

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: P232075

Luminaire Tested: **FVS4WM-3-LD4-50-2HI-PFS125-UNV-EDC1**

Issue Date: 3/3/2020



Test Information

Test Method: LM-79-08
Report Number: P232075
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-LD4-50-2HI-PFS125-UNV-EDC1
Description: FAILSAFE FVS LED FIXTURE
3FT LENGTH, 2-MODULE LED WITH PFS125 LENS
Light Source: (168) 5000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

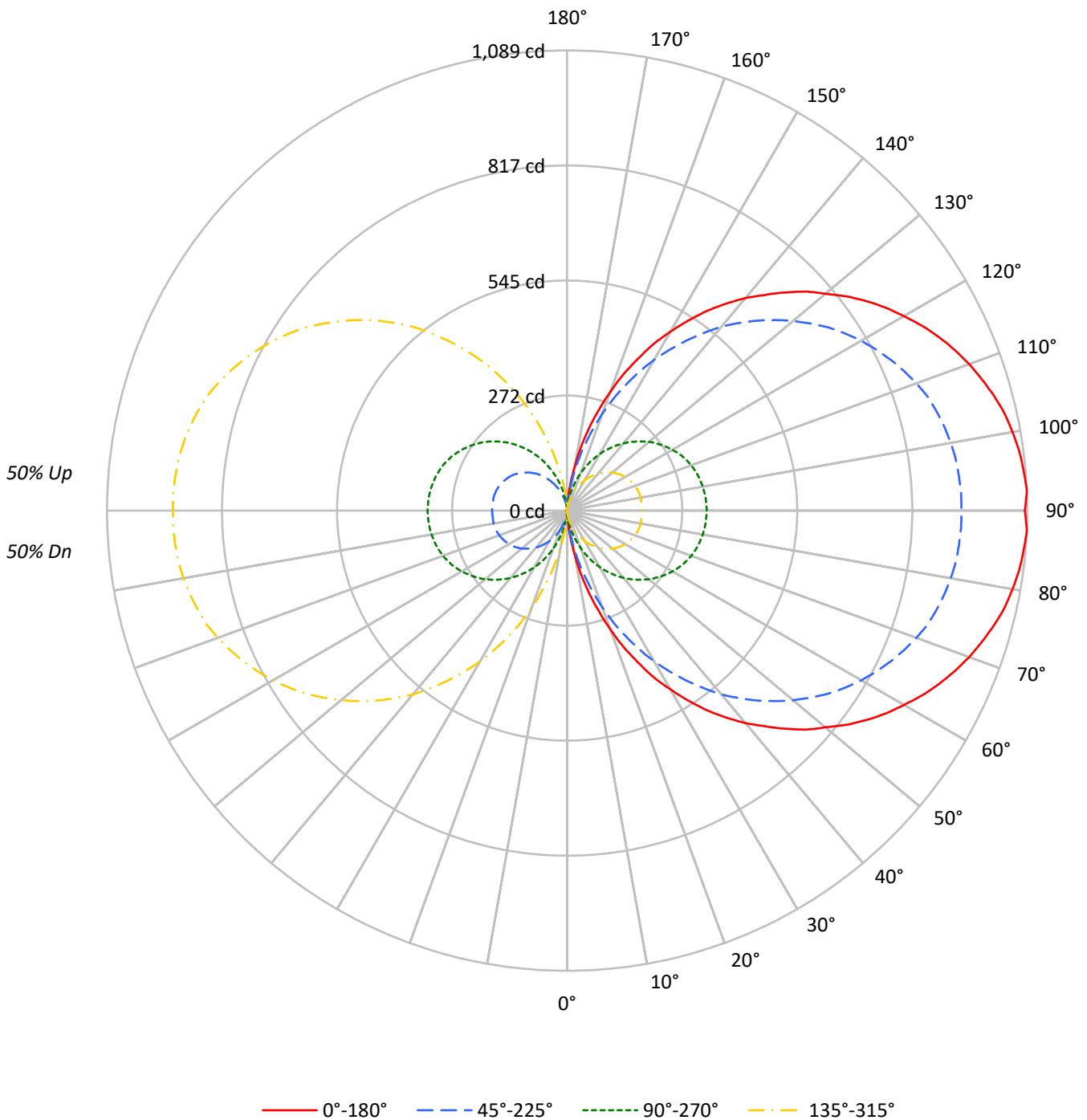
Lumens per Lamp: N/A
Luminaire Lumens: 4879.4 lumens
Efficiency: N/A
Efficacy: 68.1 lumens/watt
Spacing Criteria (0/90/45): 19.76 / 16.69 / 17.92
Luminous Opening: Rectangular w/ Sides (W: 2.92' x L: 0.19' x H: 0.31')
CIE Type: General Diffuse

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°	22	22	22	22
5°	659	235	19	235
10°	1735	706	17	706
15°	2871	1274	15	1274
20°	3909	1911	14	1911
25°	4835	2594	13	2594
30°	5656	3313	13	3313
35°	6393	4068	12	4068
40°	7030	4908	12	4908
45°	7623	5810	11	5810
50°	8182	6867	11	6867
55°	8775	8077	11	8077
60°	9318	9556	11	9556
65°	9888	11433	11	11433
70°	10446	13907	11	13907
75°	11022	17411	12	17411
80°	11608	22978	0	22978
85°	12216	33418	0	33418



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	2.7	0.1
10°-20°	27.3	0.6
20°-30°	85.2	1.7
30°-40°	169.5	3.5
40°-50°	267.8	5.5
50°-60°	367.0	7.5
60°-70°	454.1	9.3
70°-80°	517.6	10.6
80°-90°	548.6	11.2
90°-100°	548.6	11.2
100°-110°	517.6	10.6
110°-120°	454.1	9.3
120°-130°	367.0	7.5
130°-140°	267.8	5.5
140°-150°	169.5	3.5
150°-160°	85.2	1.7
160°-170°	27.3	0.6
170°-180°	2.7	0.1
0°-30°	115.2	2.4
0°-40°	284.7	5.8
0°-60°	919.5	18.8
0°-90°	2439.7	50.0
90°-120°	1520.2	31.2
90°-150°	2324.5	47.6
90°-180°	2440.0	50.0
0°-180°	4879.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1	1	1	1	1	
5°	38	12	1	12	38	6
15°	204	64	1	64	204	61
25°	396	125	1	125	396	186
35°	577	182	1	182	577	363
45°	730	231	1	231	730	566
55°	864	271	1	271	864	775
65°	971	302	1	302	971	963
75°	1046	320	1	320	1046	1105
85°	1085	329	0	329	1085	883
90°	1084	330	0	330	1084	595
95°	1085	329	0	329	1085	883
105°	1046	320	1	320	1046	1105
115°	971	302	1	302	971	963
125°	864	271	1	271	864	775
135°	730	231	1	231	730	566
145°	577	182	1	182	577	363
155°	396	125	1	125	396	186
165°	204	64	1	64	204	61
175°	38	12	1	12	38	6
180°	1	1	1	1	1	



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
2.5°	13.1	13.3	13.6	13.8	14.0	14.3	14.5	14.2	14.2	14.3	14.3
5°	38.2	38.6	39.1	39.5	39.9	39.1	39.0	38.9	38.6	38.2	37.7
7.5°	69.8	70.7	71.5	72.4	71.7	71.7	71.5	71.1	70.5	69.6	68.6
10°	112.3	113.3	114.2	115.2	113.6	113.1	112.3	111.2	109.8	108.2	106.2
12.5°	157.0	158.4	159.9	159.3	159.2	158.6	157.6	156.0	154.0	151.6	149.3
15°	203.8	205.3	206.7	205.8	205.3	204.4	203.0	201.1	199.3	197.7	195.5
17.5°	249.6	251.8	254.1	253.4	253.2	252.4	250.8	249.4	247.9	245.7	243.0
20°	299.8	302.4	304.9	303.9	303.7	302.6	301.1	299.3	297.0	294.3	291.0
22.5°	349.9	351.7	353.5	351.5	350.5	349.1	349.0	347.7	345.2	341.4	336.2
25°	395.7	398.2	398.9	399.0	398.0	397.8	397.4	396.3	394.4	391.7	388.0
27.5°	445.8	447.8	447.6	446.9	445.6	445.7	444.9	443.1	440.1	437.9	434.1
30°	488.3	491.2	491.8	491.8	491.9	492.1	491.1	489.0	486.9	484.0	479.9
32.5°	533.0	536.1	536.8	536.8	536.9	536.4	535.0	533.9	532.4	529.5	524.6
35°	576.6	578.5	578.0	577.5	579.0	578.9	577.7	576.8	574.8	571.8	567.9
37.5°	617.0	619.1	618.4	618.9	620.7	621.2	621.2	620.4	618.2	615.0	610.5
40°	656.2	659.0	658.8	659.8	661.0	661.4	662.4	661.8	659.9	656.9	652.7
42.5°	692.2	695.2	695.3	697.8	699.4	700.7	702.0	701.9	699.5	696.2	692.2
45°	730.3	733.0	732.5	734.7	735.7	737.9	739.1	740.8	737.4	733.6	729.0
47.5°	767.4	768.6	767.4	769.9	771.5	773.6	774.1	774.3	773.4	770.4	765.2
50°	797.9	801.2	801.8	803.5	806.5	809.6	811.3	810.9	809.1	806.2	800.9
52.5°	832.8	834.9	835.3	836.9	840.1	843.0	844.7	844.3	843.0	840.2	835.5
55°	864.4	866.0	866.1	867.9	871.5	874.4	876.2	875.3	872.8	869.7	864.9
57.5°	893.8	894.7	894.8	897.4	901.3	905.1	906.8	906.1	904.4	898.9	892.3
60°	920.0	921.9	922.1	926.0	930.5	934.5	935.6	935.1	932.7	927.5	920.4
62.5°	947.3	946.2	948.0	952.4	957.3	961.1	962.0	960.6	958.9	954.0	946.3
65°	971.2	971.4	972.3	976.2	982.0	985.2	986.3	985.8	982.9	976.6	969.6
67.5°	993.0	992.4	993.7	998.9	1004.6	1007.6	1008.5	1007.5	1003.7	997.5	990.2
70°	1012.7	1010.9	1013.1	1019.9	1025.7	1027.8	1028.7	1027.6	1022.9	1016.8	1008.8
72.5°	1030.1	1028.9	1031.0	1037.8	1043.4	1045.4	1045.7	1043.6	1039.1	1033.1	1026.4
75°	1046.4	1043.3	1046.9	1054.0	1058.2	1060.2	1059.0	1057.1	1053.6	1047.5	1039.8
77.5°	1060.6	1055.6	1060.6	1068.0	1070.7	1071.6	1070.4	1068.4	1064.6	1058.8	1050.8
80°	1070.4	1066.8	1072.5	1078.0	1079.4	1080.2	1079.7	1077.8	1074.4	1069.1	1060.4
82.5°	1079.2	1075.9	1081.9	1083.2	1085.4	1086.5	1086.3	1084.3	1081.1	1075.4	1067.1
85°	1084.6	1084.3	1084.8	1087.1	1089.0	1090.3	1089.9	1088.0	1084.4	1078.7	1071.3
87.5°	1089.0	1085.7	1084.5	1086.9	1089.1	1090.4	1089.8	1088.4	1084.8	1079.2	1072.3
90°	1083.5	1073.7	1077.0	1081.3	1085.7	1087.9	1087.9	1086.8	1083.5	1079.2	1071.5
92.5°	1089.0	1085.7	1084.5	1086.9	1089.1	1090.4	1089.8	1088.4	1084.8	1079.2	1072.3
95°	1084.6	1084.3	1084.8	1087.1	1089.0	1090.3	1089.9	1088.0	1084.4	1078.7	1071.3
97.5°	1079.2	1075.9	1081.9	1083.2	1085.4	1086.5	1086.3	1084.3	1081.1	1075.4	1067.1
100°	1070.4	1066.8	1072.5	1078.0	1079.4	1080.2	1079.7	1077.8	1074.4	1069.1	1060.4
102.5°	1060.6	1055.6	1060.6	1068.0	1070.7	1071.6	1070.4	1068.4	1064.6	1058.8	1050.8
105°	1046.4	1043.3	1046.9	1054.0	1058.2	1060.2	1059.0	1057.1	1053.6	1047.5	1039.8
107.5°	1030.1	1028.9	1031.0	1037.8	1043.4	1045.4	1045.7	1043.6	1039.1	1033.1	1026.4
110°	1012.7	1010.9	1013.1	1019.9	1025.7	1027.8	1028.7	1027.6	1022.9	1016.8	1008.8



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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°	993.0	992.4	993.7	998.9	1004.6	1007.6	1008.5	1007.5	1003.7	997.5	990.2
115°	971.2	971.4	972.3	976.2	982.0	985.2	986.3	985.8	982.9	976.6	969.6
117.5°	947.3	946.2	948.0	952.4	957.3	961.1	962.0	960.6	958.9	954.0	946.3
120°	920.0	921.9	922.1	926.0	930.5	934.5	935.6	935.1	932.7	927.5	920.4
122.5°	893.8	894.7	894.8	897.4	901.3	905.1	906.8	906.1	904.4	898.9	892.3
125°	864.4	866.0	866.1	867.9	871.5	874.4	876.2	875.3	872.8	869.7	864.9
127.5°	832.8	834.9	835.3	836.9	840.1	843.0	844.7	844.3	843.0	840.2	835.5
130°	797.9	801.2	801.8	803.5	806.5	809.6	811.3	810.9	809.1	806.2	800.9
132.5°	767.4	768.6	767.4	769.9	771.5	773.6	774.1	774.3	773.4	770.4	765.2
135°	730.3	733.0	732.5	734.7	735.7	737.9	739.1	740.8	737.4	733.6	729.0
137.5°	692.2	695.2	695.3	697.8	699.4	700.7	702.0	701.9	699.5	696.2	692.2
140°	656.2	659.0	658.8	659.8	661.0	661.4	662.4	661.8	659.9	656.9	652.7
142.5°	617.0	619.1	618.4	618.9	620.7	621.2	621.2	620.4	618.2	615.0	610.5
145°	576.6	578.5	578.0	577.5	579.0	578.9	577.7	576.8	574.8	571.8	567.9
147.5°	533.0	536.1	536.8	536.8	536.9	536.4	535.0	533.9	532.4	529.5	524.6
150°	488.3	491.2	491.8	491.8	491.9	492.1	491.1	489.0	486.9	484.0	479.9
152.5°	445.8	447.8	447.6	446.9	445.6	445.7	444.9	443.1	440.1	437.9	434.1
155°	395.7	398.2	398.9	399.0	398.0	397.8	397.4	396.3	394.4	391.7	388.0
157.5°	349.9	351.7	353.5	351.5	350.5	349.1	349.0	347.7	345.2	341.4	336.2
160°	299.8	302.4	304.9	303.9	303.7	302.6	301.1	299.3	297.0	294.3	291.0
162.5°	249.6	251.8	254.1	253.4	253.2	252.4	250.8	249.4	247.9	245.7	243.0
165°	203.8	205.3	206.7	205.8	205.3	204.4	203.0	201.1	199.3	197.7	195.5
167.5°	157.0	158.4	159.9	159.3	159.2	158.6	157.6	156.0	154.0	151.6	149.3
170°	112.3	113.3	114.2	115.2	113.6	113.1	112.3	111.2	109.8	108.2	106.2
172.5°	69.8	70.7	71.5	72.4	71.7	71.7	71.5	71.1	70.5	69.6	68.6
175°	38.2	38.6	39.1	39.5	39.9	39.1	39.0	38.9	38.6	38.2	37.7
177.5°	13.1	13.3	13.6	13.8	14.0	14.3	14.5	14.2	14.2	14.3	14.3
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°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
2.5°	14.3	14.2	14.1	14.1	13.9	13.8	13.6	13.4	13.2	13.0	12.7
5°	37.2	36.5	35.8	35.0	34.1	33.1	32.0	30.9	29.7	28.4	27.0
7.5°	67.3	65.9	64.2	62.3	60.2	57.9	55.3	53.7	51.5	50.0	48.5
10°	104.0	101.4	99.6	97.3	94.8	91.9	89.0	86.4	83.5	80.4	77.2
12.5°	147.0	144.3	141.3	137.8	134.2	130.6	126.6	122.2	117.4	112.3	106.8
15°	192.8	189.3	185.3	180.9	176.3	171.2	166.0	160.5	154.6	148.8	143.0
17.5°	239.6	235.5	231.0	225.9	220.5	214.4	207.7	200.8	193.8	186.2	178.1
20°	287.4	283.1	278.1	272.5	266.3	259.5	252.0	243.6	234.5	225.4	216.2
22.5°	332.6	328.9	324.1	318.1	310.9	303.0	295.1	286.7	278.1	267.3	256.1
25°	382.6	376.9	371.0	365.1	357.3	348.2	338.4	328.2	318.2	307.8	298.1
27.5°	429.0	422.6	415.6	408.4	400.7	391.8	383.7	370.5	358.8	346.5	333.5
30°	474.7	468.6	462.5	453.0	443.9	434.0	423.3	412.2	400.2	386.6	372.3
32.5°	519.5	513.3	505.6	496.2	486.7	475.8	463.8	451.0	438.6	425.0	409.0
35°	562.5	555.7	547.9	539.2	528.9	517.1	504.4	490.7	476.9	461.8	444.7
37.5°	604.6	597.4	589.5	582.1	569.5	557.9	544.4	529.0	513.7	498.8	480.7
40°	647.0	639.1	629.8	619.8	608.9	596.6	583.4	567.8	549.4	531.7	513.8
42.5°	686.2	679.2	670.0	658.4	647.8	633.1	618.3	602.1	584.3	564.9	545.5
45°	723.1	715.5	705.9	695.0	682.6	668.4	652.6	635.5	617.1	598.1	576.7
47.5°	758.7	751.3	741.2	730.0	717.7	703.3	685.7	667.4	648.3	629.3	607.3
50°	792.5	784.1	774.8	763.1	751.1	734.1	716.4	698.0	677.9	657.4	635.2
52.5°	828.1	816.6	806.6	793.6	779.4	765.0	745.9	726.7	706.7	684.8	661.4
55°	857.0	845.7	835.2	822.8	808.0	792.2	775.0	755.3	732.7	709.6	686.7
57.5°	885.3	875.7	863.5	849.7	834.8	819.0	800.5	780.2	758.6	734.7	709.0
60°	911.4	901.8	890.1	875.8	859.8	842.9	824.0	803.4	781.3	757.1	731.6
62.5°	936.8	925.4	913.6	898.9	882.9	865.8	845.9	824.8	802.5	778.0	751.5
65°	959.5	948.1	935.6	920.1	904.0	886.3	866.2	844.7	821.7	796.5	769.8
67.5°	980.9	969.5	955.1	939.8	923.3	904.8	884.9	863.0	839.2	813.5	786.0
70°	998.8	986.6	973.1	957.0	940.1	921.0	901.1	879.5	855.5	829.5	800.5
72.5°	1015.7	1003.1	989.5	973.4	955.9	936.5	916.6	895.1	868.8	842.6	813.5
75°	1029.6	1017.3	1002.8	987.1	970.1	949.7	927.9	905.3	879.7	853.2	824.4
77.5°	1041.4	1029.2	1014.6	997.8	979.0	959.8	937.8	914.3	889.4	862.1	832.8
80°	1050.8	1038.3	1023.6	1006.6	987.7	967.5	945.6	921.8	896.9	869.0	839.4
82.5°	1056.8	1045.0	1030.0	1012.6	993.9	973.5	950.8	927.8	902.7	873.8	844.8
85°	1060.6	1048.5	1033.3	1016.7	997.0	977.1	954.3	930.9	905.1	877.3	848.6
87.5°	1062.3	1050.8	1035.4	1019.1	998.7	979.4	957.4	933.1	907.6	880.1	851.7
90°	1061.7	1050.8	1034.5	1018.1	999.6	981.0	958.2	933.1	909.1	880.8	852.4
92.5°	1062.3	1050.8	1035.4	1019.1	998.7	979.4	957.4	933.1	907.6	880.1	851.7
95°	1060.6	1048.5	1033.3	1016.7	997.0	977.1	954.3	930.9	905.1	877.3	848.6
97.5°	1056.8	1045.0	1030.0	1012.6	993.9	973.5	950.8	927.8	902.7	873.8	844.8
100°	1050.8	1038.3	1023.6	1006.6	987.7	967.5	945.6	921.8	896.9	869.0	839.4
102.5°	1041.4	1029.2	1014.6	997.8	979.0	959.8	937.8	914.3	889.4	862.1	832.8
105°	1029.6	1017.3	1002.8	987.1	970.1	949.7	927.9	905.3	879.7	853.2	824.4
107.5°	1015.7	1003.1	989.5	973.4	955.9	936.5	916.6	895.1	868.8	842.6	813.5
110°	998.8	986.6	973.1	957.0	940.1	921.0	901.1	879.5	855.5	829.5	800.5



TEST NUMBER: P232075

CATALOG NUMBER: FVS4WM-3-LD4-50-2HI-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°	980.9	969.5	955.1	939.8	923.3	904.8	884.9	863.0	839.2	813.5	786.0
115°	959.5	948.1	935.6	920.1	904.0	886.3	866.2	844.7	821.7	796.5	769.8
117.5°	936.8	925.4	913.6	898.9	882.9	865.8	845.9	824.8	802.5	778.0	751.5
120°	911.4	901.8	890.1	875.8	859.8	842.9	824.0	803.4	781.3	757.1	731.6
122.5°	885.3	875.7	863.5	849.7	834.8	819.0	800.5	780.2	758.6	734.7	709.0
125°	857.0	845.7	835.2	822.8	808.0	792.2	775.0	755.3	732.7	709.6	686.7
127.5°	828.1	816.6	806.6	793.6	779.4	765.0	745.9	726.7	706.7	684.8	661.4
130°	792.5	784.1	774.8	763.1	751.1	734.1	716.4	698.0	677.9	657.4	635.2
132.5°	758.7	751.3	741.2	730.0	717.7	703.3	685.7	667.4	648.3	629.3	607.3
135°	723.1	715.5	705.9	695.0	682.6	668.4	652.6	635.5	617.1	598.1	576.7
137.5°	686.2	679.2	670.0	658.4	647.8	633.1	618.3	602.1	584.3	564.9	545.5
140°	647.0	639.1	629.8	619.8	608.9	596.6	583.4	567.8	549.4	531.7	513.8
142.5°	604.6	597.4	589.5	582.1	569.5	557.9	544.4	529.0	513.7	498.8	480.7
145°	562.5	555.7	547.9	539.2	528.9	517.1	504.4	490.7	476.9	461.8	444.7
147.5°	519.5	513.3	505.6	496.2	486.7	475.8	463.8	451.0	438.6	425.0	409.0
150°	474.7	468.6	462.5	453.0	443.9	434.0	423.3	412.2	400.2	386.6	372.3
152.5°	429.0	422.6	415.6	408.4	400.7	391.8	383.7	370.5	358.8	346.5	333.5
155°	382.6	376.9	371.0	365.1	357.3	348.2	338.4	328.2	318.2	307.8	298.1
157.5°	332.6	328.9	324.1	318.1	310.9	303.0	295.1	286.7	278.1	267.3	256.1
160°	287.4	283.1	278.1	272.5	266.3	259.5	252.0	243.6	234.5	225.4	216.2
162.5°	239.6	235.5	231.0	225.9	220.5	214.4	207.7	200.8	193.8	186.2	178.1
165°	192.8	189.3	185.3	180.9	176.3	171.2	166.0	160.5	154.6	148.8	143.0
167.5°	147.0	144.3	141.3	137.8	134.2	130.6	126.6	122.2	117.4	112.3	106.8
170°	104.0	101.4	99.6	97.3	94.8	91.9	89.0	86.4	83.5	80.4	77.2
172.5°	67.3	65.9	64.2	62.3	60.2	57.9	55.3	53.7	51.5	50.0	48.5
175°	37.2	36.5	35.8	35.0	34.1	33.1	32.0	30.9	29.7	28.4	27.0
177.5°	14.3	14.2	14.1	14.1	13.9	13.8	13.6	13.4	13.2	13.0	12.7
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: P232075

CATALOG NUMBER: FVS4WM-3-LD4-50-2HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
2.5°	12.4	12.1	11.8	11.5	11.1	10.7	10.3	9.9	9.5	9.0	8.6
5°	25.6	24.1	22.5	21.8	21.1	20.3	19.5	18.7	17.8	16.9	16.0
7.5°	46.9	45.1	43.1	41.0	38.8	36.5	34.0	32.7	31.7	30.6	29.4
10°	73.7	70.0	66.4	63.3	60.3	57.0	53.5	49.9	46.2	44.3	42.8
12.5°	102.7	98.5	94.0	89.1	83.8	79.1	75.0	70.8	66.3	61.8	58.9
15°	136.9	130.6	125.1	117.9	111.3	104.2	96.7	91.5	86.4	81.2	75.8
17.5°	170.6	162.6	155.5	148.0	140.0	131.6	122.9	114.0	107.4	101.5	95.3
20°	206.7	196.8	186.8	178.0	168.6	158.8	149.1	139.2	129.0	121.9	114.8
22.5°	244.3	232.9	221.2	209.1	197.9	186.7	175.1	163.9	152.3	141.3	133.2
25°	283.0	269.6	256.2	242.4	227.9	214.8	202.1	189.0	175.7	161.9	151.4
27.5°	319.3	304.9	290.8	276.3	259.9	242.8	228.0	213.3	198.6	184.0	170.8
30°	356.3	339.1	322.5	306.8	290.1	271.9	253.6	237.1	221.0	205.3	190.5
32.5°	392.1	374.0	354.8	336.5	318.8	299.9	280.0	260.8	242.1	225.0	208.6
35°	426.5	407.7	387.6	366.9	346.8	326.2	305.3	285.2	264.1	244.4	226.6
37.5°	460.7	440.2	418.9	397.3	377.2	352.6	329.7	307.1	285.1	263.6	244.7
40°	493.7	472.5	449.4	425.8	402.7	378.8	354.1	329.4	305.1	283.0	262.5
42.5°	524.8	502.4	478.7	453.7	428.9	404.5	377.9	351.0	324.2	300.6	278.2
45°	554.6	531.7	506.5	480.4	453.9	428.2	400.4	371.0	343.6	317.7	293.3
47.5°	583.2	558.9	533.0	507.3	478.4	451.1	422.5	391.3	362.1	334.1	307.7
50°	610.7	585.3	558.3	529.7	500.8	471.3	441.8	411.2	380.4	349.9	322.0
52.5°	636.6	610.0	581.6	552.4	522.8	491.4	460.3	429.1	397.2	364.8	335.3
55°	660.8	633.6	604.5	573.6	542.2	510.6	479.0	446.4	412.3	379.3	348.2
57.5°	682.4	653.9	627.5	594.4	561.1	528.5	496.1	462.4	425.8	392.4	360.2
60°	705.3	673.0	644.8	613.5	580.2	545.7	511.1	476.7	438.8	404.4	371.7
62.5°	724.0	693.2	662.2	630.6	598.1	562.1	525.4	489.6	451.9	415.9	382.4
65°	741.4	710.4	678.4	646.0	611.9	574.9	538.6	501.8	464.5	427.3	392.4
67.5°	757.6	724.7	692.4	660.8	624.7	587.3	550.4	512.7	474.9	437.2	400.8
70°	772.2	738.8	706.6	672.1	636.2	599.4	561.5	522.6	484.1	446.3	408.9
72.5°	782.9	751.5	720.0	683.6	646.5	609.7	570.8	531.5	492.3	453.0	414.7
75°	793.0	761.2	728.4	692.6	656.2	618.5	578.3	539.4	500.1	458.9	419.9
77.5°	802.0	769.4	736.3	699.9	663.6	625.8	584.9	545.2	505.3	464.4	424.7
80°	808.9	775.9	742.5	705.9	668.2	631.3	591.1	549.9	509.4	469.6	429.3
82.5°	814.0	781.1	747.1	710.4	672.4	634.5	595.5	552.8	512.7	472.4	433.8
85°	816.6	784.7	750.1	713.3	676.0	637.7	600.4	555.8	516.6	475.2	435.9
87.5°	819.5	786.6	752.1	716.5	677.5	638.7	600.1	556.9	517.8	475.3	434.9
90°	820.8	785.9	752.1	718.3	676.9	639.9	599.5	558.1	518.9	475.3	433.8
92.5°	819.5	786.6	752.1	716.5	677.5	638.7	600.1	556.9	517.8	475.3	434.9
95°	816.6	784.7	750.1	713.3	676.0	637.7	600.4	555.8	516.6	475.2	435.9
97.5°	814.0	781.1	747.1	710.4	672.4	634.5	595.5	552.8	512.7	472.4	433.8
100°	808.9	775.9	742.5	705.9	668.2	631.3	591.1	549.9	509.4	469.6	429.3
102.5°	802.0	769.4	736.3	699.9	663.6	625.8	584.9	545.2	505.3	464.4	424.7
105°	793.0	761.2	728.4	692.6	656.2	618.5	578.3	539.4	500.1	458.9	419.9
107.5°	782.9	751.5	720.0	683.6	646.5	609.7	570.8	531.5	492.3	453.0	414.7
110°	772.2	738.8	706.6	672.1	636.2	599.4	561.5	522.6	484.1	446.3	408.9



TEST NUMBER: P232075

CATALOG NUMBER: FVS4WM-3-LD4-50-2HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	757.6	724.7	692.4	660.8	624.7	587.3	550.4	512.7	474.9	437.2	400.8
115°	741.4	710.4	678.4	646.0	611.9	574.9	538.6	501.8	464.5	427.3	392.4
117.5°	724.0	693.2	662.2	630.6	598.1	562.1	525.4	489.6	451.9	415.9	382.4
120°	705.3	673.0	644.8	613.5	580.2	545.7	511.1	476.7	438.8	404.4	371.7
122.5°	682.4	653.9	627.5	594.4	561.1	528.5	496.1	462.4	425.8	392.4	360.2
125°	660.8	633.6	604.5	573.6	542.2	510.6	479.0	446.4	412.3	379.3	348.2
127.5°	636.6	610.0	581.6	552.4	522.8	491.4	460.3	429.1	397.2	364.8	335.3
130°	610.7	585.3	558.3	529.7	500.8	471.3	441.8	411.2	380.4	349.9	322.0
132.5°	583.2	558.9	533.0	507.3	478.4	451.1	422.5	391.3	362.1	334.1	307.7
135°	554.6	531.7	506.5	480.4	453.9	428.2	400.4	371.0	343.6	317.7	293.3
137.5°	524.8	502.4	478.7	453.7	428.9	404.5	377.9	351.0	324.2	300.6	278.2
140°	493.7	472.5	449.4	425.8	402.7	378.8	354.1	329.4	305.1	283.0	262.5
142.5°	460.7	440.2	418.9	397.3	377.2	352.6	329.7	307.1	285.1	263.6	244.7
145°	426.5	407.7	387.6	366.9	346.8	326.2	305.3	285.2	264.1	244.4	226.6
147.5°	392.1	374.0	354.8	336.5	318.8	299.9	280.0	260.8	242.1	225.0	208.6
150°	356.3	339.1	322.5	306.8	290.1	271.9	253.6	237.1	221.0	205.3	190.5
152.5°	319.3	304.9	290.8	276.3	259.9	242.8	228.0	213.3	198.6	184.0	170.8
155°	283.0	269.6	256.2	242.4	227.9	214.8	202.1	189.0	175.7	161.9	151.4
157.5°	244.3	232.9	221.2	209.1	197.9	186.7	175.1	163.9	152.3	141.3	133.2
160°	206.7	196.8	186.8	178.0	168.6	158.8	149.1	139.2	129.0	121.9	114.8
162.5°	170.6	162.6	155.5	148.0	140.0	131.6	122.9	114.0	107.4	101.5	95.3
165°	136.9	130.6	125.1	117.9	111.3	104.2	96.7	91.5	86.4	81.2	75.8
167.5°	102.7	98.5	94.0	89.1	83.8	79.1	75.0	70.8	66.3	61.8	58.9
170°	73.7	70.0	66.4	63.3	60.3	57.0	53.5	49.9	46.2	44.3	42.8
172.5°	46.9	45.1	43.1	41.0	38.8	36.5	34.0	32.7	31.7	30.6	29.4
175°	25.6	24.1	22.5	21.8	21.1	20.3	19.5	18.7	17.8	16.9	16.0
177.5°	12.4	12.1	11.8	11.5	11.1	10.7	10.3	9.9	9.5	9.0	8.6
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P232075

CATALOG NUMBER: FVS4WM-3-LD4-50-2HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
2.5°	8.1	7.6	7.1	6.6	6.5	6.5	6.4	6.4	6.3	6.2	6.1
5°	15.0	14.0	13.0	12.0	11.9	11.8	11.6	11.5	11.3	11.1	10.9
7.5°	28.2	26.9	25.5	24.0	23.7	23.3	22.8	22.3	21.8	21.2	20.5
10°	41.3	39.6	37.8	36.0	35.4	34.7	33.9	33.0	32.1	31.2	30.5
12.5°	57.0	54.8	52.6	50.2	49.4	48.5	47.4	46.3	45.1	44.1	42.9
15°	72.9	70.2	67.3	64.3	63.4	62.3	61.1	59.8	58.5	57.2	55.7
17.5°	90.0	86.7	83.2	79.6	78.5	77.2	75.8	74.3	72.9	71.2	69.4
20°	107.5	103.3	99.2	94.8	93.6	92.2	90.6	89.1	87.4	85.6	83.1
22.5°	124.7	118.8	114.6	110.1	108.5	106.7	105.0	103.3	101.5	99.1	96.4
25°	141.8	134.1	129.9	125.4	123.4	121.2	119.3	117.5	115.4	112.7	109.7
27.5°	160.4	150.6	145.5	140.1	137.9	135.5	133.5	131.4	128.9	126.0	122.8
30°	179.0	167.3	161.2	154.8	152.5	149.8	147.6	145.1	142.2	139.1	135.8
32.5°	195.2	182.8	175.3	168.4	165.9	163.3	160.9	158.2	155.2	151.9	148.3
35°	211.1	198.1	189.4	182.0	179.4	176.7	174.1	171.2	168.1	164.3	160.3
37.5°	227.0	212.5	202.6	195.1	192.0	189.0	186.3	183.4	180.3	176.1	171.8
40°	243.1	227.1	215.8	208.2	204.5	201.3	198.5	195.5	191.9	187.7	182.8
42.5°	257.4	240.7	228.0	219.7	216.2	212.9	209.8	206.7	202.8	198.4	193.3
45°	271.8	254.0	240.2	231.1	227.9	224.4	220.9	217.7	213.2	208.3	203.5
47.5°	285.9	266.7	251.5	242.0	238.2	234.6	231.0	227.8	223.2	218.4	213.3
50°	299.7	279.4	262.8	252.9	248.6	244.7	241.1	237.8	233.4	228.2	222.4
52.5°	310.8	289.6	272.4	262.2	257.7	254.1	250.5	246.7	242.1	236.8	230.9
55°	321.6	299.5	282.0	271.4	266.9	263.5	259.8	255.3	250.2	244.7	238.9
57.5°	332.1	308.8	290.6	279.6	274.9	271.2	267.6	263.2	257.9	252.4	246.5
60°	342.3	318.1	299.1	287.8	283.0	278.9	275.4	270.9	265.5	259.8	253.7
62.5°	352.0	325.8	306.4	294.9	289.5	285.7	282.0	277.3	272.0	266.2	259.6
65°	361.6	333.4	313.7	301.9	296.0	292.5	288.5	283.5	278.1	272.1	265.1
67.5°	368.6	339.7	319.4	307.4	301.3	297.9	293.9	288.8	283.4	277.1	270.0
70°	375.2	345.9	325.1	312.8	306.7	303.2	299.1	293.9	288.5	281.6	274.6
72.5°	380.6	350.9	329.1	316.7	310.9	307.1	302.9	297.7	292.3	285.2	278.4
75°	385.7	355.8	333.6	320.5	315.2	310.9	306.6	301.3	295.8	288.6	281.8
77.5°	390.0	359.6	336.3	323.2	317.9	313.6	309.7	304.0	298.5	291.2	284.1
80°	394.1	364.1	339.0	325.9	320.6	316.2	312.8	306.5	301.1	293.5	286.0
82.5°	396.8	365.2	340.1	327.6	321.6	317.8	314.0	308.1	302.1	295.1	287.5
85°	397.9	366.3	341.2	329.2	322.7	319.4	315.0	309.6	303.1	296.5	288.9
87.5°	397.4	366.8	342.3	329.8	323.2	320.0	315.6	309.6	303.6	296.5	289.5
90°	396.8	367.3	343.4	330.3	323.7	320.5	316.1	309.6	304.1	296.5	290.0
92.5°	397.4	366.8	342.3	329.8	323.2	320.0	315.6	309.6	303.6	296.5	289.5
95°	397.9	366.3	341.2	329.2	322.7	319.4	315.0	309.6	303.1	296.5	288.9
97.5°	396.8	365.2	340.1	327.6	321.6	317.8	314.0	308.1	302.1	295.1	287.5
100°	394.1	364.1	339.0	325.9	320.6	316.2	312.8	306.5	301.1	293.5	286.0
102.5°	390.0	359.6	336.3	323.2	317.9	313.6	309.7	304.0	298.5	291.2	284.1
105°	385.7	355.8	333.6	320.5	315.2	310.9	306.6	301.3	295.8	288.6	281.8
107.5°	380.6	350.9	329.1	316.7	310.9	307.1	302.9	297.7	292.3	285.2	278.4
110°	375.2	345.9	325.1	312.8	306.7	303.2	299.1	293.9	288.5	281.6	274.6



TEST NUMBER: P232075

CATALOG NUMBER: FVS4WM-3-LD4-50-2HI-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°	368.6	339.7	319.4	307.4	301.3	297.9	293.9	288.8	283.4	277.1	270.0
115°	361.6	333.4	313.7	301.9	296.0	292.5	288.5	283.5	278.1	272.1	265.1
117.5°	352.0	325.8	306.4	294.8	289.5	285.7	282.0	277.3	272.0	266.2	259.6
120°	342.3	318.1	299.1	287.8	283.0	278.9	275.4	270.9	265.5	259.8	253.7
122.5°	332.1	308.8	290.6	279.6	274.9	271.2	267.6	263.2	257.9	252.4	246.5
125°	321.6	299.5	282.0	271.4	266.9	263.5	259.8	255.3	250.2	244.7	238.9
127.5°	310.8	289.6	272.4	262.2	257.7	254.1	250.5	246.7	242.1	236.8	230.9
130°	299.7	279.4	262.8	252.9	248.6	244.7	241.1	237.8	233.4	228.2	222.4
132.5°	285.9	266.7	251.5	242.0	238.2	234.6	231.0	227.8	223.2	218.4	213.3
135°	271.8	254.0	240.2	231.1	227.9	224.4	220.9	217.7	213.2	208.3	203.5
137.5°	257.4	240.7	228.0	219.7	216.2	212.9	209.8	206.7	202.8	198.4	193.3
140°	243.1	227.1	215.8	208.2	204.5	201.3	198.5	195.5	191.9	187.7	182.8
142.5°	227.0	212.5	202.6	195.1	192.0	189.0	186.3	183.4	180.3	176.1	171.8
145°	211.1	198.1	189.4	182.0	179.4	176.7	174.1	171.2	168.1	164.3	160.3
147.5°	195.2	182.8	175.3	168.4	165.9	163.3	160.9	158.2	155.2	151.9	148.3
150°	179.0	167.3	161.2	154.8	152.5	149.8	147.6	145.1	142.2	139.1	135.8
152.5°	160.4	150.6	145.5	140.1	137.9	135.5	133.5	131.4	128.9	126.0	122.8
155°	141.8	134.1	129.9	125.4	123.4	121.2	119.3	117.5	115.4	112.7	109.7
157.5°	124.7	118.8	114.6	110.1	108.5	106.7	105.0	103.3	101.5	99.1	96.4
160°	107.5	103.3	99.2	94.8	93.6	92.2	90.6	89.1	87.4	85.6	83.1
162.5°	90.0	86.7	83.2	79.6	78.5	77.2	75.8	74.3	72.9	71.2	69.4
165°	72.9	70.2	67.3	64.3	63.4	62.3	61.1	59.8	58.5	57.2	55.7
167.5°	57.0	54.8	52.6	50.2	49.4	48.5	47.4	46.3	45.1	44.1	42.9
170°	41.3	39.6	37.8	36.0	35.4	34.7	33.9	33.0	32.1	31.2	30.5
172.5°	28.2	26.9	25.5	24.0	23.7	23.3	22.8	22.3	21.8	21.2	20.5
175°	15.0	14.0	13.0	12.0	11.9	11.8	11.6	11.5	11.3	11.1	10.9
177.5°	8.1	7.6	7.1	6.5	6.5	6.5	6.4	6.4	6.3	6.2	6.1
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P232075

CATALOG NUMBER: FVS4WM-3-LD4-50-2HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
2.5°	6.0	5.9	5.8	5.7	5.6	5.4	5.3	5.2	5.0	4.8	4.7
5°	10.6	10.4	10.1	9.9	9.6	9.3	9.0	8.7	8.4	8.0	7.7
7.5°	19.8	19.2	18.5	17.7	16.9	16.1	15.1	14.2	13.2	12.2	11.2
10°	29.7	28.9	27.9	26.9	25.9	24.8	23.6	22.4	21.2	19.9	18.6
12.5°	41.7	40.3	38.9	37.4	35.8	34.1	32.3	30.4	28.6	26.8	25.0
15°	54.2	52.6	51.0	49.2	47.3	44.9	42.4	39.8	37.1	34.5	31.9
17.5°	67.4	65.4	63.3	60.7	57.9	54.9	51.9	49.3	46.6	43.7	40.8
20°	80.6	78.1	75.4	72.5	69.3	66.2	63.0	59.7	56.4	52.6	49.2
22.5°	93.6	90.8	87.8	84.7	81.1	77.4	73.7	70.0	66.1	62.0	57.8
25°	106.7	103.5	100.1	96.3	92.4	88.4	84.4	80.2	75.6	71.0	66.2
27.5°	119.5	115.9	112.1	108.0	103.8	99.4	94.9	90.1	85.0	79.7	74.3
30°	132.2	128.1	123.8	119.3	114.7	110.0	105.2	100.0	94.2	88.3	82.6
32.5°	144.3	139.9	135.2	130.2	125.3	120.4	115.1	109.2	103.1	97.2	91.1
35°	155.8	151.1	146.2	141.0	136.0	130.6	124.8	118.4	111.8	105.3	98.8
37.5°	167.1	162.3	157.3	151.9	146.2	140.0	133.7	127.0	120.1	113.3	106.3
40°	177.7	172.7	167.4	161.7	155.6	149.2	142.9	135.9	128.3	121.0	113.9
42.5°	188.2	183.1	177.2	171.0	164.5	158.0	151.4	143.6	135.7	128.4	120.6
45°	198.1	192.4	186.4	179.8	173.3	166.7	159.0	151.2	143.6	135.5	127.4
47.5°	207.5	201.7	195.3	188.2	181.6	174.4	166.6	158.9	150.9	141.8	133.5
50°	216.1	210.2	203.4	196.4	189.7	182.2	173.9	165.4	156.5	148.2	140.1
52.5°	224.7	218.6	211.6	204.3	196.7	188.6	180.1	171.3	162.7	154.3	144.9
55°	232.6	225.9	218.8	211.3	203.2	194.9	186.3	177.3	168.5	159.4	150.1
57.5°	240.0	233.2	225.9	217.8	209.5	201.0	192.0	183.0	174.0	164.1	154.6
60°	246.6	239.3	231.5	223.5	215.4	206.9	197.5	187.9	178.3	168.6	159.1
62.5°	252.7	245.1	237.3	229.2	220.9	211.8	202.0	192.5	182.8	172.9	162.3
65°	257.8	250.6	242.7	234.1	225.7	216.2	206.6	197.1	186.8	176.0	165.3
67.5°	262.9	255.6	247.6	238.8	229.9	220.5	211.1	201.1	190.1	179.0	168.3
70°	267.4	259.4	250.8	242.0	233.1	224.1	214.8	204.7	193.5	182.0	170.8
72.5°	271.1	262.9	254.1	245.2	236.4	227.0	216.9	206.2	195.6	184.3	173.0
75°	274.4	265.9	257.1	247.8	238.7	229.2	218.8	208.0	197.5	186.5	174.9
77.5°	276.6	268.4	259.5	250.1	241.0	231.4	220.8	209.8	198.8	187.7	176.0
80°	278.4	270.6	261.2	252.1	242.6	232.2	221.9	211.1	199.7	188.7	176.9
82.5°	279.8	271.8	262.5	253.4	243.7	233.2	223.1	212.3	200.5	189.4	176.7
85°	281.2	272.6	263.8	254.2	244.4	234.3	223.7	212.8	200.8	189.1	176.8
87.5°	281.3	272.6	263.9	254.6	244.3	235.0	224.1	212.8	201.2	189.2	177.2
90°	281.2	272.5	263.8	255.1	244.2	235.5	224.6	212.6	201.7	189.7	177.7
92.5°	281.3	272.6	263.9	254.6	244.3	235.0	224.1	212.8	201.2	189.2	177.2
95°	281.2	272.6	263.8	254.2	244.4	234.3	223.7	212.8	200.8	189.1	176.8
97.5°	279.8	271.8	262.5	253.4	243.7	233.2	223.1	212.3	200.5	189.4	176.7
100°	278.4	270.6	261.2	252.1	242.6	232.2	221.9	211.1	199.7	188.7	176.9
102.5°	276.6	268.4	259.5	250.1	241.0	231.4	220.8	209.8	198.8	187.7	176.0
105°	274.4	265.9	257.1	247.8	238.7	229.2	218.8	208.0	197.5	186.5	174.9
107.5°	271.1	262.9	254.1	245.2	236.4	227.0	216.9	206.2	195.6	184.3	173.0
110°	267.4	259.4	250.8	242.0	233.1	224.1	214.8	204.7	193.5	182.0	170.8



TEST NUMBER: P232075

CATALOG NUMBER: FVS4WM-3-LD4-50-2HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	262.9	255.6	247.6	238.8	229.9	220.5	211.1	201.1	190.1	179.0	168.3
115°	257.8	250.6	242.7	234.1	225.7	216.2	206.6	197.1	186.8	176.0	165.3
117.5°	252.7	245.1	237.3	229.2	220.9	211.8	202.0	192.5	182.8	172.9	162.3
120°	246.6	239.3	231.5	223.5	215.4	206.9	197.5	187.9	178.3	168.6	159.1
122.5°	240.0	233.2	225.9	217.8	209.5	201.0	192.0	183.0	174.0	164.1	154.6
125°	232.6	225.9	218.8	211.3	203.2	194.9	186.3	177.3	168.5	159.4	150.1
127.5°	224.7	218.6	211.6	204.3	196.7	188.6	180.1	171.3	162.7	154.3	144.9
130°	216.1	210.2	203.4	196.4	189.7	182.2	173.9	165.4	156.5	148.2	140.1
132.5°	207.5	201.7	195.3	188.2	181.6	174.4	166.6	158.9	150.9	141.8	133.5
135°	198.1	192.4	186.4	179.8	173.3	166.7	159.0	151.2	143.6	135.5	127.4
137.5°	188.2	183.1	177.2	171.0	164.5	158.0	151.4	143.6	135.7	128.4	120.6
140°	177.7	172.7	167.4	161.7	155.6	149.2	142.9	135.9	128.3	121.0	113.9
142.5°	167.1	162.3	157.3	151.9	146.2	140.0	133.7	127.0	120.1	113.3	106.3
145°	155.8	151.1	146.2	141.0	136.0	130.6	124.8	118.4	111.8	105.3	98.8
147.5°	144.3	139.9	135.2	130.2	125.3	120.4	115.1	109.2	103.1	97.2	91.1
150°	132.2	128.1	123.8	119.3	114.7	110.0	105.2	100.0	94.2	88.3	82.6
152.5°	119.5	115.9	112.1	108.0	103.8	99.4	94.9	90.1	85.0	79.7	74.3
155°	106.7	103.5	100.1	96.3	92.4	88.4	84.4	80.2	75.6	71.0	66.2
157.5°	93.6	90.8	87.8	84.7	81.1	77.4	73.7	70.0	66.1	62.0	57.8
160°	80.6	78.1	75.4	72.5	69.3	66.2	63.0	59.7	56.4	52.6	49.2
162.5°	67.4	65.4	63.3	60.7	57.9	54.9	51.9	49.3	46.6	43.7	40.8
165°	54.2	52.6	51.0	49.2	47.3	44.9	42.4	39.8	37.1	34.5	31.9
167.5°	41.7	40.3	38.9	37.4	35.8	34.1	32.3	30.4	28.6	26.8	25.0
170°	29.7	28.9	27.9	26.9	25.9	24.8	23.6	22.4	21.2	19.9	18.6
172.5°	19.8	19.2	18.5	17.7	16.9	16.1	15.1	14.2	13.2	12.2	11.2
175°	10.6	10.4	10.1	9.9	9.6	9.3	9.0	8.7	8.4	8.0	7.7
177.5°	6.0	5.9	5.8	5.7	5.6	5.4	5.3	5.2	5.0	4.8	4.7
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P232075

CATALOG NUMBER: FVS4WM-3-LD4-50-2HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
2.5°	4.5	4.3	4.2	4.0	3.8	3.6	3.4	3.2	3.0	2.8	2.6
5°	7.4	7.0	6.7	6.3	6.0	5.6	5.2	4.9	4.5	4.1	3.8
7.5°	9.8	9.5	9.1	8.6	8.1	7.7	7.2	6.6	6.1	5.6	5.0
10°	17.2	15.8	14.2	12.7	11.1	9.3	8.6	7.9	7.2	6.5	5.8
12.5°	23.1	21.2	19.3	17.4	15.5	13.5	11.5	9.5	7.8	7.0	6.3
15°	29.3	26.8	24.7	22.4	20.1	17.9	15.5	13.2	10.9	8.5	7.1
17.5°	37.7	34.4	31.1	27.8	24.9	22.3	19.6	16.9	14.1	11.3	8.4
20°	45.6	41.9	38.2	34.4	30.6	26.7	23.3	20.2	17.2	14.1	11.0
22.5°	53.4	49.0	44.9	40.7	36.4	32.2	27.9	23.5	20.0	16.5	13.0
25°	61.4	56.5	51.5	46.6	41.8	37.0	32.1	27.1	22.1	18.4	14.9
27.5°	68.9	63.6	58.2	52.8	47.3	41.9	36.6	31.4	26.1	20.4	16.8
30°	76.7	70.6	64.9	59.2	53.3	47.1	41.0	35.4	29.8	23.9	18.3
32.5°	84.7	78.3	71.9	65.0	58.8	52.2	45.3	38.2	32.3	26.2	20.3
35°	92.0	85.0	78.0	70.9	63.6	56.2	49.3	42.4	35.3	29.1	23.0
37.5°	99.1	91.6	83.7	76.3	68.8	61.5	54.3	46.5	38.9	31.8	25.2
40°	106.2	98.1	89.9	81.8	73.8	65.8	57.6	49.6	41.8	33.8	26.4
42.5°	112.6	104.2	95.7	87.1	78.5	70.0	61.7	53.3	45.0	36.8	28.6
45°	118.6	109.9	101.2	92.2	83.2	74.3	65.5	56.8	47.9	38.9	30.2
47.5°	124.7	115.8	106.7	97.1	87.7	78.4	69.2	60.1	50.5	40.8	31.9
50°	130.4	120.9	111.5	101.9	92.0	82.2	72.5	62.6	52.8	42.7	32.9
52.5°	135.3	125.5	115.9	106.1	96.1	85.6	75.0	64.6	54.5	44.2	33.9
55°	140.3	130.1	120.2	110.0	99.4	88.4	77.8	66.6	55.3	44.7	34.7
57.5°	144.5	134.1	124.0	113.2	102.8	91.4	80.1	68.0	56.5	45.7	35.4
60°	148.0	137.6	126.9	115.5	105.0	93.5	81.6	69.8	58.0	45.8	35.6
62.5°	151.3	140.7	129.4	118.6	107.5	95.4	82.8	70.2	58.5	46.7	36.4
65°	154.6	143.4	132.0	121.0	109.5	97.3	84.3	70.9	58.7	46.8	36.0
67.5°	157.3	146.0	133.9	122.6	110.9	99.0	85.3	72.3	59.1	47.4	36.2
70°	159.2	147.7	135.9	124.1	112.0	99.5	86.0	72.5	58.9	47.0	35.7
72.5°	160.6	149.6	137.5	125.4	113.5	100.9	87.8	72.8	59.7	46.7	34.9
75°	162.6	151.3	138.7	126.3	113.8	101.4	88.1	73.4	58.9	46.0	34.5
77.5°	163.9	151.9	139.1	126.7	114.1	101.5	88.6	75.2	59.9	45.8	33.7
80°	164.2	151.8	139.1	126.6	114.3	101.7	88.5	75.2	60.5	45.4	32.8
82.5°	164.3	151.6	139.1	126.5	113.5	100.4	87.3	74.2	61.1	46.6	32.2
85°	164.2	151.6	139.5	126.2	113.2	100.1	86.1	72.9	60.4	47.1	32.7
87.5°	164.1	151.8	139.6	126.0	112.7	99.7	85.5	72.3	58.5	45.5	32.5
90°	164.6	151.5	138.4	126.4	111.2	98.1	85.0	73.0	57.8	44.7	31.6
92.5°	164.1	151.8	139.6	126.0	112.7	99.7	85.5	72.3	58.5	45.5	32.5
95°	164.2	151.6	139.5	126.2	113.2	100.1	86.1	72.9	60.4	47.1	32.7
97.5°	164.3	151.6	139.1	126.5	113.5	100.4	87.3	74.2	61.1	46.6	32.2
100°	164.2	151.8	139.1	126.6	114.3	101.7	88.5	75.2	60.5	45.4	32.8
102.5°	163.9	151.9	139.1	126.7	114.1	101.5	88.6	75.2	59.9	45.8	33.7
105°	162.6	151.3	138.7	126.3	113.8	101.4	88.1	73.4	58.9	46.0	34.5
107.5°	160.6	149.6	137.5	125.4	113.5	100.9	87.8	72.8	59.7	46.7	34.9
110°	159.2	147.7	135.9	124.1	112.0	99.5	86.0	72.5	58.9	47.0	35.7



TEST NUMBER: P232075

CATALOG NUMBER: FVS4WM-3-LD4-50-2HI-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°	157.3	146.0	133.9	122.6	110.9	99.0	85.3	72.3	59.1	47.4	36.2
115°	154.6	143.4	132.0	121.0	109.5	97.3	84.3	70.9	58.7	46.8	36.0
117.5°	151.3	140.7	129.4	118.6	107.5	95.4	82.8	70.2	58.5	46.7	36.4
120°	148.0	137.6	126.9	115.5	105.0	93.5	81.6	69.8	58.0	45.8	35.6
122.5°	144.5	134.1	124.0	113.2	102.8	91.4	80.1	68.0	56.5	45.7	35.4
125°	140.3	130.1	120.2	110.0	99.4	88.4	77.8	66.6	55.3	44.7	34.7
127.5°	135.3	125.5	115.9	106.1	96.1	85.6	75.0	64.6	54.5	44.2	33.9
130°	130.4	120.9	111.5	101.9	92.0	82.2	72.5	62.6	52.8	42.7	32.9
132.5°	124.7	115.8	106.7	97.1	87.7	78.4	69.2	60.1	50.5	40.8	31.9
135°	118.6	109.9	101.2	92.2	83.2	74.3	65.5	56.8	47.9	38.9	30.2
137.5°	112.6	104.2	95.7	87.1	78.5	70.0	61.7	53.3	45.0	36.8	28.6
140°	106.2	98.1	89.9	81.8	73.8	65.8	57.6	49.6	41.8	33.8	26.4
142.5°	99.1	91.6	83.7	76.3	68.8	61.5	54.3	46.5	38.9	31.8	25.2
145°	92.0	85.0	78.0	70.9	63.6	56.2	49.3	42.4	35.3	29.1	23.0
147.5°	84.7	78.3	71.9	65.0	58.8	52.2	45.3	38.2	32.3	26.2	20.3
150°	76.7	70.6	64.9	59.2	53.3	47.1	41.0	35.4	29.8	23.9	18.3
152.5°	68.9	63.6	58.2	52.8	47.3	41.9	36.6	31.4	26.1	20.4	16.8
155°	61.4	56.5	51.5	46.6	41.8	37.0	32.1	27.1	22.1	18.4	14.9
157.5°	53.4	49.0	44.9	40.7	36.4	32.2	27.9	23.5	20.0	16.5	13.0
160°	45.6	41.9	38.2	34.4	30.6	26.7	23.3	20.2	17.2	14.1	11.0
162.5°	37.7	34.4	31.1	27.8	24.9	22.3	19.6	16.9	14.1	11.3	8.4
165°	29.3	26.8	24.7	22.4	20.1	17.9	15.5	13.2	10.9	8.5	7.1
167.5°	23.1	21.2	19.3	17.4	15.5	13.6	11.5	9.5	7.8	7.0	6.3
170°	17.2	15.8	14.2	12.7	11.1	9.3	8.6	7.9	7.2	6.5	5.8
172.5°	9.8	9.5	9.1	8.6	8.1	7.7	7.2	6.6	6.1	5.6	5.0
175°	7.4	7.0	6.7	6.3	6.0	5.6	5.2	4.9	4.5	4.1	3.8
177.5°	4.5	4.3	4.2	4.0	3.8	3.6	3.4	3.2	3.0	2.8	2.6
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P232075

CATALOG NUMBER: FVS4WM-3-LD4-50-2HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
2.5°	2.4	2.2	2.0	1.7	1.5	1.3	1.1	1.3	1.5	1.7	2.0
5°	3.4	3.0	2.6	2.2	1.9	1.5	1.1	1.5	1.9	2.2	2.6
7.5°	4.5	3.9	3.4	2.8	2.2	1.7	1.1	1.7	2.2	2.8	3.4
10°	5.2	4.5	3.8	3.1	2.4	1.8	1.1	1.8	2.4	3.1	3.8
12.5°	5.5	4.7	4.0	3.3	2.5	1.8	1.1	1.8	2.5	3.3	4.0
15°	6.3	5.4	4.6	3.7	2.8	2.0	1.1	2.0	2.8	3.7	4.6
17.5°	6.4	5.5	4.6	3.7	2.8	2.0	1.1	2.0	2.8	3.7	4.6
20°	7.9	6.0	5.0	4.0	3.1	2.1	1.1	2.1	3.1	4.0	5.0
22.5°	9.6	6.1	4.8	3.9	2.9	2.0	1.1	2.0	2.9	3.9	4.8
25°	11.4	7.9	5.2	4.2	3.1	2.1	1.1	2.1	3.1	4.2	5.2
27.5°	13.0	9.1	5.1	3.8	2.8	2.0	1.1	2.0	2.8	3.8	5.1
30°	14.2	10.2	6.3	3.9	3.0	2.1	1.1	2.1	3.0	3.9	6.3
32.5°	15.2	11.1	7.0	3.3	2.5	1.8	1.1	1.8	2.5	3.3	7.0
35°	16.9	12.3	8.0	3.8	2.6	1.9	1.1	1.9	2.6	3.8	8.0
37.5°	18.6	12.7	8.3	4.0	2.0	1.5	1.1	1.5	2.0	4.0	8.3
40°	19.9	13.4	8.9	4.7	2.0	1.6	1.1	1.6	2.0	4.7	8.9
42.5°	21.4	14.5	8.9	5.1	2.1	1.6	1.1	1.6	2.1	5.1	8.9
45°	22.1	15.3	8.9	5.5	2.2	1.6	1.1	1.6	2.2	5.5	8.9
47.5°	23.6	16.3	9.7	5.4	1.8	1.1	1.1	1.1	1.8	5.4	9.7
50°	24.2	16.2	9.8	4.9	2.0	1.1	1.1	1.1	2.0	4.9	9.8
52.5°	24.8	16.5	10.0	4.4	2.1	1.1	1.1	1.1	2.1	4.4	10.0
55°	25.1	17.2	10.2	4.5	2.1	1.1	1.1	1.1	2.1	4.5	10.2
57.5°	26.1	17.8	10.3	5.2	2.3	1.1	1.1	1.1	2.3	5.2	10.3
60°	26.2	18.0	10.5	5.1	2.0	1.1	1.1	1.1	2.0	5.1	10.5
62.5°	26.4	17.6	10.0	4.6	2.1	1.1	1.1	1.1	2.1	4.6	10.0
65°	26.5	17.7	9.8	4.4	1.6	1.1	1.1	1.1	1.6	4.4	9.8
67.5°	26.5	17.6	10.0	4.6	1.6	1.1	1.1	1.1	1.6	4.6	10.0
70°	26.2	17.1	9.0	4.3	1.9	1.1	1.1	1.1	1.9	4.3	9.0
72.5°	25.4	16.7	9.2	4.0	1.5	1.1	1.1	1.1	1.5	4.0	9.2
75°	24.4	16.2	9.2	3.5	1.3	1.1	1.1	1.1	1.3	3.5	9.2
77.5°	23.0	14.2	7.8	2.8	0.5	0.1	0.0	0.1	0.5	2.8	7.8
80°	21.8	13.0	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.5
82.5°	20.1	9.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	19.3	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	19.6	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	18.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	19.6	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	19.3	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	20.1	9.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	21.8	13.0	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.5
102.5°	23.0	14.2	7.8	2.8	0.5	0.1	0.0	0.1	0.5	2.8	7.8
105°	24.4	16.2	9.2	3.5	1.3	1.1	1.1	1.1	1.3	3.5	9.2
107.5°	25.4	16.7	9.2	4.0	1.5	1.1	1.1	1.1	1.5	4.0	9.2
110°	26.2	17.1	9.0	4.3	1.9	1.1	1.1	1.1	1.9	4.3	9.0



TEST NUMBER: P232075

CATALOG NUMBER: FVS4WM-3-LD4-50-2HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	26.5	17.6	10.0	4.6	1.6	1.1	1.1	1.1	1.6	4.6	10.0
115°	26.5	17.7	9.8	4.4	1.6	1.1	1.1	1.1	1.6	4.4	9.8
117.5°	26.4	17.6	10.0	4.6	2.1	1.1	1.1	1.1	2.1	4.6	10.0
120°	26.2	18.0	10.5	5.1	2.0	1.1	1.1	1.1	2.0	5.1	10.5
122.5°	26.1	17.8	10.3	5.2	2.3	1.1	1.1	1.1	2.3	5.2	10.3
125°	25.1	17.2	10.2	4.5	2.1	1.1	1.1	1.1	2.1	4.5	10.2
127.5°	24.8	16.5	10.0	4.4	2.1	1.1	1.1	1.1	2.1	4.4	10.0
130°	24.2	16.2	9.8	4.9	2.0	1.1	1.1	1.1	2.0	4.9	9.8
132.5°	23.6	16.3	9.7	5.4	1.8	1.1	1.1	1.1	1.8	5.4	9.7
135°	22.1	15.3	8.9	5.5	2.2	1.6	1.1	1.6	2.2	5.5	8.9
137.5°	21.4	14.5	8.9	5.1	2.1	1.6	1.1	1.6	2.1	5.1	8.9
140°	19.9	13.4	8.9	4.7	2.0	1.6	1.1	1.6	2.0	4.7	8.9
142.5°	18.6	12.7	8.3	4.0	2.0	1.5	1.1	1.5	2.0	4.0	8.3
145°	16.9	12.3	8.0	3.8	2.6	1.9	1.1	1.9	2.6	3.8	8.0
147.5°	15.2	11.1	7.0	3.3	2.5	1.8	1.1	1.8	2.5	3.3	7.0
150°	14.2	10.2	6.3	3.9	3.0	2.1	1.1	2.1	3.0	3.9	6.3
152.5°	13.0	9.1	5.1	3.8	2.8	2.0	1.1	2.0	2.8	3.8	5.1
155°	11.4	7.9	5.2	4.2	3.1	2.1	1.1	2.1	3.1	4.2	5.2
157.5°	9.6	6.1	4.8	3.9	2.9	2.0	1.1	2.0	2.9	3.9	4.8
160°	7.9	6.0	5.0	4.0	3.1	2.1	1.1	2.1	3.1	4.0	5.0
162.5°	6.4	5.5	4.6	3.7	2.8	2.0	1.1	2.0	2.8	3.7	4.6
165°	6.3	5.4	4.6	3.7	2.8	2.0	1.1	2.0	2.8	3.7	4.6
167.5°	5.5	4.7	4.0	3.3	2.5	1.8	1.1	1.8	2.5	3.3	4.0
170°	5.2	4.5	3.8	3.1	2.4	1.8	1.1	1.8	2.4	3.1	3.8
172.5°	4.5	3.9	3.4	2.8	2.2	1.7	1.1	1.7	2.2	2.8	3.4
175°	3.4	3.0	2.6	2.2	1.9	1.5	1.1	1.5	1.9	2.2	2.6
177.5°	2.4	2.2	2.0	1.7	1.5	1.3	1.1	1.3	1.5	1.7	2.0
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P232075

CATALOG NUMBER: FVS4WM-3-LD4-50-2HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
2.5°	2.2	2.4	2.6	2.8	3.0	3.2	3.4	3.6	3.8	4.0	4.2
5°	3.0	3.4	3.8	4.1	4.5	4.9	5.2	5.6	6.0	6.3	6.7
7.5°	3.9	4.5	5.0	5.6	6.1	6.6	7.2	7.7	8.1	8.6	9.1
10°	4.5	5.2	5.8	6.5	7.2	7.9	8.6	9.3	11.1	12.7	14.2
12.5°	4.7	5.5	6.3	7.0	7.8	9.5	11.5	13.5	15.5	17.4	19.3
15°	5.4	6.3	7.1	8.5	10.9	13.2	15.5	17.9	20.1	22.4	24.7
17.5°	5.5	6.4	8.4	11.3	14.1	16.9	19.6	22.3	24.9	27.8	31.1
20°	6.0	7.9	11.0	14.1	17.2	20.2	23.3	26.7	30.6	34.4	38.2
22.5°	6.1	9.6	13.0	16.5	20.0	23.5	27.9	32.2	36.4	40.7	44.9
25°	7.9	11.4	14.9	18.4	22.1	27.1	32.1	37.0	41.8	46.6	51.5
27.5°	9.1	13.0	16.8	20.4	26.1	31.4	36.6	41.9	47.3	52.8	58.2
30°	10.2	14.2	18.3	23.9	29.8	35.4	41.0	47.1	53.3	59.2	64.9
32.5°	11.1	15.2	20.3	26.2	32.3	38.2	45.3	52.2	58.8	65.0	71.9
35°	12.3	16.9	23.0	29.1	35.3	42.4	49.3	56.2	63.6	70.9	78.0
37.5°	12.7	18.6	25.2	31.8	38.9	46.5	54.3	61.5	68.8	76.3	83.7
40°	13.4	19.9	26.4	33.8	41.8	49.6	57.6	65.8	73.8	81.8	89.9
42.5°	14.5	21.4	28.6	36.8	45.0	53.3	61.7	70.0	78.5	87.1	95.7
45°	15.3	22.1	30.2	38.9	47.9	56.8	65.5	74.3	83.2	92.2	101.2
47.5°	16.3	23.6	31.9	40.8	50.5	60.1	69.2	78.4	87.7	97.1	106.7
50°	16.2	24.2	32.9	42.7	52.8	62.6	72.5	82.2	92.0	101.9	111.5
52.5°	16.5	24.8	33.9	44.2	54.5	64.6	75.0	85.6	96.1	106.1	115.9
55°	17.2	25.1	34.7	44.7	55.3	66.6	77.8	88.4	99.4	110.0	120.2
57.5°	17.8	26.1	35.4	45.7	56.5	68.0	80.1	91.4	102.8	113.2	124.0
60°	18.0	26.2	35.6	45.8	58.0	69.8	81.6	93.5	105.0	115.5	126.9
62.5°	17.6	26.4	36.4	46.7	58.5	70.2	82.8	95.4	107.5	118.6	129.4
65°	17.7	26.5	36.0	46.8	58.7	70.9	84.3	97.3	109.5	121.0	132.0
67.5°	17.6	26.5	36.2	47.4	59.1	72.3	85.3	99.0	110.9	122.6	133.9
70°	17.1	26.2	35.7	47.0	58.9	72.5	86.0	99.5	112.0	124.1	135.9
72.5°	16.7	25.4	34.9	46.7	59.7	72.8	87.8	100.9	113.5	125.4	137.5
75°	16.2	24.4	34.5	46.0	58.9	73.4	88.1	101.4	113.8	126.3	138.7
77.5°	14.2	23.0	33.7	45.8	59.9	75.2	88.6	101.5	114.1	126.7	139.1
80°	13.0	21.8	32.8	45.4	60.5	75.2	88.5	101.7	114.3	126.6	139.1
82.5°	9.6	20.1	32.2	46.6	61.1	74.2	87.3	100.4	113.5	126.5	139.1
85°	5.6	19.3	32.7	47.1	60.4	72.9	86.1	100.1	113.2	126.2	139.5
87.5°	1.7	19.6	32.5	45.5	58.5	72.3	85.5	99.7	112.7	126.0	139.6
90°	0.0	18.5	31.6	44.7	57.8	73.0	85.0	98.1	111.2	126.4	138.4
92.5°	1.7	19.6	32.5	45.5	58.5	72.3	85.5	99.7	112.7	126.0	139.6
95°	5.6	19.3	32.7	47.1	60.4	72.9	86.1	100.1	113.2	126.2	139.5
97.5°	9.6	20.1	32.2	46.6	61.1	74.2	87.3	100.4	113.5	126.5	139.1
100°	13.0	21.8	32.8	45.4	60.5	75.2	88.5	101.7	114.3	126.6	139.1
102.5°	14.2	23.0	33.7	45.8	59.9	75.2	88.6	101.5	114.1	126.7	139.1
105°	16.2	24.4	34.5	46.0	58.9	73.4	88.1	101.4	113.8	126.3	138.7
107.5°	16.7	25.4	34.9	46.7	59.7	72.8	87.8	100.9	113.5	125.4	137.5
110°	17.1	26.2	35.7	47.0	58.9	72.5	86.0	99.5	112.0	124.1	135.9



TEST NUMBER: P232075

CATALOG NUMBER: FVS4WM-3-LD4-50-2HI-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°	17.6	26.5	36.2	47.4	59.1	72.3	85.3	99.0	110.9	122.6	133.9
115°	17.7	26.5	36.0	46.8	58.7	70.9	84.3	97.3	109.5	121.0	132.0
117.5°	17.6	26.4	36.4	46.7	58.5	70.2	82.8	95.4	107.5	118.6	129.4
120°	18.0	26.2	35.6	45.8	58.0	69.8	81.6	93.5	105.0	115.5	126.9
122.5°	17.8	26.1	35.4	45.7	56.5	68.0	80.1	91.4	102.8	113.2	124.0
125°	17.2	25.1	34.7	44.7	55.3	66.6	77.8	88.4	99.4	110.0	120.2
127.5°	16.5	24.8	33.9	44.2	54.5	64.6	75.0	85.6	96.1	106.1	115.9
130°	16.2	24.2	32.9	42.7	52.8	62.6	72.5	82.2	92.0	101.9	111.5
132.5°	16.3	23.6	31.9	40.8	50.5	60.1	69.2	78.4	87.7	97.1	106.7
135°	15.3	22.1	30.2	38.9	47.9	56.8	65.5	74.3	83.2	92.2	101.2
137.5°	14.5	21.4	28.6	36.8	45.0	53.3	61.7	70.0	78.5	87.1	95.7
140°	13.4	19.9	26.4	33.8	41.8	49.6	57.6	65.8	73.8	81.8	89.9
142.5°	12.7	18.6	25.2	31.8	38.9	46.5	54.3	61.5	68.8	76.3	83.7
145°	12.3	16.9	23.0	29.1	35.3	42.4	49.3	56.2	63.6	70.9	78.0
147.5°	11.1	15.2	20.3	26.2	32.3	38.2	45.3	52.2	58.8	65.0	71.9
150°	10.2	14.2	18.3	23.9	29.8	35.4	41.0	47.1	53.3	59.2	64.9
152.5°	9.1	13.0	16.8	20.4	26.1	31.4	36.6	41.9	47.3	52.8	58.2
155°	7.9	11.4	14.9	18.4	22.1	27.1	32.1	37.0	41.8	46.6	51.5
157.5°	6.1	9.6	13.0	16.5	20.0	23.5	27.9	32.2	36.4	40.7	44.9
160°	6.0	7.9	11.0	14.1	17.2	20.2	23.3	26.7	30.6	34.4	38.2
162.5°	5.5	6.4	8.4	11.3	14.1	16.9	19.6	22.3	24.9	27.8	31.1
165°	5.4	6.3	7.1	8.5	10.9	13.2	15.5	17.9	20.1	22.4	24.7
167.5°	4.7	5.5	6.3	7.0	7.8	9.5	11.5	13.5	15.5	17.4	19.3
170°	4.5	5.2	5.8	6.5	7.2	7.9	8.6	9.3	11.1	12.7	14.2
172.5°	3.9	4.5	5.0	5.6	6.1	6.6	7.2	7.7	8.1	8.6	9.1
175°	3.0	3.4	3.8	4.1	4.5	4.9	5.2	5.6	6.0	6.3	6.7
177.5°	2.2	2.4	2.6	2.8	3.0	3.2	3.4	3.6	3.8	4.0	4.2
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P232075

CATALOG NUMBER: FVS4WM-3-LD4-50-2HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
2.5°	4.3	4.5	4.7	4.8	5.0	5.2	5.3	5.4	5.6	5.7	5.8
5°	7.0	7.4	7.7	8.0	8.4	8.7	9.0	9.3	9.6	9.9	10.1
7.5°	9.5	9.8	11.2	12.2	13.2	14.2	15.1	16.1	16.9	17.7	18.5
10°	15.8	17.2	18.6	19.9	21.2	22.4	23.6	24.8	25.9	26.9	27.9
12.5°	21.2	23.1	25.0	26.8	28.6	30.4	32.3	34.1	35.8	37.4	38.9
15°	26.8	29.3	31.9	34.5	37.1	39.8	42.4	44.9	47.3	49.2	51.0
17.5°	34.4	37.7	40.8	43.7	46.6	49.3	51.9	54.9	57.9	60.7	63.3
20°	41.9	45.6	49.2	52.6	56.4	59.7	63.0	66.2	69.3	72.5	75.4
22.5°	49.0	53.4	57.8	62.0	66.1	70.0	73.7	77.4	81.1	84.7	87.8
25°	56.5	61.4	66.2	71.0	75.6	80.2	84.4	88.4	92.4	96.3	100.1
27.5°	63.6	68.9	74.3	79.7	85.0	90.1	94.9	99.4	103.8	108.0	112.1
30°	70.6	76.7	82.6	88.3	94.2	100.0	105.2	110.0	114.7	119.3	123.8
32.5°	78.3	84.7	91.1	97.2	103.1	109.2	115.1	120.4	125.3	130.2	135.2
35°	85.0	92.0	98.8	105.3	111.8	118.4	124.8	130.6	136.0	141.0	146.2
37.5°	91.6	99.1	106.3	113.3	120.1	127.0	133.7	140.0	146.2	151.9	157.3
40°	98.1	106.2	113.9	121.0	128.3	135.9	142.9	149.2	155.6	161.7	167.4
42.5°	104.2	112.6	120.6	128.4	135.7	143.6	151.4	158.0	164.5	171.0	177.2
45°	109.9	118.6	127.4	135.5	143.6	151.2	159.0	166.7	173.3	179.8	186.4
47.5°	115.8	124.7	133.5	141.8	150.9	158.9	166.6	174.4	181.6	188.2	195.3
50°	120.9	130.4	140.1	148.2	156.5	165.4	173.9	182.2	189.7	196.4	203.4
52.5°	125.5	135.3	144.9	154.3	162.7	171.3	180.1	188.6	196.7	204.3	211.6
55°	130.1	140.3	150.1	159.4	168.5	177.3	186.3	194.9	203.2	211.3	218.8
57.5°	134.1	144.5	154.6	164.1	174.0	183.0	192.0	201.0	209.5	217.8	225.9
60°	137.6	148.0	159.1	168.6	178.3	187.9	197.5	206.9	215.4	223.5	231.5
62.5°	140.7	151.3	162.3	172.9	182.8	192.5	202.0	211.8	220.9	229.2	237.3
65°	143.4	154.6	165.3	176.0	186.8	197.1	206.6	216.2	225.7	234.1	242.7
67.5°	146.0	157.3	168.3	179.0	190.1	201.1	211.1	220.5	229.9	238.8	247.6
70°	147.7	159.2	170.8	182.0	193.5	204.7	214.8	224.1	233.1	242.0	250.8
72.5°	149.6	160.6	173.0	184.3	195.6	206.2	216.9	227.0	236.4	245.2	254.1
75°	151.3	162.6	174.9	186.5	197.5	208.0	218.8	229.2	238.7	247.8	257.1
77.5°	151.9	163.9	176.0	187.7	198.8	209.8	220.8	231.4	241.0	250.1	259.5
80°	151.8	164.2	176.9	188.7	199.7	211.1	221.9	232.2	242.6	252.1	261.2
82.5°	151.6	164.3	176.7	189.4	200.5	212.3	223.1	233.2	243.7	253.4	262.5
85°	151.6	164.2	176.8	189.1	200.8	212.8	223.7	234.3	244.4	254.2	263.8
87.5°	151.8	164.1	177.2	189.2	201.2	212.8	224.1	235.0	244.3	254.6	263.9
90°	151.5	164.6	177.7	189.7	201.7	212.6	224.6	235.5	244.2	255.1	263.8
92.5°	151.8	164.1	177.2	189.2	201.2	212.8	224.1	235.0	244.3	254.6	263.9
95°	151.6	164.2	176.8	189.1	200.8	212.8	223.7	234.3	244.4	254.2	263.8
97.5°	151.6	164.3	176.7	189.4	200.5	212.3	223.1	233.2	243.7	253.4	262.5
100°	151.8	164.2	176.9	188.7	199.7	211.1	221.9	232.2	242.6	252.1	261.2
102.5°	151.9	163.9	176.0	187.7	198.8	209.8	220.8	231.4	241.0	250.1	259.5
105°	151.3	162.6	174.9	186.5	197.5	208.0	218.8	229.2	238.7	247.8	257.1
107.5°	149.6	160.6	173.0	184.3	195.6	206.2	216.9	227.0	236.4	245.2	254.1
110°	147.7	159.2	170.8	182.0	193.5	204.7	214.8	224.1	233.1	242.0	250.8



TEST NUMBER: P232075

CATALOG NUMBER: FVS4WM-3-LD4-50-2HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	146.0	157.3	168.3	179.0	190.1	201.1	211.1	220.5	229.9	238.8	247.6
115°	143.4	154.6	165.3	176.0	186.8	197.1	206.6	216.2	225.7	234.1	242.7
117.5°	140.7	151.3	162.3	172.9	182.8	192.5	202.0	211.8	220.9	229.2	237.3
120°	137.6	148.0	159.1	168.6	178.3	187.9	197.5	206.9	215.4	223.5	231.5
122.5°	134.1	144.5	154.6	164.1	174.0	183.0	192.0	201.0	209.5	217.8	225.9
125°	130.1	140.3	150.1	159.4	168.5	177.3	186.3	194.9	203.2	211.3	218.8
127.5°	125.5	135.3	144.9	154.3	162.7	171.3	180.1	188.6	196.7	204.3	211.6
130°	120.9	130.4	140.1	148.2	156.5	165.4	173.9	182.2	189.7	196.4	203.4
132.5°	115.8	124.7	133.5	141.8	150.9	158.9	166.6	174.4	181.6	188.2	195.3
135°	109.9	118.6	127.4	135.5	143.6	151.2	159.0	166.7	173.3	179.8	186.4
137.5°	104.2	112.6	120.6	128.4	135.7	143.6	151.4	158.0	164.5	171.0	177.2
140°	98.1	106.2	113.9	121.0	128.3	135.9	142.9	149.2	155.6	161.7	167.4
142.5°	91.6	99.1	106.3	113.3	120.1	127.0	133.7	140.0	146.2	151.9	157.3
145°	85.0	92.0	98.8	105.3	111.8	118.4	124.8	130.6	136.0	141.0	146.2
147.5°	78.3	84.7	91.1	97.2	103.1	109.2	115.1	120.4	125.3	130.2	135.2
150°	70.6	76.7	82.6	88.3	94.2	100.0	105.2	110.0	114.7	119.3	123.8
152.5°	63.6	68.9	74.3	79.7	85.0	90.1	94.9	99.4	103.8	108.0	112.1
155°	56.5	61.4	66.2	71.0	75.6	80.2	84.4	88.4	92.4	96.3	100.1
157.5°	49.0	53.4	57.8	62.0	66.1	70.0	73.7	77.4	81.1	84.7	87.8
160°	41.9	45.6	49.2	52.6	56.4	59.7	63.0	66.2	69.3	72.5	75.4
162.5°	34.4	37.7	40.8	43.7	46.6	49.3	51.9	54.9	57.9	60.7	63.3
165°	26.8	29.3	31.9	34.5	37.1	39.8	42.4	44.9	47.3	49.2	51.0
167.5°	21.2	23.1	25.0	26.8	28.6	30.4	32.3	34.1	35.8	37.4	38.9
170°	15.8	17.2	18.6	19.9	21.2	22.4	23.6	24.8	25.9	26.9	27.9
172.5°	9.5	9.8	11.2	12.2	13.2	14.2	15.1	16.1	16.9	17.7	18.5
175°	7.0	7.4	7.7	8.0	8.4	8.7	9.0	9.3	9.6	9.9	10.1
177.5°	4.3	4.5	4.7	4.8	5.0	5.2	5.3	5.4	5.6	5.7	5.8
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: P232075

CATALOG NUMBER: FVS4WM-3-LD4-50-2HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
2.5°	5.9	6.0	6.1	6.2	6.3	6.4	6.4	6.5	6.5	6.6	7.1
5°	10.4	10.6	10.9	11.1	11.3	11.5	11.6	11.8	11.9	12.0	13.0
7.5°	19.2	19.8	20.5	21.2	21.8	22.3	22.8	23.3	23.7	24.0	25.5
10°	28.9	29.7	30.5	31.2	32.1	33.0	33.9	34.7	35.4	36.0	37.8
12.5°	40.3	41.7	42.9	44.1	45.1	46.3	47.4	48.5	49.4	50.2	52.6
15°	52.6	54.2	55.7	57.2	58.5	59.8	61.1	62.3	63.4	64.3	67.3
17.5°	65.4	67.4	69.4	71.2	72.9	74.3	75.8	77.2	78.5	79.6	83.2
20°	78.1	80.6	83.1	85.6	87.4	89.1	90.6	92.2	93.6	94.8	99.2
22.5°	90.8	93.6	96.4	99.1	101.5	103.3	105.0	106.7	108.5	110.1	114.6
25°	103.5	106.7	109.7	112.7	115.4	117.5	119.3	121.2	123.4	125.4	129.9
27.5°	115.9	119.5	122.8	126.0	128.9	131.4	133.5	135.5	137.9	140.1	145.5
30°	128.1	132.2	135.8	139.1	142.2	145.1	147.6	149.8	152.5	154.8	161.2
32.5°	139.9	144.3	148.3	151.9	155.2	158.2	160.9	163.3	165.9	168.4	175.3
35°	151.1	155.8	160.3	164.3	168.1	171.2	174.1	176.7	179.4	182.0	189.4
37.5°	162.3	167.1	171.8	176.1	180.3	183.4	186.3	189.0	192.0	195.1	202.6
40°	172.7	177.7	182.8	187.7	191.9	195.5	198.5	201.3	204.5	208.2	215.8
42.5°	183.1	188.2	193.3	198.4	202.8	206.7	209.8	212.9	216.2	219.7	228.0
45°	192.4	198.1	203.5	208.3	213.2	217.7	220.9	224.4	227.9	231.1	240.2
47.5°	201.7	207.5	213.3	218.4	223.2	227.8	231.0	234.6	238.2	242.0	251.5
50°	210.2	216.1	222.4	228.2	233.4	237.8	241.1	244.7	248.6	252.9	262.8
52.5°	218.6	224.7	230.9	236.8	242.1	246.7	250.5	254.1	257.7	262.2	272.4
55°	225.9	232.6	238.9	244.7	250.2	255.3	259.8	263.5	266.9	271.4	282.0
57.5°	233.2	240.0	246.5	252.4	257.9	263.2	267.6	271.2	274.9	279.6	290.6
60°	239.3	246.6	253.7	259.8	265.5	270.9	275.4	278.9	283.0	287.8	299.1
62.5°	245.1	252.7	259.6	266.2	272.0	277.3	282.0	285.7	289.5	294.9	306.4
65°	250.6	257.8	265.1	272.1	278.1	283.5	288.5	292.5	296.0	301.9	313.7
67.5°	255.6	262.9	270.0	277.1	283.4	288.8	293.9	297.9	301.3	307.4	319.4
70°	259.4	267.4	274.6	281.6	288.5	293.9	299.1	303.2	306.7	312.8	325.1
72.5°	262.9	271.1	278.4	285.2	292.3	297.7	302.9	307.1	310.9	316.7	329.1
75°	265.9	274.4	281.8	288.6	295.8	301.3	306.6	310.9	315.2	320.5	333.6
77.5°	268.4	276.6	284.1	291.2	298.5	304.0	309.7	313.6	317.9	323.2	336.3
80°	270.6	278.4	286.0	293.5	301.1	306.5	312.8	316.2	320.6	325.9	339.0
82.5°	271.8	279.8	287.5	295.1	302.1	308.1	314.0	317.8	321.6	327.6	340.1
85°	272.6	281.2	288.9	296.5	303.1	309.6	315.0	319.4	322.7	329.2	341.2
87.5°	272.6	281.3	289.5	296.5	303.6	309.6	315.6	320.0	323.2	329.8	342.3
90°	272.5	281.2	290.0	296.5	304.1	309.6	316.1	320.5	323.7	330.3	343.4
92.5°	272.6	281.3	289.5	296.5	303.6	309.6	315.6	320.0	323.2	329.8	342.3
95°	272.6	281.2	288.9	296.5	303.1	309.6	315.0	319.4	322.7	329.2	341.2
97.5°	271.8	279.8	287.5	295.1	302.1	308.1	314.0	317.8	321.6	327.6	340.1
100°	270.6	278.4	286.0	293.5	301.1	306.5	312.8	316.2	320.6	325.9	339.0
102.5°	268.4	276.6	284.1	291.2	298.5	304.0	309.7	313.6	317.9	323.2	336.3
105°	265.9	274.4	281.8	288.6	295.8	301.3	306.6	310.9	315.2	320.5	333.6
107.5°	262.9	271.1	278.4	285.2	292.3	297.7	302.9	307.1	310.9	316.7	329.1
110°	259.4	267.4	274.6	281.6	288.5	293.9	299.1	303.2	306.7	312.8	325.1



TEST NUMBER: P232075

CATALOG NUMBER: FVS4WM-3-LD4-50-2HI-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°	255.6	262.9	270.0	277.1	283.4	288.8	293.9	297.9	301.3	307.4	319.4
115°	250.6	257.8	265.1	272.1	278.1	283.5	288.5	292.5	296.0	301.9	313.7
117.5°	245.1	252.7	259.6	266.2	272.0	277.3	282.0	285.7	289.5	294.9	306.4
120°	239.3	246.6	253.7	259.8	265.5	270.9	275.4	278.9	283.0	287.8	299.1
122.5°	233.2	240.0	246.5	252.4	257.9	263.2	267.6	271.2	274.9	279.6	290.6
125°	225.9	232.6	238.9	244.7	250.2	255.3	259.8	263.5	266.9	271.4	282.0
127.5°	218.6	224.7	230.9	236.8	242.1	246.7	250.5	254.1	257.7	262.2	272.4
130°	210.2	216.1	222.4	228.2	233.4	237.8	241.1	244.7	248.6	252.9	262.8
132.5°	201.7	207.5	213.3	218.4	223.2	227.8	231.0	234.6	238.2	242.0	251.5
135°	192.4	198.1	203.5	208.3	213.2	217.7	220.9	224.4	227.9	231.1	240.2
137.5°	183.1	188.2	193.3	198.4	202.8	206.7	209.8	212.9	216.2	219.7	228.0
140°	172.7	177.7	182.8	187.7	191.9	195.5	198.5	201.3	204.5	208.2	215.8
142.5°	162.3	167.1	171.8	176.1	180.3	183.4	186.3	189.0	192.0	195.1	202.6
145°	151.1	155.8	160.3	164.3	168.1	171.2	174.1	176.7	179.4	182.0	189.4
147.5°	139.9	144.3	148.3	151.9	155.2	158.2	160.9	163.3	165.9	168.4	175.3
150°	128.1	132.2	135.8	139.1	142.2	145.1	147.6	149.8	152.5	154.8	161.2
152.5°	115.9	119.5	122.8	126.0	128.9	131.4	133.5	135.5	137.9	140.1	145.5
155°	103.5	106.7	109.7	112.7	115.4	117.5	119.3	121.2	123.4	125.4	129.9
157.5°	90.8	93.6	96.4	99.1	101.5	103.3	105.0	106.7	108.5	110.1	114.6
160°	78.1	80.6	83.1	85.6	87.4	89.1	90.6	92.2	93.6	94.8	99.2
162.5°	65.4	67.4	69.4	71.2	72.9	74.3	75.8	77.2	78.5	79.6	83.2
165°	52.6	54.2	55.7	57.2	58.5	59.8	61.1	62.3	63.4	64.3	67.3
167.5°	40.3	41.7	42.9	44.1	45.1	46.3	47.4	48.5	49.4	50.2	52.6
170°	28.9	29.7	30.5	31.2	32.1	33.0	33.9	34.7	35.4	36.0	37.8
172.5°	19.2	19.8	20.5	21.2	21.8	22.3	22.8	23.3	23.7	24.0	25.5
175°	10.4	10.6	10.9	11.1	11.3	11.5	11.6	11.8	11.9	12.0	13.0
177.5°	5.9	6.0	6.1	6.2	6.3	6.4	6.4	6.5	6.5	6.6	7.1
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P232075

CATALOG NUMBER: FVS4WM-3-LD4-50-2HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
2.5°	7.6	8.1	8.6	9.0	9.5	9.9	10.3	10.7	11.1	11.5	11.8
5°	14.0	15.0	16.0	16.9	17.8	18.7	19.5	20.3	21.1	21.8	22.5
7.5°	26.9	28.2	29.4	30.6	31.7	32.7	34.0	36.5	38.8	41.0	43.1
10°	39.6	41.3	42.8	44.3	46.2	49.9	53.5	57.0	60.3	63.3	66.4
12.5°	54.8	57.0	58.9	61.8	66.3	70.8	75.0	79.1	83.8	89.1	94.0
15°	70.2	72.9	75.8	81.2	86.4	91.5	96.7	104.2	111.3	117.9	125.1
17.5°	86.7	90.0	95.3	101.5	107.4	114.0	122.9	131.6	140.0	148.0	155.5
20°	103.3	107.5	114.8	121.9	129.0	139.2	149.1	158.8	168.6	178.0	186.8
22.5°	118.8	124.7	133.2	141.3	152.3	163.9	175.1	186.7	197.9	209.1	221.2
25°	134.1	141.8	151.4	161.9	175.7	189.0	202.1	214.8	227.9	242.4	256.2
27.5°	150.6	160.4	170.8	184.0	198.6	213.3	228.0	242.8	259.9	276.3	290.8
30°	167.3	179.0	190.5	205.3	221.0	237.1	253.6	271.9	290.1	306.8	322.5
32.5°	182.8	195.2	208.6	225.0	242.1	260.8	280.0	299.9	318.8	336.5	354.8
35°	198.1	211.1	226.6	244.4	264.1	285.2	305.3	326.2	346.8	366.9	387.6
37.5°	212.5	227.0	244.7	263.6	285.1	307.1	329.7	352.6	377.2	397.3	418.9
40°	227.1	243.1	262.5	283.0	305.1	329.4	354.1	378.8	402.7	425.8	449.4
42.5°	240.7	257.4	278.2	300.6	324.2	351.0	377.9	404.5	428.9	453.7	478.7
45°	254.0	271.8	293.3	317.7	343.6	371.0	400.4	428.2	453.9	480.4	506.5
47.5°	266.7	285.9	307.7	334.1	362.1	391.3	422.5	451.1	478.4	507.3	533.0
50°	279.4	299.7	322.0	349.9	380.4	411.2	441.8	471.3	500.8	529.7	558.3
52.5°	289.6	310.8	335.3	364.8	397.2	429.1	460.3	491.4	522.8	552.4	581.6
55°	299.5	321.6	348.2	379.3	412.3	446.4	479.0	510.6	542.2	573.6	604.5
57.5°	308.8	332.1	360.2	392.4	425.8	462.4	496.1	528.5	561.1	594.4	627.5
60°	318.1	342.3	371.7	404.4	438.8	476.7	511.1	545.7	580.2	613.5	644.8
62.5°	325.8	352.0	382.4	415.9	451.9	489.6	525.4	562.1	598.1	630.6	662.2
65°	333.4	361.6	392.4	427.3	464.5	501.8	538.6	574.9	611.9	646.0	678.4
67.5°	339.7	368.6	400.8	437.2	474.9	512.7	550.4	587.3	624.7	660.8	692.4
70°	345.9	375.2	408.9	446.3	484.1	522.6	561.5	599.4	636.2	672.1	706.6
72.5°	350.9	380.6	414.7	453.0	492.3	531.5	570.8	609.7	646.5	683.6	720.0
75°	355.8	385.7	419.9	458.9	500.1	539.4	578.3	618.5	656.2	692.6	728.4
77.5°	359.6	390.0	424.7	464.4	505.3	545.2	584.9	625.8	663.6	699.9	736.3
80°	364.1	394.1	429.3	469.6	509.4	549.9	591.1	631.3	668.2	705.9	742.5
82.5°	365.2	396.8	433.8	472.4	512.7	552.8	595.5	634.5	672.4	710.4	747.1
85°	366.3	397.9	435.9	475.2	516.6	555.8	600.4	637.7	676.0	713.3	750.1
87.5°	366.8	397.4	434.9	475.3	517.8	556.9	600.1	638.7	677.5	716.5	752.1
90°	367.3	396.8	433.8	475.3	518.9	558.1	599.5	639.9	676.9	718.3	752.1
92.5°	366.8	397.4	434.9	475.3	517.8	556.9	600.1	638.7	677.5	716.5	752.1
95°	366.3	397.9	435.9	475.2	516.6	555.8	600.4	637.7	676.0	713.3	750.1
97.5°	365.2	396.8	433.8	472.4	512.7	552.8	595.5	634.5	672.4	710.4	747.1
100°	364.1	394.1	429.3	469.6	509.4	549.9	591.1	631.3	668.2	705.9	742.5
102.5°	359.6	390.0	424.7	464.4	505.3	545.2	584.9	625.8	663.6	699.9	736.3
105°	355.8	385.7	419.9	458.9	500.1	539.4	578.3	618.5	656.2	692.6	728.4
107.5°	350.9	380.6	414.7	453.0	492.3	531.5	570.8	609.7	646.5	683.6	720.0
110°	345.9	375.2	408.9	446.3	484.1	522.6	561.5	599.4	636.2	672.1	706.6



TEST NUMBER: P232075

CATALOG NUMBER: FVS4WM-3-LD4-50-2HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	339.7	368.6	400.8	437.2	474.9	512.7	550.4	587.3	624.7	660.8	692.4
115°	333.4	361.6	392.4	427.3	464.5	501.8	538.6	574.9	611.9	646.0	678.4
117.5°	325.8	352.0	382.4	415.9	451.9	489.6	525.4	562.1	598.1	630.6	662.2
120°	318.1	342.3	371.7	404.4	438.8	476.7	511.1	545.7	580.2	613.5	644.8
122.5°	308.8	332.1	360.2	392.4	425.8	462.4	496.1	528.5	561.1	594.4	627.5
125°	299.5	321.6	348.2	379.3	412.3	446.4	479.0	510.6	542.2	573.6	604.5
127.5°	289.6	310.8	335.3	364.8	397.2	429.1	460.3	491.4	522.8	552.4	581.6
130°	279.4	299.7	322.0	349.9	380.4	411.2	441.8	471.3	500.8	529.7	558.3
132.5°	266.7	285.9	307.7	334.1	362.1	391.3	422.5	451.1	478.4	507.3	533.0
135°	254.0	271.8	293.3	317.7	343.6	371.0	400.4	428.2	453.9	480.4	506.5
137.5°	240.7	257.4	278.2	300.6	324.2	351.0	377.9	404.5	428.9	453.7	478.7
140°	227.1	243.1	262.5	283.0	305.1	329.4	354.1	378.8	402.7	425.8	449.4
142.5°	212.5	227.0	244.7	263.6	285.1	307.1	329.7	352.6	377.2	397.3	418.9
145°	198.1	211.1	226.6	244.4	264.1	285.2	305.3	326.2	346.8	366.9	387.6
147.5°	182.8	195.2	208.6	225.0	242.1	260.8	280.0	299.9	318.8	336.5	354.8
150°	167.3	179.0	190.5	205.3	221.0	237.1	253.6	271.9	290.1	306.8	322.5
152.5°	150.6	160.4	170.8	184.0	198.6	213.3	228.0	242.8	259.9	276.3	290.8
155°	134.1	141.8	151.4	161.9	175.7	189.0	202.1	214.8	227.9	242.4	256.2
157.5°	118.8	124.7	133.2	141.3	152.3	163.9	175.1	186.7	197.9	209.1	221.2
160°	103.3	107.5	114.8	121.9	129.0	139.2	149.1	158.8	168.6	178.0	186.8
162.5°	86.7	90.0	95.3	101.5	107.4	114.0	122.9	131.6	140.0	148.0	155.5
165°	70.2	72.9	75.8	81.2	86.4	91.5	96.7	104.2	111.3	117.9	125.1
167.5°	54.8	57.0	58.9	61.8	66.3	70.8	75.0	79.1	83.8	89.1	94.0
170°	39.6	41.3	42.8	44.3	46.2	49.9	53.5	57.0	60.3	63.3	66.4
172.5°	26.9	28.2	29.4	30.6	31.7	32.7	34.0	36.5	38.8	41.0	43.1
175°	14.0	15.0	16.0	16.9	17.8	18.7	19.5	20.3	21.1	21.8	22.5
177.5°	7.6	8.1	8.6	9.0	9.5	9.9	10.3	10.7	11.1	11.5	11.8
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: P232075

CATALOG NUMBER: FVS4WM-3-LD4-50-2HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
2.5°	12.1	12.4	12.7	13.0	13.2	13.4	13.6	13.8	13.9	14.1	14.1
5°	24.1	25.6	27.0	28.4	29.7	30.9	32.0	33.1	34.1	35.0	35.8
7.5°	45.1	46.9	48.5	50.0	51.5	53.7	55.3	57.9	60.2	62.3	64.2
10°	70.0	73.7	77.2	80.4	83.5	86.4	89.0	91.9	94.8	97.3	99.6
12.5°	98.5	102.7	106.8	112.3	117.4	122.2	126.6	130.6	134.2	137.8	141.3
15°	130.6	136.9	143.0	148.8	154.6	160.5	166.0	171.2	176.3	180.9	185.3
17.5°	162.6	170.6	178.1	186.2	193.8	200.8	207.7	214.4	220.5	225.9	231.0
20°	196.8	206.7	216.2	225.4	234.5	243.6	252.0	259.5	266.3	272.5	278.1
22.5°	232.9	244.3	256.1	267.3	278.1	286.7	295.1	303.0	310.9	318.1	324.1
25°	269.6	283.0	298.1	307.8	318.2	328.2	338.4	348.2	357.3	365.1	371.0
27.5°	304.9	319.3	333.5	346.5	358.8	370.5	383.7	391.8	400.7	408.4	415.6
30°	339.1	356.3	372.3	386.6	400.2	412.2	423.3	434.0	443.9	453.0	462.5
32.5°	374.0	392.1	409.0	425.0	438.6	451.0	463.8	475.8	486.7	496.2	505.6
35°	407.7	426.5	444.7	461.8	476.9	490.7	504.4	517.1	528.9	539.2	547.9
37.5°	440.2	460.7	480.7	498.8	513.7	529.0	544.4	557.9	569.5	582.1	589.5
40°	472.5	493.7	513.8	531.7	549.4	567.8	583.4	596.6	608.9	619.8	629.8
42.5°	502.4	524.8	545.5	564.9	584.3	602.1	618.3	633.1	647.8	658.4	670.0
45°	531.7	554.6	576.7	598.1	617.1	635.5	652.6	668.4	682.6	695.0	705.9
47.5°	558.9	583.2	607.3	629.3	648.3	667.4	685.7	703.3	717.7	730.0	741.2
50°	585.3	610.7	635.2	657.4	677.9	698.0	716.4	734.1	751.1	763.1	774.8
52.5°	610.0	636.6	661.4	684.8	706.7	726.7	745.9	765.0	779.4	793.6	806.6
55°	633.6	660.8	686.7	709.6	732.7	755.3	775.0	792.2	808.0	822.8	835.2
57.5°	653.9	682.4	709.0	734.7	758.6	780.2	800.5	819.0	834.8	849.7	863.5
60°	673.0	705.3	731.6	757.1	781.3	803.4	824.0	842.9	859.8	875.8	890.1
62.5°	693.2	724.0	751.5	778.0	802.5	824.8	845.9	865.8	882.9	898.9	913.6
65°	710.4	741.4	769.8	796.5	821.7	844.7	866.2	886.3	904.0	920.1	935.6
67.5°	724.7	757.6	786.0	813.5	839.2	863.0	884.9	904.8	923.3	939.8	955.1
70°	738.8	772.2	800.5	829.5	855.5	879.5	901.1	921.0	940.1	957.0	973.1
72.5°	751.5	782.9	813.5	842.6	868.8	895.1	916.6	936.5	955.9	973.4	989.5
75°	761.2	793.0	824.4	853.2	879.7	905.3	927.9	949.7	970.1	987.1	1002.8
77.5°	769.4	802.0	832.8	862.1	889.4	914.3	937.8	959.8	979.0	997.8	1014.6
80°	775.9	808.9	839.4	869.0	896.9	921.8	945.6	967.5	987.7	1006.6	1023.6
82.5°	781.1	814.0	844.8	873.8	902.7	927.8	950.8	973.5	993.9	1012.6	1030.0
85°	784.7	816.6	848.6	877.3	905.1	930.9	954.3	977.1	997.0	1016.7	1033.3
87.5°	786.6	819.5	851.7	880.1	907.6	933.1	957.4	979.4	998.7	1019.1	1035.4
90°	785.9	820.8	852.4	880.8	909.1	933.1	958.2	981.0	999.6	1018.1	1034.5
92.5°	786.6	819.5	851.7	880.1	907.6	933.1	957.4	979.4	998.7	1019.1	1035.4
95°	784.7	816.6	848.6	877.3	905.1	930.9	954.3	977.1	997.0	1016.7	1033.3
97.5°	781.1	814.0	844.8	873.8	902.7	927.8	950.8	973.5	993.9	1012.6	1030.0
100°	775.9	808.9	839.4	869.0	896.9	921.8	945.6	967.5	987.7	1006.6	1023.6
102.5°	769.4	802.0	832.8	862.1	889.4	914.3	937.8	959.8	979.0	997.8	1014.6
105°	761.2	793.0	824.4	853.2	879.7	905.3	927.9	949.7	970.1	987.1	1002.8
107.5°	751.5	782.9	813.5	842.6	868.8	895.1	916.6	936.5	955.9	973.4	989.5
110°	738.8	772.2	800.5	829.5	855.5	879.5	901.1	921.0	940.1	957.0	973.1



TEST NUMBER: P232075

CATALOG NUMBER: FVS4WM-3-LD4-50-2HI-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°	724.7	757.6	786.0	813.5	839.2	863.0	884.9	904.8	923.3	939.8	955.1
115°	710.4	741.4	769.8	796.5	821.7	844.7	866.2	886.3	904.0	920.1	935.6
117.5°	693.2	724.0	751.5	778.0	802.5	824.8	845.9	865.8	882.9	898.9	913.6
120°	673.0	705.3	731.6	757.1	781.3	803.4	824.0	842.9	859.8	875.8	890.1
122.5°	653.9	682.4	709.0	734.7	758.6	780.2	800.5	819.0	834.8	849.7	863.5
125°	633.6	660.8	686.7	709.6	732.7	755.3	775.0	792.2	808.0	822.8	835.2
127.5°	610.0	636.6	661.4	684.8	706.7	726.7	745.9	765.0	779.4	793.6	806.6
130°	585.3	610.7	635.2	657.4	677.9	698.0	716.4	734.1	751.1	763.1	774.8
132.5°	558.9	583.2	607.3	629.3	648.3	667.4	685.7	703.3	717.7	730.0	741.2
135°	531.7	554.6	576.7	598.1	617.1	635.5	652.6	668.4	682.6	695.0	705.9
137.5°	502.4	524.8	545.5	564.9	584.3	602.1	618.3	633.1	647.8	658.4	670.0
140°	472.5	493.7	513.8	531.7	549.4	567.8	583.4	596.6	608.9	619.8	629.8
142.5°	440.2	460.7	480.7	498.8	513.7	529.0	544.4	557.9	569.5	582.1	589.5
145°	407.7	426.5	444.7	461.8	476.9	490.7	504.4	517.1	528.9	539.2	547.9
147.5°	374.0	392.1	409.0	425.0	438.6	451.0	463.8	475.8	486.7	496.2	505.6
150°	339.1	356.3	372.3	386.6	400.2	412.2	423.3	434.0	443.9	453.0	462.5
152.5°	304.9	319.3	333.5	346.5	358.8	370.5	383.7	391.8	400.7	408.4	415.6
155°	269.6	283.0	298.1	307.8	318.2	328.2	338.4	348.2	357.3	365.1	371.0
157.5°	232.9	244.3	256.1	267.3	278.1	286.7	295.1	303.0	310.9	318.1	324.1
160°	196.8	206.7	216.2	225.4	234.5	243.6	252.0	259.5	266.3	272.5	278.1
162.5°	162.6	170.6	178.1	186.2	193.8	200.8	207.7	214.4	220.5	225.9	231.0
165°	130.6	136.9	143.0	148.8	154.6	160.5	166.0	171.2	176.3	180.9	185.3
167.5°	98.5	102.7	106.8	112.3	117.4	122.2	126.6	130.6	134.2	137.8	141.3
170°	70.0	73.7	77.2	80.4	83.5	86.4	89.0	91.9	94.8	97.3	99.6
172.5°	45.1	46.9	48.5	50.0	51.5	53.7	55.3	57.9	60.2	62.3	64.2
175°	24.1	25.6	27.0	28.4	29.7	30.9	32.0	33.1	34.1	35.0	35.8
177.5°	12.1	12.4	12.7	13.0	13.2	13.4	13.6	13.8	13.9	14.1	14.1
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P232075

CATALOG NUMBER: FVS4WM-3-LD4-50-2HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
2.5°	14.2	14.3	14.3	14.3	14.2	14.2	14.5	14.3	14.0	13.8	13.6
5°	36.5	37.2	37.7	38.2	38.6	38.9	39.0	39.1	39.9	39.5	39.1
7.5°	65.9	67.3	68.6	69.6	70.5	71.1	71.5	71.7	71.7	72.4	71.5
10°	101.4	104.0	106.2	108.2	109.8	111.2	112.3	113.1	113.6	115.2	114.2
12.5°	144.3	147.0	149.3	151.6	154.0	156.0	157.6	158.6	159.2	159.3	159.9
15°	189.3	192.8	195.5	197.7	199.3	201.1	203.0	204.4	205.3	205.8	206.7
17.5°	235.5	239.6	243.0	245.7	247.9	249.4	250.8	252.4	253.2	253.4	254.1
20°	283.1	287.4	291.0	294.3	297.0	299.3	301.1	302.6	303.7	303.9	304.9
22.5°	328.9	332.6	336.2	341.4	345.2	347.7	349.0	349.1	350.5	351.5	353.5
25°	376.9	382.6	388.0	391.7	394.4	396.3	397.4	397.8	398.0	399.0	398.9
27.5°	422.6	429.0	434.1	437.9	440.1	443.1	444.9	445.7	445.6	446.9	447.6
30°	468.6	474.7	479.9	484.0	486.9	489.0	491.1	492.1	491.9	491.8	491.8
32.5°	513.3	519.5	524.6	529.5	532.4	533.9	535.0	536.4	536.9	536.8	536.8
35°	555.7	562.5	567.9	571.8	574.8	576.8	577.7	578.9	579.0	577.5	578.0
37.5°	597.4	604.6	610.5	615.0	618.2	620.4	621.2	621.2	620.7	618.9	618.4
40°	639.1	647.0	652.7	656.9	659.9	661.8	662.4	661.4	661.0	659.8	658.8
42.5°	679.2	686.2	692.2	696.2	699.5	701.9	702.0	700.7	699.4	697.8	695.3
45°	715.5	723.1	729.0	733.6	737.4	740.8	739.1	737.9	735.7	734.7	732.5
47.5°	751.3	758.7	765.2	770.4	773.4	774.3	774.1	773.6	771.5	769.9	767.4
50°	784.1	792.5	800.9	806.2	809.1	810.9	811.3	809.6	806.5	803.5	801.8
52.5°	816.6	828.1	835.5	840.2	843.0	844.3	844.7	843.0	840.1	836.9	835.3
55°	845.7	857.0	864.9	869.7	872.8	875.3	876.2	874.4	871.5	867.9	866.1
57.5°	875.7	885.3	892.3	898.9	904.4	906.1	906.8	905.1	901.3	897.4	894.8
60°	901.8	911.4	920.4	927.5	932.7	935.1	935.6	934.5	930.5	926.0	922.1
62.5°	925.4	936.8	946.3	954.0	958.9	960.6	962.0	961.1	957.3	952.4	948.0
65°	948.1	959.5	969.6	976.6	982.9	985.8	986.3	985.2	982.0	976.2	972.3
67.5°	969.5	980.9	990.2	997.5	1003.7	1007.5	1008.5	1007.6	1004.6	998.9	993.7
70°	986.6	998.8	1008.8	1016.8	1022.9	1027.6	1028.7	1027.8	1025.7	1019.9	1013.1
72.5°	1003.1	1015.7	1026.4	1033.1	1039.1	1043.6	1045.7	1045.4	1043.4	1037.8	1031.0
75°	1017.3	1029.6	1039.8	1047.5	1053.6	1057.1	1059.0	1060.2	1058.2	1054.0	1046.9
77.5°	1029.2	1041.4	1050.8	1058.8	1064.6	1068.4	1070.4	1071.6	1070.7	1068.0	1060.6
80°	1038.3	1050.8	1060.4	1069.1	1074.4	1077.8	1079.7	1080.2	1079.4	1078.0	1072.5
82.5°	1045.0	1056.8	1067.1	1075.4	1081.1	1084.3	1086.3	1086.5	1085.4	1083.2	1081.9
85°	1048.5	1060.6	1071.3	1078.7	1084.4	1088.0	1089.9	1090.3	1089.0	1087.1	1084.8
87.5°	1050.8	1062.3	1072.3	1079.2	1084.8	1088.4	1089.8	1090.4	1089.1	1086.9	1084.5
90°	1050.8	1061.7	1071.5	1079.2	1083.5	1086.8	1087.9	1087.9	1085.7	1081.3	1077.0
92.5°	1050.8	1062.3	1072.3	1079.2	1084.8	1088.4	1089.8	1090.4	1089.1	1086.9	1084.5
95°	1048.5	1060.6	1071.3	1078.7	1084.4	1088.0	1089.9	1090.3	1089.0	1087.1	1084.8
97.5°	1045.0	1056.8	1067.1	1075.4	1081.1	1084.3	1086.3	1086.5	1085.4	1083.2	1081.9
100°	1038.3	1050.8	1060.4	1069.1	1074.4	1077.8	1079.7	1080.2	1079.4	1078.0	1072.5
102.5°	1029.2	1041.4	1050.8	1058.8	1064.6	1068.4	1070.4	1071.6	1070.7	1068.0	1060.6
105°	1017.3	1029.6	1039.8	1047.5	1053.6	1057.1	1059.0	1060.2	1058.2	1054.0	1046.9
107.5°	1003.1	1015.7	1026.4	1033.1	1039.1	1043.6	1045.7	1045.4	1043.4	1037.8	1031.0
110°	986.6	998.8	1008.8	1016.8	1022.9	1027.6	1028.7	1027.8	1025.7	1019.9	1013.1



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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°	969.5	980.9	990.2	997.5	1003.7	1007.5	1008.5	1007.6	1004.6	998.9	993.7
115°	948.1	959.5	969.6	976.6	982.9	985.8	986.3	985.2	982.0	976.2	972.3
117.5°	925.4	936.8	946.3	954.0	958.9	960.6	962.0	961.1	957.3	952.4	948.0
120°	901.8	911.4	920.4	927.5	932.7	935.1	935.6	934.5	930.5	926.0	922.1
122.5°	875.7	885.3	892.3	898.9	904.4	906.1	906.8	905.1	901.3	897.4	894.8
125°	845.7	857.0	864.9	869.7	872.8	875.3	876.2	874.4	871.5	867.9	866.1
127.5°	816.6	828.1	835.5	840.2	843.0	844.3	844.7	843.0	840.1	836.9	835.3
130°	784.1	792.5	800.9	806.2	809.1	810.9	811.3	809.6	806.5	803.5	801.8
132.5°	751.3	758.7	765.2	770.4	773.4	774.3	774.1	773.6	771.5	769.9	767.4
135°	715.5	723.1	729.0	733.6	737.4	740.8	739.1	737.9	735.7	734.7	732.5
137.5°	679.2	686.2	692.2	696.2	699.5	701.9	702.0	700.7	699.4	697.8	695.3
140°	639.1	647.0	652.7	656.9	659.9	661.8	662.4	661.4	661.0	659.8	658.8
142.5°	597.4	604.6	610.5	615.0	618.2	620.4	621.2	621.2	620.7	618.9	618.4
145°	555.7	562.5	567.9	571.8	574.8	576.8	577.7	578.9	579.0	577.5	578.0
147.5°	513.3	519.5	524.6	529.5	532.4	533.9	535.0	536.4	536.9	536.8	536.8
150°	468.6	474.7	479.9	484.0	486.9	489.0	491.1	492.1	491.9	491.8	491.8
152.5°	422.6	429.0	434.1	437.9	440.1	443.1	444.9	445.7	445.6	446.9	447.6
155°	376.9	382.6	388.0	391.7	394.4	396.3	397.4	397.8	398.0	399.0	398.9
157.5°	328.9	332.6	336.2	341.4	345.2	347.7	349.0	349.1	350.5	351.5	353.5
160°	283.1	287.4	291.0	294.3	297.0	299.3	301.1	302.6	303.7	303.9	304.9
162.5°	235.5	239.6	243.0	245.7	247.9	249.4	250.8	252.4	253.2	253.4	254.1
165°	189.3	192.8	195.5	197.7	199.3	201.1	203.0	204.4	205.3	205.8	206.7
167.5°	144.3	147.0	149.3	151.6	154.0	156.0	157.6	158.6	159.2	159.3	159.9
170°	101.4	104.0	106.2	108.2	109.8	111.2	112.3	113.1	113.6	115.2	114.2
172.5°	65.9	67.3	68.6	69.6	70.5	71.1	71.5	71.7	71.7	72.4	71.5
175°	36.5	37.2	37.7	38.2	38.6	38.9	39.0	39.1	39.9	39.5	39.1
177.5°	14.2	14.3	14.3	14.3	14.2	14.2	14.5	14.3	14.0	13.8	13.6
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: P232075

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CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	1.1	1.1
2.5°	13.3	13.1
5°	38.6	38.2
7.5°	70.7	69.8
10°	113.3	112.3
12.5°	158.4	157.0
15°	205.3	203.8
17.5°	251.8	249.6
20°	302.4	299.8
22.5°	351.7	349.9
25°	398.2	395.7
27.5°	447.8	445.8
30°	491.2	488.3
32.5°	536.1	533.0
35°	578.5	576.6
37.5°	619.1	617.0
40°	659.0	656.2
42.5°	695.2	692.2
45°	733.0	730.3
47.5°	768.6	767.4
50°	801.2	797.9
52.5°	834.9	832.8
55°	866.0	864.4
57.5°	894.7	893.8
60°	921.9	920.0
62.5°	946.2	947.3
65°	971.4	971.2
67.5°	992.4	993.0
70°	1010.9	1012.7
72.5°	1028.9	1030.1
75°	1043.3	1046.4
77.5°	1055.6	1060.6
80°	1066.8	1070.4
82.5°	1075.9	1079.2
85°	1084.3	1084.6
87.5°	1085.7	1089.0
90°	1073.7	1083.5
92.5°	1085.7	1089.0
95°	1084.3	1084.6
97.5°	1075.9	1079.2
100°	1066.8	1070.4
102.5°	1055.6	1060.6
105°	1043.3	1046.4
107.5°	1028.9	1030.1
110°	1010.9	1012.7



TEST NUMBER: P232075

CATALOG NUMBER: FVS4WM-3-LD4-50-2HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	992.4	993.0
115°	971.4	971.2
117.5°	946.2	947.3
120°	921.9	920.0
122.5°	894.7	893.8
125°	866.0	864.4
127.5°	834.9	832.8
130°	801.2	797.9
132.5°	768.6	767.4
135°	733.0	730.3
137.5°	695.2	692.2
140°	659.0	656.2
142.5°	619.1	617.0
145°	578.5	576.6
147.5°	536.1	533.0
150°	491.2	488.3
152.5°	447.8	445.8
155°	398.2	395.7
157.5°	351.7	349.9
160°	302.4	299.8
162.5°	251.8	249.6
165°	205.3	203.8
167.5°	158.4	157.0
170°	113.3	112.3
172.5°	70.7	69.8
175°	38.6	38.2
177.5°	13.3	13.1
180°	1.0	1.0

(END OF REPORT)