206.0	195.0	185.0	174.0	163.0
92.5°	258.1	250.1	242.1	233.5	224.1	215.5	205.5	195.2	184.5	173.5	162.5
95°	258.0	250.1	242.0	233.1	224.1	215.0	205.2	195.2	184.2	173.5	162.2
97.5°	256.7	249.4	240.8	232.5	223.6	213.9	204.6	194.7	183.9	173.7	162.1
100°	255.4	248.2	239.6	231.2	222.5	213.0	203.6	193.6	183.2	173.1	162.3
102.5°	253.8	246.2	238.1	229.4	221.1	212.3	202.6	192.5	182.4	172.2	161.5
105°	251.7	243.9	235.8	227.3	219.0	210.3	200.7	190.8	181.2	171.1	160.4
107.5°	248.7	241.1	233.1	225.0	216.9	208.3	198.9	189.2	179.4	169.1	158.7
110°	245.3	238.0	230.1	222.0	213.8	205.6	197.0	187.8	177.5	167.0	156.7



TEST NUMBER: P232074

CATALOG NUMBER: FVS4WM-3-LD4-40-2HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	241.1	234.5	227.2	219.1	210.9	202.2	193.6	184.5	174.5	164.2	154.4
115°	236.5	229.9	222.7	214.8	207.0	198.4	189.5	180.8	171.4	161.5	151.7
117.5°	231.8	224.9	217.7	210.2	202.7	194.3	185.3	176.6	167.7	158.6	148.9
120°	226.3	219.5	212.4	205.0	197.6	189.8	181.2	172.4	163.5	154.6	145.9
122.5°	220.2	213.9	207.2	199.8	192.1	184.4	176.1	167.9	159.6	150.5	141.8
125°	213.4	207.2	200.7	193.8	186.4	178.8	170.9	162.7	154.6	146.2	137.7
127.5°	206.1	200.5	194.1	187.4	180.4	173.0	165.2	157.2	149.3	141.5	133.0
130°	198.3	192.8	186.6	180.2	174.1	167.1	159.5	151.7	143.5	136.0	128.6
132.5°	190.4	185.1	179.2	172.7	166.6	160.0	152.8	145.8	138.4	130.1	122.5
135°	181.7	176.5	171.0	165.0	159.0	152.9	145.9	138.7	131.7	124.3	117.0
137.5°	172.6	168.0	162.6	156.9	150.9	145.0	138.9	131.8	124.5	117.8	110.7
140°	163.0	158.5	153.6	148.4	142.7	136.9	131.1	124.6	117.7	111.0	104.5
142.5°	153.3	148.9	144.3	139.3	134.2	128.5	122.7	116.5	110.2	103.9	97.5
145°	143.0	138.6	134.1	129.4	124.8	119.9	114.5	108.6	102.6	96.7	90.6
147.5°	132.4	128.3	124.0	119.4	115.0	110.5	105.6	100.2	94.6	89.2	83.6
150°	121.3	117.5	113.5	109.4	105.2	100.9	96.5	91.7	86.4	81.0	75.8
152.5°	109.6	106.3	102.8	99.1	95.2	91.2	87.0	82.6	78.0	73.1	68.1
155°	97.9	94.9	91.8	88.3	84.7	81.1	77.4	73.6	69.4	65.1	60.7
157.5°	85.8	83.3	80.6	77.7	74.4	71.0	67.6	64.2	60.6	56.9	53.0
160°	74.0	71.6	69.2	66.5	63.6	60.7	57.8	54.8	51.7	48.3	45.1
162.5°	61.8	60.0	58.0	55.7	53.1	50.3	47.6	45.2	42.7	40.1	37.4
165°	49.7	48.2	46.7	45.1	43.3	41.2	38.9	36.5	34.1	31.6	29.3
167.5°	38.2	37.0	35.7	34.3	32.9	31.3	29.6	27.9	26.2	24.6	22.9
170°	27.3	26.5	25.6	24.7	23.7	22.7	21.7	20.6	19.5	18.3	17.1
172.5°	18.2	17.6	17.0	16.3	15.5	14.7	13.9	13.0	12.1	11.2	10.3
175°	9.8	9.5	9.3	9.1	8.8	8.5	8.3	8.0	7.7	7.4	7.1
177.5°	5.5	5.4	5.3	5.2	5.1	5.0	4.9	4.7	4.6	4.4	4.3
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P232074

CATALOG NUMBER: FVS4WM-3-LD4-40-2HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
2.5°	4.1	4.0	3.8	3.6	3.5	3.3	3.1	2.9	2.7	2.6	2.4
5°	6.8	6.5	6.1	5.8	5.5	5.1	4.8	4.5	4.1	3.8	3.4
7.5°	9.0	8.7	8.3	7.9	7.5	7.0	6.6	6.1	5.6	5.1	4.6
10°	15.8	14.5	13.1	11.6	10.2	8.5	7.9	7.3	6.6	6.0	5.4
12.5°	21.2	19.5	17.7	16.0	14.2	12.4	10.6	8.7	7.2	6.5	5.8
15°	26.9	24.6	22.6	20.6	18.5	16.4	14.3	12.1	10.0	7.8	6.5
17.5°	34.5	31.6	28.5	25.5	22.8	20.5	18.0	15.5	12.9	10.4	7.7
20°	41.8	38.4	35.0	31.6	28.0	24.5	21.4	18.6	15.7	12.9	10.1
22.5°	49.0	45.0	41.1	37.3	33.4	29.5	25.5	21.5	18.3	15.1	11.9
25°	56.3	51.8	47.3	42.7	38.4	33.9	29.4	24.8	20.3	16.9	13.6
27.5°	63.2	58.3	53.4	48.4	43.4	38.5	33.6	28.8	23.9	18.7	15.5
30°	70.3	64.7	59.5	54.3	48.9	43.3	37.7	32.5	27.3	22.0	16.8
32.5°	77.7	71.8	66.0	59.7	54.0	47.9	41.6	35.0	29.6	24.1	18.7
35°	84.4	78.0	71.6	65.1	58.3	51.5	45.2	38.9	32.4	26.7	21.1
37.5°	90.9	84.0	76.8	69.9	63.0	56.4	49.8	42.6	35.7	29.1	23.1
40°	97.5	90.0	82.5	75.0	67.7	60.4	52.9	45.5	38.4	31.1	24.3
42.5°	103.3	95.6	87.8	79.9	72.1	64.3	56.5	48.9	41.3	33.8	26.2
45°	108.9	100.8	92.8	84.6	76.4	68.2	60.1	52.1	43.9	35.7	27.7
47.5°	114.4	106.2	97.8	89.1	80.5	71.9	63.5	55.1	46.3	37.4	29.3
50°	119.7	110.9	102.3	93.5	84.4	75.5	66.5	57.4	48.5	39.1	30.2
52.5°	124.1	115.1	106.4	97.3	88.2	78.5	68.8	59.3	50.0	40.5	31.2
55°	128.7	119.3	110.3	100.9	91.1	81.1	71.4	61.1	50.7	41.0	31.9
57.5°	132.5	123.0	113.8	103.9	94.3	83.8	73.5	62.4	51.8	41.9	32.5
60°	135.8	126.2	116.4	106.0	96.4	85.8	74.9	64.0	53.2	42.1	32.7
62.5°	138.9	129.1	118.7	108.8	98.7	87.5	76.0	64.4	53.6	42.8	33.3
65°	141.8	131.6	121.1	111.0	100.4	89.2	77.3	65.1	53.8	42.9	33.0
67.5°	144.3	134.0	122.8	112.4	101.8	90.8	78.2	66.3	54.2	43.4	33.2
70°	146.1	135.5	124.7	113.8	102.7	91.3	78.9	66.5	54.0	43.1	32.7
72.5°	147.4	137.3	126.2	115.1	104.2	92.5	80.5	66.8	54.8	42.9	32.0
75°	149.1	138.8	127.2	115.8	104.4	93.0	80.8	67.4	54.0	42.2	31.7
77.5°	150.4	139.3	127.6	116.2	104.7	93.1	81.2	69.0	54.9	42.0	30.9
80°	150.7	139.3	127.6	116.1	104.8	93.3	81.2	68.9	55.5	41.6	30.1
82.5°	150.8	139.1	127.6	116.0	104.1	92.1	80.1	68.0	56.1	42.7	29.5
85°	150.6	139.1	128.0	115.8	103.8	91.8	79.0	66.9	55.4	43.2	30.0
87.5°	150.5	139.3	128.1	115.5	103.3	91.5	78.5	66.4	53.7	41.7	29.8
90°	151.0	139.0	127.0	116.0	102.0	90.0	78.0	67.0	53.0	41.0	29.0
92.5°	150.5	139.3	128.1	115.5	103.3	91.5	78.5	66.4	53.7	41.7	29.8
95°	150.6	139.1	128.0	115.8	103.8	91.8	79.0	66.9	55.4	43.2	30.0
97.5°	150.8	139.1	127.6	116.0	104.1	92.1	80.1	68.0	56.1	42.7	29.5
100°	150.7	139.3	127.6	116.1	104.8	93.3	81.2	68.9	55.5	41.6	30.1
102.5°	150.4	139.3	127.6	116.2	104.7	93.1	81.2	69.0	54.9	42.0	30.9
105°	149.1	138.8	127.2	115.8	104.4	93.0	80.8	67.4	54.0	42.2	31.7
107.5°	147.4	137.3	126.2	115.1	104.2	92.5	80.5	66.8	54.8	42.9	32.0
110°	146.1	135.5	124.7	113.8	102.7	91.3	78.9	66.5	54.0	43.1	32.7



TEST NUMBER: P232074

CATALOG NUMBER: FVS4WM-3-LD4-40-2HI-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°	144.3	134.0	122.8	112.4	101.8	90.8	78.2	66.3	54.2	43.4	33.2
115°	141.8	131.6	121.1	111.0	100.4	89.2	77.3	65.1	53.8	42.9	33.0
117.5°	138.9	129.1	118.7	108.8	98.7	87.5	76.0	64.4	53.6	42.8	33.3
120°	135.8	126.2	116.4	106.0	96.4	85.8	74.9	64.0	53.2	42.1	32.7
122.5°	132.5	123.0	113.8	103.9	94.3	83.8	73.5	62.4	51.8	41.9	32.5
125°	128.7	119.3	110.3	100.9	91.1	81.1	71.4	61.1	50.7	41.0	31.9
127.5°	124.1	115.1	106.4	97.3	88.2	78.5	68.8	59.3	50.0	40.5	31.2
130°	119.7	110.9	102.3	93.5	84.4	75.5	66.5	57.4	48.5	39.1	30.2
132.5°	114.4	106.2	97.8	89.1	80.5	71.9	63.5	55.1	46.3	37.4	29.3
135°	108.9	100.8	92.8	84.6	76.4	68.2	60.1	52.1	43.9	35.7	27.7
137.5°	103.3	95.6	87.8	79.9	72.1	64.3	56.5	48.9	41.3	33.8	26.2
140°	97.5	90.0	82.5	75.0	67.7	60.4	52.9	45.5	38.4	31.1	24.3
142.5°	90.9	84.0	76.8	69.9	63.0	56.4	49.8	42.6	35.7	29.1	23.1
145°	84.4	78.0	71.6	65.1	58.3	51.5	45.2	38.9	32.4	26.7	21.1
147.5°	77.7	71.8	66.0	59.7	54.0	47.9	41.6	35.0	29.6	24.1	18.7
150°	70.3	64.7	59.5	54.3	48.9	43.3	37.7	32.5	27.3	22.0	16.8
152.5°	63.2	58.3	53.4	48.4	43.4	38.5	33.6	28.8	23.9	18.7	15.5
155°	56.3	51.8	47.3	42.7	38.4	33.9	29.4	24.8	20.3	16.9	13.6
157.5°	49.0	45.0	41.1	37.3	33.4	29.5	25.5	21.5	18.3	15.1	11.9
160°	41.8	38.4	35.0	31.6	28.0	24.5	21.4	18.6	15.7	12.9	10.1
162.5°	34.5	31.6	28.5	25.5	22.8	20.5	18.0	15.5	12.9	10.4	7.7
165°	26.9	24.6	22.6	20.6	18.5	16.4	14.3	12.1	10.0	7.8	6.5
167.5°	21.2	19.5	17.7	16.0	14.2	12.4	10.6	8.7	7.2	6.5	5.8
170°	15.8	14.5	13.1	11.6	10.2	8.5	7.9	7.3	6.6	6.0	5.4
172.5°	9.0	8.7	8.3	7.9	7.5	7.0	6.6	6.1	5.6	5.1	4.6
175°	6.8	6.5	6.1	5.8	5.5	5.1	4.8	4.5	4.1	3.8	3.4
177.5°	4.1	4.0	3.8	3.6	3.5	3.3	3.1	2.9	2.7	2.6	2.4
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: P232074

CATALOG NUMBER: FVS4WM-3-LD4-40-2HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
2.5°	2.2	2.0	1.8	1.6	1.4	1.2	1.0	1.2	1.4	1.6	1.8
5°	3.1	2.7	2.4	2.0	1.7	1.3	1.0	1.3	1.7	2.0	2.4
7.5°	4.1	3.6	3.1	2.6	2.1	1.5	1.0	1.5	2.1	2.6	3.1
10°	4.7	4.1	3.5	2.9	2.2	1.6	1.0	1.6	2.2	2.9	3.5
12.5°	5.1	4.4	3.7	3.0	2.3	1.7	1.0	1.7	2.3	3.0	3.7
15°	5.8	5.0	4.2	3.4	2.6	1.8	1.0	1.8	2.6	3.4	4.2
17.5°	5.9	5.0	4.2	3.4	2.6	1.8	1.0	1.8	2.6	3.4	4.2
20°	7.2	5.5	4.6	3.7	2.8	1.9	1.0	1.9	2.8	3.7	4.6
22.5°	8.8	5.6	4.4	3.5	2.7	1.8	1.0	1.8	2.7	3.5	4.4
25°	10.4	7.2	4.7	3.8	2.9	1.9	1.0	1.9	2.9	3.8	4.7
27.5°	11.9	8.3	4.6	3.4	2.6	1.8	1.0	1.8	2.6	3.4	4.6
30°	13.0	9.4	5.8	3.6	2.7	1.9	1.0	1.9	2.7	3.6	5.8
32.5°	14.0	10.2	6.4	3.0	2.3	1.6	1.0	1.6	2.3	3.0	6.4
35°	15.4	11.2	7.3	3.5	2.4	1.7	1.0	1.7	2.4	3.5	7.3
37.5°	17.0	11.6	7.6	3.6	1.8	1.4	1.0	1.4	1.8	3.6	7.6
40°	18.2	12.3	8.1	4.3	1.8	1.4	1.0	1.4	1.8	4.3	8.1
42.5°	19.6	13.3	8.2	4.7	1.9	1.5	1.0	1.5	1.9	4.7	8.2
45°	20.3	14.1	8.2	5.0	2.0	1.5	1.0	1.5	2.0	5.0	8.2
47.5°	21.6	14.9	8.9	4.9	1.6	1.0	1.0	1.0	1.6	4.9	8.9
50°	22.3	14.9	9.0	4.4	1.8	1.0	1.0	1.0	1.8	4.4	9.0
52.5°	22.7	15.1	9.1	4.0	1.9	1.0	1.0	1.0	1.9	4.0	9.1
55°	23.0	15.8	9.4	4.1	1.9	1.0	1.0	1.0	1.9	4.1	9.4
57.5°	23.9	16.3	9.5	4.8	2.1	1.0	1.0	1.0	2.1	4.8	9.5
60°	24.0	16.5	9.7	4.7	1.8	1.0	1.0	1.0	1.8	4.7	9.7
62.5°	24.2	16.1	9.2	4.2	1.9	1.0	1.0	1.0	1.9	4.2	9.2
65°	24.3	16.3	9.0	4.0	1.4	1.0	1.0	1.0	1.4	4.0	9.0
67.5°	24.3	16.2	9.1	4.2	1.5	1.0	1.0	1.0	1.5	4.2	9.1
70°	24.0	15.7	8.3	3.9	1.7	1.0	1.0	1.0	1.7	3.9	8.3
72.5°	23.3	15.3	8.4	3.7	1.4	1.0	1.0	1.0	1.4	3.7	8.4
75°	22.4	14.9	8.4	3.2	1.2	1.0	1.0	1.0	1.2	3.2	8.4
77.5°	21.1	13.0	7.1	2.5	0.5	0.1	0.0	0.1	0.5	2.5	7.1
80°	20.0	11.9	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0
82.5°	18.5	8.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	17.7	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	18.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	17.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	18.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	17.7	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	18.5	8.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	20.0	11.9	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0
102.5°	21.1	13.0	7.1	2.5	0.5	0.1	0.0	0.1	0.5	2.5	7.1
105°	22.4	14.9	8.4	3.2	1.2	1.0	1.0	1.0	1.2	3.2	8.4
107.5°	23.3	15.3	8.4	3.7	1.4	1.0	1.0	1.0	1.4	3.7	8.4
110°	24.0	15.7	8.3	3.9	1.7	1.0	1.0	1.0	1.7	3.9	8.3



TEST NUMBER: P232074

CATALOG NUMBER: FVS4WM-3-LD4-40-2HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	24.3	16.2	9.1	4.2	1.5	1.0	1.0	1.0	1.5	4.2	9.1
115°	24.3	16.3	9.0	4.0	1.4	1.0	1.0	1.0	1.4	4.0	9.0
117.5°	24.2	16.1	9.2	4.2	1.9	1.0	1.0	1.0	1.9	4.2	9.2
120°	24.0	16.5	9.7	4.7	1.8	1.0	1.0	1.0	1.8	4.7	9.7
122.5°	23.9	16.3	9.5	4.8	2.1	1.0	1.0	1.0	2.1	4.8	9.5
125°	23.0	15.8	9.4	4.1	1.9	1.0	1.0	1.0	1.9	4.1	9.4
127.5°	22.7	15.1	9.1	4.0	1.9	1.0	1.0	1.0	1.9	4.0	9.1
130°	22.3	14.9	9.0	4.4	1.8	1.0	1.0	1.0	1.8	4.4	9.0
132.5°	21.6	14.9	8.9	4.9	1.6	1.0	1.0	1.0	1.6	4.9	8.9
135°	20.3	14.1	8.2	5.0	2.0	1.5	1.0	1.5	2.0	5.0	8.2
137.5°	19.6	13.3	8.2	4.7	1.9	1.5	1.0	1.5	1.9	4.7	8.2
140°	18.2	12.3	8.1	4.3	1.8	1.4	1.0	1.4	1.8	4.3	8.1
142.5°	17.0	11.6	7.6	3.6	1.8	1.4	1.0	1.4	1.8	3.6	7.6
145°	15.4	11.2	7.3	3.5	2.4	1.7	1.0	1.7	2.4	3.5	7.3
147.5°	14.0	10.2	6.4	3.0	2.3	1.6	1.0	1.6	2.3	3.0	6.4
150°	13.0	9.4	5.8	3.6	2.7	1.9	1.0	1.9	2.7	3.6	5.8
152.5°	11.9	8.3	4.6	3.4	2.6	1.8	1.0	1.8	2.6	3.4	4.6
155°	10.4	7.2	4.7	3.8	2.9	1.9	1.0	1.9	2.9	3.8	4.7
157.5°	8.8	5.6	4.4	3.5	2.7	1.8	1.0	1.8	2.7	3.5	4.4
160°	7.2	5.5	4.6	3.7	2.8	1.9	1.0	1.9	2.8	3.7	4.6
162.5°	5.9	5.0	4.2	3.4	2.6	1.8	1.0	1.8	2.6	3.4	4.2
165°	5.8	5.0	4.2	3.4	2.6	1.8	1.0	1.8	2.6	3.4	4.2
167.5°	5.1	4.4	3.7	3.0	2.3	1.7	1.0	1.7	2.3	3.0	3.7
170°	4.7	4.1	3.5	2.9	2.2	1.6	1.0	1.6	2.2	2.9	3.5
172.5°	4.1	3.6	3.1	2.6	2.1	1.5	1.0	1.5	2.1	2.6	3.1
175°	3.1	2.7	2.4	2.0	1.7	1.3	1.0	1.3	1.7	2.0	2.4
177.5°	2.2	2.0	1.8	1.6	1.4	1.2	1.0	1.2	1.4	1.6	1.8
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: P232074

CATALOG NUMBER: FVS4WM-3-LD4-40-2HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
2.5°	2.0	2.2	2.4	2.6	2.7	2.9	3.1	3.3	3.5	3.6	3.8
5°	2.7	3.1	3.4	3.8	4.1	4.5	4.8	5.1	5.5	5.8	6.1
7.5°	3.6	4.1	4.6	5.1	5.6	6.1	6.6	7.0	7.5	7.9	8.3
10°	4.1	4.7	5.4	6.0	6.6	7.3	7.9	8.5	10.2	11.6	13.1
12.5°	4.4	5.1	5.8	6.5	7.2	8.7	10.6	12.4	14.2	16.0	17.7
15°	5.0	5.8	6.5	7.8	10.0	12.1	14.3	16.4	18.5	20.6	22.6
17.5°	5.0	5.9	7.7	10.4	12.9	15.5	18.0	20.5	22.8	25.5	28.5
20°	5.5	7.2	10.1	12.9	15.7	18.6	21.4	24.5	28.0	31.6	35.0
22.5°	5.6	8.8	11.9	15.1	18.3	21.5	25.5	29.5	33.4	37.3	41.1
25°	7.2	10.4	13.6	16.9	20.3	24.8	29.4	33.9	38.4	42.7	47.3
27.5°	8.3	11.9	15.5	18.7	23.9	28.8	33.6	38.5	43.4	48.4	53.4
30°	9.4	13.0	16.8	22.0	27.3	32.5	37.7	43.3	48.9	54.3	59.5
32.5°	10.2	14.0	18.7	24.1	29.6	35.0	41.6	47.9	54.0	59.7	66.0
35°	11.2	15.4	21.1	26.7	32.4	38.9	45.2	51.5	58.3	65.1	71.6
37.5°	11.6	17.0	23.1	29.1	35.7	42.6	49.8	56.4	63.0	69.9	76.8
40°	12.3	18.2	24.3	31.1	38.4	45.5	52.9	60.4	67.7	75.0	82.5
42.5°	13.3	19.6	26.2	33.8	41.3	48.9	56.5	64.3	72.1	79.9	87.8
45°	14.1	20.3	27.7	35.7	43.9	52.1	60.1	68.2	76.4	84.6	92.8
47.5°	14.9	21.6	29.3	37.4	46.3	55.1	63.5	71.9	80.5	89.1	97.8
50°	14.9	22.3	30.2	39.1	48.5	57.4	66.5	75.5	84.4	93.5	102.3
52.5°	15.1	22.7	31.2	40.5	50.0	59.3	68.8	78.5	88.2	97.3	106.4
55°	15.8	23.0	31.9	41.0	50.7	61.1	71.4	81.1	91.1	100.9	110.3
57.5°	16.3	23.9	32.5	41.9	51.8	62.4	73.5	83.8	94.3	103.9	113.8
60°	16.5	24.0	32.7	42.1	53.2	64.0	74.9	85.8	96.4	106.0	116.4
62.5°	16.1	24.2	33.3	42.8	53.6	64.4	76.0	87.5	98.7	108.8	118.7
65°	16.3	24.3	33.0	42.9	53.8	65.1	77.3	89.2	100.4	111.0	121.1
67.5°	16.2	24.3	33.2	43.4	54.2	66.3	78.2	90.8	101.8	112.4	122.8
70°	15.7	24.0	32.7	43.1	54.0	66.5	78.9	91.3	102.7	113.8	124.7
72.5°	15.3	23.3	32.0	42.9	54.8	66.8	80.5	92.5	104.2	115.1	126.2
75°	14.9	22.4	31.7	42.2	54.0	67.4	80.8	93.0	104.4	115.8	127.2
77.5°	13.0	21.1	30.9	42.0	54.9	69.0	81.2	93.1	104.7	116.2	127.6
80°	11.9	20.0	30.1	41.6	55.5	68.9	81.2	93.3	104.8	116.1	127.6
82.5°	8.8	18.5	29.5	42.7	56.1	68.0	80.1	92.1	104.1	116.0	127.6
85°	5.2	17.7	30.0	43.2	55.4	66.9	79.0	91.8	103.8	115.8	128.0
87.5°	1.6	18.0	29.8	41.7	53.7	66.4	78.5	91.5	103.3	115.5	128.1
90°	0.0	17.0	29.0	41.0	53.0	67.0	78.0	90.0	102.0	116.0	127.0
92.5°	1.6	18.0	29.8	41.7	53.7	66.4	78.5	91.5	103.3	115.5	128.1
95°	5.2	17.7	30.0	43.2	55.4	66.9	79.0	91.8	103.8	115.8	128.0
97.5°	8.8	18.5	29.5	42.7	56.1	68.0	80.1	92.1	104.1	116.0	127.6
100°	11.9	20.0	30.1	41.6	55.5	68.9	81.2	93.3	104.8	116.1	127.6
102.5°	13.0	21.1	30.9	42.0	54.9	69.0	81.2	93.1	104.7	116.2	127.6
105°	14.9	22.4	31.7	42.2	54.0	67.4	80.8	93.0	104.4	115.8	127.2
107.5°	15.3	23.3	32.0	42.9	54.8	66.8	80.5	92.5	104.2	115.1	126.2
110°	15.7	24.0	32.7	43.1	54.0	66.5	78.9	91.3	102.7	113.8	124.7



TEST NUMBER: P232074

CATALOG NUMBER: FVS4WM-3-LD4-40-2HI-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°	16.2	24.3	33.2	43.4	54.2	66.3	78.2	90.8	101.8	112.4	122.8
115°	16.3	24.3	33.0	42.9	53.8	65.1	77.3	89.2	100.4	111.0	121.1
117.5°	16.1	24.2	33.3	42.8	53.6	64.4	76.0	87.5	98.7	108.8	118.7
120°	16.5	24.0	32.7	42.1	53.2	64.0	74.9	85.8	96.4	106.0	116.4
122.5°	16.3	23.9	32.5	41.9	51.8	62.4	73.5	83.8	94.3	103.9	113.8
125°	15.8	23.0	31.9	41.0	50.7	61.1	71.4	81.1	91.1	100.9	110.3
127.5°	15.1	22.7	31.2	40.5	50.0	59.3	68.8	78.5	88.2	97.3	106.4
130°	14.9	22.3	30.2	39.1	48.5	57.4	66.5	75.5	84.4	93.5	102.3
132.5°	14.9	21.6	29.3	37.4	46.3	55.1	63.5	71.9	80.5	89.1	97.8
135°	14.1	20.3	27.7	35.7	43.9	52.1	60.1	68.2	76.4	84.6	92.8
137.5°	13.3	19.6	26.2	33.8	41.3	48.9	56.5	64.3	72.1	79.9	87.8
140°	12.3	18.2	24.3	31.1	38.4	45.5	52.9	60.4	67.7	75.0	82.5
142.5°	11.6	17.0	23.1	29.1	35.7	42.6	49.8	56.4	63.0	69.9	76.8
145°	11.2	15.4	21.1	26.7	32.4	38.9	45.2	51.5	58.3	65.1	71.6
147.5°	10.2	14.0	18.7	24.1	29.6	35.0	41.6	47.9	54.0	59.7	66.0
150°	9.4	13.0	16.8	22.0	27.3	32.5	37.7	43.3	48.9	54.3	59.5
152.5°	8.3	11.9	15.5	18.7	23.9	28.8	33.6	38.5	43.4	48.4	53.4
155°	7.2	10.4	13.6	16.9	20.3	24.8	29.4	33.9	38.4	42.7	47.3
157.5°	5.6	8.8	11.9	15.1	18.3	21.5	25.5	29.5	33.4	37.3	41.1
160°	5.5	7.2	10.1	12.9	15.7	18.6	21.4	24.5	28.0	31.6	35.0
162.5°	5.0	5.9	7.7	10.4	12.9	15.5	18.0	20.5	22.8	25.5	28.5
165°	5.0	5.8	6.5	7.8	10.0	12.1	14.3	16.4	18.5	20.6	22.6
167.5°	4.4	5.1	5.8	6.5	7.2	8.7	10.6	12.4	14.2	16.0	17.7
170°	4.1	4.7	5.4	6.0	6.6	7.3	7.9	8.5	10.2	11.6	13.1
172.5°	3.6	4.1	4.6	5.1	5.6	6.1	6.6	7.0	7.5	7.9	8.3
175°	2.7	3.1	3.4	3.8	4.1	4.5	4.8	5.1	5.5	5.8	6.1
177.5°	2.0	2.2	2.4	2.6	2.7	2.9	3.1	3.3	3.5	3.6	3.8
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: P232074

CATALOG NUMBER: FVS4WM-3-LD4-40-2HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
2.5°	4.0	4.1	4.3	4.4	4.6	4.7	4.9	5.0	5.1	5.2	5.3
5°	6.5	6.8	7.1	7.4	7.7	8.0	8.3	8.5	8.8	9.1	9.3
7.5°	8.7	9.0	10.3	11.2	12.1	13.0	13.9	14.7	15.5	16.3	17.0
10°	14.5	15.8	17.1	18.3	19.5	20.6	21.7	22.7	23.7	24.7	25.6
12.5°	19.5	21.2	22.9	24.6	26.2	27.9	29.6	31.3	32.9	34.3	35.7
15°	24.6	26.9	29.3	31.6	34.1	36.5	38.9	41.2	43.3	45.1	46.7
17.5°	31.6	34.5	37.4	40.1	42.7	45.2	47.6	50.3	53.1	55.7	58.0
20°	38.4	41.8	45.1	48.3	51.7	54.8	57.8	60.7	63.6	66.5	69.2
22.5°	45.0	49.0	53.0	56.9	60.6	64.2	67.6	71.0	74.4	77.7	80.6
25°	51.8	56.3	60.7	65.1	69.4	73.6	77.4	81.1	84.7	88.3	91.8
27.5°	58.3	63.2	68.1	73.1	78.0	82.6	87.0	91.2	95.2	99.1	102.8
30°	64.7	70.3	75.8	81.0	86.4	91.7	96.5	100.9	105.2	109.4	113.5
32.5°	71.8	77.7	83.6	89.2	94.6	100.2	105.6	110.5	115.0	119.4	124.0
35°	78.0	84.4	90.6	96.7	102.6	108.6	114.5	119.9	124.8	129.4	134.1
37.5°	84.0	90.9	97.5	103.9	110.2	116.5	122.7	128.5	134.2	139.3	144.3
40°	90.0	97.5	104.5	111.0	117.7	124.6	131.1	136.9	142.7	148.4	153.6
42.5°	95.6	103.3	110.7	117.8	124.5	131.8	138.9	145.0	150.9	156.9	162.6
45°	100.8	108.9	117.0	124.3	131.7	138.7	145.9	152.9	159.0	165.0	171.0
47.5°	106.2	114.4	122.5	130.1	138.4	145.8	152.8	160.0	166.6	172.7	179.2
50°	110.9	119.7	128.6	136.0	143.5	151.7	159.5	167.1	174.1	180.2	186.6
52.5°	115.1	124.1	133.0	141.5	149.3	157.2	165.2	173.0	180.4	187.4	194.1
55°	119.3	128.7	137.7	146.2	154.6	162.7	170.9	178.8	186.4	193.8	200.7
57.5°	123.0	132.5	141.8	150.5	159.6	167.9	176.1	184.4	192.1	199.8	207.2
60°	126.2	135.8	145.9	154.6	163.5	172.4	181.2	189.8	197.6	205.0	212.4
62.5°	129.1	138.9	148.9	158.6	167.7	176.6	185.3	194.3	202.7	210.2	217.7
65°	131.6	141.8	151.7	161.5	171.4	180.8	189.5	198.4	207.0	214.8	222.7
67.5°	134.0	144.3	154.4	164.2	174.5	184.5	193.6	202.2	210.9	219.1	227.2
70°	135.5	146.1	156.7	167.0	177.5	187.8	197.0	205.6	213.8	222.0	230.1
72.5°	137.3	147.4	158.7	169.1	179.4	189.2	198.9	208.3	216.9	225.0	233.1
75°	138.8	149.1	160.4	171.1	181.2	190.8	200.7	210.3	219.0	227.3	235.8
77.5°	139.3	150.4	161.5	172.2	182.4	192.5	202.6	212.3	221.1	229.4	238.1
80°	139.3	150.7	162.3	173.1	183.2	193.6	203.6	213.0	222.5	231.2	239.6
82.5°	139.1	150.8	162.1	173.7	183.9	194.7	204.6	213.9	223.6	232.5	240.8
85°	139.1	150.6	162.2	173.5	184.2	195.2	205.2	215.0	224.1	233.1	242.0
87.5°	139.3	150.5	162.5	173.5	184.5	195.2	205.5	215.5	224.1	233.5	242.1
90°	139.0	151.0	163.0	174.0	185.0	195.0	206.0	216.0	224.0	234.0	242.0
92.5°	139.3	150.5	162.5	173.5	184.5	195.2	205.5	215.5	224.1	233.5	242.1
95°	139.1	150.6	162.2	173.5	184.2	195.2	205.2	215.0	224.1	233.1	242.0
97.5°	139.1	150.8	162.1	173.7	183.9	194.7	204.6	213.9	223.6	232.5	240.8
100°	139.3	150.7	162.3	173.1	183.2	193.6	203.6	213.0	222.5	231.2	239.6
102.5°	139.3	150.4	161.5	172.2	182.4	192.5	202.6	212.3	221.1	229.4	238.1
105°	138.8	149.1	160.4	171.1	181.2	190.8	200.7	210.3	219.0	227.3	235.8
107.5°	137.3	147.4	158.7	169.1	179.4	189.2	198.9	208.3	216.9	225.0	233.1
110°	135.5	146.1	156.7	167.0	177.5	187.8	197.0	205.6	213.8	222.0	230.1



TEST NUMBER: P232074

CATALOG NUMBER: FVS4WM-3-LD4-40-2HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	134.0	144.3	154.4	164.2	174.5	184.5	193.6	202.2	210.9	219.1	227.2
115°	131.6	141.8	151.7	161.5	171.4	180.8	189.5	198.4	207.0	214.8	222.7
117.5°	129.1	138.9	148.9	158.6	167.7	176.6	185.3	194.3	202.7	210.2	217.7
120°	126.2	135.8	145.9	154.6	163.5	172.4	181.2	189.8	197.6	205.0	212.4
122.5°	123.0	132.5	141.8	150.5	159.6	167.9	176.1	184.4	192.1	199.8	207.2
125°	119.3	128.7	137.7	146.2	154.6	162.7	170.9	178.8	186.4	193.8	200.7
127.5°	115.1	124.1	133.0	141.5	149.3	157.2	165.2	173.0	180.4	187.4	194.1
130°	110.9	119.7	128.6	136.0	143.5	151.7	159.5	167.1	174.1	180.2	186.6
132.5°	106.2	114.4	122.5	130.1	138.4	145.8	152.8	160.0	166.6	172.7	179.2
135°	100.8	108.9	117.0	124.3	131.7	138.7	145.9	152.9	159.0	165.0	171.0
137.5°	95.6	103.3	110.7	117.8	124.5	131.8	138.9	145.0	150.9	156.9	162.6
140°	90.0	97.5	104.5	111.0	117.7	124.6	131.1	136.9	142.7	148.4	153.6
142.5°	84.0	90.9	97.5	103.9	110.2	116.5	122.7	128.5	134.2	139.3	144.3
145°	78.0	84.4	90.6	96.7	102.6	108.6	114.5	119.9	124.8	129.4	134.1
147.5°	71.8	77.7	83.6	89.2	94.6	100.2	105.6	110.5	115.0	119.4	124.0
150°	64.7	70.3	75.8	81.0	86.4	91.7	96.5	100.9	105.2	109.4	113.5
152.5°	58.3	63.2	68.1	73.1	78.0	82.6	87.0	91.2	95.2	99.1	102.8
155°	51.8	56.3	60.7	65.1	69.4	73.6	77.4	81.1	84.7	88.3	91.8
157.5°	45.0	49.0	53.0	56.9	60.6	64.2	67.6	71.0	74.4	77.7	80.6
160°	38.4	41.8	45.1	48.3	51.7	54.8	57.8	60.7	63.6	66.5	69.2
162.5°	31.6	34.5	37.4	40.1	42.7	45.2	47.6	50.3	53.1	55.7	58.0
165°	24.6	26.9	29.3	31.6	34.1	36.5	38.9	41.2	43.3	45.1	46.7
167.5°	19.5	21.2	22.9	24.6	26.2	27.9	29.6	31.3	32.9	34.3	35.7
170°	14.5	15.8	17.1	18.3	19.5	20.6	21.7	22.7	23.7	24.7	25.6
172.5°	8.7	9.0	10.3	11.2	12.1	13.0	13.9	14.7	15.5	16.3	17.0
175°	6.5	6.8	7.1	7.4	7.7	8.0	8.3	8.5	8.8	9.1	9.3
177.5°	4.0	4.1	4.3	4.4	4.6	4.7	4.9	5.0	5.1	5.2	5.3
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P232074

CATALOG NUMBER: FVS4WM-3-LD4-40-2HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
2.5°	5.4	5.5	5.6	5.7	5.8	5.8	5.9	5.9	6.0	6.0	6.5
5°	9.5	9.8	10.0	10.2	10.3	10.5	10.7	10.8	10.9	11.0	11.9
7.5°	17.6	18.2	18.8	19.4	20.0	20.5	20.9	21.4	21.7	22.0	23.3
10°	26.5	27.3	28.0	28.7	29.5	30.3	31.1	31.8	32.4	33.0	34.7
12.5°	37.0	38.2	39.4	40.4	41.4	42.5	43.5	44.5	45.3	46.0	48.2
15°	48.2	49.7	51.1	52.4	53.7	54.9	56.0	57.2	58.2	59.0	61.8
17.5°	60.0	61.8	63.6	65.3	66.8	68.2	69.5	70.8	72.0	73.0	76.4
20°	71.6	74.0	76.2	78.5	80.2	81.7	83.1	84.6	85.9	87.0	91.0
22.5°	83.3	85.8	88.5	90.9	93.1	94.8	96.3	97.9	99.6	101.0	105.1
25°	94.9	97.9	100.7	103.4	105.9	107.8	109.5	111.2	113.2	115.0	119.1
27.5°	106.3	109.6	112.7	115.6	118.2	120.5	122.5	124.3	126.5	128.5	133.5
30°	117.5	121.3	124.6	127.6	130.5	133.1	135.4	137.5	139.9	142.0	147.9
32.5°	128.3	132.4	136.1	139.4	142.4	145.1	147.6	149.8	152.2	154.5	160.8
35°	138.6	143.0	147.0	150.8	154.2	157.1	159.7	162.0	164.6	167.0	173.8
37.5°	148.9	153.3	157.6	161.6	165.5	168.3	170.9	173.4	176.1	179.0	185.9
40°	158.5	163.0	167.7	172.2	176.1	179.3	182.1	184.7	187.7	191.0	197.9
42.5°	168.0	172.6	177.3	182.0	186.0	189.6	192.5	195.3	198.3	201.5	209.2
45°	176.5	181.7	186.7	191.1	195.6	199.7	202.6	205.9	209.1	212.0	220.4
47.5°	185.1	190.4	195.7	200.3	204.8	209.0	211.9	215.2	218.6	222.0	230.7
50°	192.8	198.3	204.0	209.3	214.0	218.1	221.2	224.5	228.1	232.0	241.1
52.5°	200.5	206.1	211.8	217.2	222.1	226.3	229.8	233.1	236.4	240.5	249.9
55°	207.2	213.4	219.2	224.5	229.5	234.3	238.4	241.7	244.8	249.0	258.7
57.5°	213.9	220.2	226.2	231.5	236.6	241.5	245.5	248.8	252.2	256.5	266.5
60°	219.5	226.3	232.7	238.3	243.6	248.6	252.6	255.8	259.6	264.0	274.3
62.5°	224.9	231.8	238.1	244.2	249.5	254.4	258.7	262.1	265.6	270.5	281.1
65°	229.9	236.5	243.3	249.6	255.1	260.1	264.7	268.3	271.5	277.0	287.8
67.5°	234.5	241.1	247.7	254.2	260.0	264.9	269.6	273.3	276.4	282.0	293.0
70°	238.0	245.3	251.9	258.4	264.6	269.7	274.4	278.2	281.3	287.0	298.2
72.5°	241.1	248.7	255.4	261.7	268.1	273.1	277.9	281.7	285.2	290.5	301.9
75°	243.9	251.7	258.5	264.8	271.4	276.4	281.2	285.2	289.1	294.0	306.0
77.5°	246.2	253.8	260.6	267.1	273.8	278.8	284.1	287.6	291.6	296.5	308.5
80°	248.2	255.4	262.4	269.3	276.1	281.2	287.0	290.1	294.1	299.0	311.0
82.5°	249.4	256.7	263.7	270.7	277.2	282.6	288.1	291.5	295.0	300.5	312.0
85°	250.1	258.0	265.0	272.0	278.1	284.0	289.0	293.0	296.0	302.0	313.0
87.5°	250.1	258.1	265.5	272.0	278.5	284.0	289.5	293.5	296.5	302.5	314.0
90°	250.0	258.0	266.0	272.0	279.0	284.0	290.0	294.0	297.0	303.0	315.0
92.5°	250.1	258.1	265.5	272.0	278.5	284.0	289.5	293.5	296.5	302.5	314.0
95°	250.1	258.0	265.0	272.0	278.1	284.0	289.0	293.0	296.0	302.0	313.0
97.5°	249.4	256.7	263.7	270.7	277.2	282.6	288.1	291.5	295.0	300.5	312.0
100°	248.2	255.4	262.4	269.3	276.1	281.2	287.0	290.1	294.1	299.0	311.0
102.5°	246.2	253.8	260.6	267.1	273.8	278.8	284.1	287.6	291.6	296.5	308.5
105°	243.9	251.7	258.5	264.8	271.4	276.4	281.2	285.2	289.1	294.0	306.0
107.5°	241.1	248.7	255.4	261.7	268.1	273.1	277.9	281.7	285.2	290.5	301.9
110°	238.0	245.3	251.9	258.4	264.6	269.7	274.4	278.2	281.3	287.0	298.2



TEST NUMBER: P232074

CATALOG NUMBER: FVS4WM-3-LD4-40-2HI-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°	234.5	241.1	247.7	254.2	260.0	264.9	269.6	273.3	276.4	282.0	293.0
115°	229.9	236.5	243.3	249.6	255.1	260.1	264.7	268.3	271.5	277.0	287.8
117.5°	224.9	231.8	238.1	244.2	249.5	254.4	258.7	262.1	265.6	270.5	281.1
120°	219.5	226.3	232.7	238.3	243.6	248.6	252.6	255.8	259.6	264.0	274.3
122.5°	213.9	220.2	226.2	231.5	236.6	241.5	245.5	248.8	252.2	256.5	266.5
125°	207.2	213.4	219.2	224.5	229.5	234.3	238.4	241.7	244.8	249.0	258.7
127.5°	200.5	206.1	211.8	217.2	222.1	226.3	229.8	233.1	236.4	240.5	249.9
130°	192.8	198.3	204.0	209.3	214.0	218.1	221.2	224.5	228.1	232.0	241.1
132.5°	185.1	190.4	195.7	200.3	204.8	209.0	211.9	215.2	218.6	222.0	230.7
135°	176.5	181.7	186.7	191.1	195.6	199.7	202.6	205.9	209.1	212.0	220.4
137.5°	168.0	172.6	177.3	182.0	186.0	189.6	192.5	195.3	198.3	201.5	209.2
140°	158.5	163.0	167.7	172.2	176.1	179.3	182.1	184.7	187.7	191.0	197.9
142.5°	148.9	153.3	157.6	161.6	165.5	168.3	170.9	173.4	176.1	179.0	185.9
145°	138.6	143.0	147.0	150.8	154.2	157.1	159.7	162.0	164.6	167.0	173.8
147.5°	128.3	132.4	136.1	139.4	142.4	145.1	147.6	149.8	152.2	154.5	160.8
150°	117.5	121.3	124.6	127.6	130.5	133.1	135.4	137.5	139.9	142.0	147.9
152.5°	106.3	109.6	112.7	115.6	118.2	120.5	122.5	124.3	126.5	128.5	133.5
155°	94.9	97.9	100.7	103.4	105.9	107.8	109.5	111.2	113.2	115.0	119.1
157.5°	83.3	85.8	88.5	90.9	93.1	94.8	96.3	97.9	99.6	101.0	105.1
160°	71.6	74.0	76.2	78.5	80.2	81.7	83.1	84.6	85.9	87.0	91.0
162.5°	60.0	61.8	63.6	65.3	66.8	68.2	69.5	70.8	72.0	73.0	76.4
165°	48.2	49.7	51.1	52.4	53.7	54.9	56.0	57.2	58.2	59.0	61.8
167.5°	37.0	38.2	39.4	40.4	41.4	42.5	43.5	44.5	45.3	46.0	48.2
170°	26.5	27.3	28.0	28.7	29.5	30.3	31.1	31.8	32.4	33.0	34.7
172.5°	17.6	18.2	18.8	19.4	20.0	20.5	20.9	21.4	21.7	22.0	23.3
175°	9.5	9.8	10.0	10.2	10.3	10.5	10.7	10.8	10.9	11.0	11.9
177.5°	5.4	5.5	5.6	5.7	5.8	5.8	5.9	5.9	6.0	6.0	6.5
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: P232074

CATALOG NUMBER: FVS4WM-3-LD4-40-2HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
2.5°	6.9	7.4	7.8	8.3	8.7	9.1	9.5	9.8	10.2	10.5	10.8
5°	12.9	13.8	14.7	15.5	16.3	17.1	17.9	18.7	19.4	20.0	20.7
7.5°	24.6	25.8	27.0	28.0	29.1	30.0	31.2	33.4	35.6	37.6	39.5
10°	36.3	37.8	39.3	40.6	42.3	45.8	49.1	52.3	55.3	58.1	60.9
12.5°	50.3	52.2	54.1	56.7	60.9	64.9	68.8	72.5	76.9	81.7	86.2
15°	64.4	66.9	69.5	74.5	79.3	83.9	88.7	95.6	102.1	108.2	114.8
17.5°	79.6	82.5	87.4	93.1	98.5	104.6	112.8	120.7	128.4	135.8	142.7
20°	94.8	98.6	105.3	111.8	118.4	127.7	136.8	145.7	154.7	163.3	171.4
22.5°	109.0	114.4	122.2	129.7	139.7	150.4	160.6	171.3	181.6	191.8	203.0
25°	123.0	130.1	138.9	148.5	161.2	173.4	185.4	197.0	209.0	222.4	235.0
27.5°	138.1	147.1	156.7	168.8	182.2	195.7	209.2	222.7	238.4	253.5	266.8
30°	153.5	164.2	174.8	188.4	202.7	217.5	232.6	249.4	266.2	281.5	295.9
32.5°	167.7	179.1	191.4	206.4	222.1	239.3	256.9	275.1	292.5	308.7	325.5
35°	181.7	193.7	207.9	224.2	242.3	261.7	280.0	299.2	318.1	336.6	355.6
37.5°	195.0	208.3	224.5	241.8	261.6	281.7	302.4	323.5	346.0	364.5	384.3
40°	208.3	223.0	240.8	259.6	279.9	302.2	324.9	347.5	369.4	390.6	412.3
42.5°	220.8	236.2	255.2	275.7	297.5	322.1	346.7	371.1	393.5	416.2	439.2
45°	233.0	249.4	269.0	291.4	315.2	340.4	367.3	392.8	416.5	440.7	464.7
47.5°	244.7	262.3	282.2	306.4	332.2	359.0	387.6	413.9	438.9	465.5	489.0
50°	256.3	275.0	295.4	321.0	349.0	377.2	405.3	432.4	459.4	486.0	512.2
52.5°	265.6	285.2	307.6	334.6	364.4	393.7	422.3	450.8	479.5	506.7	533.5
55°	274.7	295.0	319.4	348.0	378.2	409.5	439.4	468.4	497.4	526.2	554.5
57.5°	283.3	304.6	330.4	360.0	390.6	424.2	455.1	484.9	514.8	545.3	575.7
60°	291.8	314.1	341.0	371.0	402.5	437.4	468.8	500.6	532.2	562.9	591.6
62.5°	298.9	322.9	350.8	381.5	414.6	449.2	482.0	515.6	548.7	578.5	607.5
65°	305.9	331.7	360.0	392.0	426.2	460.3	494.1	527.4	561.3	592.6	622.3
67.5°	311.6	338.2	367.7	401.1	435.7	470.4	505.0	538.8	573.1	606.3	635.2
70°	317.3	344.3	375.1	409.5	444.1	479.5	515.1	549.9	583.6	616.6	648.2
72.5°	321.9	349.2	380.4	415.6	451.6	487.6	523.7	559.4	593.1	627.1	660.5
75°	326.4	353.8	385.2	421.0	458.8	494.9	530.5	567.4	601.9	635.4	668.3
77.5°	329.9	357.8	389.6	426.1	463.6	500.1	536.6	574.1	608.7	642.1	675.5
80°	334.0	361.6	393.8	430.8	467.3	504.5	542.3	579.1	613.1	647.6	681.2
82.5°	335.0	364.0	397.9	433.3	470.4	507.1	546.4	582.1	616.8	651.7	685.4
85°	336.0	365.0	399.9	436.0	473.9	510.0	550.8	585.0	620.2	654.3	688.1
87.5°	336.5	364.5	399.0	436.0	475.0	511.0	550.5	585.9	621.6	657.3	690.0
90°	337.0	364.0	398.0	436.0	476.0	512.0	550.0	587.0	621.0	659.0	690.0
92.5°	336.5	364.5	399.0	436.0	475.0	511.0	550.5	585.9	621.6	657.3	690.0
95°	336.0	365.0	399.9	436.0	473.9	510.0	550.8	585.0	620.2	654.3	688.1
97.5°	335.0	364.0	397.9	433.3	470.4	507.1	546.4	582.1	616.8	651.7	685.4
100°	334.0	361.6	393.8	430.8	467.3	504.5	542.3	579.1	613.1	647.6	681.2
102.5°	329.9	357.8	389.6	426.1	463.6	500.1	536.6	574.1	608.7	642.1	675.5
105°	326.4	353.8	385.2	421.0	458.8	494.9	530.5	567.4	601.9	635.4	668.3
107.5°	321.9	349.2	380.4	415.6	451.6	487.6	523.7	559.4	593.1	627.1	660.5
110°	317.3	344.3	375.1	409.5	444.1	479.5	515.1	549.9	583.6	616.6	648.2



TEST NUMBER: P232074

CATALOG NUMBER: FVS4WM-3-LD4-40-2HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	311.6	338.2	367.7	401.1	435.7	470.4	505.0	538.8	573.1	606.3	635.2
115°	305.9	331.7	360.0	392.0	426.2	460.3	494.1	527.4	561.3	592.6	622.3
117.5°	298.9	322.9	350.8	381.5	414.6	449.2	482.0	515.6	548.7	578.5	607.5
120°	291.8	314.1	341.0	371.0	402.5	437.4	468.8	500.6	532.2	562.9	591.6
122.5°	283.3	304.6	330.4	360.0	390.6	424.2	455.1	484.9	514.8	545.3	575.7
125°	274.7	295.0	319.4	348.0	378.2	409.5	439.4	468.4	497.4	526.2	554.5
127.5°	265.6	285.2	307.6	334.6	364.4	393.7	422.3	450.8	479.5	506.7	533.5
130°	256.3	275.0	295.4	321.0	349.0	377.2	405.3	432.4	459.4	486.0	512.2
132.5°	244.7	262.3	282.2	306.4	332.2	359.0	387.6	413.9	438.9	465.5	489.0
135°	233.0	249.4	269.0	291.4	315.2	340.4	367.3	392.8	416.5	440.7	464.7
137.5°	220.8	236.2	255.2	275.7	297.5	322.1	346.7	371.1	393.5	416.2	439.2
140°	208.3	223.0	240.8	259.6	279.9	302.2	324.9	347.5	369.4	390.6	412.3
142.5°	195.0	208.3	224.5	241.8	261.6	281.7	302.4	323.5	346.0	364.5	384.3
145°	181.7	193.7	207.9	224.2	242.3	261.7	280.0	299.2	318.1	336.6	355.6
147.5°	167.7	179.1	191.4	206.4	222.1	239.3	256.9	275.1	292.5	308.7	325.5
150°	153.5	164.2	174.8	188.4	202.7	217.5	232.6	249.4	266.2	281.5	295.9
152.5°	138.1	147.1	156.7	168.8	182.2	195.7	209.2	222.7	238.4	253.5	266.8
155°	123.0	130.1	138.9	148.5	161.2	173.4	185.4	197.0	209.0	222.4	235.0
157.5°	109.0	114.4	122.2	129.7	139.7	150.4	160.6	171.3	181.6	191.8	203.0
160°	94.8	98.6	105.3	111.8	118.4	127.7	136.8	145.7	154.7	163.3	171.4
162.5°	79.6	82.5	87.4	93.1	98.5	104.6	112.8	120.7	128.4	135.8	142.7
165°	64.4	66.9	69.5	74.5	79.3	83.9	88.7	95.6	102.1	108.2	114.8
167.5°	50.3	52.2	54.1	56.7	60.9	64.9	68.8	72.5	76.9	81.7	86.2
170°	36.3	37.8	39.3	40.6	42.3	45.8	49.1	52.3	55.3	58.1	60.9
172.5°	24.6	25.8	27.0	28.0	29.1	30.0	31.2	33.4	35.6	37.6	39.5
175°	12.9	13.8	14.7	15.5	16.3	17.1	17.9	18.7	19.4	20.0	20.7
177.5°	6.9	7.4	7.8	8.3	8.7	9.1	9.5	9.8	10.2	10.5	10.8
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: P232074

CATALOG NUMBER: FVS4WM-3-LD4-40-2HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
2.5°	11.1	11.4	11.7	11.9	12.1	12.3	12.5	12.6	12.8	12.9	13.0
5°	22.1	23.4	24.7	26.0	27.2	28.3	29.3	30.3	31.2	32.0	32.8
7.5°	41.3	43.0	44.5	45.8	47.3	49.2	50.7	53.1	55.2	57.2	58.9
10°	64.2	67.6	70.8	73.8	76.6	79.3	81.7	84.3	87.0	89.3	91.4
12.5°	90.4	94.2	98.0	103.0	107.7	112.1	116.1	119.8	123.1	126.4	129.6
15°	119.8	125.6	131.1	136.5	141.8	147.3	152.3	157.0	161.7	166.0	170.0
17.5°	149.2	156.5	163.4	170.8	177.8	184.2	190.6	196.7	202.2	207.2	211.9
20°	180.5	189.7	198.3	206.8	215.1	223.5	231.1	238.1	244.3	250.0	255.1
22.5°	213.6	224.1	235.0	245.2	255.1	263.0	270.7	278.0	285.2	291.8	297.3
25°	247.4	259.7	273.4	282.3	291.9	301.1	310.5	319.4	327.7	334.9	340.4
27.5°	279.7	292.9	306.0	317.9	329.2	339.9	352.0	359.4	367.5	374.7	381.3
30°	311.0	326.8	341.5	354.7	367.1	378.1	388.3	398.1	407.2	415.6	424.3
32.5°	343.1	359.7	375.2	389.9	402.3	413.8	425.5	436.5	446.5	455.2	463.8
35°	374.0	391.2	408.0	423.7	437.5	450.2	462.7	474.4	485.2	494.7	502.7
37.5°	403.9	422.6	441.0	457.6	471.3	485.2	499.4	511.8	522.5	534.0	540.8
40°	433.5	453.0	471.4	487.7	504.0	520.9	535.2	547.3	558.6	568.6	577.8
42.5°	460.9	481.5	500.4	518.2	536.0	552.3	567.2	580.8	594.3	604.0	614.7
45°	487.8	508.9	529.1	548.6	566.2	583.0	598.6	613.2	626.2	637.6	647.6
47.5°	512.7	535.1	557.2	577.3	594.8	612.3	629.1	645.2	658.4	669.7	680.0
50°	536.9	560.3	582.7	603.1	621.9	640.3	657.3	673.5	689.1	700.0	710.8
52.5°	559.6	584.0	606.8	628.3	648.3	666.6	684.3	701.8	715.0	728.0	740.0
55°	581.3	606.2	630.0	651.0	672.2	692.9	711.0	726.8	741.3	754.8	766.2
57.5°	599.9	626.0	650.4	674.0	696.0	715.8	734.4	751.3	765.8	779.5	792.1
60°	617.4	647.0	671.2	694.6	716.7	737.0	755.9	773.2	788.7	803.4	816.5
62.5°	635.9	664.2	689.5	713.7	736.2	756.7	776.0	794.3	810.0	824.6	838.1
65°	651.7	680.1	706.2	730.6	753.8	774.9	794.7	813.1	829.3	844.1	858.3
67.5°	664.9	695.0	721.0	746.2	769.9	791.7	811.8	830.0	847.0	862.2	876.3
70°	677.8	708.4	734.3	760.9	784.8	806.9	826.7	844.9	862.4	878.0	892.8
72.5°	689.4	718.3	746.3	773.0	797.1	821.2	840.9	859.1	876.9	893.0	907.8
75°	698.3	727.5	756.3	782.7	806.9	830.5	851.2	871.2	889.9	905.5	920.0
77.5°	705.9	735.8	763.9	790.8	815.9	838.7	860.3	880.6	898.1	915.4	930.8
80°	711.8	742.1	770.0	797.2	822.8	845.7	867.5	887.5	906.1	923.4	939.0
82.5°	716.6	746.8	775.0	801.6	828.1	851.2	872.2	893.1	911.8	929.0	945.0
85°	719.9	749.2	778.5	804.8	830.3	853.9	875.5	896.4	914.6	932.7	948.0
87.5°	721.6	751.8	781.4	807.3	832.6	856.0	878.3	898.4	916.2	934.9	949.9
90°	721.0	753.0	782.0	808.0	834.0	856.0	879.0	900.0	917.0	934.0	949.0
92.5°	721.6	751.8	781.4	807.3	832.6	856.0	878.3	898.4	916.2	934.9	949.9
95°	719.9	749.2	778.5	804.8	830.3	853.9	875.5	896.4	914.6	932.7	948.0
97.5°	716.6	746.8	775.0	801.6	828.1	851.2	872.2	893.1	911.8	929.0	945.0
100°	711.8	742.1	770.0	797.2	822.8	845.7	867.5	887.5	906.1	923.4	939.0
102.5°	705.9	735.8	763.9	790.8	815.9	838.7	860.3	880.6	898.1	915.4	930.8
105°	698.3	727.5	756.3	782.7	806.9	830.5	851.2	871.2	889.9	905.5	920.0
107.5°	689.4	718.3	746.3	773.0	797.1	821.2	840.9	859.1	876.9	893.0	907.8
110°	677.8	708.4	734.3	760.9	784.8	806.9	826.7	844.9	862.4	878.0	892.8



TEST NUMBER: P232074

CATALOG NUMBER: FVS4WM-3-LD4-40-2HI-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°	664.9	695.0	721.0	746.2	769.9	791.7	811.8	830.0	847.0	862.2	876.3
115°	651.7	680.1	706.2	730.6	753.8	774.9	794.7	813.1	829.3	844.1	858.3
117.5°	635.9	664.2	689.5	713.7	736.2	756.7	776.0	794.3	810.0	824.6	838.1
120°	617.4	647.0	671.2	694.6	716.7	737.0	755.9	773.2	788.7	803.4	816.5
122.5°	599.9	626.0	650.4	674.0	696.0	715.8	734.4	751.3	765.8	779.5	792.1
125°	581.3	606.2	630.0	651.0	672.2	692.9	711.0	726.8	741.3	754.8	766.2
127.5°	559.6	584.0	606.8	628.3	648.3	666.6	684.3	701.8	715.0	728.0	740.0
130°	536.9	560.3	582.7	603.1	621.9	640.3	657.3	673.5	689.1	700.0	710.8
132.5°	512.7	535.1	557.2	577.3	594.8	612.3	629.1	645.2	658.4	669.7	680.0
135°	487.8	508.9	529.1	548.6	566.2	583.0	598.6	613.2	626.2	637.6	647.6
137.5°	460.9	481.5	500.4	518.2	536.0	552.3	567.2	580.8	594.3	604.0	614.7
140°	433.5	453.0	471.4	487.7	504.0	520.9	535.2	547.3	558.6	568.6	577.8
142.5°	403.9	422.6	441.0	457.6	471.3	485.2	499.4	511.8	522.5	534.0	540.8
145°	374.0	391.2	408.0	423.7	437.5	450.2	462.7	474.4	485.2	494.7	502.7
147.5°	343.1	359.7	375.2	389.9	402.3	413.8	425.5	436.5	446.5	455.2	463.8
150°	311.0	326.8	341.5	354.7	367.1	378.1	388.3	398.1	407.2	415.6	424.3
152.5°	279.7	292.9	306.0	317.9	329.2	339.9	352.0	359.4	367.5	374.7	381.3
155°	247.4	259.7	273.4	282.3	291.9	301.1	310.5	319.4	327.7	334.9	340.4
157.5°	213.6	224.1	235.0	245.2	255.1	263.0	270.7	278.0	285.2	291.8	297.3
160°	180.5	189.7	198.3	206.8	215.1	223.5	231.1	238.1	244.3	250.0	255.1
162.5°	149.2	156.5	163.4	170.8	177.8	184.2	190.6	196.7	202.2	207.2	211.9
165°	119.8	125.6	131.1	136.5	141.8	147.3	152.3	157.0	161.7	166.0	170.0
167.5°	90.4	94.2	98.0	103.0	107.7	112.1	116.1	119.8	123.1	126.4	129.6
170°	64.2	67.6	70.8	73.8	76.6	79.3	81.7	84.3	87.0	89.3	91.4
172.5°	41.3	43.0	44.5	45.8	47.3	49.2	50.7	53.1	55.2	57.2	58.9
175°	22.1	23.4	24.7	26.0	27.2	28.3	29.3	30.3	31.2	32.0	32.8
177.5°	11.1	11.4	11.7	11.9	12.1	12.3	12.5	12.6	12.8	12.9	13.0
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: P232074

CATALOG NUMBER: FVS4WM-3-LD4-40-2HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
2.5°	13.0	13.1	13.1	13.1	13.0	13.0	13.3	13.1	12.9	12.7	12.4
5°	33.5	34.1	34.6	35.0	35.3	35.6	35.8	35.9	36.6	36.2	35.8
7.5°	60.4	61.8	62.9	63.9	64.6	65.2	65.6	65.8	65.8	66.4	65.6
10°	93.0	95.4	97.4	99.2	100.7	102.0	103.0	103.7	104.2	105.6	104.8
12.5°	132.4	134.9	137.0	139.1	141.3	143.2	144.6	145.5	146.1	146.2	146.7
15°	173.7	176.8	179.4	181.4	182.8	184.5	186.3	187.6	188.4	188.8	189.7
17.5°	216.1	219.8	222.9	225.4	227.4	228.8	230.1	231.6	232.3	232.4	233.1
20°	259.7	263.7	267.0	269.9	272.5	274.6	276.2	277.6	278.6	278.8	279.7
22.5°	301.8	305.1	308.4	313.2	316.7	319.0	320.2	320.3	321.5	322.5	324.3
25°	345.8	351.0	355.9	359.4	361.8	363.6	364.6	364.9	365.2	366.0	365.9
27.5°	387.7	393.5	398.2	401.7	403.7	406.5	408.1	408.9	408.8	410.0	410.6
30°	429.9	435.5	440.3	444.0	446.7	448.6	450.5	451.4	451.2	451.2	451.2
32.5°	470.9	476.6	481.3	485.7	488.4	489.8	490.8	492.1	492.6	492.4	492.4
35°	509.7	516.0	520.9	524.6	527.3	529.2	530.0	531.1	531.2	529.8	530.2
37.5°	548.1	554.6	560.0	564.2	567.2	569.1	569.9	569.9	569.4	567.7	567.4
40°	586.3	593.6	598.8	602.6	605.4	607.1	607.7	606.8	606.4	605.3	604.3
42.5°	623.0	629.5	634.9	638.7	641.7	643.9	644.0	642.9	641.6	640.1	637.8
45°	656.3	663.4	668.8	673.1	676.5	679.6	678.0	676.9	674.9	674.0	672.0
47.5°	689.3	696.1	702.0	706.8	709.5	710.3	710.2	709.7	707.8	706.2	704.0
50°	719.4	727.0	734.7	739.7	742.3	744.0	744.3	742.7	739.8	737.1	735.5
52.5°	749.2	759.7	766.5	770.8	773.4	774.5	774.9	773.4	770.7	767.8	766.3
55°	775.8	786.2	793.5	797.9	800.7	803.0	803.8	802.2	799.5	796.2	794.6
57.5°	803.3	812.1	818.6	824.6	829.7	831.3	831.9	830.4	826.9	823.3	820.9
60°	827.3	836.1	844.3	850.9	855.6	857.8	858.3	857.3	853.6	849.5	845.9
62.5°	848.9	859.4	868.2	875.2	879.7	881.2	882.5	881.7	878.3	873.7	869.7
65°	869.8	880.3	889.5	895.9	901.7	904.3	904.8	903.8	900.9	895.6	892.0
67.5°	889.4	899.8	908.4	915.1	920.8	924.3	925.2	924.4	921.6	916.4	911.6
70°	905.1	916.3	925.4	932.7	938.4	942.7	943.7	942.9	940.9	935.6	929.4
72.5°	920.2	931.8	941.6	947.7	953.3	957.3	959.4	959.1	957.1	952.1	945.8
75°	933.2	944.6	953.9	961.0	966.6	969.8	971.6	972.7	970.8	967.0	960.4
77.5°	944.2	955.4	964.0	971.4	976.7	980.2	982.1	983.2	982.3	979.8	973.1
80°	952.5	964.0	972.9	980.8	985.8	988.9	990.6	991.1	990.3	989.0	984.0
82.5°	958.7	969.6	979.1	986.7	991.9	994.8	996.7	996.8	995.8	993.8	992.6
85°	961.9	973.1	982.9	989.7	994.9	998.2	1000.0	1000.3	999.1	997.4	995.3
87.5°	964.0	974.6	983.9	990.1	995.3	998.5	999.9	1000.4	999.2	997.2	995.1
90°	964.0	974.1	983.1	990.1	994.1	997.1	998.1	998.1	996.1	992.1	988.1
92.5°	964.0	974.6	983.9	990.1	995.3	998.5	999.9	1000.4	999.2	997.2	995.1
95°	961.9	973.1	982.9	989.7	994.9	998.2	1000.0	1000.3	999.1	997.4	995.3
97.5°	958.7	969.6	979.1	986.7	991.9	994.8	996.7	996.8	995.8	993.8	992.6
100°	952.5	964.0	972.9	980.8	985.8	988.9	990.6	991.1	990.3	989.0	984.0
102.5°	944.2	955.4	964.0	971.4	976.7	980.2	982.1	983.2	982.3	979.8	973.1
105°	933.2	944.6	953.9	961.0	966.6	969.8	971.6	972.7	970.8	967.0	960.4
107.5°	920.2	931.8	941.6	947.7	953.3	957.3	959.4	959.1	957.1	952.1	945.8
110°	905.1	916.3	925.4	932.7	938.4	942.7	943.7	942.9	940.9	935.6	929.4



TEST NUMBER: P232074

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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°	889.4	899.8	908.4	915.1	920.8	924.3	925.2	924.4	921.6	916.4	911.6
115°	869.8	880.3	889.5	895.9	901.7	904.3	904.8	903.8	900.9	895.6	892.0
117.5°	848.9	859.4	868.2	875.2	879.7	881.2	882.5	881.7	878.3	873.7	869.7
120°	827.3	836.1	844.3	850.9	855.6	857.8	858.3	857.3	853.6	849.5	845.9
122.5°	803.3	812.1	818.6	824.6	829.7	831.3	831.9	830.4	826.9	823.3	820.9
125°	775.8	786.2	793.5	797.9	800.7	803.0	803.8	802.2	799.5	796.2	794.6
127.5°	749.2	759.7	766.5	770.8	773.4	774.5	774.9	773.4	770.7	767.8	766.3
130°	719.4	727.0	734.7	739.7	742.3	744.0	744.3	742.7	739.8	737.1	735.5
132.5°	689.3	696.1	702.0	706.8	709.5	710.3	710.2	709.7	707.8	706.2	704.0
135°	656.3	663.4	668.8	673.1	676.5	679.6	678.0	676.9	674.9	674.0	672.0
137.5°	623.0	629.5	634.9	638.7	641.7	643.9	644.0	642.9	641.6	640.1	637.8
140°	586.3	593.6	598.8	602.6	605.4	607.1	607.7	606.8	606.4	605.3	604.3
142.5°	548.1	554.6	560.0	564.2	567.2	569.1	569.9	569.9	569.4	567.7	567.4
145°	509.7	516.0	520.9	524.6	527.3	529.2	530.0	531.1	531.2	529.8	530.2
147.5°	470.9	476.6	481.3	485.7	488.4	489.8	490.8	492.1	492.6	492.4	492.4
150°	429.9	435.5	440.3	444.0	446.7	448.6	450.5	451.4	451.2	451.2	451.2
152.5°	387.7	393.5	398.2	401.7	403.7	406.5	408.1	408.9	408.8	410.0	410.6
155°	345.8	351.0	355.9	359.4	361.8	363.6	364.6	364.9	365.2	366.0	365.9
157.5°	301.8	305.1	308.4	313.2	316.7	319.0	320.2	320.3	321.5	322.5	324.3
160°	259.7	263.7	267.0	269.9	272.5	274.6	276.2	277.6	278.6	278.8	279.7
162.5°	216.1	219.8	222.9	225.4	227.4	228.8	230.1	231.6	232.3	232.4	233.1
165°	173.7	176.8	179.4	181.4	182.8	184.5	186.3	187.6	188.4	188.8	189.7
167.5°	132.4	134.9	137.0	139.1	141.3	143.2	144.6	145.5	146.1	146.2	146.7
170°	93.0	95.4	97.4	99.2	100.7	102.0	103.0	103.7	104.2	105.6	104.8
172.5°	60.4	61.8	62.9	63.9	64.6	65.2	65.6	65.8	65.8	66.4	65.6
175°	33.5	34.1	34.6	35.0	35.3	35.6	35.8	35.9	36.6	36.2	35.8
177.5°	13.0	13.1	13.1	13.1	13.0	13.0	13.3	13.1	12.9	12.7	12.4
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: P232074

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CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	1.0	1.0
2.5°	12.2	12.0
5°	35.4	35.0
7.5°	64.8	64.0
10°	103.9	103.0
12.5°	145.3	144.0
15°	188.3	187.0
17.5°	231.0	229.0
20°	277.4	275.0
22.5°	322.7	321.0
25°	365.3	363.0
27.5°	410.8	409.0
30°	450.6	448.0
32.5°	491.9	489.0
35°	530.7	529.0
37.5°	567.9	566.0
40°	604.5	602.0
42.5°	637.7	635.0
45°	672.5	670.0
47.5°	705.1	704.0
50°	735.0	732.0
52.5°	766.0	764.0
55°	794.4	793.0
57.5°	820.8	820.0
60°	845.7	844.0
62.5°	868.0	869.0
65°	891.1	891.0
67.5°	910.4	911.0
70°	927.4	929.0
72.5°	943.9	945.0
75°	957.1	960.0
77.5°	968.4	973.1
80°	978.8	982.1
82.5°	987.1	990.1
85°	994.8	995.1
87.5°	996.1	999.1
90°	985.1	994.1
92.5°	996.1	999.1
95°	994.8	995.1
97.5°	987.1	990.1
100°	978.8	982.1
102.5°	968.4	973.1
105°	957.1	960.0
107.5°	943.9	945.0
110°	927.4	929.0



TEST NUMBER: P232074

CATALOG NUMBER: FVS4WM-3-LD4-40-2HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	910.4	911.0
115°	891.1	891.0
117.5°	868.0	869.0
120°	845.7	844.0
122.5°	820.8	820.0
125°	794.4	793.0
127.5°	766.0	764.0
130°	735.0	732.0
132.5°	705.1	704.0
135°	672.5	670.0
137.5°	637.7	635.0
140°	604.5	602.0
142.5°	567.9	566.0
145°	530.7	529.0
147.5°	491.9	489.0
150°	450.6	448.0
152.5°	410.8	409.0
155°	365.3	363.0
157.5°	322.7	321.0
160°	277.4	275.0
162.5°	231.0	229.0
165°	188.3	187.0
167.5°	145.3	144.0
170°	103.9	103.0
172.5°	64.8	64.0
175°	35.4	35.0
177.5°	12.2	12.0
180°	1.0	1.0

(END OF REPORT)