

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: P232001

Luminaire Tested: **FVS4WM-4-LD4-35-2HI-PFS125-UNV-EDC1**

Issue Date: 3/3/2020



Test Information

Test Method: LM-79-08
Report Number: P232001
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-LD4-35-2HI-PFS125-UNV-EDC1
Description: FAILSAFE FVS LED FIXTURE
4FT LENGTH, 2-MODULE LED WITH PFS125 LENS
Light Source: (168) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

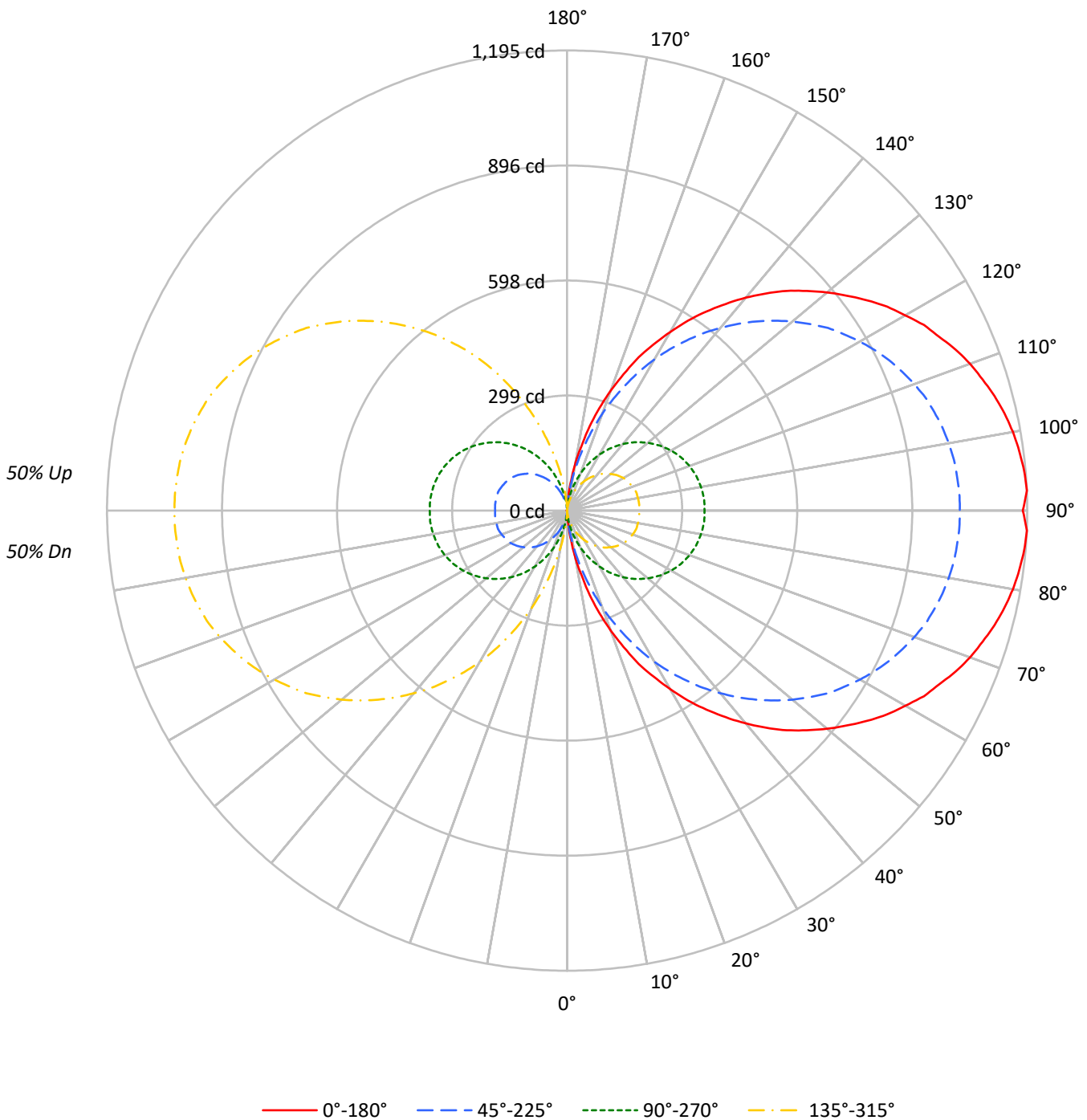
Lumens per Lamp: N/A
Luminaire Lumens: 5302.2 lumens
Efficiency: N/A
Efficacy: 59.4 lumens/watt
Spacing Criteria (0/90/45): - / - / -
Luminous Opening: Rectangular w/ Sides (W: 3.79' x L: 0.19' x H: 0.31')
CIE Type: General Diffuse

Input Watts (W): 89.3
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Luminous Intensity Polar Plot





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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20									20									20									20									20									
RC	80									70									50									30									10									0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	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°	533	178	0	178
10°	1526	579	0	579
15°	2454	1067	0	1067
20°	3323	1610	0	1610
25°	4129	2193	0	2193
30°	4769	2799	0	2799
35°	5385	3462	0	3462
40°	5946	4169	0	4169
45°	6479	4965	0	4965
50°	6952	5866	8	5866
55°	7434	6946	8	6946
60°	7898	8262	8	8262
65°	8354	9940	8	9940
70°	8837	12211	8	12211
75°	9310	15528	8	15528
80°	9807	20974	0	20974
85°	10322	31925	0	31925



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	2.9	0.1
10°-20°	29.7	0.6
20°-30°	92.8	1.8
30°-40°	184.6	3.5
40°-50°	291.5	5.5
50°-60°	399.1	7.5
60°-70°	493.2	9.3
70°-80°	561.8	10.6
80°-90°	595.6	11.2
90°-100°	595.6	11.2
100°-110°	561.8	10.6
110°-120°	493.2	9.3
120°-130°	399.1	7.5
130°-140°	291.5	5.5
140°-150°	184.6	3.5
150°-160°	92.8	1.8
160°-170°	29.7	0.6
170°-180°	2.9	0.1
0°-30°	125.4	2.4
0°-40°	310.0	5.8
0°-60°	1000.6	18.9
0°-90°	2651.1	50.0
90°-120°	1650.5	31.1
90°-150°	2525.7	47.6
90°-180°	2651.0	50.0
0°-180°	5302.2	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	0	0	0	0	0	
5°	40	12	0	12	40	7
15°	226	70	0	70	226	67
25°	439	136	0	136	439	204
35°	631	198	0	198	631	398
45°	807	251	0	251	807	625
55°	952	294	1	294	952	854
65°	1067	326	1	326	1067	1059
75°	1149	347	1	347	1149	1214
85°	1191	357	0	357	1191	970
90°	1183	357	0	357	1183	652
95°	1191	357	0	357	1191	970
105°	1149	347	1	347	1149	1214
115°	1067	326	1	326	1067	1059
125°	952	294	1	294	952	854
135°	807	251	0	251	807	625
145°	631	198	0	198	631	398
155°	439	136	0	136	439	204
165°	226	70	0	70	226	67
175°	40	12	0	12	40	7
180°	0	0	0	0	0	



TEST NUMBER: P232001

CATALOG NUMBER: FVS4WM-4-LD4-35-2HI-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°	11.8	12.1	12.3	12.6	12.8	13.1	13.3	13.0	13.1	13.1	13.2
5°	40.2	40.8	41.3	41.9	42.4	41.6	41.5	41.4	41.1	40.7	40.2
7.5°	78.4	79.2	80.0	80.7	79.8	79.5	79.1	78.5	77.6	76.6	75.3
10°	128.4	129.1	129.8	130.5	128.2	127.2	125.9	124.3	122.3	120.1	117.5
12.5°	170.6	172.2	173.9	173.5	173.6	173.1	172.2	170.7	168.6	166.0	163.6
15°	226.5	227.8	229.1	227.6	226.8	225.3	223.4	220.9	218.6	216.7	214.2
17.5°	279.4	281.1	282.8	281.2	280.3	278.6	276.2	274.2	272.3	269.8	266.6
20°	331.4	333.2	335.0	333.1	332.0	330.1	328.5	327.2	325.1	322.2	318.5
22.5°	383.4	385.6	387.8	385.8	384.6	382.8	382.1	380.4	377.8	374.2	369.6
25°	439.2	440.6	439.8	438.5	436.3	435.8	435.3	433.8	431.1	427.4	423.7
27.5°	486.3	488.4	488.2	487.5	486.0	486.7	486.3	484.9	482.2	479.9	475.7
30°	535.3	537.9	537.9	537.3	537.1	537.2	536.1	533.9	531.7	528.5	524.2
32.5°	585.3	587.2	586.4	585.0	586.2	586.6	585.5	583.8	581.3	577.4	572.1
35°	631.4	632.8	631.4	630.2	633.1	634.4	634.2	633.1	630.8	626.7	622.1
37.5°	676.5	678.0	676.5	676.3	678.2	679.2	680.1	679.6	677.2	674.3	669.9
40°	721.6	721.6	718.5	719.7	722.2	723.1	724.3	724.4	723.1	720.4	716.6
42.5°	764.8	765.2	762.1	764.1	766.0	767.3	768.0	767.4	765.5	762.9	759.1
45°	806.9	805.5	800.7	804.3	806.3	808.8	809.6	811.2	807.5	803.8	799.5
47.5°	844.2	843.7	840.8	844.6	847.0	849.0	849.7	849.3	847.7	844.7	839.7
50°	881.4	882.6	880.8	881.5	884.3	887.3	888.9	888.0	886.2	882.9	877.8
52.5°	916.7	919.2	918.5	917.8	920.3	922.8	925.2	925.1	923.4	918.9	912.0
55°	952.0	951.3	950.5	951.8	955.1	958.1	960.4	960.1	957.5	952.0	944.2
57.5°	985.4	983.0	982.0	984.7	988.5	991.5	993.5	993.2	990.6	983.1	973.4
60°	1013.8	1012.9	1012.0	1015.2	1019.2	1022.0	1025.2	1023.8	1020.2	1012.4	1002.7
62.5°	1044.2	1041.1	1039.5	1043.0	1047.5	1051.3	1053.0	1050.7	1046.0	1040.4	1030.0
65°	1066.7	1068.4	1065.2	1069.4	1074.7	1077.0	1078.5	1075.4	1069.6	1062.8	1055.2
67.5°	1092.2	1091.0	1089.8	1093.9	1099.6	1102.3	1101.3	1097.2	1093.0	1085.8	1078.1
70°	1113.8	1111.8	1110.7	1115.4	1120.3	1123.2	1120.6	1116.9	1112.7	1107.1	1099.5
72.5°	1131.4	1130.0	1128.9	1135.4	1139.7	1139.9	1137.5	1133.7	1130.6	1125.9	1118.2
75°	1149.1	1146.1	1146.2	1152.6	1154.5	1152.5	1150.3	1149.2	1147.4	1142.7	1134.1
77.5°	1163.8	1158.9	1161.0	1165.5	1164.4	1163.1	1163.8	1164.0	1161.3	1155.8	1147.3
80°	1175.6	1169.7	1173.0	1173.6	1170.7	1174.1	1177.0	1176.1	1172.0	1166.7	1157.3
82.5°	1184.4	1179.4	1179.3	1174.9	1180.3	1184.3	1184.9	1183.1	1179.2	1172.8	1164.4
85°	1191.3	1186.2	1176.7	1182.5	1186.5	1187.9	1188.0	1186.8	1183.1	1177.2	1168.9
87.5°	1195.2	1178.1	1180.4	1183.0	1186.6	1188.7	1189.0	1186.9	1184.5	1178.4	1170.4
90°	1183.4	1171.6	1172.6	1178.5	1182.4	1185.4	1186.4	1185.4	1183.4	1177.5	1168.7
92.5°	1195.2	1178.1	1180.4	1183.0	1186.6	1188.7	1189.0	1186.9	1184.5	1178.4	1170.4
95°	1191.3	1186.2	1176.7	1182.5	1186.5	1187.9	1188.0	1186.8	1183.1	1177.2	1168.9
97.5°	1184.4	1179.4	1179.3	1174.9	1180.3	1184.3	1184.9	1183.1	1179.2	1172.8	1164.4
100°	1175.6	1169.7	1173.0	1173.6	1170.7	1174.1	1177.0	1176.1	1172.0	1166.7	1157.3
102.5°	1163.8	1158.9	1161.0	1165.5	1164.4	1163.1	1163.8	1164.0	1161.3	1155.8	1147.3
105°	1149.1	1146.1	1146.2	1152.6	1154.5	1152.5	1150.3	1149.2	1147.4	1142.7	1134.1
107.5°	1131.4	1130.0	1128.9	1135.4	1139.7	1139.9	1137.5	1133.7	1130.6	1125.9	1118.2
110°	1113.8	1111.8	1110.7	1115.4	1120.3	1123.2	1120.6	1116.9	1112.7	1107.1	1099.5



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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°	1092.2	1091.0	1089.8	1093.9	1099.6	1102.3	1101.3	1097.2	1093.0	1085.8	1078.1
115°	1066.7	1068.4	1065.2	1069.4	1074.7	1077.0	1078.5	1075.4	1069.6	1062.8	1055.2
117.5°	1044.2	1041.1	1039.5	1043.0	1047.5	1051.3	1053.0	1050.7	1046.0	1040.4	1030.0
120°	1013.8	1012.9	1012.0	1015.2	1019.2	1022.0	1025.2	1023.8	1020.2	1012.4	1002.7
122.5°	985.4	983.0	982.0	984.7	988.5	991.5	993.5	993.2	990.6	983.1	973.4
125°	952.0	951.3	950.5	951.8	955.1	958.1	960.4	960.1	957.5	952.0	944.2
127.5°	916.7	919.2	918.5	917.8	920.3	922.8	925.2	925.1	923.4	918.9	912.0
130°	881.4	882.6	880.8	881.5	884.3	887.3	888.9	888.0	886.2	882.9	877.8
132.5°	844.2	843.7	840.8	844.6	847.0	849.0	849.7	849.3	847.7	844.7	839.7
135°	806.9	805.5	800.7	804.3	806.3	808.8	809.6	811.2	807.5	803.8	799.5
137.5°	764.8	765.2	762.1	764.1	766.0	767.3	768.0	767.4	765.5	762.9	759.1
140°	721.6	721.6	718.5	719.7	722.2	723.1	724.3	724.4	723.1	720.4	716.6
142.5°	676.5	678.0	676.5	676.3	678.2	679.2	680.1	679.6	677.2	674.3	669.9
145°	631.4	632.8	631.4	630.2	633.1	634.4	634.2	633.1	630.8	626.7	622.1
147.5°	585.3	587.2	586.4	585.0	586.2	586.6	585.5	583.8	581.3	577.4	572.1
150°	535.3	537.9	537.9	537.3	537.1	537.2	536.1	533.9	531.7	528.5	524.2
152.5°	486.3	488.4	488.2	487.5	486.0	486.7	486.3	484.9	482.2	479.9	475.7
155°	439.2	440.6	439.8	438.5	436.3	435.8	435.3	433.8	431.1	427.4	423.7
157.5°	383.4	385.6	387.8	385.8	384.6	382.8	382.1	380.4	377.8	374.2	369.6
160°	331.4	333.2	335.0	333.1	332.0	330.1	328.5	327.2	325.1	322.2	318.5
162.5°	279.4	281.1	282.8	281.2	280.3	278.6	276.2	274.2	272.3	269.8	266.6
165°	226.5	227.8	229.1	227.6	226.8	225.3	223.4	220.9	218.6	216.7	214.2
167.5°	170.6	172.2	173.9	173.5	173.6	173.1	172.2	170.7	168.6	166.0	163.6
170°	128.4	129.1	129.8	130.5	128.2	127.2	125.9	124.3	122.3	120.1	117.5
172.5°	78.4	79.2	80.0	80.7	79.8	79.5	79.1	78.5	77.6	76.6	75.3
175°	40.2	40.8	41.3	41.9	42.4	41.6	41.5	41.4	41.1	40.7	40.2
177.5°	11.8	12.1	12.3	12.6	12.8	13.1	13.3	13.0	13.1	13.1	13.2
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°	13.2	13.1	13.1	13.0	12.9	12.8	12.7	12.5	12.3	12.1	11.8
5°	39.5	38.8	38.0	37.0	35.9	34.8	33.5	32.1	30.6	29.1	27.4
7.5°	73.8	72.1	70.3	68.2	65.9	63.5	60.7	58.9	56.5	54.5	52.5
10°	114.6	111.4	109.4	106.9	104.1	101.1	98.2	95.2	91.9	88.3	84.4
12.5°	161.1	158.1	154.6	150.6	146.5	142.6	138.4	134.0	129.4	124.6	119.6
15°	211.0	207.1	202.6	197.7	192.4	186.5	180.6	174.8	168.5	162.9	156.7
17.5°	262.8	258.4	253.3	247.7	241.8	235.4	228.4	221.1	213.8	206.0	197.8
20°	314.0	309.0	303.8	298.1	291.7	284.8	276.9	268.2	258.7	248.9	239.0
22.5°	365.5	360.6	354.6	347.5	339.3	331.0	323.1	314.5	305.4	293.7	281.5
25°	418.8	413.1	406.5	399.1	390.8	381.2	370.8	359.7	349.2	337.9	327.1
27.5°	470.2	463.9	457.1	449.4	440.6	431.0	422.5	407.8	393.9	379.2	364.7
30°	518.8	513.3	507.7	498.2	488.7	478.0	466.2	453.8	440.1	423.5	405.5
32.5°	567.8	561.8	554.5	545.5	535.5	523.5	510.4	496.5	482.4	467.2	448.3
35°	616.7	610.3	602.1	592.7	581.9	568.9	554.1	538.7	522.0	505.2	488.0
37.5°	663.5	656.2	647.6	639.3	626.3	612.7	596.7	580.3	562.7	543.3	524.1
40°	710.1	701.2	691.8	680.9	668.0	653.2	636.4	619.1	601.6	582.0	560.7
42.5°	752.2	743.6	733.5	722.0	711.4	693.8	676.3	658.0	639.5	618.5	596.2
45°	793.2	783.2	772.1	760.3	746.9	731.7	713.6	694.4	674.8	653.5	629.5
47.5°	832.8	821.9	809.8	797.4	783.1	766.7	749.4	729.7	708.3	686.4	662.0
50°	873.6	862.2	846.6	833.2	820.5	801.4	782.8	763.9	741.3	717.5	692.7
52.5°	904.5	894.6	880.2	866.5	851.8	836.1	815.6	795.5	774.0	748.0	721.5
55°	935.2	925.5	911.9	897.2	882.9	865.4	846.3	826.9	802.0	775.9	749.9
57.5°	964.4	954.5	941.9	927.1	911.9	894.4	874.0	852.3	828.7	802.9	774.2
60°	993.4	982.8	969.9	954.7	938.9	920.9	900.7	877.7	852.9	826.5	798.4
62.5°	1020.2	1009.5	996.4	981.2	963.8	945.5	924.5	901.6	876.4	848.6	819.9
65°	1045.6	1034.8	1021.2	1006.1	987.8	967.8	946.0	923.1	896.6	868.5	839.1
67.5°	1069.3	1058.6	1043.5	1027.2	1010.1	989.2	966.3	941.8	915.1	886.8	856.8
70°	1090.1	1078.3	1064.7	1049.9	1027.8	1007.5	984.4	959.5	933.1	904.1	873.5
72.5°	1109.0	1095.9	1081.4	1063.8	1043.9	1023.2	1000.2	975.9	947.8	918.6	886.9
75°	1124.3	1111.2	1096.0	1079.4	1058.6	1036.9	1013.7	987.4	959.3	930.5	898.6
77.5°	1136.5	1123.4	1107.8	1090.2	1070.0	1048.1	1024.3	998.1	969.8	940.1	908.3
80°	1146.2	1133.3	1117.3	1099.7	1080.3	1057.5	1032.4	1006.6	978.7	948.4	916.0
82.5°	1153.8	1140.0	1124.1	1106.3	1086.4	1063.4	1038.3	1013.0	985.7	955.3	922.2
85°	1157.7	1144.6	1128.2	1110.2	1089.6	1066.7	1042.3	1016.7	987.6	957.8	925.9
87.5°	1159.4	1147.1	1131.5	1112.7	1092.0	1068.7	1045.4	1019.7	990.2	959.9	928.5
90°	1158.9	1146.2	1132.4	1111.8	1091.2	1068.7	1046.1	1019.7	992.2	959.9	928.5
92.5°	1159.4	1147.1	1131.5	1112.7	1092.0	1068.7	1045.4	1019.7	990.2	959.9	928.5
95°	1157.7	1144.6	1128.2	1110.2	1089.6	1066.7	1042.3	1016.7	987.6	957.8	925.9
97.5°	1153.8	1140.0	1124.1	1106.3	1086.4	1063.4	1038.3	1013.0	985.7	955.3	922.2
100°	1146.2	1133.3	1117.3	1099.7	1080.3	1057.5	1032.4	1006.6	978.7	948.4	916.0
102.5°	1136.5	1123.4	1107.8	1090.2	1070.0	1048.1	1024.3	998.1	969.8	940.1	908.3
105°	1124.3	1111.2	1096.0	1079.4	1058.6	1036.9	1013.7	987.4	959.3	930.5	898.6
107.5°	1109.0	1095.9	1081.4	1063.8	1043.9	1023.2	1000.2	975.9	947.8	918.6	886.9
110°	1090.1	1078.3	1064.7	1045.9	1027.8	1007.5	984.4	959.5	933.1	904.1	873.5



TEST NUMBER: P232001

CATALOG NUMBER: FVS4WM-4-LD4-35-2HI-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°	1069.3	1058.6	1043.5	1027.2	1010.1	989.2	966.3	941.8	915.1	886.8	856.8
115°	1045.6	1034.8	1021.2	1006.1	987.8	967.8	946.0	923.1	896.6	868.5	839.1
117.5°	1020.2	1009.5	996.4	981.2	963.8	945.5	924.5	901.6	876.4	848.6	819.9
120°	993.4	982.8	969.9	954.7	938.9	920.9	900.7	877.7	852.9	826.5	798.4
122.5°	964.4	954.5	941.9	927.1	911.9	894.4	874.0	852.3	828.7	802.9	774.2
125°	935.2	925.5	911.9	897.2	882.9	865.4	846.3	826.9	802.0	775.9	749.9
127.5°	904.5	894.6	880.2	866.5	851.8	836.1	815.6	795.5	774.0	748.0	721.5
130°	873.6	862.2	846.6	833.2	820.5	801.4	782.8	763.9	741.3	717.5	692.7
132.5°	832.8	821.9	809.8	797.4	783.1	766.7	749.4	729.7	708.3	686.4	662.0
135°	793.2	783.2	772.1	760.3	746.9	731.7	713.6	694.4	674.8	653.5	629.5
137.5°	752.2	743.6	733.5	722.0	711.4	693.8	676.3	658.0	639.5	618.5	596.2
140°	710.1	701.2	691.8	680.9	668.0	653.2	636.4	619.1	601.6	582.0	560.7
142.5°	663.5	656.2	647.6	639.3	626.3	612.7	596.7	580.3	562.7	543.3	524.1
145°	616.7	610.3	602.1	592.7	581.9	568.9	554.1	538.7	522.0	505.2	488.0
147.5°	567.8	561.8	554.5	545.5	535.5	523.5	510.4	496.5	482.4	467.2	448.3
150°	518.8	513.3	507.7	498.2	488.7	478.0	466.2	453.8	440.1	423.5	405.5
152.5°	470.2	463.9	457.1	449.4	440.6	431.0	422.5	407.8	393.9	379.2	364.7
155°	418.8	413.1	406.5	399.1	390.8	381.2	370.8	359.7	349.2	337.9	327.1
157.5°	365.5	360.6	354.6	347.5	339.3	331.0	323.1	314.5	305.4	293.7	281.5
160°	314.0	309.0	303.8	298.1	291.7	284.8	276.9	268.2	258.7	248.9	239.0
162.5°	262.8	258.4	253.3	247.7	241.8	235.4	228.4	221.1	213.8	206.0	197.8
165°	211.0	207.1	202.6	197.7	192.4	186.5	180.6	174.8	168.5	162.9	156.7
167.5°	161.1	158.1	154.6	150.6	146.5	142.6	138.4	134.0	129.4	124.6	119.6
170°	114.6	111.4	109.4	106.9	104.1	101.1	98.2	95.2	91.9	88.3	84.4
172.5°	73.8	72.1	70.3	68.2	65.9	63.5	60.7	58.9	56.5	54.5	52.5
175°	39.5	38.8	38.0	37.0	35.9	34.8	33.5	32.1	30.6	29.1	27.4
177.5°	13.2	13.1	13.1	13.0	12.9	12.8	12.7	12.5	12.3	12.1	11.8
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: P232001

CATALOG NUMBER: FVS4WM-4-LD4-35-2HI-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°	11.6	11.3	11.0	10.7	10.3	9.9	9.6	9.2	8.7	8.3	7.9
5°	25.7	23.8	21.9	21.3	20.6	19.9	19.1	18.3	17.5	16.6	15.7
7.5°	50.5	48.3	45.9	43.5	40.9	38.2	35.5	34.1	33.1	32.0	30.8
10°	80.1	75.6	71.0	67.7	64.4	61.0	57.5	53.8	50.0	48.0	46.2
12.5°	114.2	108.6	102.7	96.7	90.5	85.3	81.1	76.6	71.9	66.9	63.8
15°	149.9	142.4	135.5	127.7	120.7	113.5	106.2	100.3	94.5	88.3	81.9
17.5°	190.4	179.9	170.0	159.8	150.3	142.5	134.2	125.4	118.0	110.9	103.4
20°	228.8	217.9	206.5	195.6	184.5	173.1	163.2	152.8	142.0	133.5	125.1
22.5°	268.5	255.8	242.7	229.1	216.9	204.4	191.1	179.4	167.5	156.1	146.6
25°	310.2	295.1	280.1	265.3	249.9	234.9	219.4	204.0	191.7	179.2	168.1
27.5°	349.0	333.0	317.0	300.9	284.0	266.2	248.6	230.8	215.2	200.8	187.3
30°	388.0	370.3	352.9	335.3	316.6	296.9	276.7	258.1	240.4	222.8	205.7
32.5°	428.2	408.8	389.9	370.3	349.5	327.6	305.3	284.2	263.9	244.7	226.0
35°	467.9	445.9	424.5	402.9	380.3	357.2	333.6	310.9	287.9	266.2	246.5
37.5°	504.3	481.9	458.3	434.6	411.8	385.7	360.7	335.6	311.2	286.9	265.6
40°	538.9	516.1	491.6	466.3	439.8	413.0	386.1	360.1	334.1	308.0	284.3
42.5°	572.7	548.5	523.4	497.1	469.4	440.4	411.3	383.1	355.2	327.9	302.0
45°	605.0	579.9	553.2	525.4	496.9	465.9	435.6	405.6	375.3	346.6	319.4
47.5°	635.9	609.0	581.0	553.9	522.5	491.0	458.9	428.0	395.5	364.2	335.2
50°	665.8	637.8	608.1	577.6	546.5	514.5	481.6	449.5	415.7	381.5	350.6
52.5°	694.0	665.2	634.3	602.4	569.9	536.7	502.8	468.6	433.5	397.1	365.1
55°	720.4	690.9	659.4	626.4	591.5	557.0	521.7	485.7	449.1	412.3	379.2
57.5°	744.9	714.6	683.6	649.6	613.0	576.2	540.1	502.8	464.3	426.0	391.5
60°	768.4	736.9	702.9	668.8	632.2	593.4	556.9	519.9	479.5	439.1	403.1
62.5°	788.9	756.4	721.4	685.8	650.6	609.9	572.2	533.7	493.2	452.2	414.4
65°	807.8	774.7	739.8	703.1	666.2	626.3	586.2	545.5	505.2	464.7	425.5
67.5°	824.6	791.5	756.7	720.8	680.4	640.5	599.3	557.4	515.7	474.6	434.8
70°	840.3	806.1	770.9	732.8	693.4	652.2	610.5	569.0	525.9	483.3	443.7
72.5°	854.4	819.2	783.7	744.5	704.5	663.3	619.9	577.7	534.3	490.9	450.9
75°	865.5	831.0	794.0	754.1	713.7	673.1	628.4	584.5	541.6	498.0	457.6
77.5°	874.8	840.7	803.5	762.3	720.9	680.1	635.0	590.4	547.0	502.9	461.7
80°	881.7	847.5	809.3	769.2	726.0	684.5	640.0	595.6	551.4	507.2	465.1
82.5°	886.9	852.9	813.6	774.9	731.3	689.7	644.1	599.9	556.1	510.8	470.0
85°	890.6	855.7	816.7	779.1	736.1	696.6	648.9	604.7	561.6	514.6	472.5
87.5°	893.2	857.1	819.1	780.6	737.9	695.8	650.5	605.4	562.3	516.7	472.1
90°	893.2	855.9	819.7	779.5	737.3	694.2	652.0	605.9	562.8	518.7	471.6
92.5°	893.2	857.1	819.1	780.6	737.9	695.8	650.5	605.4	562.3	516.7	472.1
95°	890.6	855.7	816.7	779.1	736.1	696.6	648.9	604.7	561.6	514.6	472.5
97.5°	886.9	852.9	813.6	774.9	731.3	689.7	644.1	599.9	556.1	510.8	470.0
100°	881.7	847.5	809.3	769.2	726.0	684.5	640.0	595.6	551.4	507.2	465.1
102.5°	874.8	840.7	803.5	762.3	720.9	680.1	635.0	590.4	547.0	502.9	461.7
105°	865.5	831.0	794.0	754.1	713.7	673.1	628.4	584.5	541.6	498.0	457.6
107.5°	854.4	819.2	783.7	744.5	704.5	663.3	619.9	577.7	534.3	490.9	450.9
110°	840.3	806.1	770.9	732.8	693.4	652.2	610.5	569.0	525.9	483.3	443.7



TEST NUMBER: P232001

CATALOG NUMBER: FVS4WM-4-LD4-35-2HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	824.6	791.5	756.7	720.8	680.4	640.5	599.3	557.4	515.7	474.6	434.8
115°	807.8	774.7	739.8	703.1	666.2	626.3	586.2	545.5	505.2	464.7	425.5
117.5°	788.9	756.4	721.4	685.8	650.6	609.9	572.2	533.7	493.2	452.2	414.4
120°	768.4	736.9	702.9	668.8	632.2	593.4	556.9	519.9	479.5	439.1	403.1
122.5°	744.9	714.6	683.6	649.6	613.0	576.2	540.1	502.8	464.3	426.0	391.5
125°	720.4	690.9	659.4	626.4	591.5	557.0	521.7	485.7	449.1	412.3	379.2
127.5°	694.0	665.2	634.3	602.4	569.9	536.7	502.8	468.6	433.5	397.1	365.1
130°	665.8	637.8	608.1	577.6	546.5	514.5	481.6	449.5	415.7	381.5	350.6
132.5°	635.9	609.0	581.0	553.9	522.5	491.0	458.9	428.0	395.5	364.2	335.2
135°	605.0	579.9	553.2	525.4	496.9	465.9	435.6	405.6	375.3	346.6	319.4
137.5°	572.7	548.5	523.4	497.1	469.4	440.4	411.3	383.1	355.2	327.9	302.0
140°	538.9	516.1	491.6	466.3	439.8	413.0	386.1	360.1	334.1	308.0	284.3
142.5°	504.3	481.9	458.3	434.6	411.8	385.7	360.7	335.6	311.2	286.9	265.6
145°	467.9	445.9	424.5	402.9	380.3	357.2	333.6	310.9	287.9	266.2	246.5
147.5°	428.2	408.8	389.9	370.3	349.5	327.6	305.3	284.2	263.9	244.7	226.0
150°	388.0	370.3	352.9	335.3	316.6	296.9	276.7	258.1	240.4	222.8	205.7
152.5°	349.0	333.0	317.0	300.9	284.0	266.2	248.6	230.8	215.2	200.8	187.3
155°	310.2	295.1	280.1	265.3	249.9	234.9	219.4	204.0	191.7	179.2	168.1
157.5°	268.5	255.8	242.7	229.1	216.9	204.4	191.1	179.4	167.5	156.1	146.6
160°	228.8	217.9	206.5	195.6	184.5	173.1	163.2	152.8	142.0	133.5	125.1
162.5°	190.4	179.9	170.0	159.8	150.3	142.5	134.2	125.4	118.0	110.9	103.4
165°	149.9	142.4	135.5	127.7	120.7	113.5	106.2	100.3	94.5	88.3	81.9
167.5°	114.2	108.6	102.7	96.7	90.5	85.3	81.1	76.6	71.9	66.9	63.8
170°	80.1	75.6	71.0	67.7	64.4	61.0	57.5	53.8	50.0	48.0	46.2
172.5°	50.5	48.3	45.9	43.5	40.9	38.2	35.5	34.1	33.1	32.0	30.8
175°	25.7	23.8	21.9	21.3	20.6	19.9	19.1	18.3	17.5	16.6	15.7
177.5°	11.6	11.3	11.0	10.7	10.3	9.9	9.6	9.2	8.7	8.3	7.9
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: P232001

CATALOG NUMBER: FVS4WM-4-LD4-35-2HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	7.4	6.9	6.4	5.9	5.9	5.8	5.8	5.7	5.7	5.6	5.5
5°	14.8	13.8	12.8	11.8	11.7	11.6	11.4	11.3	11.1	10.9	10.7
7.5°	29.4	28.0	26.6	25.0	24.7	24.3	23.9	23.4	22.9	22.2	21.5
10°	44.4	42.4	40.4	38.2	37.6	37.0	36.3	35.4	34.6	33.7	32.7
12.5°	61.5	59.1	56.6	53.9	53.1	52.1	51.1	49.8	48.6	47.4	46.1
15°	78.7	75.9	72.8	69.6	68.5	67.2	65.8	64.4	63.1	61.7	60.1
17.5°	97.3	93.8	90.1	86.3	85.0	83.5	81.8	80.2	78.6	76.8	74.7
20°	116.3	111.9	107.5	102.9	101.4	99.8	97.9	96.1	94.1	92.0	89.5
22.5°	136.8	130.0	124.9	119.6	117.8	115.7	113.6	111.7	109.4	106.9	104.0
25°	157.2	148.1	142.4	136.3	134.1	131.6	129.4	127.2	124.6	121.6	118.4
27.5°	175.8	165.0	158.6	152.0	149.6	146.9	144.7	142.3	139.4	136.1	132.6
30°	193.8	181.8	174.9	167.7	165.1	162.2	160.0	157.4	154.2	150.6	146.8
32.5°	211.6	198.4	190.4	182.9	179.9	176.7	174.4	171.6	168.2	164.5	160.5
35°	229.4	215.1	205.8	198.1	194.6	191.2	188.7	185.7	182.1	177.9	173.3
37.5°	246.0	230.7	220.0	211.8	207.8	204.2	201.7	198.5	195.0	190.4	185.7
40°	262.4	246.2	234.2	225.5	220.9	217.2	214.6	211.2	207.2	202.6	197.6
42.5°	277.6	260.5	247.4	238.3	233.5	229.6	226.7	223.4	219.2	214.3	209.0
45°	293.5	274.7	260.5	251.0	246.0	241.9	238.6	235.6	230.8	225.3	219.6
47.5°	308.3	287.6	272.3	262.3	257.1	253.1	249.8	246.8	241.5	235.8	229.9
50°	322.7	300.4	283.9	273.5	268.2	264.1	260.8	257.5	251.9	246.1	240.1
52.5°	336.5	313.0	295.4	283.8	278.3	274.3	270.8	266.9	261.4	255.6	249.5
55°	349.9	325.6	306.8	294.1	288.4	284.4	280.6	276.2	270.5	264.6	258.0
57.5°	361.4	335.9	315.7	303.0	296.7	292.6	288.9	284.2	278.5	272.4	266.0
60°	372.5	346.2	324.4	311.8	304.9	300.7	297.0	292.1	286.1	279.7	274.2
62.5°	381.6	353.8	332.6	319.2	312.5	308.1	303.9	299.0	293.0	286.6	280.5
65°	390.5	361.1	340.7	326.5	320.2	315.4	310.7	305.8	299.8	293.0	286.2
67.5°	398.0	367.7	345.9	332.4	325.5	321.1	316.8	311.4	305.0	298.3	291.4
70°	405.2	374.3	351.1	338.3	330.8	326.8	322.9	316.7	310.0	303.1	296.2
72.5°	411.6	379.5	356.2	342.7	335.1	331.2	326.9	321.2	314.3	307.3	300.2
75°	417.7	384.5	361.8	347.1	339.4	335.5	330.7	325.8	318.4	311.4	303.8
77.5°	421.9	388.0	364.7	350.1	342.3	338.4	333.6	328.3	320.8	314.2	306.3
80°	425.8	392.2	367.7	353.0	345.2	341.3	336.4	330.6	323.0	316.8	308.4
82.5°	429.9	394.6	369.6	355.0	346.7	342.7	337.8	332.0	324.7	317.9	310.1
85°	432.4	397.1	371.6	356.9	348.1	344.1	339.2	333.4	326.5	318.7	311.8
87.5°	432.4	397.6	372.1	356.9	348.6	344.6	339.7	333.9	326.5	319.1	311.9
90°	432.4	398.1	372.6	356.9	349.0	345.1	340.2	334.3	326.5	319.6	311.8
92.5°	432.4	397.6	372.1	356.9	348.6	344.6	339.7	333.9	326.5	319.1	311.9
95°	432.4	397.1	371.6	356.9	348.1	344.1	339.2	333.4	326.5	318.7	311.8
97.5°	429.9	394.6	369.6	355.0	346.7	342.7	337.8	332.0	324.7	317.9	310.1
100°	425.8	392.2	367.7	353.0	345.2	341.3	336.4	330.6	323.0	316.8	308.4
102.5°	421.9	388.0	364.7	350.1	342.3	338.4	333.6	328.3	320.8	314.2	306.3
105°	417.7	384.5	361.8	347.1	339.4	335.5	330.7	325.8	318.4	311.4	303.8
107.5°	411.6	379.5	356.2	342.7	335.1	331.2	326.9	321.2	314.3	307.3	300.2
110°	405.2	374.3	351.1	338.3	330.8	326.8	322.9	316.7	310.0	303.1	296.2



TEST NUMBER: P232001

CATALOG NUMBER: FVS4WM-4-LD4-35-2HI-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°	398.0	367.7	345.9	332.4	325.5	321.1	316.8	311.4	305.0	298.3	291.4
115°	390.5	361.1	340.7	326.5	320.2	315.4	310.7	305.8	299.8	293.0	286.2
117.5°	381.6	353.8	332.6	319.1	312.5	308.1	303.9	299.0	293.0	286.6	280.5
120°	372.5	346.2	324.4	311.8	304.9	300.7	297.0	292.1	286.1	279.7	274.2
122.5°	361.4	335.9	315.7	302.9	296.7	292.6	288.9	284.2	278.5	272.4	266.0
125°	349.9	325.6	306.8	294.1	288.4	284.4	280.6	276.2	270.5	264.6	258.0
127.5°	336.5	313.0	295.4	283.8	278.3	274.3	270.8	266.9	261.4	255.6	249.5
130°	322.7	300.4	283.9	273.5	268.2	264.1	260.8	257.5	251.9	246.1	240.1
132.5°	308.3	287.6	272.3	262.3	257.1	253.1	249.8	246.8	241.5	235.8	229.9
135°	293.5	274.7	260.5	251.0	246.0	241.9	238.6	235.6	230.8	225.3	219.6
137.5°	277.6	260.5	247.4	238.3	233.5	229.6	226.7	223.4	219.2	214.3	209.0
140°	262.4	246.2	234.2	225.5	220.9	217.2	214.6	211.2	207.2	202.6	197.6
142.5°	246.0	230.7	220.0	211.8	207.8	204.2	201.7	198.5	195.0	190.4	185.7
145°	229.4	215.1	205.8	198.1	194.6	191.2	188.7	185.7	182.1	177.9	173.3
147.5°	211.6	198.4	190.4	182.9	179.9	176.7	174.4	171.6	168.2	164.5	160.5
150°	193.8	181.8	174.9	167.7	165.1	162.2	160.0	157.4	154.2	150.6	146.8
152.5°	175.8	165.0	158.6	152.0	149.6	146.9	144.7	142.3	139.4	136.1	132.6
155°	157.2	148.1	142.4	136.3	134.1	131.6	129.4	127.2	124.6	121.6	118.4
157.5°	136.8	130.0	124.9	119.6	117.8	115.7	113.6	111.7	109.4	106.9	104.0
160°	116.3	111.9	107.5	102.9	101.4	99.8	97.9	96.1	94.1	92.0	89.5
162.5°	97.3	93.8	90.1	86.3	85.0	83.5	81.8	80.2	78.6	76.8	74.7
165°	78.7	75.9	72.8	69.6	68.5	67.2	65.8	64.4	63.1	61.7	60.1
167.5°	61.5	59.1	56.6	53.9	53.1	52.1	51.1	49.8	48.6	47.4	46.1
170°	44.4	42.4	40.4	38.2	37.6	37.0	36.3	35.4	34.6	33.7	32.7
172.5°	29.4	28.0	26.6	25.0	24.7	24.3	23.9	23.4	22.9	22.2	21.5
175°	14.8	13.8	12.8	11.8	11.7	11.6	11.4	11.3	11.1	10.9	10.7
177.5°	7.4	6.9	6.4	5.9	5.9	5.8	5.8	5.7	5.7	5.6	5.5
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: P232001

CATALOG NUMBER: FVS4WM-4-LD4-35-2HI-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°	5.4	5.3	5.2	5.0	4.9	4.8	4.6	4.4	4.3	4.1	3.9
5°	10.4	10.2	9.9	9.7	9.4	9.1	8.7	8.4	8.1	7.7	7.4
7.5°	20.9	20.1	19.3	18.4	17.5	16.6	15.6	14.5	13.5	12.4	11.2
10°	31.7	30.7	29.5	28.4	27.1	25.8	24.5	23.1	21.6	20.1	18.6
12.5°	44.7	43.1	41.4	39.5	37.6	35.5	33.4	31.3	29.6	27.8	25.9
15°	58.4	56.3	54.1	51.9	49.5	47.2	44.8	42.3	39.7	37.1	34.1
17.5°	72.4	69.9	67.2	64.4	61.6	58.7	55.9	52.8	49.5	46.2	42.7
20°	86.8	84.0	81.0	77.9	74.6	71.0	67.2	63.2	59.3	55.2	51.6
22.5°	101.1	97.9	94.5	91.0	86.9	82.7	78.5	74.3	70.0	65.6	60.9
25°	114.9	111.3	107.5	103.5	99.2	94.7	90.0	85.2	80.4	75.4	70.2
27.5°	128.7	124.7	120.7	116.6	111.8	106.8	101.5	96.1	90.6	85.0	79.2
30°	142.7	138.2	133.6	128.7	123.5	118.0	112.2	106.2	100.4	94.3	87.8
32.5°	156.0	151.1	145.9	140.4	134.7	128.7	122.7	116.6	110.2	103.3	96.2
35°	168.4	163.2	157.7	151.9	145.8	139.7	133.6	126.9	119.5	112.1	104.8
37.5°	180.7	175.3	169.7	163.2	156.6	150.4	143.6	136.1	128.5	120.7	112.9
40°	192.3	186.5	180.3	173.7	167.3	160.6	152.8	144.9	136.9	128.9	121.0
42.5°	203.4	197.3	190.9	184.1	177.2	169.5	161.5	153.6	145.4	137.3	128.4
45°	213.6	207.3	200.7	193.7	186.4	178.6	170.3	161.9	153.4	144.7	135.5
47.5°	223.8	217.4	210.5	202.9	194.7	186.5	178.4	169.7	161.1	151.9	141.8
50°	233.7	226.8	219.4	211.4	202.7	194.7	185.9	176.8	167.7	158.0	147.7
52.5°	243.0	235.9	228.4	219.5	210.6	202.1	193.0	183.6	174.2	164.2	153.9
55°	251.0	243.8	236.1	227.0	218.1	209.3	200.0	190.1	180.1	170.0	159.4
57.5°	258.9	251.6	243.6	234.3	224.9	215.6	206.0	196.0	185.9	175.5	164.3
60°	266.2	258.4	249.8	240.6	231.1	221.6	212.0	201.3	190.7	180.0	168.9
62.5°	272.9	264.8	255.9	246.7	236.8	227.0	216.9	206.0	195.3	184.4	172.7
65°	278.6	269.9	261.0	251.8	241.8	232.1	221.6	210.6	199.6	188.0	175.7
67.5°	283.7	274.9	265.9	256.8	246.7	236.5	225.4	214.3	203.2	190.9	178.2
70°	288.2	279.3	270.3	260.7	250.4	240.1	229.0	217.8	206.5	193.5	180.9
72.5°	292.0	283.0	274.1	264.4	254.0	243.6	232.2	220.3	208.4	195.6	183.5
75°	295.2	285.8	276.7	266.6	256.3	245.9	234.5	222.4	210.1	197.8	185.8
77.5°	297.5	288.0	279.0	268.7	258.5	248.0	236.6	224.1	211.7	199.0	186.1
80°	299.5	289.8	280.8	270.3	259.7	249.0	237.5	224.9	212.6	199.6	186.6
82.5°	300.9	291.1	281.9	271.3	260.8	249.9	238.4	225.7	213.0	200.3	187.4
85°	302.1	292.3	282.6	271.8	261.8	250.3	239.2	225.9	213.7	201.0	187.6
87.5°	302.5	292.3	282.9	271.7	262.3	250.6	239.4	226.1	213.9	201.3	187.6
90°	303.0	292.2	283.4	271.6	262.8	251.0	239.2	226.5	213.7	201.0	187.3
92.5°	302.5	292.3	282.9	271.7	262.3	250.6	239.4	226.1	213.9	201.3	187.6
95°	302.1	292.3	282.6	271.8	261.8	250.3	239.2	225.9	213.7	201.0	187.6
97.5°	300.9	291.1	281.9	271.3	260.8	249.9	238.4	225.7	213.0	200.3	187.4
100°	299.5	289.8	280.8	270.3	259.7	249.0	237.5	224.9	212.6	199.6	186.6
102.5°	297.5	288.0	279.0	268.7	258.5	248.0	236.6	224.1	211.7	199.0	186.1
105°	295.2	285.8	276.7	266.6	256.3	245.9	234.5	222.4	210.1	197.8	185.8
107.5°	292.0	283.0	274.1	264.4	254.0	243.6	232.2	220.3	208.4	195.6	183.5
110°	288.2	279.3	270.3	260.7	250.4	240.1	229.0	217.8	206.5	193.5	180.9



TEST NUMBER: P232001

CATALOG NUMBER: FVS4WM-4-LD4-35-2HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	283.7	274.9	265.9	256.8	246.7	236.5	225.4	214.3	203.2	190.9	178.2
115°	278.6	269.9	261.0	251.8	241.8	232.1	221.6	210.6	199.6	188.0	175.7
117.5°	272.9	264.8	255.9	246.7	236.8	227.0	216.9	206.0	195.3	184.4	172.7
120°	266.2	258.4	249.8	240.6	231.1	221.6	212.0	201.3	190.7	180.0	168.9
122.5°	258.9	251.6	243.6	234.3	224.9	215.6	206.0	196.0	185.9	175.5	164.3
125°	251.0	243.8	236.1	227.0	218.1	209.3	200.0	190.1	180.1	170.0	159.4
127.5°	243.0	235.9	228.4	219.5	210.6	202.1	193.0	183.6	174.2	164.2	153.9
130°	233.7	226.8	219.4	211.4	202.7	194.7	185.9	176.8	167.7	158.0	147.7
132.5°	223.8	217.4	210.5	202.9	194.7	186.5	178.4	169.7	161.1	151.9	141.8
135°	213.6	207.3	200.7	193.7	186.4	178.6	170.3	161.9	153.4	144.7	135.5
137.5°	203.4	197.3	190.9	184.1	177.2	169.5	161.5	153.6	145.4	137.3	128.4
140°	192.3	186.5	180.3	173.7	167.3	160.6	152.8	144.9	136.9	128.9	121.0
142.5°	180.7	175.3	169.7	163.2	156.6	150.4	143.6	136.1	128.5	120.7	112.9
145°	168.4	163.2	157.7	151.9	145.8	139.7	133.6	126.9	119.5	112.1	104.8
147.5°	156.0	151.1	145.9	140.4	134.7	128.7	122.7	116.6	110.2	103.3	96.2
150°	142.7	138.2	133.6	128.7	123.5	118.0	112.2	106.2	100.4	94.3	87.8
152.5°	128.7	124.7	120.7	116.6	111.8	106.8	101.5	96.1	90.6	85.0	79.2
155°	114.9	111.3	107.5	103.5	99.2	94.7	90.0	85.2	80.4	75.4	70.2
157.5°	101.1	97.9	94.5	91.0	86.9	82.7	78.5	74.3	70.0	65.6	60.9
160°	86.8	84.0	81.0	77.9	74.6	71.0	67.2	63.2	59.3	55.2	51.6
162.5°	72.4	69.9	67.2	64.4	61.6	58.7	55.9	52.8	49.5	46.2	42.7
165°	58.4	56.3	54.1	51.9	49.5	47.2	44.8	42.3	39.7	37.1	34.1
167.5°	44.7	43.1	41.4	39.5	37.6	35.5	33.4	31.3	29.6	27.8	25.9
170°	31.7	30.7	29.5	28.4	27.1	25.8	24.5	23.1	21.6	20.1	18.6
172.5°	20.9	20.1	19.3	18.4	17.5	16.6	15.6	14.5	13.5	12.4	11.2
175°	10.4	10.2	9.9	9.7	9.4	9.1	8.7	8.4	8.1	7.7	7.4
177.5°	5.4	5.3	5.2	5.0	4.9	4.8	4.6	4.4	4.3	4.1	3.9
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: P232001

CATALOG NUMBER: FVS4WM-4-LD4-35-2HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	3.7	3.5	3.4	3.2	2.9	2.7	2.5	2.3	2.1	1.9	1.6
5°	7.0	6.6	6.2	5.8	5.4	5.0	4.6	4.2	3.8	3.4	3.0
7.5°	9.6	9.2	8.6	8.1	7.5	6.9	6.4	5.8	5.2	4.6	4.1
10°	17.0	15.4	13.7	12.0	10.3	8.3	7.7	7.0	6.3	5.6	4.8
12.5°	24.0	22.0	20.0	17.8	15.6	13.4	11.2	8.9	7.0	6.2	5.4
15°	31.1	28.3	25.7	23.1	20.6	18.0	15.5	12.9	10.4	7.9	6.4
17.5°	39.3	35.8	32.2	28.4	25.2	22.4	19.6	16.7	13.8	10.9	7.9
20°	47.7	43.7	39.6	35.5	31.3	27.2	23.6	20.2	16.8	13.4	10.0
22.5°	56.0	51.1	46.5	42.0	37.4	32.7	27.8	23.0	19.3	15.6	11.9
25°	64.8	59.4	54.0	48.6	43.3	38.0	32.6	27.2	22.0	17.9	13.9
27.5°	73.2	67.2	61.2	55.1	48.9	42.9	37.2	31.6	26.1	20.0	15.9
30°	81.2	74.6	68.2	61.7	55.0	48.1	41.2	35.2	29.2	23.3	17.4
32.5°	89.4	82.6	75.6	67.9	60.9	53.5	46.3	38.9	32.8	26.2	19.6
35°	97.7	90.0	82.2	74.4	66.5	58.8	51.1	43.5	35.9	28.9	21.9
37.5°	105.1	97.0	88.5	80.4	72.0	63.6	55.3	47.3	39.3	31.4	23.9
40°	112.6	103.8	95.0	86.2	77.3	68.5	59.6	50.6	41.9	33.1	25.1
42.5°	119.4	110.3	101.1	91.8	82.5	72.9	63.2	53.5	44.1	35.3	26.8
45°	126.0	116.5	106.9	97.2	86.9	76.7	66.5	56.4	46.3	36.9	27.9
47.5°	132.1	122.3	112.1	101.6	91.1	80.5	69.3	58.5	48.2	38.2	29.1
50°	138.1	127.8	117.0	105.9	94.8	82.9	71.2	60.4	50.3	39.8	30.4
52.5°	143.7	133.3	121.7	109.8	97.9	85.3	73.2	62.1	51.1	40.9	31.2
55°	148.6	137.2	125.6	112.8	100.2	87.5	75.4	63.9	52.5	42.2	32.2
57.5°	152.9	141.1	128.8	115.9	102.9	89.6	77.1	64.9	53.5	42.8	32.5
60°	157.4	145.0	132.3	119.1	105.0	91.5	78.6	66.5	54.8	43.9	33.2
62.5°	160.8	148.5	135.8	121.7	107.2	93.1	79.8	67.3	55.1	43.9	33.7
65°	164.1	151.8	138.7	124.6	109.0	94.2	80.7	68.0	55.8	43.9	33.4
67.5°	166.3	154.3	141.6	127.3	111.3	95.7	81.6	68.5	55.9	44.4	33.6
70°	168.5	156.2	143.8	129.7	113.3	97.5	82.1	68.4	55.5	44.0	33.1
72.5°	171.1	158.5	145.1	131.1	115.5	99.1	83.2	68.8	55.2	43.3	32.2
75°	172.2	159.4	145.6	132.3	117.8	101.0	84.3	69.1	55.6	42.8	31.8
77.5°	173.0	159.7	146.4	133.4	119.1	103.0	86.2	69.9	55.5	42.3	30.5
80°	173.7	160.2	146.5	133.2	119.1	104.6	88.8	71.6	55.4	41.2	29.4
82.5°	173.9	160.1	145.9	132.8	118.5	104.0	89.5	73.7	56.5	40.7	27.6
85°	173.9	160.2	145.8	132.3	117.0	103.1	88.6	74.0	58.8	42.5	26.9
87.5°	174.1	160.2	146.5	132.0	116.2	102.5	87.8	73.1	58.6	44.0	29.2
90°	174.5	159.8	146.1	132.4	115.7	102.9	87.3	72.6	58.8	43.1	29.4
92.5°	174.1	160.2	146.5	132.0	116.2	102.5	87.8	73.1	58.6	44.0	29.2
95°	173.9	160.2	145.8	132.3	117.0	103.1	88.6	74.0	58.8	42.5	26.9
97.5°	173.9	160.1	145.9	132.8	118.5	104.0	89.5	73.7	56.5	40.7	27.6
100°	173.7	160.2	146.5	133.2	119.1	104.6	88.8	71.6	55.4	41.2	29.4
102.5°	173.0	159.7	146.4	133.4	119.1	103.0	86.2	69.9	55.5	42.3	30.5
105°	172.2	159.4	145.6	132.3	117.8	101.0	84.3	69.1	55.6	42.8	31.8
107.5°	171.1	158.5	145.1	131.1	115.5	99.1	83.2	68.8	55.2	43.3	32.2
110°	168.5	156.2	143.8	129.7	113.3	97.5	82.1	68.4	55.5	44.0	33.1



TEST NUMBER: P232001

CATALOG NUMBER: FVS4WM-4-LD4-35-2HI-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°	166.3	154.3	141.6	127.3	111.3	95.7	81.6	68.5	55.9	44.4	33.6
115°	164.1	151.8	138.7	124.6	109.0	94.2	80.7	68.0	55.8	43.9	33.4
117.5°	160.8	148.5	135.8	121.7	107.2	93.1	79.8	67.3	55.1	43.9	33.7
120°	157.4	145.0	132.3	119.1	105.0	91.5	78.6	66.5	54.8	43.9	33.2
122.5°	152.9	141.1	128.8	115.9	102.9	89.6	77.1	64.9	53.5	42.8	32.5
125°	148.6	137.2	125.6	112.8	100.2	87.5	75.4	63.9	52.5	42.2	32.2
127.5°	143.7	133.3	121.7	109.8	97.9	85.3	73.2	62.1	51.1	40.9	31.2
130°	138.1	127.8	117.0	105.9	94.8	82.9	71.2	60.4	50.3	39.8	30.4
132.5°	132.1	122.3	112.1	101.6	91.1	80.5	69.3	58.5	48.2	38.2	29.1
135°	126.0	116.5	106.9	97.2	86.9	76.7	66.5	56.4	46.3	36.9	27.9
137.5°	119.4	110.3	101.1	91.8	82.5	72.9	63.2	53.5	44.1	35.3	26.8
140°	112.6	103.8	95.0	86.2	77.3	68.5	59.6	50.6	41.9	33.1	25.1
142.5°	105.1	97.0	88.5	80.4	72.0	63.6	55.3	47.3	39.3	31.4	23.9
145°	97.7	90.0	82.2	74.4	66.5	58.8	51.1	43.5	35.9	28.9	21.9
147.5°	89.4	82.6	75.6	67.9	60.9	53.5	46.3	38.9	32.8	26.2	19.6
150°	81.2	74.6	68.2	61.7	55.0	48.1	41.2	35.2	29.2	23.3	17.4
152.5°	73.2	67.2	61.2	55.1	48.9	42.9	37.2	31.6	26.1	20.0	15.9
155°	64.8	59.4	54.0	48.6	43.3	38.0	32.6	27.2	22.0	17.9	13.9
157.5°	56.0	51.1	46.5	42.0	37.4	32.7	27.8	23.0	19.3	15.6	11.9
160°	47.7	43.7	39.6	35.5	31.3	27.2	23.6	20.2	16.8	13.4	10.0
162.5°	39.3	35.8	32.2	28.4	25.2	22.4	19.6	16.7	13.8	10.9	7.9
165°	31.1	28.3	25.7	23.1	20.6	18.0	15.5	12.9	10.4	7.9	6.4
167.5°	24.0	22.0	20.0	17.8	15.6	13.4	11.2	8.9	7.0	6.2	5.4
170°	17.0	15.4	13.7	12.0	10.3	8.3	7.7	7.0	6.3	5.6	4.8
172.5°	9.6	9.2	8.6	8.1	7.5	6.9	6.4	5.8	5.2	4.6	4.1
175°	7.0	6.6	6.2	5.8	5.4	5.0	4.6	4.2	3.8	3.4	3.0
177.5°	3.7	3.5	3.4	3.2	2.9	2.7	2.5	2.3	2.1	1.9	1.6
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: P232001

CATALOG NUMBER: FVS4WM-4-LD4-35-2HI-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°	1.4	1.2	0.9	0.7	0.5	0.2	0.0	0.2	0.5	0.7	0.9
5°	2.6	2.1	1.7	1.3	0.9	0.4	0.0	0.4	0.9	1.3	1.7
7.5°	3.5	2.9	2.3	1.7	1.2	0.6	0.0	0.6	1.2	1.7	2.3
10°	4.1	3.5	2.8	2.1	1.4	0.7	0.0	0.7	1.4	2.1	2.8
12.5°	4.6	3.9	3.1	2.3	1.5	0.8	0.0	0.8	1.5	2.3	3.1
15°	5.5	4.6	3.7	2.8	1.8	0.9	0.0	0.9	1.8	2.8	3.7
17.5°	5.7	4.7	3.8	2.8	1.9	0.9	0.0	0.9	1.9	2.8	3.8
20°	6.6	4.6	3.6	2.7	1.8	0.9	0.0	0.9	1.8	2.7	3.6
22.5°	8.2	4.6	3.3	2.5	1.6	0.8	0.0	0.8	1.6	2.5	3.3
25°	9.9	5.9	2.8	2.1	1.4	0.7	0.0	0.7	1.4	2.1	2.8
27.5°	11.5	7.1	2.7	1.6	1.1	0.5	0.0	0.5	1.1	1.6	2.7
30°	12.9	8.5	4.2	1.7	1.2	0.6	0.0	0.6	1.2	1.7	4.2
32.5°	13.9	9.4	4.9	1.1	0.7	0.3	0.0	0.3	0.7	1.1	4.9
35°	14.9	10.0	5.7	1.5	0.7	0.3	0.0	0.3	0.7	1.5	5.7
37.5°	16.6	10.4	6.3	2.5	0.8	0.4	0.0	0.4	0.8	2.5	6.3
40°	17.9	10.7	6.5	3.0	0.8	0.4	0.0	0.4	0.8	3.0	6.5
42.5°	19.0	11.7	6.3	3.3	0.9	0.5	0.0	0.5	0.9	3.3	6.3
45°	19.5	12.3	5.4	2.7	0.1	0.0	0.0	0.0	0.1	2.7	5.4
47.5°	20.5	13.0	6.1	2.9	1.2	1.0	1.0	1.0	1.2	2.9	6.1
50°	21.7	13.4	6.9	2.6	1.4	1.0	1.0	1.0	1.4	2.6	6.9
52.5°	22.0	13.7	7.2	2.1	1.3	1.0	1.0	1.0	1.3	2.1	7.2
55°	22.6	14.1	7.0	2.6	1.4	1.0	1.0	1.0	1.4	2.6	7.0
57.5°	23.0	14.4	6.5	2.6	1.1	1.0	1.0	1.0	1.1	2.6	6.5
60°	23.2	14.5	7.3	2.8	1.0	1.0	1.0	1.0	1.0	2.8	7.3
62.5°	24.0	15.3	7.8	2.9	1.0	1.0	1.0	1.0	1.0	2.9	7.8
65°	24.3	16.0	7.6	2.8	1.1	1.0	1.0	1.0	1.1	2.8	7.6
67.5°	24.2	15.5	7.5	2.6	1.1	1.0	1.0	1.0	1.1	2.6	7.5
70°	23.5	15.3	7.2	2.4	1.0	1.0	1.0	1.0	1.0	2.4	7.2
72.5°	23.0	14.5	7.0	2.4	0.4	1.0	1.0	1.0	0.4	2.4	7.0
75°	21.8	13.6	6.5	1.7	0.2	1.0	1.0	1.0	0.2	1.7	6.5
77.5°	20.5	12.6	5.3	0.9	0.0	0.1	0.0	0.1	0.0	0.9	5.3
80°	18.7	10.2	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7
82.5°	16.6	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	14.6	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	14.1	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	16.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	14.1	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	14.6	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	16.6	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	18.7	10.2	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7
102.5°	20.5	12.6	5.3	0.9	0.0	0.1	0.0	0.1	0.0	0.9	5.3
105°	21.8	13.6	6.5	1.7	0.2	1.0	1.0	1.0	0.2	1.7	6.5
107.5°	23.0	14.5	7.0	2.4	0.4	1.0	1.0	1.0	0.4	2.4	7.0
110°	23.5	15.3	7.2	2.4	1.0	1.0	1.0	1.0	1.0	2.4	7.2



TEST NUMBER: P232001

CATALOG NUMBER: FVS4WM-4-LD4-35-2HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	24.2	15.5	7.5	2.6	1.1	1.0	1.0	1.0	1.1	2.6	7.5
115°	24.3	16.0	7.6	2.8	1.1	1.0	1.0	1.0	1.1	2.8	7.6
117.5°	24.0	15.3	7.8	2.9	1.0	1.0	1.0	1.0	1.0	2.9	7.8
120°	23.2	14.5	7.3	2.8	1.0	1.0	1.0	1.0	1.0	2.8	7.3
122.5°	23.0	14.4	6.5	2.6	1.1	1.0	1.0	1.0	1.1	2.6	6.5
125°	22.6	14.1	7.0	2.6	1.4	1.0	1.0	1.0	1.4	2.6	7.0
127.5°	22.0	13.7	7.2	2.1	1.3	1.0	1.0	1.0	1.3	2.1	7.2
130°	21.7	13.4	6.9	2.6	1.4	1.0	1.0	1.0	1.4	2.6	6.9
132.5°	20.5	13.0	6.1	2.9	1.2	1.0	1.0	1.0	1.2	2.9	6.1
135°	19.5	12.3	5.4	2.7	0.1	0.0	0.0	0.0	0.1	2.7	5.4
137.5°	19.0	11.7	6.3	3.3	0.9	0.5	0.0	0.5	0.9	3.3	6.3
140°	17.9	10.7	6.5	3.0	0.8	0.4	0.0	0.4	0.8	3.0	6.5
142.5°	16.6	10.4	6.3	2.5	0.8	0.4	0.0	0.4	0.8	2.5	6.3
145°	14.9	10.0	5.7	1.5	0.7	0.3	0.0	0.3	0.7	1.5	5.7
147.5°	13.9	9.4	4.9	1.1	0.7	0.3	0.0	0.3	0.7	1.1	4.9
150°	12.9	8.5	4.2	1.7	1.2	0.6	0.0	0.6	1.2	1.7	4.2
152.5°	11.5	7.1	2.7	1.6	1.1	0.5	0.0	0.5	1.1	1.6	2.7
155°	9.9	5.9	2.8	2.1	1.4	0.7	0.0	0.7	1.4	2.1	2.8
157.5°	8.2	4.6	3.3	2.5	1.6	0.8	0.0	0.8	1.6	2.5	3.3
160°	6.6	4.6	3.6	2.7	1.8	0.9	0.0	0.9	1.8	2.7	3.6
162.5°	5.7	4.7	3.8	2.8	1.9	0.9	0.0	0.9	1.9	2.8	3.8
165°	5.5	4.6	3.7	2.8	1.8	0.9	0.0	0.9	1.8	2.8	3.7
167.5°	4.6	3.9	3.1	2.3	1.5	0.8	0.0	0.8	1.5	2.3	3.1
170°	4.1	3.5	2.8	2.1	1.4	0.7	0.0	0.7	1.4	2.1	2.8
172.5°	3.5	2.9	2.3	1.7	1.2	0.6	0.0	0.6	1.2	1.7	2.3
175°	2.6	2.1	1.7	1.3	0.9	0.4	0.0	0.4	0.9	1.3	1.7
177.5°	1.4	1.2	0.9	0.7	0.5	0.2	0.0	0.2	0.5	0.7	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: P232001

CATALOG NUMBER: FVS4WM-4-LD4-35-2HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	1.2	1.4	1.6	1.9	2.1	2.3	2.5	2.7	2.9	3.2	3.4
5°	2.1	2.6	3.0	3.4	3.8	4.2	4.6	5.0	5.4	5.8	6.2
7.5°	2.9	3.5	4.1	4.6	5.2	5.8	6.4	6.9	7.5	8.1	8.6
10°	3.5	4.1	4.8	5.6	6.3	7.0	7.7	8.3	10.3	12.0	13.7
12.5°	3.9	4.6	5.4	6.2	7.0	8.9	11.2	13.4	15.6	17.8	20.0
15°	4.6	5.5	6.4	7.9	10.4	12.9	15.5	18.0	20.6	23.1	25.7
17.5°	4.7	5.7	7.9	10.9	13.8	16.7	19.6	22.4	25.2	28.4	32.2
20°	4.6	6.6	10.0	13.4	16.8	20.2	23.6	27.2	31.3	35.5	39.6
22.5°	4.6	8.2	11.9	15.6	19.3	23.0	27.8	32.7	37.4	42.0	46.5
25°	5.9	9.9	13.9	17.9	22.0	27.2	32.6	38.0	43.3	48.6	54.0
27.5°	7.1	11.5	15.9	20.0	26.1	31.6	37.2	42.9	48.9	55.1	61.2
30°	8.5	12.9	17.4	23.3	29.2	35.2	41.2	48.1	55.0	61.7	68.2
32.5°	9.4	13.9	19.6	26.2	32.8	38.9	46.3	53.5	60.9	67.9	75.6
35°	10.0	14.9	21.9	28.9	35.9	43.5	51.1	58.8	66.5	74.4	82.2
37.5°	10.4	16.6	23.9	31.4	39.3	47.3	55.3	63.6	72.0	80.4	88.5
40°	10.7	17.9	25.1	33.1	41.9	50.6	59.6	68.5	77.3	86.2	95.0
42.5°	11.7	19.0	26.8	35.3	44.1	53.5	63.2	72.9	82.5	91.8	101.1
45°	12.3	19.5	27.9	36.9	46.3	56.4	66.5	76.7	86.9	97.2	106.9
47.5°	13.0	20.5	29.1	38.2	48.2	58.5	69.3	80.5	91.1	101.6	112.1
50°	13.4	21.7	30.4	39.8	50.3	60.4	71.2	82.9	94.8	105.9	117.0
52.5°	13.7	22.0	31.2	40.9	51.1	62.1	73.2	85.3	97.9	109.8	121.7
55°	14.1	22.6	32.2	42.2	52.5	63.9	75.4	87.5	100.2	112.8	125.6
57.5°	14.4	23.0	32.5	42.8	53.5	64.9	77.1	89.6	102.9	115.9	128.8
60°	14.5	23.2	33.2	43.9	54.8	66.5	78.6	91.5	105.0	119.1	132.3
62.5°	15.3	24.0	33.7	43.9	55.1	67.3	79.8	93.1	107.2	121.7	135.8
65°	16.0	24.3	33.4	43.9	55.8	68.0	80.7	94.2	109.0	124.6	138.7
67.5°	15.5	24.2	33.6	44.4	55.9	68.5	81.6	95.7	111.3	127.3	141.6
70°	15.3	23.5	33.1	44.0	55.5	68.4	82.1	97.5	113.3	129.7	143.8
72.5°	14.5	23.0	32.2	43.3	55.2	68.8	83.2	99.1	115.5	131.1	145.1
75°	13.6	21.8	31.8	42.8	55.6	69.1	84.3	101.0	117.8	132.3	145.6
77.5°	12.6	20.5	30.5	42.3	55.5	69.9	86.2	103.0	119.1	133.4	146.4
80°	10.2	18.7	29.4	41.2	55.4	71.6	88.8	104.6	119.1	133.2	146.5
82.5°	7.2	16.6	27.6	40.7	56.5	73.7	89.5	104.0	118.5	132.8	145.9
85°	3.9	14.6	26.9	42.5	58.8	74.0	88.6	103.1	117.0	132.3	145.8
87.5°	1.2	14.1	29.2	44.0	58.6	73.1	87.8	102.5	116.2	132.0	146.5
90°	0.0	16.7	29.4	43.1	58.8	72.6	87.3	102.9	115.7	132.4	146.1
92.5°	1.2	14.1	29.2	44.0	58.6	73.1	87.8	102.5	116.2	132.0	146.5
95°	3.9	14.6	26.9	42.5	58.8	74.0	88.6	103.1	117.0	132.3	145.8
97.5°	7.2	16.6	27.6	40.7	56.5	73.7	89.5	104.0	118.5	132.8	145.9
100°	10.2	18.7	29.4	41.2	55.4	71.6	88.8	104.6	119.1	133.2	146.5
102.5°	12.6	20.5	30.5	42.3	55.5	69.9	86.2	103.0	119.1	133.4	146.4
105°	13.6	21.8	31.8	42.8	55.6	69.1	84.3	101.0	117.8	132.3	145.6
107.5°	14.5	23.0	32.2	43.3	55.2	68.8	83.2	99.1	115.5	131.1	145.1
110°	15.3	23.5	33.1	44.0	55.5	68.4	82.1	97.5	113.3	129.7	143.8



TEST NUMBER: P232001

CATALOG NUMBER: FVS4WM-4-LD4-35-2HI-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°	15.5	24.2	33.6	44.4	55.9	68.5	81.6	95.7	111.3	127.3	141.6
115°	16.0	24.3	33.4	43.9	55.8	68.0	80.7	94.2	109.0	124.6	138.7
117.5°	15.3	24.0	33.7	43.9	55.1	67.3	79.8	93.1	107.2	121.7	135.8
120°	14.5	23.2	33.2	43.9	54.8	66.5	78.6	91.5	105.0	119.1	132.3
122.5°	14.4	23.0	32.5	42.8	53.5	64.9	77.1	89.6	102.9	115.9	128.8
125°	14.1	22.6	32.2	42.2	52.5	63.9	75.4	87.5	100.2	112.8	125.6
127.5°	13.7	22.0	31.2	40.9	51.1	62.1	73.2	85.3	97.9	109.8	121.7
130°	13.4	21.7	30.4	39.8	50.3	60.4	71.2	82.9	94.8	105.9	117.0
132.5°	13.0	20.5	29.1	38.2	48.2	58.5	69.3	80.5	91.1	101.6	112.1
135°	12.3	19.5	27.9	36.9	46.3	56.4	66.5	76.7	86.9	97.2	106.9
137.5°	11.7	19.0	26.8	35.3	44.1	53.5	63.2	72.9	82.5	91.8	101.1
140°	10.7	17.9	25.1	33.1	41.9	50.6	59.6	68.5	77.3	86.2	95.0
142.5°	10.4	16.6	23.9	31.4	39.3	47.3	55.3	63.6	72.0	80.4	88.5
145°	10.0	14.9	21.9	28.9	35.9	43.5	51.1	58.8	66.5	74.4	82.2
147.5°	9.4	13.9	19.6	26.2	32.8	38.9	46.3	53.5	60.9	67.9	75.6
150°	8.5	12.9	17.4	23.3	29.2	35.2	41.2	48.1	55.0	61.7	68.2
152.5°	7.1	11.5	15.9	20.0	26.1	31.6	37.2	42.9	48.9	55.1	61.2
155°	5.9	9.9	13.9	17.9	22.0	27.2	32.6	38.0	43.3	48.6	54.0
157.5°	4.6	8.2	11.9	15.6	19.3	23.0	27.8	32.7	37.4	42.0	46.5
160°	4.6	6.6	10.0	13.4	16.8	20.2	23.6	27.2	31.3	35.5	39.6
162.5°	4.7	5.7	7.9	10.9	13.8	16.7	19.6	22.4	25.2	28.4	32.2
165°	4.6	5.5	6.4	7.9	10.4	12.9	15.5	18.0	20.6	23.1	25.7
167.5°	3.9	4.6	5.4	6.2	7.0	8.9	11.2	13.4	15.6	17.8	20.0
170°	3.5	4.1	4.8	5.6	6.3	7.0	7.7	8.3	10.3	12.0	13.7
172.5°	2.9	3.5	4.1	4.6	5.2	5.8	6.4	6.9	7.5	8.1	8.6
175°	2.1	2.6	3.0	3.4	3.8	4.2	4.6	5.0	5.4	5.8	6.2
177.5°	1.2	1.4	1.6	1.9	2.1	2.3	2.5	2.7	2.9	3.2	3.4
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232001

CATALOG NUMBER: FVS4WM-4-LD4-35-2HI-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°	3.5	3.7	3.9	4.1	4.3	4.4	4.6	4.8	4.9	5.0	5.2
5°	6.6	7.0	7.4	7.7	8.1	8.4	8.7	9.1	9.4	9.7	9.9
7.5°	9.2	9.6	11.2	12.4	13.5	14.5	15.6	16.6	17.5	18.4	19.3
10°	15.4	17.0	18.6	20.1	21.6	23.1	24.5	25.8	27.1	28.4	29.5
12.5°	22.0	24.0	25.9	27.8	29.6	31.3	33.4	35.5	37.6	39.5	41.4
15°	28.3	31.1	34.1	37.1	39.7	42.3	44.8	47.2	49.5	51.9	54.1
17.5°	35.8	39.3	42.7	46.2	49.5	52.8	55.9	58.7	61.6	64.4	67.2
20°	43.7	47.7	51.6	55.2	59.3	63.2	67.2	71.0	74.6	77.9	81.0
22.5°	51.1	56.0	60.9	65.6	70.0	74.3	78.5	82.7	86.9	91.0	94.5
25°	59.4	64.8	70.2	75.4	80.4	85.2	90.0	94.7	99.2	103.5	107.5
27.5°	67.2	73.2	79.2	85.0	90.6	96.1	101.5	106.8	111.8	116.6	120.7
30°	74.6	81.2	87.8	94.3	100.4	106.2	112.2	118.0	123.5	128.7	133.6
32.5°	82.6	89.4	96.2	103.3	110.2	116.6	122.7	128.7	134.7	140.4	145.9
35°	90.0	97.7	104.8	112.1	119.5	126.9	133.6	139.7	145.8	151.9	157.7
37.5°	97.0	105.1	112.9	120.7	128.5	136.1	143.6	150.4	156.6	163.2	169.7
40°	103.8	112.6	121.0	128.9	136.9	144.9	152.8	160.6	167.3	173.7	180.3
42.5°	110.3	119.4	128.4	137.3	145.4	153.6	161.5	169.5	177.2	184.1	190.9
45°	116.5	126.0	135.5	144.7	153.4	161.9	170.3	178.6	186.4	193.7	200.7
47.5°	122.3	132.1	141.8	151.9	161.1	169.7	178.4	186.5	194.7	202.9	210.5
50°	127.8	138.1	147.7	158.0	167.7	176.8	185.9	194.7	202.7	211.4	219.4
52.5°	133.3	143.7	153.9	164.2	174.2	183.6	193.0	202.1	210.6	219.5	228.4
55°	137.2	148.6	159.4	170.0	180.1	190.1	200.0	209.3	218.1	227.0	236.1
57.5°	141.1	152.9	164.3	175.5	185.9	196.0	206.0	215.6	224.9	234.3	243.6
60°	145.0	157.4	168.9	180.0	190.7	201.3	212.0	221.6	231.1	240.6	249.8
62.5°	148.5	160.8	172.7	184.4	195.3	206.0	216.9	227.0	236.8	246.7	255.9
65°	151.8	164.1	175.7	188.0	199.6	210.6	221.6	232.1	241.8	251.8	261.0
67.5°	154.3	166.3	178.2	190.9	203.2	214.3	225.4	236.5	246.7	256.8	265.9
70°	156.2	168.5	180.9	193.5	206.5	217.8	229.0	240.1	250.4	260.7	270.3
72.5°	158.5	171.1	183.5	195.6	208.4	220.3	232.2	243.6	254.0	264.4	274.1
75°	159.4	172.2	185.8	197.8	210.1	222.4	234.5	245.9	256.3	266.6	276.7
77.5°	159.7	173.0	186.1	199.0	211.7	224.1	236.6	248.0	258.5	268.7	279.0
80°	160.2	173.7	186.6	199.6	212.6	224.9	237.5	249.0	259.7	270.3	280.8
82.5°	160.1	173.9	187.4	200.3	213.0	225.7	238.4	249.9	260.8	271.3	281.9
85°	160.2	173.9	187.6	201.0	213.7	225.9	239.2	250.3	261.8	271.8	282.6
87.5°	160.2	174.1	187.6	201.0	213.7	225.9	239.2	250.3	261.8	271.8	282.6
90°	159.8	174.5	187.3	201.0	213.7	226.5	239.2	251.0	262.8	271.6	283.4
92.5°	160.2	174.1	187.6	201.3	213.9	226.1	239.4	250.6	262.3	271.7	282.9
95°	160.2	173.9	187.6	201.0	213.7	225.9	239.2	250.3	261.8	271.8	282.6
97.5°	160.1	173.9	187.4	200.3	213.0	225.7	238.4	249.9	260.8	271.3	281.9
100°	160.2	173.7	186.6	199.6	212.6	224.9	237.5	249.0	259.7	270.3	280.8
102.5°	159.7	173.0	186.1	199.0	211.7	224.1	236.6	248.0	258.5	268.7	279.0
105°	159.4	172.2	185.8	197.8	210.1	222.4	234.5	245.9	256.3	266.6	276.7
107.5°	158.5	171.1	183.5	195.6	208.4	220.3	232.2	243.6	254.0	264.4	274.1
110°	156.2	168.5	180.9	193.5	206.5	217.8	229.0	240.1	250.4	260.7	270.3



TEST NUMBER: P232001

CATALOG NUMBER: FVS4WM-4-LD4-35-2HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	154.3	166.3	178.2	190.9	203.2	214.3	225.4	236.5	246.7	256.8	265.9
115°	151.8	164.1	175.7	188.0	199.6	210.6	221.6	232.1	241.8	251.8	261.0
117.5°	148.5	160.8	172.7	184.4	195.3	206.0	216.9	227.0	236.8	246.7	255.9
120°	145.0	157.4	168.9	180.0	190.7	201.3	212.0	221.6	231.1	240.6	249.8
122.5°	141.1	152.9	164.3	175.5	185.9	196.0	206.0	215.6	224.9	234.3	243.6
125°	137.2	148.6	159.4	170.0	180.1	190.1	200.0	209.3	218.1	227.0	236.1
127.5°	133.3	143.7	153.9	164.2	174.2	183.6	193.0	202.1	210.6	219.5	228.4
130°	127.8	138.1	147.7	158.0	167.7	176.8	185.9	194.7	202.7	211.4	219.4
132.5°	122.3	132.1	141.8	151.9	161.1	169.7	178.4	186.5	194.7	202.9	210.5
135°	116.5	126.0	135.5	144.7	153.4	161.9	170.3	178.6	186.4	193.7	200.7
137.5°	110.3	119.4	128.4	137.3	145.4	153.6	161.5	169.5	177.2	184.1	190.9
140°	103.8	112.6	121.0	128.9	136.9	144.9	152.8	160.6	167.3	173.7	180.3
142.5°	97.0	105.1	112.9	120.7	128.5	136.1	143.6	150.4	156.6	163.2	169.7
145°	90.0	97.7	104.8	112.1	119.5	126.9	133.6	139.7	145.8	151.9	157.7
147.5°	82.6	89.4	96.2	103.3	110.2	116.6	122.7	128.7	134.7	140.4	145.9
150°	74.6	81.2	87.8	94.3	100.4	106.2	112.2	118.0	123.5	128.7	133.6
152.5°	67.2	73.2	79.2	85.0	90.6	96.1	101.5	106.8	111.8	116.6	120.7
155°	59.4	64.8	70.2	75.4	80.4	85.2	90.0	94.7	99.2	103.5	107.5
157.5°	51.1	56.0	60.9	65.6	70.0	74.3	78.5	82.7	86.9	91.0	94.5
160°	43.7	47.7	51.6	55.2	59.3	63.2	67.2	71.0	74.6	77.9	81.0
162.5°	35.8	39.3	42.7	46.2	49.5	52.8	55.9	58.7	61.6	64.4	67.2
165°	28.3	31.1	34.1	37.1	39.7	42.3	44.8	47.2	49.5	51.9	54.1
167.5°	22.0	24.0	25.9	27.8	29.6	31.3	33.4	35.5	37.6	39.5	41.4
170°	15.4	17.0	18.6	20.1	21.6	23.1	24.5	25.8	27.1	28.4	29.5
172.5°	9.2	9.6	11.2	12.4	13.5	14.5	15.6	16.6	17.5	18.4	19.3
175°	6.6	7.0	7.4	7.7	8.1	8.4	8.7	9.1	9.4	9.7	9.9
177.5°	3.5	3.7	3.9	4.1	4.3	4.4	4.6	4.8	4.9	5.0	5.2
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: P232001

CATALOG NUMBER: FVS4WM-4-LD4-35-2HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	5.3	5.4	5.5	5.6	5.7	5.7	5.8	5.8	5.9	5.9	6.4
5°	10.2	10.4	10.7	10.9	11.1	11.3	11.4	11.6	11.7	11.8	12.8
7.5°	20.1	20.9	21.5	22.2	22.9	23.4	23.9	24.3	24.7	25.0	26.6
10°	30.7	31.7	32.7	33.7	34.6	35.4	36.3	37.0	37.6	38.2	40.4
12.5°	43.1	44.7	46.1	47.4	48.6	49.8	51.1	52.1	53.1	53.9	56.6
15°	56.3	58.4	60.1	61.7	63.1	64.4	65.8	67.2	68.5	69.6	72.8
17.5°	69.9	72.4	74.7	76.8	78.6	80.2	81.8	83.5	85.0	86.3	90.1
20°	84.0	86.8	89.5	92.0	94.1	96.1	97.9	99.8	101.4	102.9	107.5
22.5°	97.9	101.1	104.0	106.9	109.4	111.7	113.6	115.7	117.8	119.6	124.9
25°	111.3	114.9	118.4	121.6	124.6	127.2	129.4	131.6	134.1	136.3	142.4
27.5°	124.7	128.7	132.6	136.1	139.4	142.3	144.7	146.9	149.6	152.0	158.6
30°	138.2	142.7	146.8	150.6	154.2	157.4	160.0	162.2	165.1	167.7	174.9
32.5°	151.1	156.0	160.5	164.5	168.2	171.6	174.4	176.7	179.9	182.9	190.4
35°	163.2	168.4	173.3	177.9	182.1	185.7	188.7	191.2	194.6	198.1	205.8
37.5°	175.3	180.7	185.7	190.4	195.0	198.5	201.7	204.2	207.8	211.8	220.0
40°	186.5	192.3	197.6	202.6	207.2	211.2	214.6	217.2	220.9	225.5	234.2
42.5°	197.3	203.4	209.0	214.3	219.2	223.4	226.7	229.6	233.5	238.3	247.4
45°	207.3	213.6	219.6	225.3	230.8	235.6	238.6	241.9	246.0	251.0	260.5
47.5°	217.4	223.8	229.9	235.8	241.5	246.8	249.8	253.1	257.1	262.3	272.3
50°	226.8	233.7	240.1	246.1	251.9	257.5	260.8	264.1	268.2	273.5	283.9
52.5°	235.9	243.0	249.5	255.6	261.4	266.9	270.8	274.3	278.3	283.8	295.4
55°	243.8	251.0	258.0	264.6	270.5	276.2	280.6	284.4	288.4	294.1	306.8
57.5°	251.6	258.9	266.0	272.4	278.5	284.2	288.9	292.6	296.7	303.0	315.7
60°	258.4	266.2	274.2	279.7	286.1	292.1	297.0	300.7	304.9	311.8	324.4
62.5°	264.8	272.9	280.5	286.6	293.0	299.0	303.9	308.1	312.5	319.2	332.6
65°	269.9	278.6	286.2	293.0	299.8	305.8	310.7	315.4	320.2	326.5	340.7
67.5°	274.9	283.7	291.4	298.3	305.0	311.4	316.8	321.1	325.5	332.4	345.9
70°	279.3	288.2	296.2	303.1	310.0	316.7	322.9	326.8	330.8	338.3	351.1
72.5°	283.0	292.0	300.2	307.3	314.3	321.2	326.9	331.2	335.1	342.7	356.2
75°	285.8	295.2	303.8	311.4	318.4	325.8	330.7	335.5	339.4	347.1	361.8
77.5°	288.0	297.5	306.3	314.2	320.8	328.3	333.6	338.4	342.3	350.1	364.7
80°	289.8	299.5	308.4	316.8	323.0	330.6	336.4	341.3	345.2	353.0	367.7
82.5°	291.1	300.9	310.1	317.9	324.7	332.0	337.8	342.7	346.7	355.0	369.6
85°	292.3	302.1	311.8	318.7	326.5	333.4	339.2	344.1	348.1	356.9	371.6
87.5°	292.3	302.5	311.9	319.1	326.5	333.9	339.7	344.6	348.6	356.9	372.1
90°	292.2	303.0	311.8	319.6	326.5	334.3	340.2	345.1	349.0	356.9	372.6
92.5°	292.3	302.5	311.9	319.1	326.5	333.9	339.7	344.6	348.6	356.9	372.1
95°	292.3	302.1	311.8	318.7	326.5	333.4	339.2	344.1	348.1	356.9	371.6
97.5°	291.1	300.9	310.1	317.9	324.7	332.0	337.8	342.7	346.7	355.0	369.6
100°	289.8	299.5	308.4	316.8	323.0	330.6	336.4	341.3	345.2	353.0	367.7
102.5°	288.0	297.5	306.3	314.2	320.8	328.3	333.6	338.4	342.3	350.1	364.7
105°	285.8	295.2	303.8	311.4	318.4	325.8	330.7	335.5	339.4	347.1	361.8
107.5°	283.0	292.0	300.2	307.3	314.3	321.2	326.9	331.2	335.1	342.7	356.2
110°	279.3	288.2	296.2	303.1	310.0	316.7	322.9	326.8	330.8	338.3	351.1



TEST NUMBER: P232001

CATALOG NUMBER: FVS4WM-4-LD4-35-2HI-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°	274.9	283.7	291.4	298.3	305.0	311.4	316.8	321.1	325.5	332.4	345.9
115°	269.9	278.6	286.2	293.0	299.8	305.8	310.7	315.4	320.2	326.5	340.7
117.5°	264.8	272.9	280.5	286.6	293.0	299.0	303.9	308.1	312.5	319.2	332.6
120°	258.4	266.2	274.2	279.7	286.1	292.1	297.0	300.7	304.9	311.8	324.4
122.5°	251.6	258.9	266.0	272.4	278.5	284.2	288.9	292.6	296.7	303.0	315.7
125°	243.8	251.0	258.0	264.6	270.5	276.2	280.6	284.4	288.4	294.1	306.8
127.5°	235.9	243.0	249.5	255.6	261.4	266.9	270.8	274.3	278.3	283.8	295.4
130°	226.8	233.7	240.1	246.1	251.9	257.5	260.8	264.1	268.2	273.5	283.9
132.5°	217.4	223.8	229.9	235.8	241.5	246.8	249.8	253.1	257.1	262.3	272.3
135°	207.3	213.6	219.6	225.3	230.8	235.6	238.6	241.9	246.0	251.0	260.5
137.5°	197.3	203.4	209.0	214.3	219.2	223.4	226.7	229.6	233.5	238.3	247.4
140°	186.5	192.3	197.6	202.6	207.2	211.2	214.6	217.2	220.9	225.5	234.2
142.5°	175.3	180.7	185.7	190.4	195.0	198.5	201.7	204.2	207.8	211.8	220.0
145°	163.2	168.4	173.3	177.9	182.1	185.7	188.7	191.2	194.6	198.1	205.8
147.5°	151.1	156.0	160.5	164.5	168.2	171.6	174.4	176.7	179.9	182.9	190.4
150°	138.2	142.7	146.8	150.6	154.2	157.4	160.0	162.2	165.1	167.7	174.9
152.5°	124.7	128.7	132.6	136.1	139.4	142.3	144.7	146.9	149.6	152.0	158.6
155°	111.3	114.9	118.4	121.6	124.6	127.2	129.4	131.6	134.1	136.3	142.4
157.5°	97.9	101.1	104.0	106.9	109.4	111.7	113.6	115.7	117.8	119.6	124.9
160°	84.0	86.8	89.5	92.0	94.1	96.1	97.9	99.8	101.4	102.9	107.5
162.5°	69.9	72.4	74.7	76.8	78.6	80.2	81.8	83.5	85.0	86.3	90.1
165°	56.3	58.4	60.1	61.7	63.1	64.4	65.8	67.2	68.5	69.6	72.8
167.5°	43.1	44.7	46.1	47.4	48.6	49.8	51.1	52.1	53.1	53.9	56.6
170°	30.7	31.7	32.7	33.7	34.6	35.4	36.3	37.0	37.6	38.2	40.4
172.5°	20.1	20.9	21.5	22.2	22.9	23.4	23.9	24.3	24.7	25.0	26.6
175°	10.2	10.4	10.7	10.9	11.1	11.3	11.4	11.6	11.7	11.8	12.8
177.5°	5.3	5.4	5.5	5.6	5.7	5.7	5.8	5.8	5.9	5.9	6.4
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232001

CATALOG NUMBER: FVS4WM-4-LD4-35-2HI-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°	6.9	7.4	7.9	8.3	8.7	9.2	9.6	9.9	10.3	10.7	11.0
5°	13.8	14.8	15.7	16.6	17.5	18.3	19.1	19.9	20.6	21.3	21.9
7.5°	28.0	29.4	30.8	32.0	33.1	34.1	35.5	38.2	40.9	43.5	45.9
10°	42.4	44.4	46.2	48.0	50.0	53.8	57.5	61.0	64.4	67.7	71.0
12.5°	59.1	61.5	63.8	66.9	71.9	76.6	81.1	85.3	90.5	96.7	102.7
15°	75.9	78.7	81.9	88.3	94.5	100.3	106.2	113.5	120.7	127.7	135.5
17.5°	93.8	97.3	103.4	110.9	118.0	125.4	134.2	142.5	150.3	159.8	170.0
20°	111.9	116.3	125.1	133.5	142.0	152.8	163.2	173.1	184.5	195.6	206.5
22.5°	130.0	136.8	146.6	156.1	167.5	179.4	191.1	204.4	216.9	229.1	242.7
25°	148.1	157.2	168.1	179.2	191.7	204.0	219.4	234.9	249.9	265.3	280.1
27.5°	165.0	175.8	187.3	200.8	215.2	230.8	248.6	266.2	284.0	300.9	317.0
30°	181.8	193.8	205.7	222.8	240.4	258.1	276.7	296.9	316.6	335.3	352.9
32.5°	198.4	211.6	226.0	244.7	263.9	284.2	305.3	327.6	349.5	370.3	389.9
35°	215.1	229.4	246.5	266.2	287.9	310.9	333.6	357.2	380.3	402.9	424.5
37.5°	230.7	246.0	265.6	286.9	311.2	335.6	360.7	385.7	411.8	434.6	458.3
40°	246.2	262.4	284.3	308.0	334.1	360.1	386.1	413.0	439.8	466.3	491.6
42.5°	260.5	277.6	302.0	327.9	355.2	383.1	411.3	440.4	469.4	497.1	523.4
45°	274.7	293.5	319.4	346.6	375.3	405.6	435.6	465.9	496.9	525.4	553.2
47.5°	287.6	308.3	335.2	364.2	395.5	428.0	458.9	491.0	522.5	553.9	581.0
50°	300.4	322.7	350.6	381.5	415.7	449.5	481.6	514.5	546.5	577.6	608.1
52.5°	313.0	336.5	365.1	397.1	433.5	468.6	502.8	536.7	569.9	602.4	634.3
55°	325.6	349.9	379.2	412.3	449.1	485.7	521.7	557.0	591.5	626.4	659.4
57.5°	335.9	361.4	391.5	426.0	464.3	502.8	540.1	576.2	613.0	649.6	683.6
60°	346.2	372.5	403.1	439.1	479.5	519.9	556.9	593.4	632.2	668.8	702.9
62.5°	353.8	381.6	414.4	452.2	493.2	533.7	572.2	609.9	650.6	685.8	721.4
65°	361.1	390.5	425.5	464.7	505.2	545.5	586.2	626.3	666.2	703.1	739.8
67.5°	367.7	398.0	434.8	474.6	515.7	557.4	599.3	640.5	680.4	720.8	756.7
70°	374.3	405.2	443.7	483.3	525.9	569.0	610.5	652.2	693.4	732.8	770.9
72.5°	379.5	411.6	450.9	490.9	534.3	577.7	619.9	663.3	704.5	744.5	783.7
75°	384.5	417.7	457.6	498.0	541.6	584.5	628.4	673.1	713.7	754.1	794.0
77.5°	388.0	421.9	461.7	502.9	547.0	590.4	635.0	680.1	720.9	762.3	803.5
80°	392.2	425.8	465.1	507.2	551.4	595.6	640.0	684.5	726.0	769.2	809.3
82.5°	394.6	429.9	470.0	510.8	556.1	599.9	644.1	689.7	731.3	774.9	813.6
85°	397.1	432.4	472.5	514.6	561.6	604.7	648.9	696.6	736.1	779.1	816.7
87.5°	397.6	432.4	472.1	516.7	562.3	605.4	650.5	695.8	737.9	780.6	819.1
90°	398.1	432.4	471.6	518.7	562.8	605.9	652.0	694.2	737.3	779.5	819.7
92.5°	397.6	432.4	472.1	516.7	562.3	605.4	650.5	695.8	737.9	780.6	819.1
95°	397.1	432.4	472.5	514.6	561.6	604.7	648.9	696.6	736.1	779.1	816.7
97.5°	394.6	429.9	470.0	510.8	556.1	599.9	644.1	689.7	731.3	774.9	813.6
100°	392.2	425.8	465.1	507.2	551.4	595.6	640.0	684.5	726.0	769.2	809.3
102.5°	388.0	421.9	461.7	502.9	547.0	590.4	635.0	680.1	720.9	762.3	803.5
105°	384.5	417.7	457.6	498.0	541.6	584.5	628.4	673.1	713.7	754.1	794.0
107.5°	379.5	411.6	450.9	490.9	534.3	577.7	619.9	663.3	704.5	744.5	783.7
110°	374.3	405.2	443.7	483.3	525.9	569.0	610.5	652.2	693.4	732.8	770.9



TEST NUMBER: P232001

CATALOG NUMBER: FVS4WM-4-LD4-35-2HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	367.7	398.0	434.8	474.6	515.7	557.4	599.3	640.5	680.4	720.8	756.7
115°	361.1	390.5	425.5	464.7	505.2	545.5	586.2	626.3	666.2	703.1	739.8
117.5°	353.8	381.6	414.4	452.2	493.2	533.7	572.2	609.9	650.6	685.8	721.4
120°	346.2	372.5	403.1	439.1	479.5	519.9	556.9	593.4	632.2	668.8	702.9
122.5°	335.9	361.4	391.5	426.0	464.3	502.8	540.1	576.2	613.0	649.6	683.6
125°	325.6	349.9	379.2	412.3	449.1	485.7	521.7	557.0	591.5	626.4	659.4
127.5°	313.0	336.5	365.1	397.1	433.5	468.6	502.8	536.7	569.9	602.4	634.3
130°	300.4	322.7	350.6	381.5	415.7	449.5	481.6	514.5	546.5	577.6	608.1
132.5°	287.6	308.3	335.2	364.2	395.5	428.0	458.9	491.0	522.5	553.9	581.0
135°	274.7	293.5	319.4	346.6	375.3	405.6	435.6	465.9	496.9	525.4	553.2
137.5°	260.5	277.6	302.0	327.9	355.2	383.1	411.3	440.4	469.4	497.1	523.4
140°	246.2	262.4	284.3	308.0	334.1	360.1	386.1	413.0	439.8	466.3	491.6
142.5°	230.7	246.0	265.6	286.9	311.2	335.6	360.7	385.7	411.8	434.6	458.3
145°	215.1	229.4	246.5	266.2	287.9	310.9	333.6	357.2	380.3	402.9	424.5
147.5°	198.4	211.6	226.0	244.7	263.9	284.2	305.3	327.6	349.5	370.3	389.9
150°	181.8	193.8	205.7	222.8	240.4	258.1	276.7	296.9	316.6	335.3	352.9
152.5°	165.0	175.8	187.3	200.8	215.2	230.8	248.6	266.2	284.0	300.9	317.0
155°	148.1	157.2	168.1	179.2	191.7	204.0	219.4	234.9	249.9	265.3	280.1
157.5°	130.0	136.8	146.6	156.1	167.5	179.4	191.1	204.4	216.9	229.1	242.7
160°	111.9	116.3	125.1	133.5	142.0	152.8	163.2	173.1	184.5	195.6	206.5
162.5°	93.8	97.3	103.4	110.9	118.0	125.4	134.2	142.5	150.3	159.8	170.0
165°	75.9	78.7	81.9	88.3	94.5	100.3	106.2	113.5	120.7	127.7	135.5
167.5°	59.1	61.5	63.8	66.9	71.9	76.6	81.1	85.3	90.5	96.7	102.7
170°	42.4	44.4	46.2	48.0	50.0	53.8	57.5	61.0	64.4	67.7	71.0
172.5°	28.0	29.4	30.8	32.0	33.1	34.1	35.5	38.2	40.9	43.5	45.9
175°	13.8	14.8	15.7	16.6	17.5	18.3	19.1	19.9	20.6	21.3	21.9
177.5°	6.9	7.4	7.9	8.3	8.7	9.2	9.6	9.9	10.3	10.7	11.0
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: P232001

CATALOG NUMBER: FVS4WM-4-LD4-35-2HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	11.3	11.6	11.8	12.1	12.3	12.5	12.7	12.8	12.9	13.0	13.1
5°	23.8	25.7	27.4	29.1	30.6	32.1	33.5	34.8	35.9	37.0	38.0
7.5°	48.3	50.5	52.5	54.5	56.5	58.9	60.7	63.5	65.9	68.2	70.3
10°	75.6	80.1	84.4	88.3	91.9	95.2	98.2	101.1	104.1	106.9	109.4
12.5°	108.6	114.2	119.6	124.6	129.4	134.0	138.4	142.6	146.5	150.6	154.6
15°	142.4	149.9	156.7	162.9	168.5	174.8	180.6	186.5	192.4	197.7	202.6
17.5°	179.9	190.4	197.8	206.0	213.8	221.1	228.4	235.4	241.8	247.7	253.3
20°	217.9	228.8	239.0	248.9	258.7	268.2	276.9	284.8	291.7	298.1	303.8
22.5°	255.8	268.5	281.5	293.7	305.4	314.5	323.1	331.0	339.3	347.5	354.6
25°	295.1	310.2	327.1	337.9	349.2	359.7	370.8	381.2	390.8	399.1	406.5
27.5°	333.0	349.0	364.7	379.2	393.9	407.8	422.5	431.0	440.6	449.4	457.1
30°	370.3	388.0	405.5	423.5	440.1	453.8	466.2	478.0	488.7	498.2	507.7
32.5°	408.8	428.2	448.3	467.2	482.4	496.5	510.4	523.5	535.5	545.5	554.5
35°	445.9	467.9	488.0	505.2	522.0	538.7	554.1	568.9	581.9	592.7	602.1
37.5°	481.9	504.3	524.1	543.3	562.7	580.3	596.7	612.7	626.3	639.3	647.6
40°	516.1	538.9	560.7	582.0	601.6	619.1	636.4	653.2	668.0	680.9	691.8
42.5°	548.5	572.7	596.2	618.5	639.5	658.0	676.3	693.8	711.4	722.0	733.5
45°	579.9	605.0	629.5	653.5	674.8	694.4	713.6	731.7	746.9	760.3	772.1
47.5°	609.0	635.9	662.0	686.4	708.3	729.7	749.4	766.7	783.1	797.4	809.8
50°	637.8	665.8	692.7	717.5	741.3	763.9	782.8	801.4	820.5	833.2	846.6
52.5°	665.2	694.0	721.5	748.0	774.0	795.5	815.6	836.1	851.8	866.5	880.2
55°	690.9	720.4	749.9	775.9	802.0	826.9	846.3	865.4	882.9	897.2	911.9
57.5°	714.6	744.9	774.2	802.9	828.7	852.3	874.0	894.4	911.9	927.1	941.9
60°	736.9	768.4	798.4	826.5	852.9	877.7	900.7	920.9	938.9	954.7	969.9
62.5°	756.4	788.9	819.9	848.6	876.4	901.6	924.5	945.5	963.8	981.2	996.4
65°	774.7	807.8	839.1	868.5	896.6	923.1	946.0	967.8	987.8	1006.1	1021.2
67.5°	791.5	824.6	856.8	886.8	915.1	941.8	966.3	989.2	1010.1	1027.2	1043.5
70°	806.1	840.3	873.5	904.1	933.1	959.5	984.4	1007.5	1027.8	1045.9	1064.7
72.5°	819.2	854.4	886.9	918.6	947.8	975.9	1000.2	1023.2	1043.9	1063.8	1081.4
75°	831.0	865.5	898.6	930.5	959.3	987.4	1013.7	1036.9	1058.6	1079.4	1096.0
77.5°	840.7	874.8	908.3	940.1	969.8	998.1	1024.3	1048.1	1070.0	1090.2	1107.8
80°	847.5	881.7	916.0	948.4	978.7	1006.6	1032.4	1057.5	1080.3	1099.7	1117.3
82.5°	852.9	886.9	922.2	955.3	985.7	1013.0	1038.3	1063.4	1086.4	1106.3	1124.1
85°	855.7	890.6	925.9	957.8	987.6	1016.7	1042.3	1066.7	1089.6	1110.2	1128.2
87.5°	857.1	893.2	928.5	959.9	990.2	1019.7	1045.4	1068.7	1092.0	1112.7	1131.5
90°	855.9	893.2	928.5	959.9	992.2	1019.7	1046.1	1068.7	1091.2	1111.8	1132.4
92.5°	857.1	893.2	928.5	959.9	990.2	1019.7	1045.4	1068.7	1092.0	1112.7	1131.5
95°	855.7	890.6	925.9	957.8	987.6	1016.7	1042.3	1066.7	1089.6	1110.2	1128.2
97.5°	852.9	886.9	922.2	955.3	985.7	1013.0	1038.3	1063.4	1086.4	1106.3	1124.1
100°	847.5	881.7	916.0	948.4	978.7	1006.6	1032.4	1057.5	1080.3	1099.7	1117.3
102.5°	840.7	874.8	908.3	940.1	969.8	998.1	1024.3	1048.1	1070.0	1090.2	1107.8
105°	831.0	865.5	898.6	930.5	959.3	987.4	1013.7	1036.9	1058.6	1079.4	1096.0
107.5°	819.2	854.4	886.9	918.6	947.8	975.9	1000.2	1023.2	1043.9	1063.8	1081.4
110°	806.1	840.3	873.5	904.1	933.1	959.5	984.4	1007.5	1027.8	1045.9	1064.7



TEST NUMBER: P232001

CATALOG NUMBER: FVS4WM-4-LD4-35-2HI-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°	791.5	824.6	856.8	886.8	915.1	941.8	966.3	989.2	1010.1	1027.2	1043.5
115°	774.7	807.8	839.1	868.5	896.6	923.1	946.0	967.8	987.8	1006.1	1021.2
117.5°	756.4	788.9	819.9	848.6	876.4	901.6	924.5	945.5	963.8	981.2	996.4
120°	736.9	768.4	798.4	826.5	852.9	877.7	900.7	920.9	938.9	954.7	969.9
122.5°	714.6	744.9	774.2	802.9	828.7	852.3	874.0	894.4	911.9	927.1	941.9
125°	690.9	720.4	749.9	775.9	802.0	826.9	846.3	865.4	882.9	897.2	911.9
127.5°	665.2	694.0	721.5	748.0	774.0	795.5	815.6	836.1	851.8	866.5	880.2
130°	637.8	665.8	692.7	717.5	741.3	763.9	782.8	801.4	820.5	833.2	846.6
132.5°	609.0	635.9	662.0	686.4	708.3	729.7	749.4	766.7	783.1	797.4	809.8
135°	579.9	605.0	629.5	653.5	674.8	694.4	713.6	731.7	746.9	760.3	772.1
137.5°	548.5	572.7	596.2	618.5	639.5	658.0	676.3	693.8	711.4	722.0	733.5
140°	516.1	538.9	560.7	582.0	601.6	619.1	636.4	653.2	668.0	680.9	691.8
142.5°	481.9	504.3	524.1	543.3	562.7	580.3	596.7	612.7	626.3	639.3	647.6
145°	445.9	467.9	488.0	505.2	522.0	538.7	554.1	568.9	581.9	592.7	602.1
147.5°	408.8	428.2	448.3	467.2	482.4	496.5	510.4	523.5	535.5	545.5	554.5
150°	370.3	388.0	405.5	423.5	440.1	453.8	466.2	478.0	488.7	498.2	507.7
152.5°	333.0	349.0	364.7	379.2	393.9	407.8	422.5	431.0	440.6	449.4	457.1
155°	295.1	310.2	327.1	337.9	349.2	359.7	370.8	381.2	390.8	399.1	406.5
157.5°	255.8	268.5	281.5	293.7	305.4	314.5	323.1	331.0	339.3	347.5	354.6
160°	217.9	228.8	239.0	248.9	258.7	268.2	276.9	284.8	291.7	298.1	303.8
162.5°	179.9	190.4	197.8	206.0	213.8	221.1	228.4	235.4	241.8	247.7	253.3
165°	142.4	149.9	156.7	162.9	168.5	174.8	180.6	186.5	192.4	197.7	202.6
167.5°	108.6	114.2	119.6	124.6	129.4	134.0	138.4	142.6	146.5	150.6	154.6
170°	75.6	80.1	84.4	88.3	91.9	95.2	98.2	101.1	104.1	106.9	109.4
172.5°	48.3	50.5	52.5	54.5	56.5	58.9	60.7	63.5	65.9	68.2	70.3
175°	23.8	25.7	27.4	29.1	30.6	32.1	33.5	34.8	35.9	37.0	38.0
177.5°	11.3	11.6	11.8	12.1	12.3	12.5	12.7	12.8	12.9	13.0	13.1
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: P232001

CATALOG NUMBER: FVS4WM-4-LD4-35-2HI-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°	13.1	13.2	13.2	13.1	13.1	13.0	13.3	13.1	12.8	12.6	12.3
5°	38.8	39.5	40.2	40.7	41.1	41.4	41.5	41.6	42.4	41.9	41.3
7.5°	72.1	73.8	75.3	76.6	77.6	78.5	79.1	79.5	79.8	80.7	80.0
10°	111.4	114.6	117.5	120.1	122.3	124.3	125.9	127.2	128.2	130.5	129.8
12.5°	158.1	161.1	163.6	166.0	168.6	170.7	172.2	173.1	173.6	173.5	173.9
15°	207.1	211.0	214.2	216.7	218.6	220.9	223.4	225.3	226.8	227.6	229.1
17.5°	258.4	262.8	266.6	269.8	272.3	274.2	276.2	278.6	280.3	281.2	282.8
20°	309.0	314.0	318.5	322.2	325.1	327.2	328.5	330.1	332.0	333.1	335.0
22.5°	360.6	365.5	369.6	374.2	377.8	380.4	382.1	382.8	384.6	385.8	387.8
25°	413.1	418.8	423.7	427.4	431.1	433.8	435.3	435.8	436.3	438.5	439.8
27.5°	463.9	470.2	475.7	479.9	482.2	484.9	486.3	486.7	486.0	487.5	488.2
30°	513.3	518.8	524.2	528.5	531.7	533.9	536.1	537.2	537.1	537.3	537.9
32.5°	561.8	567.8	572.1	577.4	581.3	583.8	585.5	586.6	586.2	585.0	586.4
35°	610.3	616.7	622.1	626.7	630.8	633.1	634.2	634.4	633.1	630.2	631.4
37.5°	656.2	663.5	669.9	674.3	677.2	679.6	680.1	679.2	678.2	676.3	676.5
40°	701.2	710.1	716.6	720.4	723.1	724.4	724.3	723.1	722.2	719.7	718.5
42.5°	743.6	752.2	759.1	762.9	765.5	767.4	768.0	767.3	766.0	764.1	762.1
45°	783.2	793.2	799.5	803.8	807.5	811.2	809.6	808.8	806.3	804.3	800.7
47.5°	821.9	832.8	839.7	844.7	847.7	849.3	849.7	849.0	847.0	844.6	840.8
50°	862.2	873.6	877.8	882.9	886.2	888.0	888.9	887.3	884.3	881.5	880.8
52.5°	894.6	904.5	912.0	918.9	923.4	925.1	925.2	922.8	920.3	917.8	918.5
55°	925.5	935.2	944.2	952.0	957.5	960.1	960.4	958.1	955.1	951.8	950.5
57.5°	954.5	964.4	973.4	983.1	990.6	993.2	993.5	991.5	988.5	984.7	982.0
60°	982.8	993.4	1002.7	1012.4	1020.2	1023.8	1025.2	1022.0	1019.2	1015.2	1012.0
62.5°	1009.5	1020.2	1030.0	1040.4	1046.0	1050.7	1053.0	1051.3	1047.5	1043.0	1039.5
65°	1034.8	1045.6	1055.2	1062.8	1069.6	1075.4	1078.5	1077.0	1074.7	1069.4	1065.2
67.5°	1058.6	1069.3	1078.1	1085.8	1093.0	1097.2	1101.3	1102.3	1099.6	1093.9	1089.8
70°	1078.3	1090.1	1099.5	1107.1	1112.7	1116.9	1120.6	1123.2	1120.3	1115.4	1110.7
72.5°	1095.9	1109.0	1118.2	1125.9	1130.6	1133.7	1137.5	1139.9	1139.7	1135.4	1128.9
75°	1111.2	1124.3	1134.1	1142.7	1147.4	1149.2	1150.3	1152.5	1154.5	1152.6	1146.2
77.5°	1123.4	1136.5	1147.3	1155.8	1161.3	1164.0	1163.8	1163.1	1164.4	1165.5	1161.0
80°	1133.3	1146.2	1157.3	1166.7	1172.0	1176.1	1177.0	1174.1	1170.7	1173.6	1173.0
82.5°	1140.0	1153.8	1164.4	1172.8	1179.2	1183.1	1184.9	1184.3	1180.3	1174.9	1179.3
85°	1144.6	1157.7	1168.9	1177.2	1183.1	1186.8	1188.0	1187.9	1186.5	1182.5	1176.7
87.5°	1147.1	1159.4	1170.4	1178.4	1184.5	1186.9	1189.0	1188.7	1186.6	1183.0	1180.4
90°	1146.2	1158.9	1168.7	1177.5	1183.4	1185.4	1186.4	1185.4	1182.4	1178.5	1172.6
92.5°	1147.1	1159.4	1170.4	1178.4	1184.5	1186.9	1189.0	1188.7	1186.6	1183.0	1180.4
95°	1144.6	1157.7	1168.9	1177.2	1183.1	1186.8	1188.0	1187.9	1186.5	1182.5	1176.7
97.5°	1140.0	1153.8	1164.4	1172.8	1179.2	1183.1	1184.9	1184.3	1180.3	1174.9	1179.3
100°	1133.3	1146.2	1157.3	1166.7	1172.0	1176.1	1177.0	1174.1	1170.7	1173.6	1173.0
102.5°	1123.4	1136.5	1147.3	1155.8	1161.3	1164.0	1163.8	1163.1	1164.4	1165.5	1161.0
105°	1111.2	1124.3	1134.1	1142.7	1147.4	1149.2	1150.3	1152.5	1154.5	1152.6	1146.2
107.5°	1095.9	1109.0	1118.2	1125.9	1130.6	1133.7	1137.5	1139.9	1139.7	1135.4	1128.9
110°	1078.3	1090.1	1099.5	1107.1	1112.7	1116.9	1120.6	1123.2	1120.3	1115.4	1110.7



TEST NUMBER: P232001

CATALOG NUMBER: FVS4WM-4-LD4-35-2HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	1058.6	1069.3	1078.1	1085.8	1093.0	1097.2	1101.3	1102.3	1099.6	1093.9	1089.8
115°	1034.8	1045.6	1055.2	1062.8	1069.6	1075.4	1078.5	1077.0	1074.7	1069.4	1065.2
117.5°	1009.5	1020.2	1030.0	1040.4	1046.0	1050.7	1053.0	1051.3	1047.5	1043.0	1039.5
120°	982.8	993.4	1002.7	1012.4	1020.2	1023.8	1025.2	1022.0	1019.2	1015.2	1012.0
122.5°	954.5	964.4	973.4	983.1	990.6	993.2	993.5	991.5	988.5	984.7	982.0
125°	925.5	935.2	944.2	952.0	957.5	960.1	960.4	958.1	955.1	951.8	950.5
127.5°	894.6	904.5	912.0	918.9	923.4	925.1	925.2	922.8	920.3	917.8	918.5
130°	862.2	873.6	877.8	882.9	886.2	888.0	888.9	887.3	884.3	881.5	880.8
132.5°	821.9	832.8	839.7	844.7	847.7	849.3	849.7	849.0	847.0	844.6	840.8
135°	783.2	793.2	799.5	803.8	807.5	811.2	809.6	808.8	806.3	804.3	800.7
137.5°	743.6	752.2	759.1	762.9	765.5	767.4	768.0	767.3	766.0	764.1	762.1
140°	701.2	710.1	716.6	720.4	723.1	724.4	724.3	723.1	722.2	719.7	718.5
142.5°	656.2	663.5	669.9	674.3	677.2	679.6	680.1	679.2	678.2	676.3	676.5
145°	610.3	616.7	622.1	626.7	630.8	633.1	634.2	634.4	633.1	630.2	631.4
147.5°	561.8	567.8	572.1	577.4	581.3	583.8	585.5	586.6	586.2	585.0	586.4
150°	513.3	518.8	524.2	528.5	531.7	533.9	536.1	537.2	537.1	537.3	537.9
152.5°	463.9	470.2	475.7	479.9	482.2	484.9	486.3	486.7	486.0	487.5	488.2
155°	413.1	418.8	423.7	427.4	431.1	433.8	435.3	435.8	436.3	438.5	439.8
157.5°	360.6	365.5	369.6	374.2	377.8	380.4	382.1	382.8	384.6	385.8	387.8
160°	309.0	314.0	318.5	322.2	325.1	327.2	328.5	330.1	332.0	333.1	335.0
162.5°	258.4	262.8	266.6	269.8	272.3	274.2	276.2	278.6	280.3	281.2	282.8
165°	207.1	211.0	214.2	216.7	218.6	220.9	223.4	225.3	226.8	227.6	229.1
167.5°	158.1	161.1	163.6	166.0	168.6	170.7	172.2	173.1	173.6	173.5	173.9
170°	111.4	114.6	117.5	120.1	122.3	124.3	125.9	127.2	128.2	130.5	129.8
172.5°	72.1	73.8	75.3	76.6	77.6	78.5	79.1	79.5	79.8	80.7	80.0
175°	38.8	39.5	40.2	40.7	41.1	41.4	41.5	41.6	42.4	41.9	41.3
177.5°	13.1	13.2	13.2	13.1	13.1	13.0	13.3	13.1	12.8	12.6	12.3
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232001

CATALOG NUMBER: FVS4WM-4-LD4-35-2HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	0.0	0.0
2.5°	12.1	11.8
5°	40.8	40.2
7.5°	79.2	78.4
10°	129.1	128.4
12.5°	172.2	170.6
15°	227.8	226.5
17.5°	281.1	279.4
20°	333.2	331.4
22.5°	385.6	383.4
25°	440.6	439.2
27.5°	488.4	486.3
30°	537.9	535.3
32.5°	587.2	585.3
35°	632.8	631.4
37.5°	678.0	676.5
40°	721.6	721.6
42.5°	765.2	764.8
45°	805.5	806.9
47.5°	843.7	844.2
50°	882.6	881.4
52.5°	919.2	916.7
55°	951.3	952.0
57.5°	983.0	985.4
60°	1012.9	1013.8
62.5°	1041.1	1044.2
65°	1068.4	1066.7
67.5°	1091.0	1092.2
70°	1111.8	1113.8
72.5°	1130.0	1131.4
75°	1146.1	1149.1
77.5°	1158.9	1163.8
80°	1169.7	1175.6
82.5°	1179.4	1184.4
85°	1186.2	1191.3
87.5°	1178.1	1195.2
90°	1171.6	1183.4
92.5°	1178.1	1195.2
95°	1186.2	1191.3
97.5°	1179.4	1184.4
100°	1169.7	1175.6
102.5°	1158.9	1163.8
105°	1146.1	1149.1
107.5°	1130.0	1131.4
110°	1111.8	1113.8



TEST NUMBER: P232001

CATALOG NUMBER: FVS4WM-4-LD4-35-2HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	1091.0	1092.2
115°	1068.4	1066.7
117.5°	1041.1	1044.2
120°	1012.9	1013.8
122.5°	983.0	985.4
125°	951.3	952.0
127.5°	919.2	916.7
130°	882.6	881.4
132.5°	843.7	844.2
135°	805.5	806.9
137.5°	765.2	764.8
140°	721.6	721.6
142.5°	678.0	676.5
145°	632.8	631.4
147.5°	587.2	585.3
150°	537.9	535.3
152.5°	488.4	486.3
155°	440.6	439.2
157.5°	385.6	383.4
160°	333.2	331.4
162.5°	281.1	279.4
165°	227.8	226.5
167.5°	172.2	170.6
170°	129.1	128.4
172.5°	79.2	78.4
175°	40.8	40.2
177.5°	12.1	11.8
180°	0.0	0.0

(END OF REPORT)