

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: P231999

Luminaire Tested: **FVS4WM-4-LD4-50-2STD-PFS125-UNV-EDC1**

Issue Date: 3/3/2020



Test Information

Test Method: LM-79-08
Report Number: P231999
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1706-121-19)
Test Lab: INNOVATION CENTER(G3)
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: FAIL-SAFE
Catalog Number: FVS4WM-4-LD4-50-2STD-PFS125-UNV-EDC1
Description: FAILSAFE FVS LED FIXTURE
4FT LENGTH, 2-MODULE LED WITH PFS125 LENS
Light Source: (168) 5000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

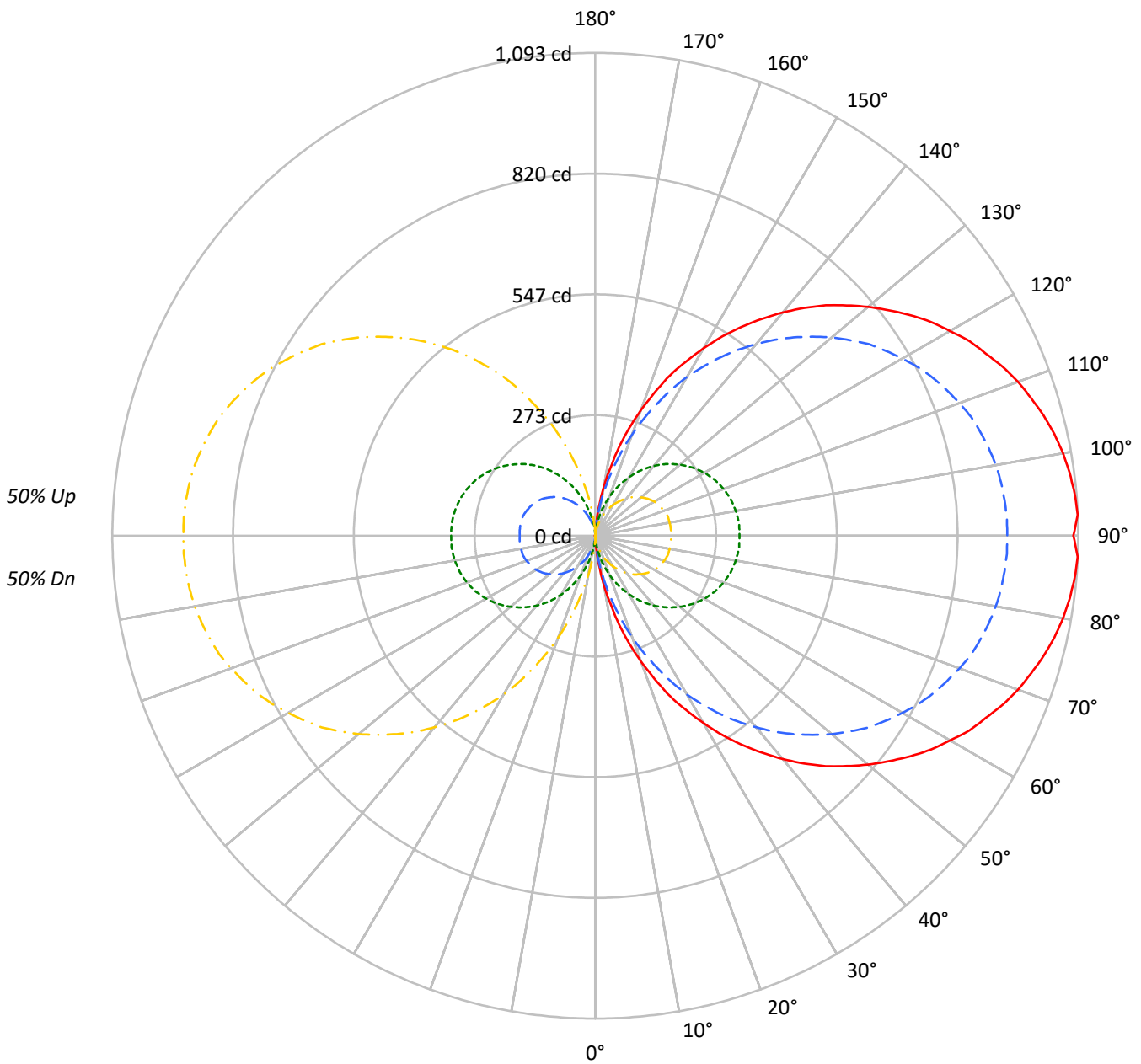
Lumens per Lamp: N/A
Luminaire Lumens: 4847.4 lumens
Efficiency: N/A
Efficacy: 71.8 lumens/watt
Spacing Criteria (0/90/45): - / - / -
Luminous Opening: Rectangular w/ Sides (W: 3.79' x L: 0.19' x H: 0.31')
CIE Type: General Diffuse

Input Watts (W): 67.5
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Luminous Intensity Polar Plot



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



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20	
RC	80				70				50				30				10	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	107	107	107	107	99	99	99	99	83	83	83	69	69	69	56	56	56	50
1	92	85	79	74	84	78	73	68	64	60	56	52	49	46	40	38	36	30
2	81	71	63	55	74	65	57	51	53	47	42	42	38	34	32	29	26	21
3	73	61	51	44	66	55	47	40	45	38	33	36	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°	0	0	0	0
5°	488	163	0	163
10°	1395	530	0	530
15°	2244	975	0	975
20°	3039	1472	0	1472
25°	3775	2004	0	2004
30°	4360	2558	0	2558
35°	4923	3165	0	3165
40°	5436	3812	0	3812
45°	5923	4540	0	4540
50°	6356	5364	7	5364
55°	6797	6351	7	6351
60°	7221	7552	7	7552
65°	7638	9088	7	9088
70°	8080	11160	7	11160
75°	8511	14195	7	14195
80°	8965	19174	0	19174
85°	9436	29188	0	29188



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	2.7	0.1
10°-20°	27.1	0.6
20°-30°	84.9	1.8
30°-40°	168.8	3.5
40°-50°	266.5	5.5
50°-60°	364.8	7.5
60°-70°	450.8	9.3
70°-80°	513.6	10.6
80°-90°	544.5	11.2
90°-100°	544.5	11.2
100°-110°	513.6	10.6
110°-120°	450.8	9.3
120°-130°	364.8	7.5
130°-140°	266.5	5.5
140°-150°	168.8	3.5
150°-160°	84.9	1.8
160°-170°	27.1	0.6
170°-180°	2.7	0.1
0°-30°	114.7	2.4
0°-40°	283.4	5.8
0°-60°	914.8	18.9
0°-90°	2423.7	50.0
90°-120°	1508.9	31.1
90°-150°	2309.0	47.6
90°-180°	2424.0	50.0
0°-180°	4847.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	0	0	0	0	0	
5°	37	11	0	11	37	6
15°	207	64	0	64	207	61
25°	402	125	0	125	402	187
35°	577	181	0	181	577	364
45°	738	230	0	230	738	571
55°	870	269	1	269	870	781
65°	975	298	1	298	975	969
75°	1050	317	1	317	1050	1110
85°	1089	326	0	326	1089	887
90°	1082	326	0	326	1082	596
95°	1089	326	0	326	1089	887
105°	1050	317	1	317	1050	1110
115°	975	298	1	298	975	969
125°	870	269	1	269	870	781
135°	738	230	0	230	738	571
145°	577	181	0	181	577	364
155°	402	125	0	125	402	187
165°	207	64	0	64	207	61
175°	37	11	0	11	37	6
180°	0	0	0	0	0	



TEST NUMBER: P231999

CATALOG NUMBER: FVS4WM-4-LD4-50-2STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	10.8	11.0	11.3	11.5	11.7	12.0	12.2	11.9	12.0	12.0	12.1
5°	36.8	37.3	37.8	38.3	38.8	38.1	38.0	37.9	37.6	37.2	36.8
7.5°	71.7	72.4	73.1	73.8	72.9	72.7	72.4	71.8	71.0	70.0	68.9
10°	117.4	118.0	118.7	119.3	117.2	116.3	115.1	113.6	111.8	109.8	107.4
12.5°	156.0	157.5	159.0	158.7	158.7	158.3	157.4	156.0	154.2	151.8	149.6
15°	207.1	208.3	209.5	208.1	207.3	206.0	204.2	202.0	199.8	198.1	195.8
17.5°	255.5	257.0	258.6	257.1	256.3	254.8	252.5	250.6	248.9	246.6	243.7
20°	303.0	304.6	306.2	304.5	303.5	301.8	300.3	299.1	297.2	294.5	291.1
22.5°	350.5	352.5	354.6	352.7	351.6	349.9	349.3	347.8	345.4	342.1	337.9
25°	401.6	402.8	402.1	400.9	398.9	398.4	398.0	396.6	394.1	390.7	387.3
27.5°	444.6	446.5	446.3	445.7	444.3	444.9	444.6	443.3	440.8	438.7	434.9
30°	489.4	491.7	491.8	491.2	491.0	491.1	490.1	488.1	486.1	483.2	479.3
32.5°	535.1	536.8	536.1	534.9	535.9	536.2	535.3	533.7	531.4	527.9	523.0
35°	577.2	578.5	577.2	576.2	578.8	580.0	579.8	578.8	576.7	572.9	568.7
37.5°	618.5	619.9	618.5	618.3	620.1	621.0	621.8	621.4	619.2	616.5	612.4
40°	659.7	659.7	656.9	657.9	660.2	661.1	662.2	662.2	661.1	658.7	655.2
42.5°	699.2	699.6	696.7	698.5	700.3	701.5	702.2	701.6	699.9	697.5	694.0
45°	737.7	736.4	732.0	735.2	737.1	739.4	740.2	741.6	738.3	734.8	730.9
47.5°	771.8	771.3	768.7	772.1	774.3	776.1	776.8	776.5	775.0	772.2	767.6
50°	805.8	806.9	805.3	805.9	808.4	811.1	812.6	811.9	810.2	807.1	802.4
52.5°	838.1	840.4	839.7	839.1	841.4	843.6	845.8	845.7	844.2	840.0	833.7
55°	870.4	869.8	869.0	870.1	873.1	875.9	878.0	877.7	875.4	870.3	863.2
57.5°	900.8	898.7	897.8	900.2	903.7	906.5	908.3	908.0	905.6	898.8	889.9
60°	926.8	926.0	925.1	928.1	931.8	934.3	937.3	935.9	932.7	925.6	916.7
62.5°	954.6	951.7	950.4	953.5	957.6	961.1	962.7	960.6	956.3	951.2	941.7
65°	975.2	976.7	973.8	977.7	982.5	984.6	986.0	983.2	977.9	971.6	964.7
67.5°	998.5	997.4	996.3	1000.1	1005.2	1007.8	1006.8	1003.1	999.2	992.7	985.6
70°	1018.3	1016.5	1015.5	1019.7	1024.2	1026.9	1024.4	1021.1	1017.3	1012.1	1005.1
72.5°	1034.4	1033.1	1032.0	1038.0	1041.9	1042.1	1039.9	1036.5	1033.6	1029.4	1022.3
75°	1050.5	1047.7	1047.9	1053.8	1055.5	1053.6	1051.6	1050.6	1049.0	1044.7	1036.8
77.5°	1064.0	1059.5	1061.4	1065.5	1064.6	1063.3	1064.0	1064.1	1061.7	1056.7	1048.9
80°	1074.7	1069.3	1072.3	1072.9	1070.2	1073.4	1076.0	1075.2	1071.5	1066.6	1058.0
82.5°	1082.8	1078.2	1078.1	1074.1	1079.1	1082.7	1083.3	1081.5	1078.0	1072.3	1064.5
85°	1089.1	1084.5	1075.8	1081.1	1084.7	1086.0	1086.1	1085.0	1081.6	1076.2	1068.6
87.5°	1092.7	1077.0	1079.2	1081.6	1084.8	1086.7	1087.0	1085.1	1082.9	1077.3	1069.9
90°	1081.9	1071.1	1072.0	1077.4	1081.0	1083.7	1084.6	1083.7	1081.9	1076.5	1068.4
92.5°	1092.7	1077.0	1079.2	1081.6	1084.8	1086.7	1087.0	1085.1	1082.9	1077.3	1069.9
95°	1089.1	1084.5	1075.8	1081.1	1084.7	1086.0	1086.1	1085.0	1081.6	1076.2	1068.6
97.5°	1082.8	1078.2	1078.1	1074.1	1079.1	1082.7	1083.3	1081.5	1078.0	1072.3	1064.5
100°	1074.7	1069.3	1072.3	1072.9	1070.2	1073.4	1076.0	1075.2	1071.5	1066.6	1058.0
102.5°	1064.0	1059.5	1061.4	1065.5	1064.6	1063.3	1064.0	1064.1	1061.7	1056.7	1048.9
105°	1050.5	1047.7	1047.9	1053.8	1055.5	1053.6	1051.6	1050.6	1049.0	1044.7	1036.8
107.5°	1034.4	1033.1	1032.0	1038.0	1041.9	1042.1	1039.9	1036.5	1033.6	1029.4	1022.3
110°	1018.3	1016.5	1015.5	1019.7	1024.2	1026.9	1024.4	1021.1	1017.3	1012.1	1005.1



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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°	998.5	997.4	996.3	1000.1	1005.2	1007.8	1006.8	1003.1	999.2	992.7	985.6
115°	975.2	976.7	973.8	977.7	982.5	984.6	986.0	983.2	977.9	971.6	964.7
117.5°	954.6	951.7	950.4	953.5	957.6	961.1	962.7	960.6	956.3	951.2	941.7
120°	926.8	926.0	925.1	928.1	931.8	934.3	937.3	935.9	932.7	925.6	916.7
122.5°	900.8	898.7	897.8	900.2	903.7	906.5	908.3	908.0	905.6	898.8	889.9
125°	870.4	869.8	869.0	870.1	873.1	875.9	878.0	877.7	875.4	870.3	863.2
127.5°	838.1	840.4	839.7	839.1	841.4	843.6	845.8	845.7	844.2	840.0	833.7
130°	805.8	806.9	805.3	805.9	808.4	811.1	812.6	811.9	810.2	807.1	802.4
132.5°	771.8	771.3	768.7	772.1	774.3	776.1	776.8	776.5	775.0	772.2	767.6
135°	737.7	736.4	732.0	735.2	737.1	739.4	740.2	741.6	738.3	734.8	730.9
137.5°	699.2	699.6	696.7	698.5	700.3	701.5	702.2	701.6	699.9	697.5	694.0
140°	659.7	659.7	656.9	657.9	660.2	661.1	662.2	662.2	661.1	658.7	655.2
142.5°	618.5	619.9	618.5	618.3	620.1	621.0	621.8	621.4	619.2	616.5	612.4
145°	577.2	578.5	577.2	576.2	578.8	580.0	579.8	578.8	576.7	572.9	568.7
147.5°	535.1	536.8	536.1	534.9	535.9	536.2	535.3	533.7	531.4	527.9	523.0
150°	489.4	491.7	491.8	491.2	491.0	491.1	490.1	488.1	486.1	483.2	479.3
152.5°	444.6	446.5	446.3	445.7	444.3	444.9	444.6	443.3	440.8	438.7	434.9
155°	401.6	402.8	402.1	400.9	398.9	398.4	398.0	396.6	394.1	390.7	387.3
157.5°	350.5	352.5	354.6	352.7	351.6	349.9	349.3	347.8	345.4	342.1	337.9
160°	303.0	304.6	306.2	304.5	303.5	301.8	300.3	299.1	297.2	294.5	291.1
162.5°	255.5	257.0	258.6	257.1	256.3	254.8	252.5	250.6	248.9	246.6	243.7
165°	207.1	208.3	209.5	208.1	207.3	206.0	204.2	202.0	199.8	198.1	195.8
167.5°	156.0	157.5	159.0	158.7	158.7	158.3	157.4	156.0	154.2	151.8	149.6
170°	117.4	118.0	118.7	119.3	117.2	116.3	115.1	113.6	111.8	109.8	107.4
172.5°	71.7	72.4	73.1	73.8	72.9	72.7	72.4	71.8	71.0	70.0	68.9
175°	36.8	37.3	37.8	38.3	38.8	38.1	38.0	37.9	37.6	37.2	36.8
177.5°	10.8	11.0	11.3	11.5	11.7	12.0	12.2	11.9	12.0	12.0	12.1
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	12.1	12.0	12.0	11.9	11.8	11.7	11.6	11.4	11.3	11.1	10.8
5°	36.2	35.5	34.7	33.9	32.9	31.8	30.6	29.4	28.0	26.6	25.1
7.5°	67.5	66.0	64.3	62.4	60.3	58.1	55.5	53.9	51.7	49.8	48.0
10°	104.8	101.9	100.0	97.7	95.2	92.5	89.8	87.1	84.1	80.8	77.2
12.5°	147.3	144.5	141.3	137.7	133.9	130.3	126.6	122.6	118.4	114.0	109.4
15°	192.8	189.3	185.2	180.7	175.9	170.5	165.1	159.8	154.1	148.9	143.3
17.5°	240.2	236.2	231.5	226.4	221.1	215.2	208.8	202.1	195.5	188.4	180.9
20°	287.0	282.5	277.7	272.4	266.6	260.3	253.1	245.1	236.5	227.6	218.5
22.5°	334.1	329.7	324.2	317.7	310.1	302.6	295.3	287.5	279.2	268.5	257.4
25°	382.9	377.7	371.7	364.9	357.3	348.5	339.0	328.8	319.3	308.9	299.1
27.5°	429.9	424.1	417.9	410.9	402.8	394.0	386.2	372.8	360.1	346.7	333.4
30°	474.3	469.2	464.2	455.5	446.8	437.0	426.2	414.9	402.4	387.1	370.7
32.5°	519.1	513.6	506.9	498.7	489.6	478.6	466.6	453.9	441.0	427.1	409.8
35°	563.7	558.0	550.4	541.9	532.0	520.1	506.5	492.4	477.2	461.9	446.2
37.5°	606.6	599.9	592.1	584.5	572.6	560.2	545.5	530.4	514.4	496.7	479.1
40°	649.2	641.1	632.5	622.5	610.7	597.2	581.8	565.9	549.9	532.0	512.5
42.5°	687.7	679.8	670.6	660.1	650.4	634.3	618.3	601.6	584.6	565.5	545.0
45°	725.1	716.0	705.9	695.1	682.8	669.0	652.4	634.8	616.9	597.5	575.6
47.5°	761.3	751.4	740.3	729.0	715.9	700.9	685.2	667.1	647.5	627.5	605.2
50°	798.7	788.2	774.0	761.8	750.1	732.7	715.7	698.4	677.7	656.0	633.2
52.5°	826.9	817.8	804.7	792.2	778.8	764.4	745.6	727.2	707.6	683.9	659.6
55°	855.0	846.1	833.6	820.2	807.2	791.2	773.6	756.0	733.2	709.4	685.6
57.5°	881.7	872.6	861.1	847.5	833.7	817.7	799.0	779.2	757.7	734.0	707.8
60°	908.2	898.5	886.7	872.8	858.4	841.9	823.4	802.4	779.7	755.6	729.9
62.5°	932.7	922.8	910.8	897.0	881.1	864.3	845.2	824.3	801.2	775.7	749.6
65°	955.9	946.0	933.6	919.8	903.1	884.8	864.9	843.9	819.7	794.0	767.1
67.5°	977.6	967.8	954.0	939.1	923.4	904.3	883.4	861.0	836.6	810.7	783.3
70°	996.5	985.8	973.4	956.1	939.6	921.0	899.9	877.1	853.0	826.5	798.5
72.5°	1013.8	1001.9	988.6	972.5	954.4	935.5	914.4	892.2	866.5	839.8	810.8
75°	1027.8	1015.8	1002.0	986.9	967.8	948.0	926.7	902.7	877.0	850.7	821.5
77.5°	1039.1	1027.0	1012.8	996.7	978.2	958.2	936.4	912.4	886.6	859.4	830.4
80°	1047.9	1036.1	1021.5	1005.4	987.6	966.7	943.8	920.2	894.7	867.0	837.4
82.5°	1054.8	1042.2	1027.7	1011.4	993.2	972.1	949.2	926.1	901.1	873.4	843.1
85°	1058.4	1046.4	1031.4	1015.1	996.1	975.2	952.9	929.5	902.9	875.6	846.4
87.5°	1059.9	1048.7	1034.5	1017.3	998.3	977.0	955.7	932.2	905.3	877.5	848.8
90°	1059.5	1047.8	1035.3	1016.5	997.6	977.0	956.4	932.2	907.1	877.5	848.8
92.5°	1059.9	1048.7	1034.5	1017.3	998.3	977.0	955.7	932.2	905.3	877.5	848.8
95°	1058.4	1046.4	1031.4	1015.1	996.1	975.2	952.9	929.5	902.9	875.6	846.4
97.5°	1054.8	1042.2	1027.7	1011.4	993.2	972.1	949.2	926.1	901.1	873.4	843.1
100°	1047.9	1036.1	1021.5	1005.4	987.6	966.7	943.8	920.2	894.7	867.0	837.4
102.5°	1039.1	1027.0	1012.8	996.7	978.2	958.2	936.4	912.4	886.6	859.4	830.4
105°	1027.8	1015.8	1002.0	986.9	967.8	948.0	926.7	902.7	877.0	850.7	821.5
107.5°	1013.8	1001.9	988.6	972.5	954.4	935.5	914.4	892.2	866.5	839.8	810.8
110°	996.5	985.8	973.4	956.1	939.6	921.0	899.9	877.1	853.0	826.5	798.5



TEST NUMBER: P231999

CATALOG NUMBER: FVS4WM-4-LD4-50-2STD-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°	977.6	967.8	954.0	939.1	923.4	904.3	883.4	861.0	836.6	810.7	783.3
115°	955.9	946.0	933.6	919.8	903.1	884.8	864.9	843.9	819.7	794.0	767.1
117.5°	932.7	922.8	910.8	897.0	881.1	864.3	845.2	824.3	801.2	775.7	749.6
120°	908.2	898.5	886.7	872.8	858.4	841.9	823.4	802.4	779.7	755.6	729.9
122.5°	881.7	872.6	861.1	847.5	833.7	817.7	799.0	779.2	757.7	734.0	707.8
125°	855.0	846.1	833.6	820.2	807.2	791.2	773.6	756.0	733.2	709.4	685.6
127.5°	826.9	817.8	804.7	792.2	778.8	764.4	745.6	727.2	707.6	683.9	659.6
130°	798.7	788.2	774.0	761.8	750.1	732.7	715.7	698.4	677.7	656.0	633.2
132.5°	761.3	751.4	740.3	729.0	715.9	700.9	685.2	667.1	647.5	627.5	605.2
135°	725.1	716.0	705.9	695.1	682.8	669.0	652.4	634.8	616.9	597.5	575.6
137.5°	687.7	679.8	670.6	660.1	650.4	634.3	618.3	601.6	584.6	565.5	545.0
140°	649.2	641.1	632.5	622.5	610.7	597.2	581.8	565.9	549.9	532.0	512.5
142.5°	606.6	599.9	592.1	584.5	572.6	560.2	545.5	530.4	514.4	496.7	479.1
145°	563.7	558.0	550.4	541.9	532.0	520.1	506.5	492.4	477.2	461.9	446.2
147.5°	519.1	513.6	506.9	498.7	489.6	478.6	466.6	453.9	441.0	427.1	409.8
150°	474.3	469.2	464.2	455.5	446.8	437.0	426.2	414.9	402.4	387.1	370.7
152.5°	429.9	424.1	417.9	410.9	402.8	394.0	386.2	372.8	360.1	346.7	333.4
155°	382.9	377.7	371.7	364.9	357.3	348.5	339.0	328.8	319.3	308.9	299.1
157.5°	334.1	329.7	324.2	317.7	310.1	302.6	295.3	287.5	279.2	268.5	257.4
160°	287.0	282.5	277.7	272.4	266.6	260.3	253.1	245.1	236.5	227.6	218.5
162.5°	240.2	236.2	231.5	226.4	221.1	215.2	208.8	202.1	195.5	188.4	180.9
165°	192.8	189.3	185.2	180.7	175.9	170.5	165.1	159.8	154.1	148.9	143.3
167.5°	147.3	144.5	141.3	137.7	133.9	130.3	126.6	122.6	118.4	114.0	109.4
170°	104.8	101.9	100.0	97.7	95.2	92.5	89.8	87.1	84.1	80.8	77.2
172.5°	67.5	66.0	64.3	62.4	60.3	58.1	55.5	53.9	51.7	49.8	48.0
175°	36.2	35.5	34.7	33.9	32.9	31.8	30.6	29.4	28.0	26.6	25.1
177.5°	12.1	12.0	12.0	11.9	11.8	11.7	11.6	11.4	11.3	11.1	10.8
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231999

CATALOG NUMBER: FVS4WM-4-LD4-50-2STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	10.6	10.3	10.1	9.8	9.4	9.1	8.8	8.4	8.0	7.6	7.2
5°	23.5	21.8	20.1	19.5	18.8	18.2	17.5	16.7	16.0	15.2	14.3
7.5°	46.2	44.1	42.0	39.8	37.4	35.0	32.4	31.2	30.3	29.2	28.1
10°	73.3	69.1	64.9	61.8	58.9	55.7	52.5	49.1	45.7	43.8	42.3
12.5°	104.5	99.3	93.9	88.4	82.7	77.9	74.1	70.0	65.7	61.2	58.3
15°	137.1	130.2	123.9	116.7	110.3	103.8	97.1	91.7	86.3	80.7	74.8
17.5°	174.2	164.5	155.4	146.2	137.4	130.3	122.7	114.7	107.9	101.4	94.6
20°	209.1	199.2	188.9	178.9	168.7	158.3	149.3	139.8	129.8	122.1	114.4
22.5°	245.4	233.8	221.9	209.5	198.3	186.9	174.7	164.0	153.1	142.7	134.0
25°	283.6	269.8	256.1	242.6	228.5	214.7	200.6	186.5	175.2	163.8	153.7
27.5°	319.1	304.4	289.8	275.1	259.6	243.4	227.2	211.0	196.7	183.6	171.2
30°	354.7	338.6	322.6	306.5	289.4	271.4	252.9	236.0	219.8	203.6	188.0
32.5°	391.4	373.7	356.4	338.5	319.5	299.5	279.0	259.8	241.3	223.7	206.6
35°	427.8	407.6	388.1	368.4	347.7	326.5	305.0	284.3	263.2	243.4	225.3
37.5°	461.1	440.6	419.0	397.3	376.5	352.6	329.8	306.8	284.5	262.3	242.8
40°	492.7	471.8	449.4	426.3	402.1	377.6	353.0	329.2	305.4	281.6	259.9
42.5°	523.5	501.4	478.5	454.5	429.2	402.7	376.0	350.2	324.7	299.7	276.1
45°	553.1	530.1	505.7	480.4	454.3	426.0	398.2	370.8	343.1	316.9	292.0
47.5°	581.4	556.8	531.2	506.3	477.6	448.9	419.6	391.2	361.6	333.0	306.4
50°	608.7	583.1	556.0	528.0	499.6	470.4	440.3	410.9	380.0	348.7	320.5
52.5°	634.4	608.1	579.9	550.7	520.9	490.6	459.6	428.5	396.3	363.1	333.8
55°	658.6	631.6	602.8	572.7	540.7	509.2	476.9	444.0	410.6	377.0	346.7
57.5°	680.9	653.3	624.9	593.9	560.4	526.8	493.7	459.6	424.4	389.5	357.9
60°	702.5	673.7	642.6	611.4	578.0	542.5	509.1	475.3	438.3	401.4	368.6
62.5°	721.2	691.5	659.5	627.0	594.8	557.6	523.1	488.0	450.8	413.4	378.9
65°	738.5	708.3	676.3	642.8	609.0	572.6	535.9	498.7	461.8	424.9	389.1
67.5°	753.9	723.6	691.8	658.9	622.1	585.5	547.9	509.6	471.5	433.9	397.6
70°	768.2	736.9	704.8	669.9	634.0	596.2	558.1	520.2	480.8	441.8	405.7
72.5°	781.1	749.0	716.4	680.6	644.1	606.4	566.7	528.2	488.5	448.8	412.2
75°	791.2	759.7	725.9	689.4	652.5	615.4	574.5	534.4	495.1	455.3	418.3
77.5°	799.7	768.6	734.6	696.9	659.1	621.7	580.6	539.8	500.0	459.8	422.0
80°	806.0	774.8	739.9	703.2	663.8	625.8	585.1	544.6	504.1	463.7	425.2
82.5°	810.9	779.7	743.8	708.4	668.6	630.5	588.9	548.5	508.4	467.0	429.7
85°	814.3	782.3	746.6	712.3	673.0	636.9	593.2	552.8	513.4	470.5	431.9
87.5°	816.6	783.6	748.8	713.6	674.6	636.1	594.7	553.4	514.0	472.4	431.6
90°	816.6	782.5	749.3	712.6	674.1	634.6	596.1	553.9	514.5	474.2	431.1
92.5°	816.6	783.6	748.8	713.6	674.6	636.1	594.7	553.4	514.0	472.4	431.6
95°	814.3	782.3	746.6	712.3	673.0	636.9	593.2	552.8	513.4	470.5	431.9
97.5°	810.9	779.7	743.8	708.4	668.6	630.5	588.9	548.5	508.4	467.0	429.7
100°	806.0	774.8	739.9	703.2	663.8	625.8	585.1	544.6	504.1	463.7	425.2
102.5°	799.7	768.6	734.6	696.9	659.1	621.7	580.6	539.8	500.0	459.8	422.0
105°	791.2	759.7	725.9	689.4	652.5	615.4	574.5	534.4	495.1	455.3	418.3
107.5°	781.1	749.0	716.4	680.6	644.1	606.4	566.7	528.2	488.5	448.8	412.2
110°	768.2	736.9	704.8	669.9	634.0	596.2	558.1	520.2	480.8	441.8	405.7



TEST NUMBER: P231999

CATALOG NUMBER: FVS4WM-4-LD4-50-2STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	753.9	723.6	691.8	658.9	622.1	585.5	547.9	509.6	471.5	433.9	397.6
115°	738.5	708.3	676.3	642.8	609.0	572.6	535.9	498.7	461.8	424.9	389.1
117.5°	721.2	691.5	659.5	627.0	594.8	557.6	523.1	488.0	450.8	413.4	378.9
120°	702.5	673.7	642.6	611.4	578.0	542.5	509.1	475.3	438.3	401.4	368.6
122.5°	680.9	653.3	624.9	593.9	560.4	526.8	493.7	459.6	424.4	389.5	357.9
125°	658.6	631.6	602.8	572.7	540.7	509.2	476.9	444.0	410.6	377.0	346.7
127.5°	634.4	608.1	579.9	550.7	520.9	490.6	459.6	428.5	396.3	363.1	333.8
130°	608.7	583.1	556.0	528.0	499.6	470.4	440.3	410.9	380.0	348.7	320.5
132.5°	581.4	556.8	531.2	506.3	477.6	448.9	419.6	391.2	361.6	333.0	306.4
135°	553.1	530.1	505.7	480.4	454.3	426.0	398.2	370.8	343.1	316.9	292.0
137.5°	523.5	501.4	478.5	454.5	429.2	402.7	376.0	350.2	324.7	299.7	276.1
140°	492.7	471.8	449.4	426.3	402.1	377.6	353.0	329.2	305.4	281.6	259.9
142.5°	461.1	440.6	419.0	397.3	376.5	352.6	329.8	306.8	284.5	262.3	242.8
145°	427.8	407.6	388.1	368.4	347.7	326.5	305.0	284.3	263.2	243.4	225.3
147.5°	391.4	373.7	356.4	338.5	319.5	299.5	279.0	259.8	241.3	223.7	206.6
150°	354.7	338.6	322.6	306.5	289.4	271.4	252.9	236.0	219.8	203.6	188.0
152.5°	319.1	304.4	289.8	275.1	259.6	243.4	227.2	211.0	196.7	183.6	171.2
155°	283.6	269.8	256.1	242.6	228.5	214.7	200.6	186.5	175.2	163.8	153.7
157.5°	245.4	233.8	221.9	209.5	198.3	186.9	174.7	164.0	153.1	142.7	134.0
160°	209.1	199.2	188.9	178.9	168.7	158.3	149.3	139.8	129.8	122.1	114.4
162.5°	174.2	164.5	155.4	146.2	137.4	130.3	122.7	114.7	107.9	101.4	94.6
165°	137.1	130.2	123.9	116.7	110.3	103.8	97.1	91.7	86.3	80.7	74.8
167.5°	104.5	99.3	93.9	88.4	82.7	77.9	74.1	70.0	65.7	61.2	58.3
170°	73.3	69.1	64.9	61.8	58.9	55.7	52.5	49.1	45.7	43.8	42.3
172.5°	46.2	44.1	42.0	39.8	37.4	35.0	32.4	31.2	30.3	29.2	28.1
175°	23.5	21.8	20.1	19.5	18.8	18.2	17.5	16.7	16.0	15.2	14.3
177.5°	10.6	10.3	10.1	9.8	9.4	9.1	8.8	8.4	8.0	7.6	7.2
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231999

CATALOG NUMBER: FVS4WM-4-LD4-50-2STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	6.8	6.3	5.9	5.4	5.4	5.3	5.3	5.2	5.2	5.1	5.0
5°	13.5	12.6	11.7	10.8	10.7	10.6	10.5	10.3	10.2	10.0	9.8
7.5°	26.9	25.7	24.3	22.9	22.6	22.3	21.9	21.4	20.9	20.4	19.7
10°	40.6	38.8	37.0	35.0	34.5	33.9	33.2	32.5	31.6	30.8	29.9
12.5°	56.2	54.1	51.8	49.3	48.6	47.7	46.7	45.6	44.5	43.4	42.2
15°	72.0	69.3	66.5	63.6	62.6	61.5	60.2	58.9	57.7	56.4	55.0
17.5°	88.9	85.8	82.4	78.9	77.7	76.3	74.8	73.3	71.9	70.2	68.3
20°	106.3	102.3	98.3	94.1	92.8	91.2	89.5	87.8	86.0	84.1	81.8
22.5°	125.0	118.8	114.2	109.4	107.7	105.8	103.9	102.1	100.0	97.7	95.1
25°	143.7	135.4	130.1	124.6	122.6	120.3	118.3	116.3	114.0	111.2	108.2
27.5°	160.7	150.8	145.0	139.0	136.7	134.3	132.3	130.1	127.5	124.4	121.2
30°	177.1	166.2	159.9	153.3	150.9	148.3	146.2	143.9	141.0	137.7	134.2
32.5°	193.4	181.4	174.0	167.2	164.4	161.5	159.4	156.9	153.8	150.4	146.6
35°	209.7	196.6	188.1	181.1	177.9	174.8	172.5	169.8	166.5	162.6	158.4
37.5°	224.9	210.9	201.1	193.7	190.0	186.7	184.4	181.5	178.3	174.1	169.7
40°	239.9	225.0	214.1	206.2	202.0	198.6	196.2	193.1	189.4	185.1	180.6
42.5°	253.8	238.2	226.2	217.9	213.5	209.9	207.3	204.2	200.3	195.9	191.0
45°	268.3	251.1	238.2	229.5	224.9	221.2	218.2	215.4	210.9	205.9	200.8
47.5°	281.8	262.9	248.9	239.8	235.0	231.3	228.3	225.6	220.8	215.6	210.3
50°	295.0	274.5	259.6	250.1	245.2	241.4	238.4	235.4	230.4	225.0	219.5
52.5°	307.7	286.1	270.0	259.5	254.4	250.7	247.5	244.1	239.0	233.7	228.1
55°	319.9	297.7	280.5	268.9	263.6	259.9	256.6	252.6	247.3	241.9	235.8
57.5°	330.5	307.2	288.6	277.0	271.2	267.5	264.1	259.9	254.6	249.0	243.2
60°	340.6	316.5	296.6	285.0	278.8	275.0	271.5	267.1	261.5	255.7	250.7
62.5°	348.9	323.5	304.0	291.8	285.7	281.7	277.8	273.3	267.8	262.0	256.5
65°	357.0	330.1	311.4	298.5	292.7	288.3	284.0	279.6	274.1	267.9	261.6
67.5°	363.9	336.1	316.2	303.9	297.6	293.6	289.6	284.7	278.9	272.7	266.4
70°	370.5	342.1	321.0	309.2	302.5	298.8	295.2	289.6	283.4	277.1	270.8
72.5°	376.3	346.9	325.7	313.3	306.4	302.8	298.9	293.7	287.3	281.0	274.5
75°	381.9	351.6	330.8	317.3	310.3	306.8	302.4	297.8	291.1	284.6	277.7
77.5°	385.7	354.7	333.4	320.0	313.0	309.4	305.0	300.1	293.3	287.2	280.0
80°	389.2	358.5	336.1	322.7	315.6	312.0	307.5	302.3	295.2	289.6	281.9
82.5°	393.0	360.7	337.9	324.5	316.9	313.3	308.8	303.6	296.9	290.6	283.4
85°	395.3	363.0	339.7	326.3	318.2	314.6	310.1	304.8	298.5	291.4	285.0
87.5°	395.3	363.4	340.1	326.3	318.7	315.1	310.6	305.3	298.5	291.8	285.0
90°	395.3	363.9	340.6	326.3	319.1	315.5	311.0	305.7	298.5	292.2	285.0
92.5°	395.3	363.4	340.1	326.3	318.7	315.1	310.6	305.3	298.5	291.8	285.0
95°	395.3	363.0	339.7	326.3	318.2	314.6	310.1	304.8	298.5	291.4	285.0
97.5°	393.0	360.7	337.9	324.5	316.9	313.3	308.8	303.6	296.9	290.6	283.4
100°	389.2	358.5	336.1	322.7	315.6	312.0	307.5	302.3	295.2	289.6	281.9
102.5°	385.7	354.7	333.4	320.0	313.0	309.4	305.0	300.1	293.3	287.2	280.0
105°	381.9	351.6	330.8	317.3	310.3	306.8	302.4	297.8	291.1	284.6	277.7
107.5°	376.3	346.9	325.7	313.3	306.4	302.8	298.9	293.7	287.3	281.0	274.5
110°	370.5	342.1	321.0	309.2	302.5	298.8	295.2	289.6	283.4	277.1	270.8



TEST NUMBER: P231999

CATALOG NUMBER: FVS4WM-4-LD4-50-2STD-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°	363.9	336.1	316.2	303.9	297.6	293.6	289.6	284.7	278.9	272.7	266.4
115°	357.0	330.1	311.4	298.5	292.7	288.3	284.0	279.6	274.1	267.9	261.6
117.5°	348.9	323.5	304.0	291.7	285.7	281.7	277.8	273.3	267.8	262.0	256.5
120°	340.6	316.5	296.6	285.0	278.8	275.0	271.5	267.1	261.5	255.7	250.7
122.5°	330.5	307.2	288.6	276.9	271.2	267.5	264.1	259.9	254.6	249.0	243.2
125°	319.9	297.7	280.5	268.9	263.6	259.9	256.6	252.6	247.3	241.9	235.8
127.5°	307.7	286.1	270.0	259.5	254.4	250.7	247.5	244.1	239.0	233.7	228.1
130°	295.0	274.5	259.6	250.1	245.2	241.4	238.4	235.4	230.4	225.0	219.5
132.5°	281.8	262.9	248.9	239.8	235.0	231.3	228.3	225.6	220.8	215.6	210.3
135°	268.3	251.1	238.2	229.5	224.9	221.2	218.2	215.4	210.9	205.9	200.8
137.5°	253.8	238.2	226.2	217.9	213.5	209.9	207.3	204.2	200.3	195.9	191.0
140°	239.9	225.0	214.1	206.2	202.0	198.6	196.2	193.1	189.4	185.1	180.6
142.5°	224.9	210.9	201.1	193.7	190.0	186.7	184.4	181.5	178.3	174.1	169.7
145°	209.7	196.6	188.1	181.1	177.9	174.8	172.5	169.8	166.5	162.6	158.4
147.5°	193.4	181.4	174.0	167.2	164.4	161.5	159.4	156.9	153.8	150.4	146.6
150°	177.1	166.2	159.9	153.3	150.9	148.3	146.2	143.9	141.0	137.7	134.2
152.5°	160.7	150.8	145.0	139.0	136.7	134.3	132.3	130.1	127.5	124.4	121.2
155°	143.7	135.4	130.1	124.6	122.6	120.3	118.3	116.3	114.0	111.2	108.2
157.5°	125.0	118.8	114.2	109.4	107.7	105.8	103.9	102.1	100.0	97.7	95.1
160°	106.3	102.3	98.3	94.1	92.8	91.2	89.5	87.8	86.0	84.1	81.8
162.5°	88.9	85.8	82.4	78.9	77.7	76.3	74.8	73.3	71.9	70.2	68.3
165°	72.0	69.3	66.5	63.6	62.6	61.5	60.2	58.9	57.7	56.4	55.0
167.5°	56.2	54.1	51.8	49.3	48.6	47.7	46.7	45.6	44.5	43.4	42.2
170°	40.6	38.8	37.0	35.0	34.5	33.9	33.2	32.5	31.6	30.8	29.9
172.5°	26.9	25.7	24.3	22.9	22.6	22.3	21.9	21.4	20.9	20.4	19.7
175°	13.5	12.6	11.7	10.8	10.7	10.6	10.5	10.3	10.2	10.0	9.8
177.5°	6.8	6.3	5.9	5.4	5.4	5.3	5.3	5.2	5.2	5.1	5.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231999

CATALOG NUMBER: FVS4WM-4-LD4-50-2STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	4.9	4.8	4.7	4.6	4.5	4.4	4.2	4.1	3.9	3.8	3.6
5°	9.6	9.3	9.1	8.8	8.6	8.3	8.0	7.7	7.4	7.1	6.7
7.5°	19.1	18.4	17.7	16.9	16.1	15.2	14.3	13.3	12.3	11.3	10.3
10°	29.0	28.1	27.1	26.0	24.8	23.7	22.4	21.1	19.8	18.4	17.0
12.5°	40.9	39.4	37.9	36.2	34.4	32.5	30.5	28.6	27.0	25.4	23.7
15°	53.5	51.5	49.5	47.4	45.2	43.1	41.0	38.7	36.3	33.9	31.2
17.5°	66.2	63.9	61.4	58.9	56.4	53.7	51.2	48.3	45.3	42.2	39.1
20°	79.4	76.8	74.1	71.3	68.3	64.9	61.4	57.8	54.2	50.5	47.2
22.5°	92.5	89.5	86.5	83.2	79.5	75.6	71.7	67.9	64.0	60.0	55.7
25°	105.1	101.8	98.3	94.7	90.7	86.6	82.3	78.0	73.5	69.0	64.2
27.5°	117.7	114.0	110.4	106.6	102.2	97.6	92.9	87.9	82.9	77.7	72.3
30°	130.4	126.3	122.1	117.6	112.9	108.0	102.6	97.2	91.8	86.2	80.3
32.5°	142.6	138.1	133.4	128.4	123.2	117.7	112.2	106.6	100.8	94.4	87.9
35°	153.9	149.2	144.2	138.9	133.3	127.7	122.2	116.1	109.3	102.4	95.8
37.5°	165.1	160.3	155.2	149.3	143.2	137.5	131.3	124.4	117.4	110.3	103.2
40°	175.8	170.5	164.8	158.8	152.9	146.9	139.6	132.4	125.2	117.9	110.6
42.5°	185.9	180.4	174.5	168.3	162.0	154.9	147.6	140.4	132.9	125.5	117.4
45°	195.3	189.5	183.5	177.1	170.4	163.2	155.7	148.0	140.3	132.3	123.9
47.5°	204.6	198.7	192.4	185.5	178.0	170.5	163.1	155.2	147.3	138.9	129.6
50°	213.7	207.3	200.6	193.3	185.4	178.0	170.0	161.6	153.3	144.4	135.0
52.5°	222.1	215.6	208.8	200.7	192.6	184.7	176.4	167.9	159.2	150.1	140.7
55°	229.5	222.9	215.9	207.5	199.4	191.3	182.9	173.8	164.7	155.4	145.7
57.5°	236.7	230.1	222.7	214.1	205.6	197.1	188.3	179.2	170.0	160.4	150.2
60°	243.4	236.2	228.3	219.9	211.3	202.6	193.8	184.0	174.3	164.5	154.4
62.5°	249.5	242.1	234.0	225.6	216.5	207.5	198.3	188.3	178.6	168.6	157.9
65°	254.7	246.8	238.6	230.2	221.1	212.2	202.6	192.5	182.5	171.9	160.6
67.5°	259.3	251.3	243.1	234.7	225.5	216.2	206.0	195.9	185.7	174.5	162.9
70°	263.4	255.3	247.1	238.3	228.8	219.5	209.4	199.1	188.7	176.8	165.4
72.5°	266.9	258.7	250.6	241.7	232.2	222.6	212.2	201.4	190.5	178.8	167.8
75°	269.9	261.3	253.0	243.7	234.3	224.8	214.4	203.4	192.1	180.9	169.8
77.5°	272.1	263.3	255.1	245.7	236.4	226.8	216.3	204.9	193.6	182.0	170.1
80°	273.9	265.0	256.8	247.2	237.5	227.7	217.1	205.7	194.3	182.5	170.6
82.5°	275.1	266.2	257.8	248.1	238.4	228.5	217.9	206.4	194.7	183.1	171.3
85°	276.2	267.2	258.3	248.5	239.3	228.9	218.7	206.6	195.4	183.8	171.5
87.5°	276.6	267.2	258.6	248.4	239.8	229.1	218.9	206.7	195.6	184.0	171.5
90°	277.0	267.1	259.0	248.3	240.2	229.5	218.7	207.1	195.4	183.8	171.2
92.5°	276.6	267.2	258.6	248.4	239.8	229.1	218.9	206.7	195.6	184.0	171.5
95°	276.2	267.2	258.3	248.5	239.3	228.9	218.7	206.6	195.4	183.8	171.5
97.5°	275.1	266.2	257.8	248.1	238.4	228.5	217.9	206.4	194.7	183.1	171.3
100°	273.9	265.0	256.8	247.2	237.5	227.7	217.1	205.7	194.3	182.5	170.6
102.5°	272.1	263.3	255.1	245.7	236.4	226.8	216.3	204.9	193.6	182.0	170.1
105°	269.9	261.3	253.0	243.7	234.3	224.8	214.4	203.4	192.1	180.9	169.8
107.5°	266.9	258.7	250.6	241.7	232.2	222.6	212.2	201.4	190.5	178.8	167.8
110°	263.4	255.3	247.1	238.3	228.8	219.5	209.4	199.1	188.7	176.8	165.4



TEST NUMBER: P231999

CATALOG NUMBER: FVS4WM-4-LD4-50-2STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	259.3	251.3	243.1	234.7	225.5	216.2	206.0	195.9	185.7	174.5	162.9
115°	254.7	246.8	238.6	230.2	221.1	212.2	202.6	192.5	182.5	171.9	160.6
117.5°	249.5	242.1	234.0	225.6	216.5	207.5	198.3	188.3	178.6	168.6	157.9
120°	243.4	236.2	228.3	219.9	211.3	202.6	193.8	184.0	174.3	164.5	154.4
122.5°	236.7	230.1	222.7	214.1	205.6	197.1	188.3	179.2	170.0	160.4	150.2
125°	229.5	222.9	215.9	207.5	199.4	191.3	182.9	173.8	164.7	155.4	145.7
127.5°	222.1	215.6	208.8	200.7	192.6	184.7	176.4	167.9	159.2	150.1	140.7
130°	213.7	207.3	200.6	193.3	185.4	178.0	170.0	161.6	153.3	144.4	135.0
132.5°	204.6	198.7	192.4	185.5	178.0	170.5	163.1	155.2	147.3	138.9	129.6
135°	195.3	189.5	183.5	177.1	170.4	163.2	155.7	148.0	140.3	132.3	123.9
137.5°	185.9	180.4	174.5	168.3	162.0	154.9	147.6	140.4	132.9	125.5	117.4
140°	175.8	170.5	164.8	158.8	152.9	146.9	139.6	132.4	125.2	117.9	110.6
142.5°	165.1	160.3	155.2	149.3	143.2	137.5	131.3	124.4	117.4	110.3	103.2
145°	153.9	149.2	144.2	138.9	133.3	127.7	122.2	116.1	109.3	102.4	95.8
147.5°	142.6	138.1	133.4	128.4	123.2	117.7	112.2	106.6	100.8	94.4	87.9
150°	130.4	126.3	122.1	117.6	112.9	108.0	102.6	97.2	91.8	86.2	80.3
152.5°	117.7	114.0	110.4	106.6	102.2	97.6	92.9	87.9	82.9	77.7	72.3
155°	105.1	101.8	98.3	94.7	90.7	86.6	82.3	78.0	73.5	69.0	64.2
157.5°	92.5	89.5	86.5	83.2	79.5	75.6	71.7	67.9	64.0	60.0	55.7
160°	79.4	76.8	74.1	71.3	68.3	64.9	61.4	57.8	54.2	50.5	47.2
162.5°	66.2	63.9	61.4	58.9	56.4	53.7	51.2	48.3	45.3	42.2	39.1
165°	53.5	51.5	49.5	47.4	45.2	43.1	41.0	38.7	36.3	33.9	31.2
167.5°	40.9	39.4	37.9	36.2	34.4	32.5	30.5	28.6	27.0	25.4	23.7
170°	29.0	28.1	27.1	26.0	24.8	23.7	22.4	21.1	19.8	18.4	17.0
172.5°	19.1	18.4	17.7	16.9	16.1	15.2	14.3	13.3	12.3	11.3	10.3
175°	9.6	9.3	9.1	8.8	8.6	8.3	8.0	7.7	7.4	7.1	6.7
177.5°	4.9	4.8	4.7	4.6	4.5	4.4	4.2	4.1	3.9	3.8	3.6
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231999

CATALOG NUMBER: FVS4WM-4-LD4-50-2STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	3.4	3.3	3.1	2.9	2.7	2.5	2.3	2.1	1.9	1.7	1.5
5°	6.4	6.1	5.7	5.4	5.0	4.6	4.3	3.9	3.5	3.1	2.7
7.5°	8.8	8.4	7.9	7.4	6.9	6.4	5.8	5.3	4.8	4.3	3.7
10°	15.6	14.1	12.6	11.0	9.5	7.7	7.1	6.4	5.8	5.1	4.5
12.5°	22.0	20.2	18.3	16.3	14.3	12.3	10.2	8.1	6.4	5.7	5.0
15°	28.4	25.9	23.5	21.2	18.8	16.5	14.2	11.8	9.5	7.2	5.8
17.5°	35.9	32.7	29.4	26.0	23.0	20.5	17.9	15.3	12.6	9.9	7.2
20°	43.6	39.9	36.2	32.4	28.6	24.9	21.5	18.5	15.4	12.3	9.2
22.5°	51.2	46.7	42.5	38.4	34.2	29.9	25.5	21.0	17.7	14.3	10.9
25°	59.3	54.3	49.4	44.4	39.6	34.7	29.8	24.8	20.0	16.4	12.7
27.5°	66.9	61.4	55.9	50.3	44.7	39.2	34.0	28.9	23.8	18.3	14.5
30°	74.2	68.1	62.3	56.4	50.3	44.0	37.7	32.2	26.7	21.3	15.9
32.5°	81.7	75.4	69.1	62.0	55.7	49.0	42.4	35.6	30.0	24.0	17.9
35°	89.3	82.3	75.2	68.0	60.9	53.8	46.8	39.8	32.8	26.4	20.0
37.5°	96.1	88.7	80.9	73.5	65.8	58.2	50.6	43.2	35.9	28.7	21.8
40°	102.9	94.9	86.8	78.8	70.7	62.6	54.5	46.3	38.3	30.3	23.0
42.5°	109.2	100.9	92.4	83.9	75.4	66.6	57.7	48.9	40.3	32.3	24.5
45°	115.2	106.5	97.7	88.9	79.5	70.1	60.8	51.6	42.4	33.7	25.5
47.5°	120.7	111.8	102.5	92.9	83.3	73.6	63.4	53.5	44.1	35.0	26.6
50°	126.3	116.8	106.9	96.8	86.6	75.8	65.1	55.3	45.9	36.4	27.8
52.5°	131.4	121.9	111.3	100.4	89.4	78.0	66.9	56.8	46.7	37.3	28.6
55°	135.8	125.5	114.8	103.2	91.6	80.0	68.9	58.4	48.1	38.6	29.4
57.5°	139.8	129.0	117.8	106.0	94.1	81.9	70.4	59.3	48.9	39.1	29.8
60°	143.9	132.5	120.9	108.9	96.0	83.7	71.9	60.8	50.0	40.1	30.4
62.5°	147.0	135.8	124.2	111.3	98.0	85.0	72.9	61.5	50.4	40.1	30.8
65°	150.0	138.8	126.8	113.9	99.6	86.1	73.8	62.2	51.0	40.2	30.5
67.5°	152.1	141.1	129.4	116.3	101.7	87.5	74.6	62.7	51.1	40.5	30.7
70°	154.1	142.8	131.4	118.5	103.6	89.1	75.1	62.5	50.8	40.3	30.2
72.5°	156.4	144.9	132.7	119.8	105.5	90.6	76.1	62.9	50.5	39.6	29.5
75°	157.4	145.7	133.1	121.0	107.7	92.4	77.1	63.2	50.9	39.0	29.0
77.5°	158.1	146.0	133.8	122.0	108.9	94.2	78.8	63.9	50.8	38.7	27.9
80°	158.8	146.5	133.9	121.8	108.9	95.6	81.2	65.4	50.7	37.7	26.9
82.5°	159.0	146.4	133.4	121.4	108.4	95.1	81.8	67.4	51.7	37.3	25.2
85°	159.0	146.4	133.4	120.9	107.0	94.2	81.0	67.6	53.8	38.9	24.6
87.5°	159.2	146.4	134.0	120.6	106.3	93.7	80.3	66.8	53.6	40.2	26.7
90°	159.6	146.1	133.6	121.0	105.8	94.1	79.8	66.3	53.8	39.4	26.9
92.5°	159.2	146.4	134.0	120.6	106.3	93.7	80.3	66.8	53.6	40.2	26.7
95°	159.0	146.4	133.4	120.9	107.0	94.2	81.0	67.6	53.8	38.9	24.6
97.5°	159.0	146.4	133.4	121.4	108.4	95.1	81.8	67.4	51.7	37.3	25.2
100°	158.8	146.5	133.9	121.8	108.9	95.6	81.2	65.4	50.7	37.7	26.9
102.5°	158.1	146.0	133.8	122.0	108.9	94.2	78.8	63.9	50.8	38.7	27.9
105°	157.4	145.7	133.1	121.0	107.7	92.4	77.1	63.2	50.9	39.0	29.0
107.5°	156.4	144.9	132.7	119.8	105.5	90.6	76.1	62.9	50.5	39.6	29.5
110°	154.1	142.8	131.4	118.5	103.6	89.1	75.1	62.5	50.8	40.3	30.2



TEST NUMBER: P231999

CATALOG NUMBER: FVS4WM-4-LD4-50-2STD-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°	152.1	141.1	129.4	116.3	101.7	87.5	74.6	62.7	51.1	40.5	30.7
115°	150.0	138.8	126.8	113.9	99.6	86.1	73.8	62.2	51.0	40.2	30.5
117.5°	147.0	135.8	124.2	111.3	98.0	85.0	72.9	61.5	50.4	40.1	30.8
120°	143.9	132.5	120.9	108.9	96.0	83.7	71.9	60.8	50.0	40.1	30.4
122.5°	139.8	129.0	117.8	106.0	94.1	81.9	70.4	59.3	48.9	39.1	29.8
125°	135.8	125.5	114.8	103.2	91.6	80.0	68.9	58.4	48.1	38.6	29.4
127.5°	131.4	121.9	111.3	100.4	89.4	78.0	66.9	56.8	46.7	37.3	28.6
130°	126.3	116.8	106.9	96.8	86.6	75.8	65.1	55.3	45.9	36.4	27.8
132.5°	120.7	111.8	102.5	92.9	83.3	73.6	63.4	53.5	44.1	35.0	26.6
135°	115.2	106.5	97.7	88.9	79.5	70.1	60.8	51.6	42.4	33.7	25.5
137.5°	109.2	100.9	92.4	83.9	75.4	66.6	57.7	48.9	40.3	32.3	24.5
140°	102.9	94.9	86.8	78.8	70.7	62.6	54.5	46.3	38.3	30.3	23.0
142.5°	96.1	88.7	80.9	73.5	65.8	58.2	50.6	43.2	35.9	28.7	21.8
145°	89.3	82.3	75.2	68.0	60.9	53.8	46.8	39.8	32.8	26.4	20.0
147.5°	81.7	75.4	69.1	62.0	55.7	49.0	42.4	35.6	30.0	24.0	17.9
150°	74.2	68.1	62.3	56.4	50.3	44.0	37.7	32.2	26.7	21.3	15.9
152.5°	66.9	61.4	55.9	50.3	44.7	39.2	34.0	28.9	23.8	18.3	14.5
155°	59.3	54.3	49.4	44.4	39.6	34.7	29.8	24.8	20.0	16.4	12.7
157.5°	51.2	46.7	42.5	38.4	34.2	29.9	25.5	21.0	17.7	14.3	10.9
160°	43.6	39.9	36.2	32.4	28.6	24.9	21.5	18.5	15.4	12.3	9.2
162.5°	35.9	32.7	29.4	26.0	23.0	20.5	17.9	15.3	12.6	9.9	7.2
165°	28.4	25.9	23.5	21.2	18.8	16.5	14.2	11.8	9.5	7.2	5.8
167.5°	22.0	20.2	18.3	16.3	14.3	12.3	10.2	8.1	6.4	5.7	5.0
170°	15.6	14.1	12.6	11.0	9.5	7.7	7.1	6.4	5.8	5.1	4.5
172.5°	8.8	8.4	7.9	7.4	6.9	6.4	5.8	5.3	4.8	4.3	3.7
175°	6.4	6.1	5.7	5.4	5.0	4.6	4.3	3.9	3.5	3.1	2.7
177.5°	3.4	3.3	3.1	2.9	2.7	2.5	2.3	2.1	1.9	1.7	1.5
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231999

CATALOG NUMBER: FVS4WM-4-LD4-50-2STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	1.3	1.1	0.9	0.6	0.4	0.2	0.0	0.2	0.4	0.6	0.9
5°	2.4	2.0	1.6	1.2	0.8	0.4	0.0	0.4	0.8	1.2	1.6
7.5°	3.2	2.7	2.1	1.6	1.1	0.5	0.0	0.5	1.1	1.6	2.1
10°	3.8	3.2	2.5	1.9	1.3	0.6	0.0	0.6	1.3	1.9	2.5
12.5°	4.2	3.5	2.8	2.1	1.4	0.7	0.0	0.7	1.4	2.1	2.8
15°	5.0	4.2	3.4	2.5	1.7	0.8	0.0	0.8	1.7	2.5	3.4
17.5°	5.2	4.3	3.4	2.6	1.7	0.9	0.0	0.9	1.7	2.6	3.4
20°	6.1	4.2	3.3	2.5	1.6	0.8	0.0	0.8	1.6	2.5	3.3
22.5°	7.6	4.2	3.1	2.3	1.5	0.7	0.0	0.7	1.5	2.3	3.1
25°	9.1	5.4	2.6	1.9	1.3	0.6	0.0	0.6	1.3	1.9	2.6
27.5°	10.5	6.5	2.5	1.5	1.0	0.5	0.0	0.5	1.0	1.5	2.5
30°	11.7	7.7	3.8	1.6	1.0	0.5	0.0	0.5	1.0	1.6	3.8
32.5°	12.6	8.5	4.4	1.0	0.6	0.3	0.0	0.3	0.6	1.0	4.4
35°	13.6	9.2	5.2	1.4	0.6	0.3	0.0	0.3	0.6	1.4	5.2
37.5°	15.2	9.5	5.8	2.2	0.7	0.3	0.0	0.3	0.7	2.2	5.8
40°	16.4	9.8	6.0	2.8	0.8	0.4	0.0	0.4	0.8	2.8	6.0
42.5°	17.4	10.7	5.7	3.0	0.8	0.4	0.0	0.4	0.8	3.0	5.7
45°	17.8	11.2	5.0	2.5	0.1	0.0	0.0	0.0	0.1	2.5	5.0
47.5°	18.8	11.9	5.6	2.6	1.1	0.9	0.9	0.9	1.1	2.6	5.6
50°	19.8	12.3	6.4	2.4	1.3	0.9	0.9	0.9	1.3	2.4	6.4
52.5°	20.1	12.6	6.6	2.0	1.2	0.9	0.9	0.9	1.2	2.0	6.6
55°	20.7	12.9	6.4	2.4	1.3	0.9	0.9	0.9	1.3	2.4	6.4
57.5°	21.1	13.1	5.9	2.4	1.0	0.9	0.9	0.9	1.0	2.4	5.9
60°	21.2	13.2	6.7	2.5	0.9	0.9	0.9	0.9	0.9	2.5	6.7
62.5°	21.9	14.0	7.2	2.6	0.9	0.9	0.9	0.9	0.9	2.6	7.2
65°	22.2	14.5	7.0	2.6	1.0	0.9	0.9	0.9	1.0	2.6	7.0
67.5°	22.1	14.1	6.9	2.4	1.0	0.9	0.9	0.9	1.0	2.4	6.9
70°	21.5	14.1	6.6	2.2	0.9	0.9	0.9	0.9	0.9	2.2	6.6
72.5°	21.0	13.3	6.5	2.2	0.3	0.9	0.9	0.9	0.3	2.2	6.5
75°	19.9	12.4	6.0	1.5	0.2	0.9	0.9	0.9	0.2	1.5	6.0
77.5°	18.7	11.6	4.8	0.8	0.0	0.1	0.0	0.1	0.0	0.8	4.8
80°	17.0	9.3	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4
82.5°	15.2	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	13.3	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	13.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	15.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	13.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	13.3	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	15.2	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	17.0	9.3	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4
102.5°	18.7	11.6	4.8	0.8	0.0	0.1	0.0	0.1	0.0	0.8	4.8
105°	19.9	12.4	6.0	1.5	0.2	0.9	0.9	0.9	0.2	1.5	6.0
107.5°	21.0	13.3	6.5	2.2	0.3	0.9	0.9	0.9	0.3	2.2	6.5
110°	21.5	14.1	6.6	2.2	0.9	0.9	0.9	0.9	0.9	2.2	6.6



TEST NUMBER: P231999

CATALOG NUMBER: FVS4WM-4-LD4-50-2STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	22.1	14.1	6.9	2.4	1.0	0.9	0.9	0.9	1.0	2.4	6.9
115°	22.2	14.5	7.0	2.6	1.0	0.9	0.9	0.9	1.0	2.6	7.0
117.5°	21.9	14.0	7.2	2.6	0.9	0.9	0.9	0.9	0.9	2.6	7.2
120°	21.2	13.2	6.7	2.5	0.9	0.9	0.9	0.9	0.9	2.5	6.7
122.5°	21.1	13.1	5.9	2.4	1.0	0.9	0.9	0.9	1.0	2.4	5.9
125°	20.7	12.9	6.4	2.4	1.3	0.9	0.9	0.9	1.3	2.4	6.4
127.5°	20.1	12.6	6.6	2.0	1.2	0.9	0.9	0.9	1.2	2.0	6.6
130°	19.8	12.3	6.4	2.4	1.3	0.9	0.9	0.9	1.3	2.4	6.4
132.5°	18.8	11.9	5.6	2.6	1.1	0.9	0.9	0.9	1.1	2.6	5.6
135°	17.8	11.2	5.0	2.5	0.1	0.0	0.0	0.0	0.1	2.5	5.0
137.5°	17.4	10.7	5.7	3.0	0.8	0.4	0.0	0.4	0.8	3.0	5.7
140°	16.4	9.8	6.0	2.8	0.8	0.4	0.0	0.4	0.8	2.8	6.0
142.5°	15.2	9.5	5.8	2.2	0.7	0.3	0.0	0.3	0.7	2.2	5.8
145°	13.6	9.2	5.2	1.4	0.6	0.3	0.0	0.3	0.6	1.4	5.2
147.5°	12.6	8.5	4.4	1.0	0.6	0.3	0.0	0.3	0.6	1.0	4.4
150°	11.7	7.7	3.8	1.6	1.0	0.5	0.0	0.5	1.0	1.6	3.8
152.5°	10.5	6.5	2.5	1.5	1.0	0.5	0.0	0.5	1.0	1.5	2.5
155°	9.1	5.4	2.6	1.9	1.3	0.6	0.0	0.6	1.3	1.9	2.6
157.5°	7.6	4.2	3.1	2.3	1.5	0.7	0.0	0.7	1.5	2.3	3.1
160°	6.1	4.2	3.3	2.5	1.6	0.8	0.0	0.8	1.6	2.5	3.3
162.5°	5.2	4.3	3.4	2.6	1.7	0.9	0.0	0.9	1.7	2.6	3.4
165°	5.0	4.2	3.4	2.5	1.7	0.8	0.0	0.8	1.7	2.5	3.4
167.5°	4.2	3.5	2.8	2.1	1.4	0.7	0.0	0.7	1.4	2.1	2.8
170°	3.8	3.2	2.5	1.9	1.3	0.6	0.0	0.6	1.3	1.9	2.5
172.5°	3.2	2.7	2.1	1.6	1.1	0.5	0.0	0.5	1.1	1.6	2.1
175°	2.4	2.0	1.6	1.2	0.8	0.4	0.0	0.4	0.8	1.2	1.6
177.5°	1.3	1.1	0.9	0.6	0.4	0.2	0.0	0.2	0.4	0.6	0.9
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231999

CATALOG NUMBER: FVS4WM-4-LD4-50-2STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	1.1	1.3	1.5	1.7	1.9	2.1	2.3	2.5	2.7	2.9	3.1
5°	2.0	2.4	2.7	3.1	3.5	3.9	4.3	4.6	5.0	5.4	5.7
7.5°	2.7	3.2	3.7	4.3	4.8	5.3	5.8	6.4	6.9	7.4	7.9
10°	3.2	3.8	4.5	5.1	5.8	6.4	7.1	7.7	9.5	11.0	12.6
12.5°	3.5	4.2	5.0	5.7	6.4	8.1	10.2	12.3	14.3	16.3	18.3
15°	4.2	5.0	5.8	7.2	9.5	11.8	14.2	16.5	18.8	21.2	23.5
17.5°	4.3	5.2	7.2	9.9	12.6	15.3	17.9	20.5	23.0	26.0	29.4
20°	4.2	6.1	9.2	12.3	15.4	18.5	21.5	24.9	28.6	32.4	36.2
22.5°	4.2	7.6	10.9	14.3	17.7	21.0	25.5	29.9	34.2	38.4	42.5
25°	5.4	9.1	12.7	16.4	20.0	24.8	29.8	34.7	39.6	44.4	49.4
27.5°	6.5	10.5	14.5	18.3	23.8	28.9	34.0	39.2	44.7	50.3	55.9
30°	7.7	11.7	15.9	21.3	26.7	32.2	37.7	44.0	50.3	56.4	62.3
32.5°	8.5	12.6	17.9	24.0	30.0	35.6	42.4	49.0	55.7	62.0	69.1
35°	9.2	13.6	20.0	26.4	32.8	39.8	46.8	53.8	60.9	68.0	75.2
37.5°	9.5	15.2	21.8	28.7	35.9	43.2	50.6	58.2	65.8	73.5	80.9
40°	9.8	16.4	23.0	30.3	38.3	46.3	54.5	62.6	70.7	78.8	86.8
42.5°	10.7	17.4	24.5	32.3	40.3	48.9	57.7	66.6	75.4	83.9	92.4
45°	11.2	17.8	25.5	33.7	42.4	51.6	60.8	70.1	79.5	88.9	97.7
47.5°	11.9	18.8	26.6	35.0	44.1	53.5	63.4	73.6	83.3	92.9	102.5
50°	12.3	19.8	27.8	36.4	45.9	55.3	65.1	75.8	86.6	96.8	106.9
52.5°	12.6	20.1	28.6	37.3	46.7	56.8	66.9	78.0	89.4	100.4	111.3
55°	12.9	20.7	29.4	38.6	48.1	58.4	68.9	80.0	91.6	103.2	114.8
57.5°	13.1	21.1	29.8	39.1	48.9	59.3	70.4	81.9	94.1	106.0	117.8
60°	13.2	21.2	30.4	40.1	50.0	60.8	71.9	83.7	96.0	108.9	120.9
62.5°	14.0	21.9	30.8	40.1	50.4	61.5	72.9	85.0	98.0	111.3	124.2
65°	14.5	22.2	30.5	40.2	51.0	62.2	73.8	86.1	99.6	113.9	126.8
67.5°	14.1	22.1	30.7	40.5	51.1	62.7	74.6	87.5	101.7	116.3	129.4
70°	14.1	21.5	30.2	40.3	50.8	62.5	75.1	89.1	103.6	118.5	131.4
72.5°	13.3	21.0	29.5	39.6	50.5	62.9	76.1	90.6	105.5	119.8	132.7
75°	12.4	19.9	29.0	39.0	50.9	63.2	77.1	92.4	107.7	121.0	133.1
77.5°	11.6	18.7	27.9	38.7	50.8	63.9	78.8	94.2	108.9	122.0	133.8
80°	9.3	17.0	26.9	37.7	50.7	65.4	81.2	95.6	108.9	121.8	133.9
82.5°	6.6	15.2	25.2	37.3	51.7	67.4	81.8	95.1	108.4	121.4	133.4
85°	3.6	13.3	24.6	38.9	53.8	67.6	81.0	94.2	107.0	120.9	133.4
87.5°	1.1	13.0	26.7	40.2	53.6	66.8	80.3	93.7	106.3	120.6	134.0
90°	0.0	15.2	26.9	39.4	53.8	66.3	79.8	94.1	105.8	121.0	133.6
92.5°	1.1	13.0	26.7	40.2	53.6	66.8	80.3	93.7	106.3	120.6	134.0
95°	3.6	13.3	24.6	38.9	53.8	67.6	81.0	94.2	107.0	120.9	133.4
97.5°	6.6	15.2	25.2	37.3	51.7	67.4	81.8	95.1	108.4	121.4	133.4
100°	9.3	17.0	26.9	37.7	50.7	65.4	81.2	95.6	108.9	121.8	133.9
102.5°	11.6	18.7	27.9	38.7	50.8	63.9	78.8	94.2	108.9	122.0	133.8
105°	12.4	19.9	29.0	39.0	50.9	63.2	77.1	92.4	107.7	121.0	133.1
107.5°	13.3	21.0	29.5	39.6	50.5	62.9	76.1	90.6	105.5	119.8	132.7
110°	14.1	21.5	30.2	40.3	50.8	62.5	75.1	89.1	103.6	118.5	131.4



TEST NUMBER: P231999

CATALOG NUMBER: FVS4WM-4-LD4-50-2STD-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°	14.1	22.1	30.7	40.5	51.1	62.7	74.6	87.5	101.7	116.3	129.4
115°	14.5	22.2	30.5	40.2	51.0	62.2	73.8	86.1	99.6	113.9	126.8
117.5°	14.0	21.9	30.8	40.1	50.4	61.5	72.9	85.0	98.0	111.3	124.2
120°	13.2	21.2	30.4	40.1	50.0	60.8	71.9	83.7	96.0	108.9	120.9
122.5°	13.1	21.1	29.8	39.1	48.9	59.3	70.4	81.9	94.1	106.0	117.8
125°	12.9	20.7	29.4	38.6	48.1	58.4	68.9	80.0	91.6	103.2	114.8
127.5°	12.6	20.1	28.6	37.3	46.7	56.8	66.9	78.0	89.4	100.4	111.3
130°	12.3	19.8	27.8	36.4	45.9	55.3	65.1	75.8	86.6	96.8	106.9
132.5°	11.9	18.8	26.6	35.0	44.1	53.5	63.4	73.6	83.3	92.9	102.5
135°	11.2	17.8	25.5	33.7	42.4	51.6	60.8	70.1	79.5	88.9	97.7
137.5°	10.7	17.4	24.5	32.3	40.3	48.9	57.7	66.6	75.4	83.9	92.4
140°	9.8	16.4	23.0	30.3	38.3	46.3	54.5	62.6	70.7	78.8	86.8
142.5°	9.5	15.2	21.8	28.7	35.9	43.2	50.6	58.2	65.8	73.5	80.9
145°	9.2	13.6	20.0	26.4	32.8	39.8	46.8	53.8	60.9	68.0	75.2
147.5°	8.5	12.6	17.9	24.0	30.0	35.6	42.4	49.0	55.7	62.0	69.1
150°	7.7	11.7	15.9	21.3	26.7	32.2	37.7	44.0	50.3	56.4	62.3
152.5°	6.5	10.5	14.5	18.3	23.8	28.9	34.0	39.2	44.7	50.3	55.9
155°	5.4	9.1	12.7	16.4	20.0	24.8	29.8	34.7	39.6	44.4	49.4
157.5°	4.2	7.6	10.9	14.3	17.7	21.0	25.5	29.9	34.2	38.4	42.5
160°	4.2	6.1	9.2	12.3	15.4	18.5	21.5	24.9	28.6	32.4	36.2
162.5°	4.3	5.2	7.2	9.9	12.6	15.3	17.9	20.5	23.0	26.0	29.4
165°	4.2	5.0	5.8	7.2	9.5	11.8	14.2	16.5	18.8	21.2	23.5
167.5°	3.5	4.2	5.0	5.7	6.4	8.1	10.2	12.3	14.3	16.3	18.3
170°	3.2	3.8	4.5	5.1	5.8	6.4	7.1	7.7	9.5	11.0	12.6
172.5°	2.7	3.2	3.7	4.3	4.8	5.3	5.8	6.4	6.9	7.4	7.9
175°	2.0	2.4	2.7	3.1	3.5	3.9	4.3	4.6	5.0	5.4	5.7
177.5°	1.1	1.3	1.5	1.7	1.9	2.1	2.3	2.5	2.7	2.9	3.1
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231999

CATALOG NUMBER: FVS4WM-4-LD4-50-2STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	3.3	3.4	3.6	3.8	3.9	4.1	4.2	4.4	4.5	4.6	4.7
5°	6.1	6.4	6.7	7.1	7.4	7.7	8.0	8.3	8.6	8.8	9.1
7.5°	8.4	8.8	10.3	11.3	12.3	13.3	14.3	15.2	16.1	16.9	17.7
10°	14.1	15.6	17.0	18.4	19.8	21.1	22.4	23.7	24.8	26.0	27.1
12.5°	20.2	22.0	23.7	25.4	27.0	28.6	30.5	32.5	34.4	36.2	37.9
15°	25.9	28.4	31.2	33.9	36.3	38.7	41.0	43.1	45.2	47.4	49.5
17.5°	32.7	35.9	39.1	42.2	45.3	48.3	51.2	53.7	56.4	58.9	61.4
20°	39.9	43.6	47.2	50.5	54.2	57.8	61.4	64.9	68.3	71.3	74.1
22.5°	46.7	51.2	55.7	60.0	64.0	67.9	71.7	75.6	79.5	83.2	86.5
25°	54.3	59.3	64.2	69.0	73.5	78.0	82.3	86.6	90.7	94.7	98.3
27.5°	61.4	66.9	72.3	77.7	82.9	87.9	92.9	97.6	102.2	106.6	110.4
30°	68.1	74.2	80.3	86.2	91.8	97.2	102.6	108.0	112.9	117.6	122.1
32.5°	75.4	81.7	87.9	94.4	100.8	106.6	112.2	117.7	123.2	128.4	133.4
35°	82.3	89.3	95.8	102.4	109.3	116.1	122.2	127.7	133.3	138.9	144.2
37.5°	88.7	96.1	103.2	110.3	117.4	124.4	131.3	137.5	143.2	149.3	155.2
40°	94.9	102.9	110.6	117.9	125.2	132.4	139.6	146.9	152.9	158.8	164.8
42.5°	100.9	109.2	117.4	125.5	132.9	140.4	147.6	154.9	162.0	168.3	174.5
45°	106.5	115.2	123.9	132.3	140.3	148.0	155.7	163.2	170.4	177.1	183.5
47.5°	111.8	120.7	129.6	138.9	147.3	155.2	163.1	170.5	178.0	185.5	192.4
50°	116.8	126.3	135.0	144.4	153.3	161.6	170.0	178.0	185.4	193.3	200.6
52.5°	121.9	131.4	140.7	150.1	159.2	167.9	176.4	184.7	192.6	200.7	208.8
55°	125.5	135.8	145.7	155.4	164.7	173.8	182.9	191.3	199.4	207.5	215.9
57.5°	129.0	139.8	150.2	160.4	170.0	179.2	188.3	197.1	205.6	214.1	222.7
60°	132.5	143.9	154.4	164.5	174.3	184.0	193.8	202.6	211.3	219.9	228.3
62.5°	135.8	147.0	157.9	168.6	178.6	188.3	198.3	207.5	216.5	225.6	234.0
65°	138.8	150.0	160.6	171.9	182.5	192.5	202.6	212.2	221.1	230.2	238.6
67.5°	141.1	152.1	162.9	174.5	185.7	195.9	206.0	216.2	225.5	234.7	243.1
70°	142.8	154.1	165.4	176.8	188.7	199.1	209.4	219.5	228.8	238.3	247.1
72.5°	144.9	156.4	167.8	178.8	190.5	201.4	212.2	222.6	232.2	241.7	250.6
75°	145.7	157.4	169.8	180.9	192.1	203.4	214.4	224.8	234.3	243.7	253.0
77.5°	146.0	158.1	170.1	182.0	193.6	204.9	216.3	226.8	236.4	245.7	255.1
80°	146.5	158.8	170.6	182.5	194.3	205.7	217.1	227.7	237.5	247.2	256.8
82.5°	146.4	159.0	171.3	183.1	194.7	206.4	217.9	228.5	238.4	248.1	257.8
85°	146.4	159.0	171.5	183.8	195.4	206.6	218.7	228.9	239.3	248.5	258.3
87.5°	146.4	159.2	171.5	183.8	195.4	206.6	218.7	228.9	239.3	248.5	258.3
90°	146.1	159.6	171.2	183.8	195.4	207.1	218.7	229.5	240.2	248.3	259.0
92.5°	146.4	159.2	171.5	184.0	195.6	206.7	218.9	229.1	239.8	248.4	258.6
95°	146.4	159.0	171.5	183.8	195.4	206.6	218.7	228.9	239.3	248.5	258.3
97.5°	146.4	159.0	171.3	183.1	194.7	206.4	217.9	228.5	238.4	248.1	257.8
100°	146.5	158.8	170.6	182.5	194.3	205.7	217.1	227.7	237.5	247.2	256.8
102.5°	146.0	158.1	170.1	182.0	193.6	204.9	216.3	226.8	236.4	245.7	255.1
105°	145.7	157.4	169.8	180.9	192.1	203.4	214.4	224.8	234.3	243.7	253.0
107.5°	144.9	156.4	167.8	178.8	190.5	201.4	212.2	222.6	232.2	241.7	250.6
110°	142.8	154.1	165.4	176.8	188.7	199.1	209.4	219.5	228.8	238.3	247.1



TEST NUMBER: P231999

CATALOG NUMBER: FVS4WM-4-LD4-50-2STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	141.1	152.1	162.9	174.5	185.7	195.9	206.0	216.2	225.5	234.7	243.1
115°	138.8	150.0	160.6	171.9	182.5	192.5	202.6	212.2	221.1	230.2	238.6
117.5°	135.8	147.0	157.9	168.6	178.6	188.3	198.3	207.5	216.5	225.6	234.0
120°	132.5	143.9	154.4	164.5	174.3	184.0	193.8	202.6	211.3	219.9	228.3
122.5°	129.0	139.8	150.2	160.4	170.0	179.2	188.3	197.1	205.6	214.1	222.7
125°	125.5	135.8	145.7	155.4	164.7	173.8	182.9	191.3	199.4	207.5	215.9
127.5°	121.9	131.4	140.7	150.1	159.2	167.9	176.4	184.7	192.6	200.7	208.8
130°	116.8	126.3	135.0	144.4	153.3	161.6	170.0	178.0	185.4	193.3	200.6
132.5°	111.8	120.7	129.6	138.9	147.3	155.2	163.1	170.5	178.0	185.5	192.4
135°	106.5	115.2	123.9	132.3	140.3	148.0	155.7	163.2	170.4	177.1	183.5
137.5°	100.9	109.2	117.4	125.5	132.9	140.4	147.6	154.9	162.0	168.3	174.5
140°	94.9	102.9	110.6	117.9	125.2	132.4	139.6	146.9	152.9	158.8	164.8
142.5°	88.7	96.1	103.2	110.3	117.4	124.4	131.3	137.5	143.2	149.3	155.2
145°	82.3	89.3	95.8	102.4	109.3	116.1	122.2	127.7	133.3	138.9	144.2
147.5°	75.4	81.7	87.9	94.4	100.8	106.6	112.2	117.7	123.2	128.4	133.4
150°	68.1	74.2	80.3	86.2	91.8	97.2	102.6	108.0	112.9	117.6	122.1
152.5°	61.4	66.9	72.3	77.7	82.9	87.9	92.9	97.6	102.2	106.6	110.4
155°	54.3	59.3	64.2	69.0	73.5	78.0	82.3	86.6	90.7	94.7	98.3
157.5°	46.7	51.2	55.7	60.0	64.0	67.9	71.7	75.6	79.5	83.2	86.5
160°	39.9	43.6	47.2	50.5	54.2	57.8	61.4	64.9	68.3	71.3	74.1
162.5°	32.7	35.9	39.1	42.2	45.3	48.3	51.2	53.7	56.4	58.9	61.4
165°	25.9	28.4	31.2	33.9	36.3	38.7	41.0	43.1	45.2	47.4	49.5
167.5°	20.2	22.0	23.7	25.4	27.0	28.6	30.5	32.5	34.4	36.2	37.9
170°	14.1	15.6	17.0	18.4	19.8	21.1	22.4	23.7	24.8	26.0	27.1
172.5°	8.4	8.8	10.3	11.3	12.3	13.3	14.3	15.2	16.1	16.9	17.7
175°	6.1	6.4	6.7	7.1	7.4	7.7	8.0	8.3	8.6	8.8	9.1
177.5°	3.3	3.4	3.6	3.8	3.9	4.1	4.2	4.4	4.5	4.6	4.7
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231999

CATALOG NUMBER: FVS4WM-4-LD4-50-2STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	4.8	4.9	5.0	5.1	5.2	5.2	5.3	5.3	5.4	5.4	5.9
5°	9.3	9.6	9.8	10.0	10.2	10.3	10.5	10.6	10.7	10.8	11.7
7.5°	18.4	19.1	19.7	20.4	20.9	21.4	21.9	22.3	22.6	22.9	24.3
10°	28.1	29.0	29.9	30.8	31.6	32.5	33.2	33.9	34.5	35.0	37.0
12.5°	39.4	40.9	42.2	43.4	44.5	45.6	46.7	47.7	48.6	49.3	51.8
15°	51.5	53.5	55.0	56.4	57.7	58.9	60.2	61.5	62.6	63.6	66.5
17.5°	63.9	66.2	68.3	70.2	71.9	73.3	74.8	76.3	77.7	78.9	82.4
20°	76.8	79.4	81.8	84.1	86.0	87.8	89.5	91.2	92.8	94.1	98.3
22.5°	89.5	92.5	95.1	97.7	100.0	102.1	103.9	105.8	107.7	109.4	114.2
25°	101.8	105.1	108.2	111.2	114.0	116.3	118.3	120.3	122.6	124.6	130.1
27.5°	114.0	117.7	121.2	124.4	127.5	130.1	132.3	134.3	136.7	139.0	145.0
30°	126.3	130.4	134.2	137.7	141.0	143.9	146.2	148.3	150.9	153.3	159.9
32.5°	138.1	142.6	146.6	150.4	153.8	156.9	159.4	161.5	164.4	167.2	174.0
35°	149.2	153.9	158.4	162.6	166.5	169.8	172.5	174.8	177.9	181.1	188.1
37.5°	160.3	165.1	169.7	174.1	178.3	181.5	184.4	186.7	190.0	193.7	201.1
40°	170.5	175.8	180.6	185.1	189.4	193.1	196.2	198.6	202.0	206.2	214.1
42.5°	180.4	185.9	191.0	195.9	200.3	204.2	207.3	209.9	213.5	217.9	226.2
45°	189.5	195.3	200.8	205.9	210.9	215.4	218.2	221.2	224.9	229.5	238.2
47.5°	198.7	204.6	210.3	215.6	220.8	225.6	228.3	231.3	235.0	239.8	248.9
50°	207.3	213.7	219.5	225.0	230.4	235.4	238.4	241.4	245.2	250.1	259.6
52.5°	215.6	222.1	228.1	233.7	239.0	244.1	247.5	250.7	254.4	259.5	270.0
55°	222.9	229.5	235.8	241.9	247.3	252.6	256.6	259.9	263.6	268.9	280.5
57.5°	230.1	236.7	243.2	249.0	254.6	259.9	264.1	267.5	271.2	277.0	288.6
60°	236.2	243.4	250.7	255.7	261.5	267.1	271.5	275.0	278.8	285.0	296.6
62.5°	242.1	249.5	256.5	262.0	267.8	273.3	277.8	281.7	285.7	291.8	304.0
65°	246.8	254.7	261.6	267.9	274.1	279.6	284.0	288.3	292.7	298.5	311.4
67.5°	251.3	259.3	266.4	272.7	278.9	284.7	289.6	293.6	297.6	303.9	316.2
70°	255.3	263.4	270.8	277.1	283.4	289.6	295.2	298.8	302.5	309.2	321.0
72.5°	258.7	266.9	274.5	281.0	287.3	293.7	298.9	302.8	306.4	313.3	325.7
75°	261.3	269.9	277.7	284.6	291.1	297.8	302.4	306.8	310.3	317.3	330.8
77.5°	263.3	272.1	280.0	287.2	293.3	300.1	305.0	309.4	313.0	320.0	333.4
80°	265.0	273.9	281.9	289.6	295.2	302.3	307.5	312.0	315.6	322.7	336.1
82.5°	266.2	275.1	283.4	290.6	296.9	303.6	308.8	313.3	316.9	324.5	337.9
85°	267.2	276.2	285.0	291.4	298.5	304.8	310.1	314.6	318.2	326.3	339.7
87.5°	267.2	276.6	285.0	291.8	298.5	305.3	310.6	315.1	318.7	326.3	340.1
90°	267.1	277.0	285.0	292.2	298.5	305.7	311.0	315.5	319.1	326.3	340.6
92.5°	267.2	276.6	285.0	291.8	298.5	305.3	310.6	315.1	318.7	326.3	340.1
95°	267.2	276.2	285.0	291.4	298.5	304.8	310.1	314.6	318.2	326.3	339.7
97.5°	266.2	275.1	283.4	290.6	296.9	303.6	308.8	313.3	316.9	324.5	337.9
100°	265.0	273.9	281.9	289.6	295.2	302.3	307.5	312.0	315.6	322.7	336.1
102.5°	263.3	272.1	280.0	287.2	293.3	300.1	305.0	309.4	313.0	320.0	333.4
105°	261.3	269.9	277.7	284.6	291.1	297.8	302.4	306.8	310.3	317.3	330.8
107.5°	258.7	266.9	274.5	281.0	287.3	293.7	298.9	302.8	306.4	313.3	325.7
110°	255.3	263.4	270.8	277.1	283.4	289.6	295.2	298.8	302.5	309.2	321.0



TEST NUMBER: P231999

CATALOG NUMBER: FVS4WM-4-LD4-50-2STD-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°	251.3	259.3	266.4	272.7	278.9	284.7	289.6	293.6	297.6	303.9	316.2
115°	246.8	254.7	261.6	267.9	274.1	279.6	284.0	288.3	292.7	298.5	311.4
117.5°	242.1	249.5	256.5	262.0	267.8	273.3	277.8	281.7	285.7	291.8	304.0
120°	236.2	243.4	250.7	255.7	261.5	267.1	271.5	275.0	278.8	285.0	296.6
122.5°	230.1	236.7	243.2	249.0	254.6	259.9	264.1	267.5	271.2	277.0	288.6
125°	222.9	229.5	235.8	241.9	247.3	252.6	256.6	259.9	263.6	268.9	280.5
127.5°	215.6	222.1	228.1	233.7	239.0	244.1	247.5	250.7	254.4	259.5	270.0
130°	207.3	213.7	219.5	225.0	230.4	235.4	238.4	241.4	245.2	250.1	259.6
132.5°	198.7	204.6	210.3	215.6	220.8	225.6	228.3	231.3	235.0	239.8	248.9
135°	189.5	195.3	200.8	205.9	210.9	215.4	218.2	221.2	224.9	229.5	238.2
137.5°	180.4	185.9	191.0	195.9	200.3	204.2	207.3	209.9	213.5	217.9	226.2
140°	170.5	175.8	180.6	185.1	189.4	193.1	196.2	198.6	202.0	206.2	214.1
142.5°	160.3	165.1	169.7	174.1	178.3	181.5	184.4	186.7	190.0	193.7	201.1
145°	149.2	153.9	158.4	162.6	166.5	169.8	172.5	174.8	177.9	181.1	188.1
147.5°	138.1	142.6	146.6	150.4	153.8	156.9	159.4	161.5	164.4	167.2	174.0
150°	126.3	130.4	134.2	137.7	141.0	143.9	146.2	148.3	150.9	153.3	159.9
152.5°	114.0	117.7	121.2	124.4	127.5	130.1	132.3	134.3	136.7	139.0	145.0
155°	101.8	105.1	108.2	111.2	114.0	116.3	118.3	120.3	122.6	124.6	130.1
157.5°	89.5	92.5	95.1	97.7	100.0	102.1	103.9	105.8	107.7	109.4	114.2
160°	76.8	79.4	81.8	84.1	86.0	87.8	89.5	91.2	92.8	94.1	98.3
162.5°	63.9	66.2	68.3	70.2	71.9	73.3	74.8	76.3	77.7	78.9	82.4
165°	51.5	53.5	55.0	56.4	57.7	58.9	60.2	61.5	62.6	63.6	66.5
167.5°	39.4	40.9	42.2	43.4	44.5	45.6	46.7	47.7	48.6	49.3	51.8
170°	28.1	29.0	29.9	30.8	31.6	32.5	33.2	33.9	34.5	35.0	37.0
172.5°	18.4	19.1	19.7	20.4	20.9	21.4	21.9	22.3	22.6	22.9	24.3
175°	9.3	9.6	9.8	10.0	10.2	10.3	10.5	10.6	10.7	10.8	11.7
177.5°	4.8	4.9	5.0	5.1	5.2	5.2	5.3	5.3	5.4	5.4	5.9
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231999

CATALOG NUMBER: FVS4WM-4-LD4-50-2STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	6.3	6.8	7.2	7.6	8.0	8.4	8.8	9.1	9.4	9.8	10.1
5°	12.6	13.5	14.3	15.2	16.0	16.7	17.5	18.2	18.8	19.5	20.1
7.5°	25.7	26.9	28.1	29.2	30.3	31.2	32.4	35.0	37.4	39.8	42.0
10°	38.8	40.6	42.3	43.8	45.7	49.1	52.5	55.7	58.9	61.8	64.9
12.5°	54.1	56.2	58.3	61.2	65.7	70.0	74.1	77.9	82.7	88.4	93.9
15°	69.3	72.0	74.8	80.7	86.3	91.7	97.1	103.8	110.3	116.7	123.9
17.5°	85.8	88.9	94.6	101.4	107.9	114.7	122.7	130.3	137.4	146.2	155.4
20°	102.3	106.3	114.4	122.1	129.8	139.8	149.3	158.3	168.7	178.9	188.9
22.5°	118.8	125.0	134.0	142.7	153.1	164.0	174.7	186.9	198.3	209.5	221.9
25°	135.4	143.7	153.7	163.8	175.2	186.5	200.6	214.7	228.5	242.6	256.1
27.5°	150.8	160.7	171.2	183.6	196.7	211.0	227.2	243.4	259.6	275.1	289.8
30°	166.2	177.1	188.0	203.6	219.8	236.0	252.9	271.4	289.4	306.5	322.6
32.5°	181.4	193.4	206.6	223.7	241.3	259.8	279.0	299.5	319.5	338.5	356.4
35°	196.6	209.7	225.3	243.4	263.2	284.3	305.0	326.5	347.7	368.4	388.1
37.5°	210.9	224.9	242.8	262.3	284.5	306.8	329.8	352.6	376.5	397.3	419.0
40°	225.0	239.9	259.9	281.6	305.4	329.2	353.0	377.6	402.1	426.3	449.4
42.5°	238.2	253.8	276.1	299.7	324.7	350.2	376.0	402.7	429.2	454.5	478.5
45°	251.1	268.3	292.0	316.9	343.1	370.8	398.2	426.0	454.3	480.4	505.7
47.5°	262.9	281.8	306.4	333.0	361.6	391.2	419.6	448.9	477.6	506.3	531.2
50°	274.5	295.0	320.5	348.7	380.0	410.9	440.3	470.4	499.6	528.0	556.0
52.5°	286.1	307.7	333.8	363.1	396.3	428.5	459.6	490.6	520.9	550.7	579.9
55°	297.7	319.9	346.7	377.0	410.6	444.0	476.9	509.2	540.7	572.7	602.8
57.5°	307.2	330.5	357.9	389.5	424.4	459.6	493.7	526.8	560.4	593.9	624.9
60°	316.5	340.6	368.6	401.4	438.3	475.3	509.1	542.5	578.0	611.4	642.6
62.5°	323.5	348.9	378.9	413.4	450.8	488.0	523.1	557.6	594.8	627.0	659.5
65°	330.1	357.0	389.1	424.9	461.8	498.7	535.9	572.6	609.0	642.8	676.3
67.5°	336.1	363.9	397.6	433.9	471.5	509.6	547.9	585.5	622.1	658.9	691.8
70°	342.1	370.5	405.7	441.8	480.8	520.2	558.1	596.2	634.0	669.9	704.8
72.5°	346.9	376.3	412.2	448.8	488.5	528.2	566.7	606.4	644.1	680.6	716.4
75°	351.6	381.9	418.3	455.3	495.1	534.4	574.5	615.4	652.5	689.4	725.9
77.5°	354.7	385.7	422.0	459.8	500.0	539.8	580.6	621.7	659.1	696.9	734.6
80°	358.5	389.2	425.2	463.7	504.1	544.6	585.1	625.8	663.8	703.2	739.9
82.5°	360.7	393.0	429.7	467.0	508.4	548.5	588.9	630.5	668.6	708.4	743.8
85°	363.0	395.3	431.9	470.5	513.4	552.8	593.2	636.9	673.0	712.3	746.6
87.5°	363.4	395.3	431.6	472.4	514.0	553.4	594.7	636.1	674.6	713.6	748.8
90°	363.9	395.3	431.1	474.2	514.5	553.9	596.1	634.6	674.1	712.6	749.3
92.5°	363.4	395.3	431.6	472.4	514.0	553.4	594.7	636.1	674.6	713.6	748.8
95°	363.0	395.3	431.9	470.5	513.4	552.8	593.2	636.9	673.0	712.3	746.6
97.5°	360.7	393.0	429.7	467.0	508.4	548.5	588.9	630.5	668.6	708.4	743.8
100°	358.5	389.2	425.2	463.7	504.1	544.6	585.1	625.8	663.8	703.2	739.9
102.5°	354.7	385.7	422.0	459.8	500.0	539.8	580.6	621.7	659.1	696.9	734.6
105°	351.6	381.9	418.3	455.3	495.1	534.4	574.5	615.4	652.5	689.4	725.9
107.5°	346.9	376.3	412.2	448.8	488.5	528.2	566.7	606.4	644.1	680.6	716.4
110°	342.1	370.5	405.7	441.8	480.8	520.2	558.1	596.2	634.0	669.9	704.8



TEST NUMBER: P231999

CATALOG NUMBER: FVS4WM-4-LD4-50-2STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	336.1	363.9	397.6	433.9	471.5	509.6	547.9	585.5	622.1	658.9	691.8
115°	330.1	357.0	389.1	424.9	461.8	498.7	535.9	572.6	609.0	642.8	676.3
117.5°	323.5	348.9	378.9	413.4	450.8	488.0	523.1	557.6	594.8	627.0	659.5
120°	316.5	340.6	368.6	401.4	438.3	475.3	509.1	542.5	578.0	611.4	642.6
122.5°	307.2	330.5	357.9	389.5	424.4	459.6	493.7	526.8	560.4	593.9	624.9
125°	297.7	319.9	346.7	377.0	410.6	444.0	476.9	509.2	540.7	572.7	602.8
127.5°	286.1	307.7	333.8	363.1	396.3	428.5	459.6	490.6	520.9	550.7	579.9
130°	274.5	295.0	320.5	348.7	380.0	410.9	440.3	470.4	499.6	528.0	556.0
132.5°	262.9	281.8	306.4	333.0	361.6	391.2	419.6	448.9	477.6	506.3	531.2
135°	251.1	268.3	292.0	316.9	343.1	370.8	398.2	426.0	454.3	480.4	505.7
137.5°	238.2	253.8	276.1	299.7	324.7	350.2	376.0	402.7	429.2	454.5	478.5
140°	225.0	239.9	259.9	281.6	305.4	329.2	353.0	377.6	402.1	426.3	449.4
142.5°	210.9	224.9	242.8	262.3	284.5	306.8	329.8	352.6	376.5	397.3	419.0
145°	196.6	209.7	225.3	243.4	263.2	284.3	305.0	326.5	347.7	368.4	388.1
147.5°	181.4	193.4	206.6	223.7	241.3	259.8	279.0	299.5	319.5	338.5	356.4
150°	166.2	177.1	188.0	203.6	219.8	236.0	252.9	271.4	289.4	306.5	322.6
152.5°	150.8	160.7	171.2	183.6	196.7	211.0	227.2	243.4	259.6	275.1	289.8
155°	135.4	143.7	153.7	163.8	175.2	186.5	200.6	214.7	228.5	242.6	256.1
157.5°	118.8	125.0	134.0	142.7	153.1	164.0	174.7	186.9	198.3	209.5	221.9
160°	102.3	106.3	114.4	122.1	129.8	139.8	149.3	158.3	168.7	178.9	188.9
162.5°	85.8	88.9	94.6	101.4	107.9	114.7	122.7	130.3	137.4	146.2	155.4
165°	69.3	72.0	74.8	80.7	86.3	91.7	97.1	103.8	110.3	116.7	123.9
167.5°	54.1	56.3	58.3	61.2	65.7	70.0	74.1	77.9	82.7	88.4	93.9
170°	38.8	40.6	42.3	43.8	45.7	49.1	52.5	55.7	58.9	61.8	64.9
172.5°	25.7	26.9	28.1	29.2	30.3	31.2	32.4	35.0	37.4	39.8	42.0
175°	12.6	13.5	14.3	15.2	16.0	16.7	17.5	18.2	18.8	19.5	20.1
177.5°	6.3	6.8	7.2	7.6	8.0	8.4	8.8	9.1	9.4	9.8	10.1
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231999

CATALOG NUMBER: FVS4WM-4-LD4-50-2STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	10.3	10.6	10.8	11.1	11.3	11.4	11.6	11.7	11.8	11.9	12.0
5°	21.8	23.5	25.1	26.6	28.0	29.4	30.6	31.8	32.9	33.9	34.7
7.5°	44.1	46.2	48.0	49.8	51.7	53.9	55.5	58.1	60.3	62.4	64.3
10°	69.1	73.3	77.2	80.8	84.1	87.1	89.8	92.5	95.2	97.7	100.0
12.5°	99.3	104.5	109.4	114.0	118.4	122.6	126.6	130.3	133.9	137.7	141.3
15°	130.2	137.1	143.3	148.9	154.1	159.8	165.1	170.5	175.9	180.7	185.2
17.5°	164.5	174.2	180.9	188.4	195.5	202.1	208.8	215.2	221.1	226.4	231.5
20°	199.2	209.1	218.5	227.6	236.5	245.1	253.1	260.3	266.6	272.4	277.7
22.5°	233.8	245.4	257.4	268.5	279.2	287.5	295.3	302.6	310.1	317.7	324.2
25°	269.8	283.6	299.1	308.9	319.3	328.8	339.0	348.5	357.3	364.9	371.7
27.5°	304.4	319.1	333.4	346.7	360.1	372.8	386.2	394.0	402.8	410.9	417.9
30°	338.6	354.7	370.7	387.1	402.4	414.9	426.2	437.0	446.8	455.5	464.2
32.5°	373.7	391.4	409.8	427.1	441.0	453.9	466.6	478.6	489.6	498.7	506.9
35°	407.6	427.8	446.2	461.9	477.2	492.4	506.5	520.1	532.0	541.9	550.4
37.5°	440.6	461.1	479.1	496.7	514.4	530.4	545.5	560.2	572.6	584.5	592.1
40°	471.8	492.7	512.5	532.0	549.9	565.9	581.8	597.2	610.7	622.5	632.5
42.5°	501.4	523.5	545.0	565.5	584.6	601.6	618.3	634.3	650.4	660.1	670.6
45°	530.1	553.1	575.6	597.5	616.9	634.8	652.4	669.0	682.8	695.1	705.9
47.5°	556.8	581.4	605.2	627.5	647.5	667.1	685.2	700.9	715.9	729.0	740.3
50°	583.1	608.7	633.2	656.0	677.7	698.4	715.7	732.7	750.1	761.8	774.0
52.5°	608.1	634.4	659.6	683.9	707.6	727.2	745.6	764.4	778.8	792.2	804.7
55°	631.6	658.6	685.6	709.4	733.2	756.0	773.6	791.2	807.2	820.2	833.6
57.5°	653.3	680.9	707.8	734.0	757.7	779.2	799.0	817.7	833.7	847.5	861.1
60°	673.7	702.5	729.9	755.6	779.7	802.4	823.4	841.9	858.4	872.8	886.7
62.5°	691.5	721.2	749.6	775.7	801.2	824.3	845.2	864.3	881.1	897.0	910.8
65°	708.3	738.5	767.1	794.0	819.7	843.9	864.9	884.8	903.1	919.8	933.6
67.5°	723.6	753.9	783.3	810.7	836.6	861.0	883.4	904.3	923.4	939.1	954.0
70°	736.9	768.2	798.5	826.5	853.0	877.1	899.9	921.0	939.6	956.1	973.4
72.5°	749.0	781.1	810.8	839.8	866.5	892.2	914.4	935.5	954.4	972.5	988.6
75°	759.7	791.2	821.5	850.7	877.0	902.7	926.7	948.0	967.8	986.9	1002.0
77.5°	768.6	799.7	830.4	859.4	886.6	912.4	936.4	958.2	978.2	996.7	1012.8
80°	774.8	806.0	837.4	867.0	894.7	920.2	943.8	966.7	987.6	1005.4	1021.5
82.5°	779.7	810.9	843.1	873.4	901.1	926.1	949.2	972.1	993.2	1011.4	1027.7
85°	782.3	814.3	846.4	875.6	902.9	929.5	952.9	975.2	996.1	1015.1	1031.4
87.5°	783.6	816.6	848.8	877.5	905.3	932.2	955.7	977.0	998.3	1017.3	1034.5
90°	782.5	816.6	848.8	877.5	907.1	932.2	956.4	977.0	997.6	1016.5	1035.3
92.5°	783.6	816.6	848.8	877.5	905.3	932.2	955.7	977.0	998.3	1017.3	1034.5
95°	782.3	814.3	846.4	875.6	902.9	929.5	952.9	975.2	996.1	1015.1	1031.4
97.5°	779.7	810.9	843.1	873.4	901.1	926.1	949.2	972.1	993.2	1011.4	1027.7
100°	774.8	806.0	837.4	867.0	894.7	920.2	943.8	966.7	987.6	1005.4	1021.5
102.5°	768.6	799.7	830.4	859.4	886.6	912.4	936.4	958.2	978.2	996.7	1012.8
105°	759.7	791.2	821.5	850.7	877.0	902.7	926.7	948.0	967.8	986.9	1002.0
107.5°	749.0	781.1	810.8	839.8	866.5	892.2	914.4	935.5	954.4	972.5	988.6
110°	736.9	768.2	798.5	826.5	853.0	877.1	899.9	921.0	939.6	956.1	973.4



TEST NUMBER: P231999

CATALOG NUMBER: FVS4WM-4-LD4-50-2STD-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°	723.6	753.9	783.3	810.7	836.6	861.0	883.4	904.3	923.4	939.1	954.0
115°	708.3	738.5	767.1	794.0	819.7	843.9	864.9	884.8	903.1	919.8	933.6
117.5°	691.5	721.2	749.6	775.7	801.2	824.3	845.2	864.3	881.1	897.0	910.8
120°	673.7	702.5	729.9	755.6	779.7	802.4	823.4	841.9	858.4	872.8	886.7
122.5°	653.3	680.9	707.8	734.0	757.7	779.2	799.0	817.7	833.7	847.5	861.1
125°	631.6	658.6	685.6	709.4	733.2	756.0	773.6	791.2	807.2	820.2	833.6
127.5°	608.1	634.4	659.6	683.9	707.6	727.2	745.6	764.4	778.8	792.2	804.7
130°	583.1	608.7	633.2	656.0	677.7	698.4	715.7	732.7	750.1	761.8	774.0
132.5°	556.8	581.4	605.2	627.5	647.5	667.1	685.2	700.9	715.9	729.0	740.3
135°	530.1	553.1	575.6	597.5	616.9	634.8	652.4	669.0	682.8	695.1	705.9
137.5°	501.4	523.5	545.0	565.5	584.6	601.6	618.3	634.3	650.4	660.1	670.6
140°	471.8	492.7	512.5	532.0	549.9	565.9	581.8	597.2	610.7	622.5	632.5
142.5°	440.6	461.1	479.1	496.7	514.4	530.4	545.5	560.2	572.6	584.5	592.1
145°	407.6	427.8	446.2	461.9	477.2	492.4	506.5	520.1	532.0	541.9	550.4
147.5°	373.7	391.4	409.8	427.1	441.0	453.9	466.6	478.6	489.6	498.7	506.9
150°	338.6	354.7	370.7	387.1	402.4	414.9	426.2	437.0	446.8	455.5	464.2
152.5°	304.4	319.1	333.4	346.7	360.1	372.8	386.2	394.0	402.8	410.9	417.9
155°	269.8	283.6	299.1	308.9	319.3	328.8	339.0	348.5	357.3	364.9	371.7
157.5°	233.8	245.4	257.4	268.5	279.2	287.5	295.3	302.6	310.1	317.7	324.2
160°	199.2	209.1	218.5	227.6	236.5	245.1	253.1	260.3	266.6	272.4	277.7
162.5°	164.5	174.2	180.9	188.4	195.5	202.1	208.8	215.2	221.1	226.4	231.5
165°	130.2	137.1	143.3	148.9	154.1	159.8	165.1	170.5	175.9	180.7	185.2
167.5°	99.3	104.5	109.4	114.0	118.4	122.6	126.6	130.3	133.9	137.7	141.3
170°	69.1	73.3	77.2	80.8	84.1	87.1	89.8	92.5	95.2	97.7	100.0
172.5°	44.1	46.2	48.0	49.8	51.7	53.9	55.5	58.1	60.3	62.4	64.3
175°	21.8	23.5	25.1	26.6	28.0	29.4	30.6	31.8	32.9	33.9	34.7
177.5°	10.3	10.6	10.8	11.1	11.3	11.4	11.6	11.7	11.8	11.9	12.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231999

CATALOG NUMBER: FVS4WM-4-LD4-50-2STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	12.0	12.1	12.1	12.0	12.0	11.9	12.2	12.0	11.7	11.5	11.3
5°	35.5	36.2	36.8	37.2	37.6	37.9	38.0	38.1	38.8	38.3	37.8
7.5°	66.0	67.5	68.9	70.0	71.0	71.8	72.4	72.7	72.9	73.8	73.1
10°	101.9	104.8	107.4	109.8	111.8	113.6	115.1	116.3	117.2	119.3	118.7
12.5°	144.5	147.3	149.6	151.8	154.2	156.0	157.4	158.3	158.7	158.7	159.0
15°	189.3	192.8	195.8	198.1	199.8	202.0	204.2	206.0	207.3	208.1	209.5
17.5°	236.2	240.2	243.7	246.6	248.9	250.6	252.5	254.8	256.3	257.1	258.6
20°	282.5	287.0	291.1	294.5	297.2	299.1	300.3	301.8	303.5	304.5	306.2
22.5°	329.7	334.1	337.9	342.1	345.4	347.8	349.3	349.9	351.6	352.7	354.6
25°	377.7	382.9	387.3	390.7	394.1	396.6	398.0	398.4	398.9	400.9	402.1
27.5°	424.1	429.9	434.9	438.7	440.8	443.3	444.6	444.9	444.3	445.7	446.3
30°	469.2	474.3	479.3	483.2	486.1	488.1	490.1	491.1	491.0	491.2	491.8
32.5°	513.6	519.1	523.0	527.9	531.4	533.7	535.3	536.2	535.9	534.9	536.1
35°	558.0	563.7	568.7	572.9	576.7	578.8	579.8	580.0	578.8	576.2	577.2
37.5°	599.9	606.6	612.4	616.5	619.2	621.4	621.8	621.0	620.1	618.3	618.5
40°	641.1	649.2	655.2	658.7	661.1	662.2	662.2	661.1	660.2	657.9	656.9
42.5°	679.8	687.7	694.0	697.5	699.9	701.6	702.2	701.5	700.3	698.5	696.7
45°	716.0	725.1	730.9	734.8	738.3	741.6	740.2	739.4	737.1	735.2	732.0
47.5°	751.4	761.3	767.6	772.2	775.0	776.5	776.8	776.1	774.3	772.1	768.7
50°	788.2	798.7	802.4	807.1	810.2	811.9	812.6	811.1	808.4	805.9	805.3
52.5°	817.8	826.9	833.7	840.0	844.2	845.7	845.8	843.6	841.4	839.1	839.7
55°	846.1	855.0	863.2	870.3	875.4	877.7	878.0	875.9	873.1	870.1	869.0
57.5°	872.6	881.7	889.9	898.8	905.6	908.0	908.3	906.5	903.7	900.2	897.8
60°	898.5	908.2	916.7	925.6	932.7	935.9	937.3	934.3	931.8	928.1	925.1
62.5°	922.8	932.7	941.7	951.2	956.3	960.6	962.7	961.1	957.6	953.5	950.4
65°	946.0	955.9	964.7	971.6	977.9	983.2	986.0	984.6	982.5	977.7	973.8
67.5°	967.8	977.6	985.6	992.7	999.2	1003.1	1006.8	1007.8	1005.2	1000.1	996.3
70°	985.8	996.5	1005.1	1012.1	1017.3	1021.1	1024.4	1026.9	1024.2	1019.7	1015.5
72.5°	1001.9	1013.8	1022.3	1029.4	1033.6	1036.5	1039.9	1042.1	1041.9	1038.0	1032.0
75°	1015.8	1027.8	1036.8	1044.7	1049.0	1050.6	1051.6	1053.6	1055.5	1053.8	1047.9
77.5°	1027.0	1039.1	1048.9	1056.7	1061.7	1064.1	1064.0	1063.3	1064.6	1065.5	1061.4
80°	1036.1	1047.9	1058.0	1066.6	1071.5	1075.2	1076.0	1073.4	1070.2	1072.9	1072.3
82.5°	1042.2	1054.8	1064.5	1072.3	1078.0	1081.5	1083.3	1082.7	1079.1	1074.1	1078.1
85°	1046.4	1058.4	1068.6	1076.2	1081.6	1085.0	1086.1	1086.0	1084.7	1081.1	1075.8
87.5°	1048.7	1059.9	1069.9	1077.3	1082.9	1085.1	1087.0	1086.7	1084.8	1081.6	1079.2
90°	1047.8	1059.5	1068.4	1076.5	1081.9	1083.7	1084.6	1083.7	1081.0	1077.4	1072.0
92.5°	1048.7	1059.9	1069.9	1077.3	1082.9	1085.1	1087.0	1086.7	1084.8	1081.6	1079.2
95°	1046.4	1058.4	1068.6	1076.2	1081.6	1085.0	1086.1	1086.0	1084.7	1081.1	1075.8
97.5°	1042.2	1054.8	1064.5	1072.3	1078.0	1081.5	1083.3	1082.7	1079.1	1074.1	1078.1
100°	1036.1	1047.9	1058.0	1066.6	1071.5	1075.2	1076.0	1073.4	1070.2	1072.9	1072.3
102.5°	1027.0	1039.1	1048.9	1056.7	1061.7	1064.1	1064.0	1063.3	1064.6	1065.5	1061.4
105°	1015.8	1027.8	1036.8	1044.7	1049.0	1050.6	1051.6	1053.6	1055.5	1053.8	1047.9
107.5°	1001.9	1013.8	1022.3	1029.4	1033.6	1036.5	1039.9	1042.1	1041.9	1038.0	1032.0
110°	985.8	996.5	1005.1	1012.1	1017.3	1021.1	1024.4	1026.9	1024.2	1019.7	1015.5



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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°	967.8	977.6	985.6	992.7	999.2	1003.1	1006.8	1007.8	1005.2	1000.1	996.3
115°	946.0	955.9	964.7	971.6	977.9	983.2	986.0	984.6	982.5	977.7	973.8
117.5°	922.8	932.7	941.7	951.2	956.3	960.6	962.7	961.1	957.6	953.5	950.4
120°	898.5	908.2	916.7	925.6	932.7	935.9	937.3	934.3	931.8	928.1	925.1
122.5°	872.6	881.7	889.9	898.8	905.6	908.0	908.3	906.5	903.7	900.2	897.8
125°	846.1	855.0	863.2	870.3	875.4	877.7	878.0	875.9	873.1	870.1	869.0
127.5°	817.8	826.9	833.7	840.0	844.2	845.7	845.8	843.6	841.4	839.1	839.7
130°	788.2	798.7	802.4	807.1	810.2	811.9	812.6	811.1	808.4	805.9	805.3
132.5°	751.4	761.3	767.6	772.2	775.0	776.5	776.8	776.1	774.3	772.1	768.7
135°	716.0	725.1	730.9	734.8	738.3	741.6	740.2	739.4	737.1	735.2	732.0
137.5°	679.8	687.7	694.0	697.5	699.9	701.6	702.2	701.5	700.3	698.5	696.7
140°	641.1	649.2	655.2	658.7	661.1	662.2	662.2	661.1	660.2	657.9	656.9
142.5°	599.9	606.6	612.4	616.5	619.2	621.4	621.8	621.0	620.1	618.3	618.5
145°	558.0	563.7	568.7	572.9	576.7	578.8	579.8	580.0	578.8	576.2	577.2
147.5°	513.6	519.1	523.0	527.9	531.4	533.7	535.3	536.2	535.9	534.9	536.1
150°	469.2	474.3	479.3	483.2	486.1	488.1	490.1	491.1	491.0	491.2	491.8
152.5°	424.1	429.9	434.9	438.7	440.8	443.3	444.6	444.9	444.3	445.7	446.3
155°	377.7	382.9	387.3	390.7	394.1	396.6	398.0	398.4	398.9	400.9	402.1
157.5°	329.7	334.1	337.9	342.1	345.4	347.8	349.3	349.9	351.6	352.7	354.6
160°	282.5	287.0	291.1	294.5	297.2	299.1	300.3	301.8	303.5	304.5	306.2
162.5°	236.2	240.2	243.7	246.6	248.9	250.6	252.5	254.8	256.3	257.1	258.6
165°	189.3	192.8	195.8	198.1	199.8	202.0	204.2	206.0	207.3	208.1	209.5
167.5°	144.5	147.3	149.6	151.8	154.2	156.0	157.4	158.3	158.7	158.7	159.0
170°	101.9	104.8	107.4	109.8	111.8	113.6	115.1	116.3	117.2	119.3	118.7
172.5°	66.0	67.5	68.9	70.0	71.0	71.8	72.4	72.7	72.9	73.8	73.1
175°	35.5	36.2	36.8	37.2	37.6	37.9	38.0	38.1	38.8	38.3	37.8
177.5°	12.0	12.1	12.1	12.0	12.0	11.9	12.2	12.0	11.7	11.5	11.3
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	0.0	0.0
2.5°	11.0	10.8
5°	37.3	36.8
7.5°	72.4	71.7
10°	118.0	117.4
12.5°	157.5	156.0
15°	208.3	207.1
17.5°	257.0	255.5
20°	304.6	303.0
22.5°	352.5	350.5
25°	402.8	401.6
27.5°	446.5	444.6
30°	491.7	489.4
32.5°	536.8	535.1
35°	578.5	577.2
37.5°	619.9	618.5
40°	659.7	659.7
42.5°	699.6	699.2
45°	736.4	737.7
47.5°	771.3	771.8
50°	806.9	805.8
52.5°	840.4	838.1
55°	869.8	870.4
57.5°	898.7	900.8
60°	926.0	926.8
62.5°	951.7	954.6
65°	976.7	975.2
67.5°	997.4	998.5
70°	1016.5	1018.3
72.5°	1033.1	1034.4
75°	1047.7	1050.5
77.5°	1059.5	1064.0
80°	1069.3	1074.7
82.5°	1078.2	1082.8
85°	1084.5	1089.1
87.5°	1077.0	1092.7
90°	1071.1	1081.9
92.5°	1077.0	1092.7
95°	1084.5	1089.1
97.5°	1078.2	1082.8
100°	1069.3	1074.7
102.5°	1059.5	1064.0
105°	1047.7	1050.5
107.5°	1033.1	1034.4
110°	1016.5	1018.3



TEST NUMBER: P231999

CATALOG NUMBER: FVS4WM-4-LD4-50-2STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	997.4	998.5
115°	976.7	975.2
117.5°	951.7	954.6
120°	926.0	926.8
122.5°	898.7	900.8
125°	869.8	870.4
127.5°	840.4	838.1
130°	806.9	805.8
132.5°	771.3	771.8
135°	736.4	737.7
137.5°	699.6	699.2
140°	659.7	659.7
142.5°	619.9	618.5
145°	578.5	577.2
147.5°	536.8	535.1
150°	491.7	489.4
152.5°	446.5	444.6
155°	402.8	401.6
157.5°	352.5	350.5
160°	304.6	303.0
162.5°	257.0	255.5
165°	208.3	207.1
167.5°	157.5	156.0
170°	118.0	117.4
172.5°	72.4	71.7
175°	37.3	36.8
177.5°	11.0	10.8
180°	0.0	0.0

(END OF REPORT)