

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: P232002

Luminaire Tested: **FVS4WM-4-LD4-40-2HI-PFS125-UNV-EDC1**

Issue Date: 3/3/2020



Test Information

Test Method: LM-79-08
Report Number: P232002
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-LD4-40-2HI-PFS125-UNV-EDC1
Description: FAILSAFE FVS LED FIXTURE
4FT LENGTH, 2-MODULE LED WITH PFS125 LENS
Light Source: (168) 4000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

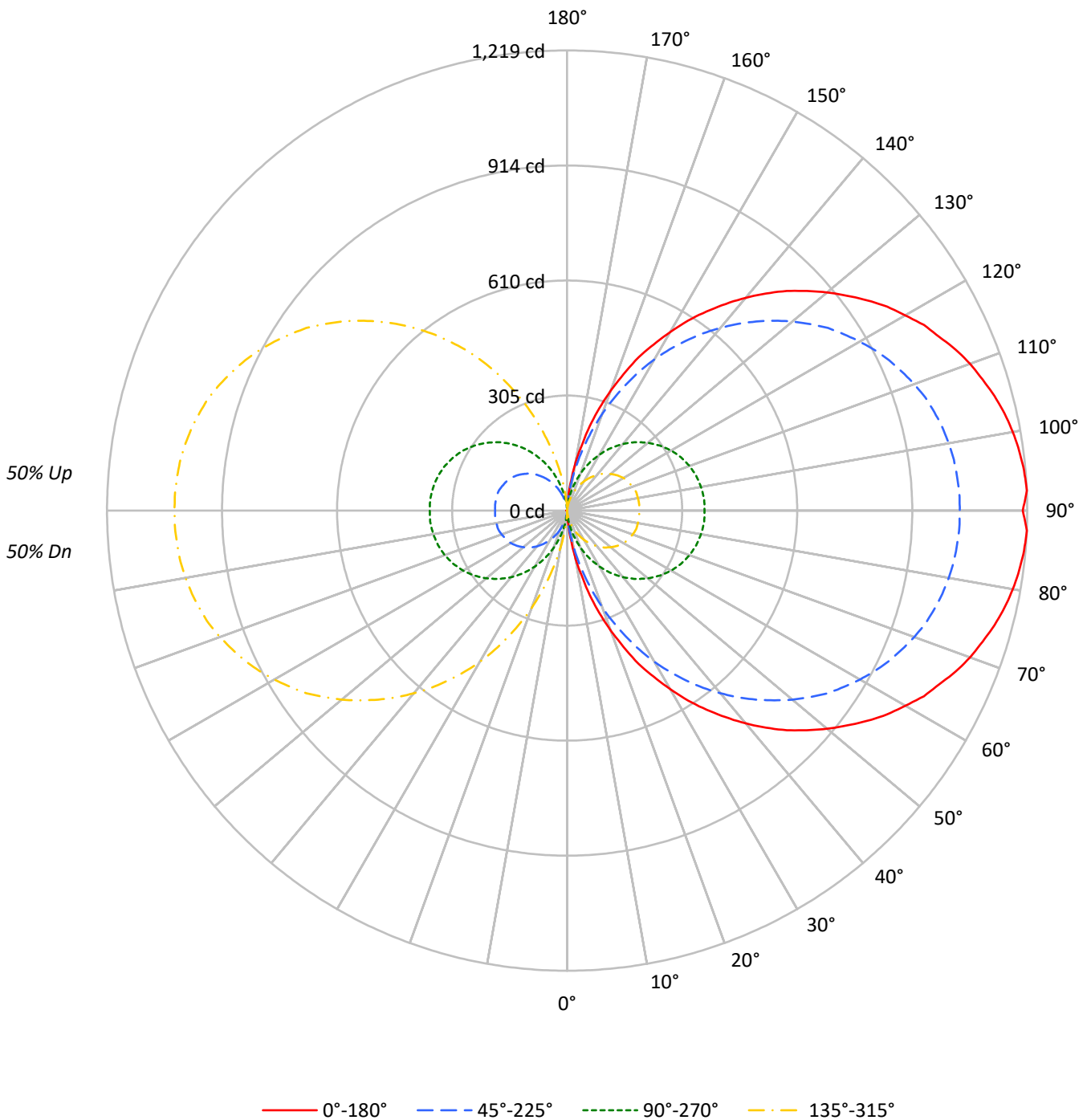
Lumens per Lamp: N/A
Luminaire Lumens: 5408.1 lumens
Efficiency: N/A
Efficacy: 60.6 lumens/watt
Spacing Criteria (0/90/45): - / - / -
Luminous Opening: Rectangular w/ Sides (W: 3.79' x L: 0.19' x H: 0.31')
CIE Type: General Diffuse

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	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°	544	181	0	181
10°	1557	591	0	591
15°	2503	1089	0	1089
20°	3390	1643	0	1643
25°	4211	2236	0	2236
30°	4865	2854	0	2854
35°	5493	3530	0	3530
40°	6065	4252	0	4252
45°	6608	5064	0	5064
50°	7091	5984	8	5984
55°	7583	7085	8	7085
60°	8056	8426	8	8426
65°	8522	10138	8	10138
70°	9014	12453	8	12453
75°	9497	15837	8	15837
80°	10003	21390	0	21390
85°	10528	32560	0	32560



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3.0	0.1
10°-20°	30.3	0.6
20°-30°	94.7	1.8
30°-40°	188.3	3.5
40°-50°	297.3	5.5
50°-60°	407.0	7.5
60°-70°	503.0	9.3
70°-80°	573.0	10.6
80°-90°	607.5	11.2
90°-100°	607.5	11.2
100°-110°	573.0	10.6
110°-120°	503.0	9.3
120°-130°	407.0	7.5
130°-140°	297.3	5.5
140°-150°	188.3	3.5
150°-160°	94.7	1.8
160°-170°	30.3	0.6
170°-180°	3.0	0.1
0°-30°	127.9	2.4
0°-40°	316.2	5.8
0°-60°	1020.6	18.9
0°-90°	2704.0	50.0
90°-120°	1683.5	31.1
90°-150°	2576.1	47.6
90°-180°	2704.0	50.0
0°-180°	5408.1	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	0	0	0	0	0	
5°	41	12	0	12	41	7
15°	231	71	0	71	231	69
25°	448	139	0	139	448	208
35°	644	202	0	202	644	406
45°	823	256	0	256	823	637
55°	971	300	1	300	971	871
65°	1088	333	1	333	1088	1081
75°	1172	354	1	354	1172	1238
85°	1215	364	0	364	1215	989
90°	1207	364	0	364	1207	665
95°	1215	364	0	364	1215	989
105°	1172	354	1	354	1172	1238
115°	1088	333	1	333	1088	1081
125°	971	300	1	300	971	871
135°	823	256	0	256	823	637
145°	644	202	0	202	644	406
155°	448	139	0	139	448	208
165°	231	71	0	71	231	69
175°	41	12	0	12	41	7
180°	0	0	0	0	0	



TEST NUMBER: P232002

CATALOG NUMBER: FVS4WM-4-LD4-40-2HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	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	12.3	12.5	12.8	13.0	13.3	13.6	13.2	13.3	13.4	13.4
5°	41.0	41.6	42.1	42.7	43.3	42.4	42.4	42.2	41.9	41.5	41.0
7.5°	80.0	80.8	81.6	82.4	81.4	81.2	80.7	80.1	79.2	78.1	76.8
10°	131.0	131.7	132.4	133.1	130.8	129.8	128.4	126.8	124.8	122.5	119.8
12.5°	174.0	175.7	177.3	177.0	177.1	176.6	175.6	174.1	172.0	169.3	166.9
15°	231.0	232.3	233.7	232.1	231.3	229.8	227.9	225.3	223.0	221.0	218.4
17.5°	285.0	286.7	288.5	286.8	285.9	284.2	281.8	279.6	277.7	275.1	271.9
20°	338.0	339.8	341.6	339.7	338.6	336.7	335.0	333.7	331.6	328.6	324.8
22.5°	391.0	393.3	395.5	393.5	392.3	390.4	389.7	388.0	385.3	381.7	377.0
25°	448.0	449.4	448.6	447.3	445.1	444.5	444.0	442.4	439.7	435.9	432.1
27.5°	496.0	498.1	497.9	497.2	495.7	496.4	496.0	494.6	491.7	489.4	485.1
30°	546.0	548.6	548.6	548.0	547.7	547.8	546.8	544.6	542.3	539.0	534.7
32.5°	597.0	598.9	598.1	596.7	597.8	598.2	597.2	595.4	592.8	588.9	583.5
35°	644.0	645.4	644.0	642.8	645.8	647.1	646.8	645.7	643.4	639.2	634.5
37.5°	690.0	691.5	690.0	689.8	691.8	692.7	693.6	693.2	690.7	687.8	683.2
40°	736.0	736.0	732.9	734.0	736.6	737.5	738.7	738.8	737.5	734.8	730.9
42.5°	780.0	780.5	777.3	779.3	781.2	782.7	783.3	782.7	780.8	778.2	774.3
45°	823.0	821.5	816.6	820.3	822.4	824.9	825.8	827.3	823.6	819.8	815.4
47.5°	861.0	860.5	857.6	861.4	863.8	865.9	866.6	866.2	864.6	861.5	856.4
50°	899.0	900.2	898.4	899.1	901.9	904.9	906.6	905.7	903.8	900.5	895.2
52.5°	935.0	937.6	936.8	936.1	938.7	941.2	943.6	943.5	941.8	937.1	930.1
55°	971.1	970.4	969.5	970.9	974.2	977.3	979.6	979.3	976.7	971.0	963.0
57.5°	1005.1	1002.7	1001.7	1004.4	1008.3	1011.4	1013.4	1013.1	1010.4	1002.8	992.9
60°	1034.1	1033.2	1032.2	1035.5	1039.6	1042.5	1045.8	1044.3	1040.6	1032.7	1022.8
62.5°	1065.1	1061.9	1060.4	1063.8	1068.5	1072.3	1074.1	1071.7	1067.0	1061.3	1050.7
65°	1088.1	1089.7	1086.5	1090.8	1096.3	1098.6	1100.1	1097.0	1091.1	1084.1	1076.4
67.5°	1114.1	1112.9	1111.6	1115.8	1121.6	1124.4	1123.3	1119.2	1114.9	1107.6	1099.7
70°	1136.1	1134.1	1133.0	1137.7	1142.7	1145.7	1143.0	1139.3	1135.0	1129.3	1121.5
72.5°	1154.1	1152.6	1151.5	1158.1	1162.5	1162.7	1160.2	1156.4	1153.3	1148.5	1140.6
75°	1172.1	1169.0	1169.2	1175.7	1177.6	1175.6	1173.3	1172.2	1170.4	1165.6	1156.8
77.5°	1187.1	1182.1	1184.2	1188.8	1187.7	1186.3	1187.1	1187.3	1184.5	1179.0	1170.3
80°	1199.1	1193.0	1196.5	1197.1	1194.1	1197.6	1200.6	1199.6	1195.5	1190.0	1180.5
82.5°	1208.1	1203.0	1202.9	1198.4	1203.9	1208.0	1208.7	1206.7	1202.8	1196.3	1187.7
85°	1215.1	1210.0	1200.3	1206.2	1210.2	1211.7	1211.8	1210.6	1206.8	1200.7	1192.3
87.5°	1219.1	1201.7	1204.1	1206.7	1210.3	1212.5	1212.8	1210.6	1208.2	1202.0	1193.8
90°	1207.1	1195.1	1196.1	1202.1	1206.1	1209.1	1210.1	1209.1	1207.1	1201.1	1192.1
92.5°	1219.1	1201.7	1204.1	1206.7	1210.3	1212.5	1212.8	1210.6	1208.2	1202.0	1193.8
95°	1215.1	1210.0	1200.3	1206.2	1210.2	1211.7	1211.8	1210.6	1206.8	1200.7	1192.3
97.5°	1208.1	1203.0	1202.9	1198.4	1203.9	1208.0	1208.7	1206.7	1202.8	1196.3	1187.7
100°	1199.1	1193.0	1196.5	1197.1	1194.1	1197.6	1200.6	1199.6	1195.5	1190.0	1180.5
102.5°	1187.1	1182.1	1184.2	1188.8	1187.7	1186.3	1187.1	1187.3	1184.5	1179.0	1170.3
105°	1172.1	1169.0	1169.2	1175.7	1177.6	1175.6	1173.3	1172.2	1170.4	1165.6	1156.8
107.5°	1154.1	1152.6	1151.5	1158.1	1162.5	1162.7	1160.2	1156.4	1153.3	1148.5	1140.6
110°	1136.1	1134.1	1133.0	1137.7	1142.7	1145.7	1143.0	1139.3	1135.0	1129.3	1121.5



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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°	1114.1	1112.9	1111.6	1115.8	1121.6	1124.4	1123.3	1119.2	1114.9	1107.6	1099.7
115°	1088.1	1089.7	1086.5	1090.8	1096.3	1098.6	1100.1	1097.0	1091.1	1084.1	1076.4
117.5°	1065.1	1061.9	1060.4	1063.8	1068.5	1072.3	1074.1	1071.7	1067.0	1061.3	1050.7
120°	1034.1	1033.2	1032.2	1035.5	1039.6	1042.5	1045.8	1044.3	1040.6	1032.7	1022.8
122.5°	1005.1	1002.7	1001.7	1004.4	1008.3	1011.4	1013.4	1013.1	1010.4	1002.8	992.9
125°	971.1	970.4	969.5	970.9	974.2	977.3	979.6	979.3	976.7	971.0	963.0
127.5°	935.0	937.6	936.8	936.1	938.7	941.2	943.6	943.5	941.8	937.1	930.1
130°	899.0	900.2	898.4	899.1	901.9	904.9	906.6	905.7	903.8	900.5	895.2
132.5°	861.0	860.5	857.6	861.4	863.8	865.9	866.6	866.2	864.6	861.5	856.4
135°	823.0	821.5	816.6	820.3	822.4	824.9	825.8	827.3	823.6	819.8	815.4
137.5°	780.0	780.5	777.3	779.3	781.2	782.7	783.3	782.7	780.8	778.2	774.3
140°	736.0	736.0	732.9	734.0	736.6	737.5	738.7	738.8	737.5	734.8	730.9
142.5°	690.0	691.5	690.0	689.8	691.8	692.7	693.6	693.2	690.7	687.8	683.2
145°	644.0	645.4	644.0	642.8	645.8	647.1	646.8	645.7	643.4	639.2	634.5
147.5°	597.0	598.9	598.1	596.7	597.8	598.2	597.2	595.4	592.8	588.9	583.5
150°	546.0	548.6	548.6	548.0	547.7	547.8	546.8	544.6	542.3	539.0	534.7
152.5°	496.0	498.1	497.9	497.2	495.7	496.4	496.0	494.6	491.7	489.4	485.1
155°	448.0	449.4	448.6	447.3	445.1	444.5	444.0	442.4	439.7	435.9	432.1
157.5°	391.0	393.3	395.5	393.5	392.3	390.4	389.7	388.0	385.3	381.7	377.0
160°	338.0	339.8	341.6	339.7	338.6	336.7	335.0	333.7	331.6	328.6	324.8
162.5°	285.0	286.7	288.5	286.8	285.9	284.2	281.8	279.6	277.7	275.1	271.9
165°	231.0	232.3	233.7	232.1	231.3	229.8	227.9	225.3	223.0	221.0	218.4
167.5°	174.0	175.7	177.3	177.0	177.1	176.6	175.6	174.1	172.0	169.3	166.9
170°	131.0	131.7	132.4	133.1	130.8	129.8	128.4	126.8	124.8	122.5	119.8
172.5°	80.0	80.8	81.6	82.4	81.4	81.2	80.7	80.1	79.2	78.1	76.8
175°	41.0	41.6	42.1	42.7	43.3	42.4	42.4	42.2	41.9	41.5	41.0
177.5°	12.0	12.3	12.5	12.8	13.0	13.3	13.6	13.2	13.3	13.4	13.4
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°	13.4	13.4	13.3	13.3	13.2	13.0	12.9	12.7	12.5	12.3	12.1
5°	40.3	39.6	38.7	37.8	36.7	35.5	34.2	32.8	31.3	29.7	28.0
7.5°	75.3	73.6	71.7	69.6	67.3	64.8	61.9	60.1	57.6	55.6	53.6
10°	116.9	113.6	111.5	109.0	106.2	103.1	100.1	97.1	93.8	90.1	86.1
12.5°	164.3	161.3	157.7	153.6	149.4	145.4	141.2	136.7	132.0	127.1	122.0
15°	215.2	211.2	206.6	201.7	196.2	190.2	184.2	178.3	171.9	166.1	159.9
17.5°	268.0	263.6	258.4	252.6	246.7	240.1	232.9	225.5	218.1	210.1	201.8
20°	320.2	315.2	309.9	304.0	297.5	290.4	282.4	273.5	263.9	253.9	243.8
22.5°	372.8	367.9	361.7	354.5	346.0	337.6	329.5	320.7	311.5	299.6	287.1
25°	427.2	421.4	414.7	407.1	398.6	388.8	378.2	366.9	356.2	344.6	333.6
27.5°	479.6	473.1	466.3	458.4	449.4	439.6	430.9	415.9	401.7	386.8	371.9
30°	529.1	523.5	517.9	508.2	498.5	487.5	475.5	462.9	448.9	431.9	413.6
32.5°	579.1	573.0	565.5	556.4	546.2	533.9	520.6	506.4	492.0	476.5	457.2
35°	628.9	622.5	614.1	604.5	593.5	580.2	565.1	549.4	532.4	515.3	497.8
37.5°	676.8	669.2	660.5	652.0	638.8	624.9	608.6	591.8	573.9	554.2	534.5
40°	724.3	715.2	705.6	694.5	681.3	666.3	649.1	631.4	613.6	593.6	571.9
42.5°	767.2	758.4	748.1	736.4	725.6	707.7	689.8	671.1	652.2	630.9	608.1
45°	809.0	798.8	787.5	775.4	761.7	746.3	727.8	708.2	688.3	666.5	642.1
47.5°	849.4	838.3	825.9	813.3	798.7	782.0	764.4	744.2	722.4	700.1	675.2
50°	891.0	879.4	863.5	849.9	836.8	817.4	798.5	779.1	756.0	731.8	706.4
52.5°	922.5	912.4	897.8	883.8	868.8	852.8	831.9	811.4	789.4	762.9	735.9
55°	953.9	944.0	930.0	915.1	900.5	882.6	863.1	843.4	818.0	791.4	764.8
57.5°	983.7	973.6	960.7	945.5	930.1	912.2	891.4	869.3	845.3	818.9	789.6
60°	1013.3	1002.5	989.3	973.8	957.7	939.3	918.6	895.2	869.9	843.0	814.3
62.5°	1040.7	1029.7	1016.3	1000.8	983.1	964.3	943.0	919.6	893.9	865.5	836.3
65°	1066.5	1055.6	1041.6	1026.2	1007.6	987.2	965.0	941.5	914.5	885.8	855.8
67.5°	1090.7	1079.8	1064.4	1047.8	1030.3	1009.0	985.6	960.6	933.3	904.4	873.9
70°	1111.9	1099.9	1086.0	1066.8	1048.4	1027.6	1004.1	978.6	951.7	922.1	890.9
72.5°	1131.2	1117.8	1103.1	1085.1	1064.8	1043.7	1020.2	995.5	966.7	936.9	904.5
75°	1146.8	1133.4	1117.9	1101.1	1079.8	1057.7	1034.0	1007.2	978.5	949.1	916.5
77.5°	1159.3	1145.9	1130.0	1112.0	1091.4	1069.1	1044.8	1018.1	989.2	958.9	926.4
80°	1169.1	1156.0	1139.7	1121.7	1102.0	1078.7	1053.1	1026.7	998.3	967.4	934.3
82.5°	1176.9	1162.8	1146.6	1128.4	1108.2	1084.7	1059.1	1033.3	1005.4	974.5	940.6
85°	1180.9	1167.5	1150.8	1132.5	1111.5	1088.0	1063.2	1037.1	1007.4	977.0	944.3
87.5°	1182.6	1170.1	1154.2	1135.0	1113.9	1090.1	1066.4	1040.1	1010.1	979.1	947.0
90°	1182.1	1169.1	1155.1	1134.1	1113.1	1090.1	1067.1	1040.1	1012.1	979.1	947.0
92.5°	1182.6	1170.1	1154.2	1135.0	1113.9	1090.1	1066.4	1040.1	1010.1	979.1	947.0
95°	1180.9	1167.5	1150.8	1132.5	1111.5	1088.0	1063.2	1037.1	1007.4	977.0	944.3
97.5°	1176.9	1162.8	1146.6	1128.4	1108.2	1084.7	1059.1	1033.3	1005.4	974.5	940.6
100°	1169.1	1156.0	1139.7	1121.7	1102.0	1078.7	1053.1	1026.7	998.3	967.4	934.3
102.5°	1159.3	1145.9	1130.0	1112.0	1091.4	1069.1	1044.8	1018.1	989.2	958.9	926.4
105°	1146.8	1133.4	1117.9	1101.1	1079.8	1057.7	1034.0	1007.2	978.5	949.1	916.5
107.5°	1131.2	1117.8	1103.1	1085.1	1064.8	1043.7	1020.2	995.5	966.7	936.9	904.5
110°	1111.9	1099.9	1086.0	1066.8	1048.4	1027.6	1004.1	978.6	951.7	922.1	890.9



TEST NUMBER: P232002

CATALOG NUMBER: FVS4WM-4-LD4-40-2HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
112.5°	1090.7	1079.8	1064.4	1047.8	1030.3	1009.0	985.6	960.6	933.3	904.4	873.9
115°	1066.5	1055.6	1041.6	1026.2	1007.6	987.2	965.0	941.5	914.5	885.8	855.8
117.5°	1040.7	1029.7	1016.3	1000.8	983.1	964.3	943.0	919.6	893.9	865.5	836.3
120°	1013.3	1002.5	989.3	973.8	957.7	939.3	918.6	895.2	869.9	843.0	814.3
122.5°	983.7	973.6	960.7	945.5	930.1	912.2	891.4	869.3	845.3	818.9	789.6
125°	953.9	943.9	930.0	915.1	900.5	882.6	863.1	843.4	818.0	791.4	764.8
127.5°	922.5	912.4	897.8	883.8	868.8	852.8	831.9	811.4	789.4	762.9	735.9
130°	891.0	879.4	863.5	849.9	836.8	817.4	798.5	779.1	756.0	731.8	706.4
132.5°	849.4	838.3	825.9	813.3	798.7	782.0	764.4	744.2	722.4	700.1	675.2
135°	809.0	798.8	787.5	775.4	761.7	746.3	727.8	708.2	688.3	666.5	642.1
137.5°	767.2	758.4	748.1	736.4	725.6	707.7	689.8	671.1	652.2	630.9	608.1
140°	724.3	715.2	705.6	694.5	681.3	666.3	649.1	631.4	613.6	593.6	571.9
142.5°	676.8	669.2	660.5	652.0	638.8	624.9	608.6	591.8	573.9	554.2	534.5
145°	628.9	622.5	614.1	604.5	593.5	580.2	565.1	549.4	532.4	515.3	497.8
147.5°	579.1	573.0	565.5	556.4	546.2	533.9	520.6	506.4	492.0	476.5	457.2
150°	529.1	523.5	517.9	508.2	498.5	487.5	475.5	462.9	448.9	431.9	413.6
152.5°	479.6	473.1	466.3	458.4	449.4	439.6	430.9	415.9	401.7	386.8	371.9
155°	427.2	421.4	414.7	407.1	398.6	388.8	378.2	366.9	356.2	344.6	333.6
157.5°	372.8	367.9	361.7	354.5	346.0	337.6	329.5	320.7	311.5	299.6	287.1
160°	320.2	315.2	309.9	304.0	297.5	290.4	282.4	273.5	263.9	253.9	243.8
162.5°	268.0	263.6	258.4	252.6	246.7	240.1	232.9	225.5	218.1	210.1	201.8
165°	215.2	211.2	206.6	201.7	196.2	190.2	184.2	178.3	171.9	166.1	159.9
167.5°	164.3	161.3	157.7	153.6	149.4	145.4	141.2	136.7	132.0	127.1	122.0
170°	116.9	113.6	111.5	109.0	106.2	103.1	100.1	97.1	93.8	90.1	86.1
172.5°	75.3	73.6	71.7	69.6	67.3	64.8	61.9	60.1	57.6	55.6	53.6
175°	40.3	39.6	38.7	37.8	36.7	35.5	34.2	32.8	31.3	29.7	28.0
177.5°	13.4	13.4	13.3	13.3	13.2	13.0	12.9	12.7	12.5	12.3	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



TEST NUMBER: P232002

CATALOG NUMBER: FVS4WM-4-LD4-40-2HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	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	11.5	11.2	10.9	10.5	10.1	9.7	9.3	8.9	8.5	8.0
5°	26.2	24.3	22.4	21.7	21.0	20.3	19.5	18.7	17.8	16.9	16.0
7.5°	51.5	49.3	46.9	44.4	41.8	39.0	36.2	34.8	33.8	32.6	31.4
10°	81.7	77.1	72.4	69.0	65.7	62.2	58.6	54.8	51.0	48.9	47.2
12.5°	116.5	110.7	104.8	98.6	92.3	87.0	82.7	78.1	73.3	68.2	65.0
15°	152.9	145.3	138.2	130.2	123.1	115.8	108.3	102.3	96.3	90.0	83.5
17.5°	194.3	183.5	173.4	163.0	153.3	145.3	136.9	127.9	120.3	113.1	105.5
20°	233.3	222.2	210.7	199.5	188.2	176.6	166.5	155.9	144.8	136.2	127.5
22.5°	273.8	260.8	247.5	233.7	221.2	208.5	195.0	183.0	170.8	159.2	149.5
25°	316.4	301.0	285.7	270.6	255.0	239.6	223.8	208.1	195.5	182.8	171.5
27.5°	356.0	339.6	323.3	306.9	289.7	271.5	253.5	235.4	219.4	204.8	191.0
30°	395.7	377.7	359.9	341.9	322.9	302.8	282.2	263.3	245.2	227.2	209.8
32.5°	436.7	416.9	397.6	377.7	356.5	334.1	311.3	289.8	269.2	249.6	230.5
35°	477.3	454.7	433.0	410.9	387.9	364.3	340.3	317.2	293.6	271.5	251.4
37.5°	514.4	491.5	467.4	443.2	420.0	393.4	368.0	342.3	317.4	292.6	270.9
40°	549.7	526.4	501.4	475.6	448.6	421.3	393.8	367.3	340.8	314.1	290.0
42.5°	584.1	559.4	533.9	507.1	478.8	449.2	419.6	390.8	362.2	334.4	308.0
45°	617.0	591.4	564.2	535.9	506.8	475.2	444.3	413.7	382.8	353.5	325.8
47.5°	648.6	621.1	592.6	564.9	532.9	500.8	468.1	436.5	403.4	371.5	341.8
50°	679.1	650.5	620.2	589.1	557.4	524.8	491.2	458.4	424.0	389.1	357.6
52.5°	707.8	678.5	646.9	614.4	581.2	547.4	512.8	478.0	442.1	405.1	372.4
55°	734.8	704.7	672.5	638.9	603.2	568.1	532.1	495.3	458.1	420.6	386.8
57.5°	759.7	728.8	697.2	662.6	625.2	587.7	550.8	512.8	473.5	434.5	399.3
60°	783.7	751.6	716.9	682.2	644.9	605.3	568.0	530.2	489.0	447.9	411.2
62.5°	804.6	771.5	735.8	699.5	663.6	622.1	583.6	544.4	503.0	461.2	422.6
65°	823.9	790.2	754.5	717.2	679.5	638.8	597.9	556.3	515.2	474.0	434.0
67.5°	841.1	807.3	771.7	735.1	694.0	653.2	611.2	568.5	526.0	484.1	443.5
70°	857.1	822.1	786.3	747.4	707.3	665.2	622.6	580.4	536.4	492.9	452.6
72.5°	871.4	835.6	799.3	759.3	718.6	676.5	632.2	589.3	545.0	500.7	459.9
75°	882.7	847.5	809.9	769.1	728.0	686.6	640.9	596.2	552.4	507.9	466.7
77.5°	892.2	857.5	819.5	777.5	735.3	693.7	647.7	602.1	557.9	513.0	470.8
80°	899.2	864.4	825.4	784.5	740.5	698.2	652.8	607.5	562.4	517.4	474.4
82.5°	904.6	869.9	829.8	790.3	745.8	703.4	657.0	611.9	567.2	521.0	479.4
85°	908.4	872.8	832.9	794.6	750.8	710.5	661.8	616.8	572.8	524.9	481.9
87.5°	911.0	874.2	835.4	796.1	752.6	709.6	663.4	617.5	573.5	527.0	481.5
90°	911.0	873.0	836.0	795.0	752.0	708.0	665.0	618.0	574.0	529.0	481.0
92.5°	911.0	874.2	835.4	796.1	752.6	709.6	663.4	617.5	573.5	527.0	481.5
95°	908.4	872.8	832.9	794.6	750.8	710.5	661.8	616.8	572.8	524.9	481.9
97.5°	904.6	869.9	829.8	790.3	745.8	703.4	657.0	611.9	567.2	521.0	479.4
100°	899.2	864.4	825.4	784.5	740.5	698.2	652.8	607.5	562.4	517.4	474.4
102.5°	892.2	857.5	819.5	777.5	735.3	693.7	647.7	602.1	557.9	513.0	470.8
105°	882.7	847.5	809.9	769.1	728.0	686.6	640.9	596.2	552.4	507.9	466.7
107.5°	871.4	835.6	799.3	759.3	718.6	676.5	632.2	589.3	545.0	500.7	459.9
110°	857.1	822.1	786.3	747.4	707.3	665.2	622.6	580.4	536.4	492.9	452.6



TEST NUMBER: P232002

CATALOG NUMBER: FVS4WM-4-LD4-40-2HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	841.1	807.3	771.7	735.1	694.0	653.2	611.2	568.5	526.0	484.1	443.5
115°	823.9	790.2	754.5	717.2	679.5	638.8	597.9	556.3	515.2	474.0	434.0
117.5°	804.6	771.5	735.8	699.5	663.6	622.1	583.6	544.4	503.0	461.2	422.6
120°	783.7	751.6	716.9	682.2	644.9	605.3	568.0	530.2	489.0	447.9	411.2
122.5°	759.7	728.8	697.2	662.6	625.2	587.7	550.8	512.8	473.5	434.5	399.3
125°	734.8	704.7	672.5	638.9	603.2	568.1	532.1	495.3	458.1	420.6	386.8
127.5°	707.8	678.5	646.9	614.4	581.2	547.4	512.8	478.0	442.1	405.1	372.4
130°	679.1	650.5	620.2	589.1	557.4	524.8	491.2	458.4	424.0	389.1	357.6
132.5°	648.6	621.1	592.6	564.9	532.9	500.8	468.1	436.5	403.4	371.5	341.8
135°	617.0	591.4	564.2	535.9	506.8	475.2	444.3	413.7	382.8	353.5	325.8
137.5°	584.1	559.4	533.9	507.1	478.8	449.2	419.6	390.8	362.2	334.4	308.0
140°	549.7	526.4	501.4	475.6	448.6	421.3	393.8	367.3	340.8	314.1	290.0
142.5°	514.4	491.5	467.4	443.2	420.0	393.4	368.0	342.3	317.4	292.6	270.9
145°	477.3	454.7	433.0	410.9	387.9	364.3	340.3	317.2	293.6	271.5	251.4
147.5°	436.7	416.9	397.6	377.7	356.5	334.1	311.3	289.8	269.2	249.6	230.5
150°	395.7	377.7	359.9	341.9	322.9	302.8	282.2	263.3	245.2	227.2	209.8
152.5°	356.0	339.6	323.3	306.9	289.7	271.5	253.5	235.4	219.4	204.8	191.0
155°	316.4	301.0	285.7	270.6	255.0	239.6	223.8	208.1	195.5	182.8	171.5
157.5°	273.8	260.8	247.5	233.7	221.2	208.5	195.0	183.0	170.8	159.2	149.5
160°	233.3	222.2	210.7	199.5	188.2	176.6	166.5	155.9	144.8	136.2	127.5
162.5°	194.3	183.5	173.4	163.0	153.3	145.3	136.9	127.9	120.3	113.1	105.5
165°	152.9	145.3	138.2	130.2	123.1	115.8	108.3	102.3	96.3	90.0	83.5
167.5°	116.5	110.7	104.8	98.6	92.3	87.0	82.7	78.1	73.3	68.2	65.0
170°	81.7	77.1	72.4	69.0	65.7	62.2	58.6	54.8	51.0	48.9	47.2
172.5°	51.5	49.3	46.9	44.4	41.8	39.0	36.2	34.8	33.8	32.6	31.4
175°	26.2	24.3	22.4	21.7	21.0	20.3	19.5	18.7	17.8	16.9	16.0
177.5°	11.8	11.5	11.2	10.9	10.5	10.1	9.7	9.3	8.9	8.5	8.0
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: P232002

CATALOG NUMBER: FVS4WM-4-LD4-40-2HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	7.5	7.0	6.5	6.0	6.0	5.9	5.9	5.8	5.8	5.7	5.6
5°	15.0	14.0	13.0	12.0	11.9	11.8	11.6	11.5	11.3	11.1	10.9
7.5°	30.0	28.6	27.1	25.5	25.2	24.8	24.4	23.9	23.3	22.7	22.0
10°	45.3	43.3	41.2	39.0	38.4	37.8	37.0	36.2	35.2	34.3	33.4
12.5°	62.8	60.3	57.7	55.0	54.2	53.2	52.1	50.8	49.6	48.4	47.0
15°	80.3	77.4	74.3	71.0	69.9	68.6	67.1	65.6	64.3	62.9	61.3
17.5°	99.2	95.7	92.0	88.0	86.7	85.2	83.4	81.8	80.2	78.3	76.2
20°	118.6	114.1	109.7	105.0	103.5	101.8	99.9	98.0	96.0	93.8	91.3
22.5°	139.5	132.5	127.4	122.0	120.1	118.0	115.9	113.9	111.6	109.0	106.1
25°	160.4	151.1	145.2	139.0	136.7	134.2	132.0	129.7	127.2	124.1	120.7
27.5°	179.3	168.3	161.8	155.0	152.5	149.8	147.6	145.2	142.2	138.9	135.2
30°	197.6	185.4	178.3	171.0	168.3	165.4	163.1	160.6	157.3	153.6	149.7
32.5°	215.8	202.4	194.1	186.5	183.4	180.2	177.8	175.1	171.6	167.8	163.6
35°	234.0	219.3	209.9	202.0	198.4	194.9	192.5	189.4	185.7	181.4	176.8
37.5°	250.9	235.3	224.4	216.0	211.9	208.3	205.7	202.5	198.9	194.2	189.4
40°	267.6	251.1	238.8	230.0	225.4	221.6	218.9	215.4	211.4	206.6	201.5
42.5°	283.2	265.7	252.3	243.0	238.1	234.2	231.3	227.8	223.5	218.6	213.2
45°	299.4	280.2	265.8	256.0	250.9	246.8	243.4	240.3	235.4	229.8	224.0
47.5°	314.4	293.3	277.7	267.5	262.2	258.1	254.7	251.7	246.3	240.5	234.5
50°	329.1	306.3	289.6	279.0	273.5	269.4	266.0	262.7	257.0	251.0	244.9
52.5°	343.2	319.2	301.3	289.5	283.8	279.7	276.2	272.3	266.6	260.7	254.5
55°	356.9	332.1	313.0	300.0	294.2	290.0	286.2	281.7	275.9	269.9	263.1
57.5°	368.7	342.7	322.0	309.0	302.6	298.4	294.6	289.9	284.1	277.8	271.3
60°	379.9	353.1	330.9	318.0	311.0	306.8	302.9	297.9	291.8	285.3	279.7
62.5°	389.2	360.9	339.2	325.5	318.8	314.2	310.0	305.0	298.8	292.3	286.1
65°	398.3	368.3	347.4	333.0	326.6	321.7	316.9	311.9	305.7	298.8	291.9
67.5°	406.0	375.0	352.8	339.0	332.0	327.5	323.1	317.6	311.1	304.2	297.2
70°	413.3	381.7	358.1	345.0	337.4	333.3	329.3	323.1	316.2	309.2	302.1
72.5°	419.8	387.0	363.3	349.5	341.8	337.8	333.4	327.6	320.5	313.4	306.2
75°	426.1	392.2	369.0	354.0	346.2	342.2	337.3	332.3	324.7	317.6	309.8
77.5°	430.3	395.8	372.0	357.0	349.2	345.1	340.2	334.8	327.2	320.4	312.3
80°	434.2	400.0	375.0	360.0	352.1	348.1	343.1	337.2	329.4	323.2	314.5
82.5°	438.4	402.5	377.0	362.0	353.6	349.6	344.6	338.6	331.2	324.3	316.2
85°	441.0	405.0	379.0	364.0	355.0	351.0	346.0	340.0	333.0	325.1	318.0
87.5°	441.0	405.5	379.5	364.0	355.5	351.5	346.5	340.5	333.0	325.5	318.1
90°	441.0	406.0	380.0	364.0	356.0	352.0	347.0	341.0	333.0	326.0	318.0
92.5°	441.0	405.5	379.5	364.0	355.5	351.5	346.5	340.5	333.0	325.5	318.1
95°	441.0	405.0	379.0	364.0	355.0	351.0	346.0	340.0	333.0	325.1	318.0
97.5°	438.4	402.5	377.0	362.0	353.6	349.6	344.6	338.6	331.2	324.3	316.2
100°	434.2	400.0	375.0	360.0	352.1	348.1	343.1	337.2	329.4	323.2	314.5
102.5°	430.3	395.8	372.0	357.0	349.2	345.1	340.2	334.8	327.2	320.4	312.3
105°	426.1	392.2	369.0	354.0	346.2	342.2	337.3	332.3	324.7	317.6	309.8
107.5°	419.8	387.0	363.3	349.5	341.8	337.8	333.4	327.6	320.5	313.4	306.2
110°	413.3	381.7	358.1	345.0	337.4	333.3	329.3	323.1	316.2	309.2	302.1



TEST NUMBER: P232002

CATALOG NUMBER: FVS4WM-4-LD4-40-2HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
112.5°	406.0	375.0	352.8	339.0	332.0	327.5	323.1	317.6	311.1	304.2	297.2
115°	398.3	368.3	347.4	333.0	326.6	321.7	316.9	311.9	305.7	298.8	291.9
117.5°	389.2	360.9	339.2	325.5	318.8	314.2	310.0	305.0	298.8	292.3	286.1
120°	379.9	353.1	330.9	318.0	311.0	306.8	302.9	297.9	291.8	285.3	279.7
122.5°	368.7	342.7	322.0	309.0	302.6	298.4	294.6	289.9	284.1	277.8	271.3
125°	356.9	332.1	313.0	300.0	294.2	290.0	286.2	281.7	275.9	269.9	263.1
127.5°	343.2	319.2	301.3	289.5	283.8	279.7	276.2	272.3	266.6	260.7	254.5
130°	329.1	306.3	289.6	279.0	273.5	269.4	266.0	262.7	257.0	251.0	244.9
132.5°	314.4	293.3	277.7	267.5	262.2	258.1	254.7	251.7	246.3	240.5	234.5
135°	299.4	280.2	265.8	256.0	250.9	246.8	243.4	240.3	235.4	229.8	224.0
137.5°	283.2	265.7	252.3	243.0	238.1	234.2	231.3	227.8	223.5	218.6	213.2
140°	267.6	251.1	238.8	230.0	225.4	221.6	218.9	215.4	211.4	206.6	201.5
142.5°	250.9	235.3	224.4	216.0	211.9	208.3	205.7	202.5	198.9	194.2	189.4
145°	234.0	219.3	209.9	202.0	198.4	194.9	192.5	189.4	185.7	181.4	176.8
147.5°	215.8	202.4	194.1	186.5	183.4	180.2	177.8	175.1	171.6	167.8	163.6
150°	197.6	185.4	178.3	171.0	168.3	165.4	163.1	160.6	157.3	153.6	149.7
152.5°	179.3	168.3	161.8	155.0	152.5	149.8	147.6	145.2	142.2	138.9	135.2
155°	160.4	151.1	145.2	139.0	136.7	134.2	132.0	129.7	127.2	124.1	120.7
157.5°	139.5	132.5	127.4	122.0	120.1	118.0	115.9	113.9	111.6	109.0	106.1
160°	118.6	114.1	109.7	105.0	103.5	101.8	99.9	98.0	96.0	93.8	91.3
162.5°	99.2	95.7	92.0	88.0	86.7	85.2	83.4	81.8	80.2	78.3	76.2
165°	80.3	77.4	74.3	71.0	69.9	68.6	67.1	65.6	64.3	62.9	61.3
167.5°	62.8	60.3	57.7	55.0	54.2	53.2	52.1	50.8	49.6	48.4	47.0
170°	45.3	43.3	41.2	39.0	38.4	37.8	37.0	36.2	35.2	34.3	33.4
172.5°	30.0	28.6	27.1	25.5	25.2	24.8	24.4	23.9	23.3	22.7	22.0
175°	15.0	14.0	13.0	12.0	11.9	11.8	11.6	11.5	11.3	11.1	10.9
177.5°	7.5	7.0	6.5	6.0	6.0	5.9	5.9	5.8	5.8	5.7	5.6
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: P232002

CATALOG NUMBER: FVS4WM-4-LD4-40-2HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	5.5	5.4	5.2	5.1	5.0	4.8	4.7	4.5	4.4	4.2	4.0
5°	10.6	10.4	10.1	9.8	9.5	9.2	8.9	8.6	8.2	7.9	7.5
7.5°	21.3	20.5	19.7	18.8	17.9	16.9	15.9	14.8	13.7	12.6	11.4
10°	32.4	31.3	30.2	29.0	27.7	26.4	25.0	23.5	22.1	20.5	18.9
12.5°	45.6	44.0	42.2	40.3	38.3	36.2	34.1	31.9	30.1	28.3	26.5
15°	59.6	57.4	55.2	52.9	50.5	48.1	45.7	43.1	40.5	37.8	34.8
17.5°	73.8	71.3	68.5	65.7	62.9	59.9	57.0	53.8	50.5	47.1	43.6
20°	88.6	85.7	82.6	79.5	76.1	72.4	68.5	64.5	60.4	56.3	52.6
22.5°	103.1	99.8	96.4	92.8	88.7	84.4	80.0	75.8	71.4	66.9	62.1
25°	117.2	113.5	109.6	105.6	101.2	96.6	91.9	87.0	82.0	76.9	71.6
27.5°	131.3	127.1	123.1	118.9	114.0	108.9	103.6	98.0	92.4	86.7	80.7
30°	145.5	140.9	136.2	131.2	126.0	120.4	114.5	108.4	102.4	96.1	89.6
32.5°	159.1	154.1	148.8	143.2	137.4	131.3	125.1	119.0	112.5	105.3	98.1
35°	171.8	166.5	160.9	154.9	148.7	142.4	136.3	129.5	121.9	114.3	106.9
37.5°	184.3	178.8	173.1	166.5	159.8	153.4	146.5	138.8	131.0	123.0	115.1
40°	196.1	190.2	183.9	177.2	170.6	163.9	155.8	147.7	139.6	131.5	123.4
42.5°	207.4	201.2	194.7	187.8	180.8	172.9	164.7	156.7	148.2	140.0	131.0
45°	217.9	211.4	204.8	197.6	190.1	182.1	173.7	165.1	156.5	147.5	138.2
47.5°	228.3	221.7	214.7	207.0	198.6	190.2	181.9	173.1	164.3	154.9	144.6
50°	238.4	231.3	223.8	215.6	206.8	198.5	189.6	180.3	171.1	161.1	150.7
52.5°	247.8	240.6	233.0	223.9	214.8	206.1	196.9	187.3	177.7	167.5	156.9
55°	256.0	248.6	240.9	231.5	222.5	213.5	204.0	193.9	183.7	173.4	162.6
57.5°	264.0	256.6	248.4	238.9	229.4	219.9	210.1	199.9	189.6	179.0	167.6
60°	271.5	263.6	254.7	245.4	235.8	226.0	216.2	205.3	194.5	183.6	172.2
62.5°	278.3	270.1	261.1	251.7	241.6	231.5	221.2	210.1	199.2	188.1	176.1
65°	284.2	275.3	266.2	256.8	246.6	236.7	226.0	214.8	203.6	191.8	179.2
67.5°	289.4	280.3	271.2	261.9	251.5	241.2	229.8	218.6	207.2	194.7	181.7
70°	293.9	284.8	275.6	265.9	255.3	244.9	233.6	222.1	210.6	197.3	184.5
72.5°	297.8	288.7	279.6	269.6	259.1	248.4	236.8	224.7	212.6	199.4	187.2
75°	301.1	291.5	282.2	271.9	261.4	250.8	239.1	226.9	214.3	201.8	189.5
77.5°	303.5	293.8	284.5	274.1	263.7	253.0	241.3	228.6	215.9	203.0	189.8
80°	305.5	295.6	286.4	275.7	264.9	254.0	242.2	229.4	216.8	203.6	190.3
82.5°	306.9	296.9	287.5	276.7	266.0	254.9	243.1	230.2	217.3	204.2	191.1
85°	308.1	298.1	288.2	277.2	267.0	255.3	244.0	230.4	218.0	205.0	191.4
87.5°	308.5	298.1	288.5	277.1	267.5	255.6	244.2	230.6	218.2	205.3	191.3
90°	309.0	298.0	289.0	277.0	268.0	256.0	244.0	231.0	218.0	205.0	191.0
92.5°	308.5	298.1	288.5	277.1	267.5	255.6	244.2	230.6	218.2	205.3	191.3
95°	308.1	298.1	288.2	277.2	267.0	255.3	244.0	230.4	218.0	205.0	191.4
97.5°	306.9	296.9	287.5	276.7	266.0	254.9	243.1	230.2	217.3	204.2	191.1
100°	305.5	295.6	286.4	275.7	264.9	254.0	242.2	229.4	216.8	203.6	190.3
102.5°	303.5	293.8	284.5	274.1	263.7	253.0	241.3	228.6	215.9	203.0	189.8
105°	301.1	291.5	282.2	271.9	261.4	250.8	239.1	226.9	214.3	201.8	189.5
107.5°	297.8	288.7	279.6	269.6	259.1	248.4	236.8	224.7	212.6	199.4	187.2
110°	293.9	284.8	275.6	265.9	255.3	244.9	233.6	222.1	210.6	197.3	184.5



TEST NUMBER: P232002

CATALOG NUMBER: FVS4WM-4-LD4-40-2HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	289.4	280.3	271.2	261.9	251.5	241.2	229.8	218.6	207.2	194.7	181.7
115°	284.2	275.3	266.2	256.8	246.6	236.7	226.0	214.8	203.6	191.8	179.2
117.5°	278.3	270.1	261.1	251.7	241.6	231.5	221.2	210.1	199.2	188.1	176.1
120°	271.5	263.6	254.7	245.4	235.8	226.0	216.2	205.3	194.5	183.6	172.2
122.5°	264.0	256.6	248.4	238.9	229.4	219.9	210.1	199.9	189.6	179.0	167.6
125°	256.0	248.6	240.9	231.5	222.5	213.5	204.0	193.9	183.7	173.4	162.6
127.5°	247.8	240.6	233.0	223.9	214.8	206.1	196.9	187.3	177.7	167.5	156.9
130°	238.4	231.3	223.8	215.6	206.8	198.5	189.6	180.3	171.1	161.1	150.7
132.5°	228.3	221.7	214.7	207.0	198.6	190.2	181.9	173.1	164.3	154.9	144.6
135°	217.9	211.4	204.8	197.6	190.1	182.1	173.7	165.1	156.5	147.5	138.2
137.5°	207.4	201.2	194.7	187.8	180.8	172.9	164.7	156.7	148.2	140.0	131.0
140°	196.1	190.2	183.9	177.2	170.6	163.9	155.8	147.7	139.6	131.5	123.4
142.5°	184.3	178.8	173.1	166.5	159.8	153.4	146.5	138.8	131.0	123.0	115.1
145°	171.8	166.5	160.9	154.9	148.7	142.4	136.3	129.5	121.9	114.3	106.9
147.5°	159.1	154.1	148.8	143.2	137.4	131.3	125.1	119.0	112.5	105.3	98.1
150°	145.5	140.9	136.2	131.2	126.0	120.4	114.5	108.4	102.4	96.1	89.6
152.5°	131.3	127.2	123.1	118.9	114.0	108.9	103.6	98.0	92.4	86.7	80.7
155°	117.2	113.5	109.6	105.6	101.2	96.6	91.9	87.0	82.0	76.9	71.6
157.5°	103.1	99.8	96.4	92.8	88.7	84.4	80.0	75.8	71.4	66.9	62.1
160°	88.6	85.7	82.6	79.5	76.1	72.4	68.5	64.5	60.4	56.3	52.6
162.5°	73.8	71.3	68.5	65.7	62.9	59.9	57.0	53.8	50.5	47.1	43.6
165°	59.6	57.4	55.2	52.9	50.5	48.1	45.7	43.1	40.5	37.8	34.8
167.5°	45.6	44.0	42.2	40.3	38.3	36.2	34.1	31.9	30.1	28.3	26.5
170°	32.4	31.3	30.2	29.0	27.7	26.4	25.0	23.5	22.1	20.5	18.9
172.5°	21.3	20.5	19.7	18.8	17.9	16.9	15.9	14.8	13.7	12.6	11.4
175°	10.6	10.4	10.1	9.8	9.5	9.2	8.9	8.6	8.2	7.9	7.5
177.5°	5.5	5.4	5.2	5.1	5.0	4.8	4.7	4.5	4.4	4.2	4.0
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: P232002

CATALOG NUMBER: FVS4WM-4-LD4-40-2HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	3.8	3.6	3.4	3.2	3.0	2.8	2.6	2.3	2.1	1.9	1.7
5°	7.1	6.7	6.3	6.0	5.6	5.1	4.7	4.3	3.9	3.5	3.0
7.5°	9.8	9.4	8.8	8.2	7.7	7.1	6.5	5.9	5.3	4.7	4.1
10°	17.3	15.7	14.0	12.3	10.5	8.5	7.9	7.1	6.4	5.7	5.0
12.5°	24.5	22.5	20.4	18.2	16.0	13.7	11.4	9.1	7.2	6.3	5.5
15°	31.7	28.8	26.2	23.6	21.0	18.4	15.8	13.2	10.6	8.0	6.4
17.5°	40.1	36.5	32.8	29.0	25.7	22.8	19.9	17.0	14.1	11.1	8.0
20°	48.7	44.6	40.4	36.2	32.0	27.8	24.0	20.6	17.1	13.7	10.2
22.5°	57.1	52.1	47.5	42.9	38.2	33.4	28.4	23.5	19.7	15.9	12.2
25°	66.1	60.6	55.1	49.6	44.2	38.7	33.2	27.7	22.4	18.3	14.2
27.5°	74.7	68.5	62.4	56.1	49.9	43.7	38.0	32.3	26.6	20.4	16.2
30°	82.8	76.0	69.5	62.9	56.1	49.1	42.1	35.9	29.8	23.7	17.7
32.5°	91.2	84.2	77.1	69.2	62.1	54.6	47.3	39.7	33.5	26.8	20.0
35°	99.6	91.8	83.8	75.9	67.9	59.9	52.2	44.4	36.6	29.4	22.3
37.5°	107.2	98.9	90.2	81.9	73.4	64.9	56.5	48.2	40.0	31.9	24.3
40°	114.8	105.8	96.9	87.9	78.8	69.8	60.8	51.7	42.7	33.8	25.6
42.5°	121.8	112.5	103.1	93.6	84.1	74.3	64.4	54.6	45.0	36.1	27.4
45°	128.5	118.8	109.1	99.1	88.7	78.2	67.9	57.5	47.3	37.6	28.4
47.5°	134.7	124.7	114.4	103.6	92.9	82.1	70.7	59.7	49.2	39.0	29.7
50°	140.8	130.3	119.3	108.0	96.6	84.5	72.6	61.6	51.3	40.6	31.0
52.5°	146.5	136.0	124.2	112.0	99.8	87.0	74.7	63.3	52.1	41.7	31.9
55°	151.5	140.0	128.1	115.1	102.2	89.2	76.9	65.1	53.6	43.1	32.8
57.5°	155.9	143.9	131.4	118.2	105.0	91.4	78.6	66.2	54.6	43.6	33.2
60°	160.5	147.8	134.9	121.5	107.1	93.3	80.2	67.8	55.8	44.8	33.9
62.5°	164.0	151.5	138.5	124.2	109.3	94.9	81.4	68.6	56.2	44.8	34.3
65°	167.4	154.9	141.5	127.1	111.1	96.1	82.3	69.4	56.9	44.8	34.0
67.5°	169.6	157.4	144.4	129.8	113.5	97.6	83.2	69.9	57.0	45.2	34.3
70°	171.9	159.3	146.7	132.3	115.6	99.4	83.8	69.8	56.6	44.9	33.7
72.5°	174.5	161.6	148.0	133.7	117.8	101.1	84.9	70.2	56.3	44.1	32.9
75°	175.6	162.6	148.5	135.0	120.1	103.1	86.0	70.5	56.8	43.6	32.4
77.5°	176.4	162.9	149.3	136.1	121.5	105.1	87.9	71.3	56.7	43.1	31.1
80°	177.1	163.4	149.4	135.9	121.5	106.7	90.6	73.0	56.6	42.1	30.0
82.5°	177.3	163.3	148.8	135.4	120.9	106.1	91.3	75.2	57.7	41.6	28.2
85°	177.4	163.4	148.8	134.9	119.3	105.1	90.3	75.4	60.0	43.4	27.5
87.5°	177.6	163.4	149.4	134.6	118.5	104.5	89.5	74.5	59.8	44.9	29.7
90°	178.0	163.0	149.0	135.0	118.0	105.0	89.0	74.0	60.0	44.0	30.0
92.5°	177.6	163.4	149.4	134.6	118.5	104.5	89.5	74.5	59.8	44.9	29.7
95°	177.4	163.4	148.8	134.9	119.3	105.1	90.3	75.4	60.0	43.4	27.5
97.5°	177.3	163.3	148.8	135.4	120.9	106.1	91.3	75.2	57.7	41.6	28.2
100°	177.1	163.4	149.4	135.9	121.5	106.7	90.6	73.0	56.6	42.1	30.0
102.5°	176.4	162.9	149.3	136.1	121.5	105.1	87.9	71.3	56.7	43.1	31.1
105°	175.6	162.6	148.5	135.0	120.1	103.1	86.0	70.5	56.8	43.6	32.4
107.5°	174.5	161.6	148.0	133.7	117.8	101.1	84.9	70.2	56.3	44.1	32.9
110°	171.9	159.3	146.7	132.3	115.6	99.4	83.8	69.8	56.6	44.9	33.7



TEST NUMBER: P232002

CATALOG NUMBER: FVS4WM-4-LD4-40-2HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
112.5°	169.6	157.4	144.4	129.8	113.5	97.6	83.2	69.9	57.0	45.2	34.3
115°	167.4	154.9	141.5	127.1	111.1	96.1	82.3	69.4	56.9	44.8	34.0
117.5°	164.0	151.5	138.5	124.2	109.3	94.9	81.4	68.6	56.2	44.8	34.3
120°	160.5	147.8	134.9	121.5	107.1	93.3	80.2	67.8	55.8	44.8	33.9
122.5°	155.9	143.9	131.4	118.2	105.0	91.4	78.6	66.2	54.6	43.6	33.2
125°	151.5	140.0	128.1	115.1	102.2	89.2	76.9	65.1	53.6	43.1	32.8
127.5°	146.5	136.0	124.2	112.0	99.8	87.0	74.7	63.3	52.1	41.7	31.9
130°	140.8	130.3	119.3	108.0	96.6	84.5	72.6	61.6	51.3	40.6	31.0
132.5°	134.7	124.7	114.4	103.6	92.9	82.1	70.7	59.7	49.2	39.0	29.7
135°	128.5	118.8	109.1	99.1	88.7	78.2	67.9	57.5	47.3	37.6	28.4
137.5°	121.8	112.5	103.1	93.6	84.1	74.3	64.4	54.6	45.0	36.1	27.4
140°	114.8	105.8	96.9	87.9	78.8	69.8	60.8	51.7	42.7	33.8	25.6
142.5°	107.2	98.9	90.2	81.9	73.4	64.9	56.5	48.2	40.0	31.9	24.3
145°	99.6	91.8	83.8	75.9	67.9	59.9	52.2	44.4	36.6	29.4	22.3
147.5°	91.2	84.2	77.1	69.2	62.1	54.6	47.3	39.7	33.5	26.8	20.0
150°	82.8	76.0	69.5	62.9	56.1	49.1	42.1	35.9	29.8	23.7	17.7
152.5°	74.7	68.5	62.4	56.1	49.9	43.7	38.0	32.3	26.6	20.4	16.2
155°	66.1	60.6	55.1	49.6	44.2	38.7	33.2	27.7	22.4	18.3	14.2
157.5°	57.1	52.1	47.5	42.9	38.2	33.4	28.4	23.5	19.7	15.9	12.2
160°	48.7	44.6	40.4	36.2	32.0	27.8	24.0	20.6	17.1	13.7	10.2
162.5°	40.1	36.5	32.8	29.0	25.7	22.8	19.9	17.0	14.1	11.1	8.0
165°	31.7	28.8	26.2	23.6	21.0	18.4	15.8	13.2	10.6	8.0	6.4
167.5°	24.5	22.5	20.4	18.2	16.0	13.7	11.4	9.1	7.2	6.3	5.5
170°	17.3	15.7	14.0	12.3	10.5	8.5	7.9	7.1	6.4	5.7	5.0
172.5°	9.8	9.4	8.8	8.2	7.7	7.1	6.5	5.9	5.3	4.7	4.1
175°	7.1	6.7	6.3	6.0	5.6	5.1	4.7	4.3	3.9	3.5	3.0
177.5°	3.8	3.6	3.4	3.2	3.0	2.8	2.6	2.3	2.1	1.9	1.7
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232002

CATALOG NUMBER: FVS4WM-4-LD4-40-2HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	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	1.0	0.7	0.5	0.2	0.0	0.2	0.5	0.7	1.0
5°	2.6	2.2	1.7	1.3	0.9	0.4	0.0	0.4	0.9	1.3	1.7
7.5°	3.6	3.0	2.4	1.8	1.2	0.6	0.0	0.6	1.2	1.8	2.4
10°	4.3	3.5	2.8	2.1	1.4	0.7	0.0	0.7	1.4	2.1	2.8
12.5°	4.7	3.9	3.1	2.3	1.6	0.8	0.0	0.8	1.6	2.3	3.1
15°	5.6	4.6	3.7	2.8	1.9	0.9	0.0	0.9	1.9	2.8	3.7
17.5°	5.8	4.8	3.8	2.9	1.9	0.9	0.0	0.9	1.9	2.9	3.8
20°	6.8	4.7	3.7	2.8	1.8	0.9	0.0	0.9	1.8	2.8	3.7
22.5°	8.4	4.7	3.4	2.5	1.7	0.8	0.0	0.8	1.7	2.5	3.4
25°	10.1	6.0	2.9	2.2	1.4	0.7	0.0	0.7	1.4	2.2	2.9
27.5°	11.7	7.2	2.7	1.6	1.1	0.5	0.0	0.5	1.1	1.6	2.7
30°	13.1	8.6	4.2	1.7	1.2	0.6	0.0	0.6	1.2	1.7	4.2
32.5°	14.1	9.5	5.0	1.1	0.7	0.3	0.0	0.3	0.7	1.1	5.0
35°	15.2	10.2	5.8	1.5	0.7	0.3	0.0	0.3	0.7	1.5	5.8
37.5°	16.9	10.6	6.5	2.5	0.8	0.4	0.0	0.4	0.8	2.5	6.5
40°	18.2	10.9	6.6	3.1	0.8	0.4	0.0	0.4	0.8	3.1	6.6
42.5°	19.4	11.9	6.4	3.3	0.9	0.5	0.0	0.5	0.9	3.3	6.4
45°	19.9	12.5	5.5	2.7	0.1	0.0	0.0	0.0	0.1	2.7	5.5
47.5°	21.0	13.2	6.2	2.9	1.2	1.0	1.0	1.0	1.2	2.9	6.2
50°	22.1	13.7	7.1	2.7	1.4	1.0	1.0	1.0	1.4	2.7	7.1
52.5°	22.5	14.0	7.3	2.2	1.3	1.0	1.0	1.0	1.3	2.2	7.3
55°	23.1	14.4	7.1	2.7	1.4	1.0	1.0	1.0	1.4	2.7	7.1
57.5°	23.5	14.7	6.6	2.7	1.1	1.0	1.0	1.0	1.1	2.7	6.6
60°	23.7	14.8	7.4	2.8	1.0	1.0	1.0	1.0	1.0	2.8	7.4
62.5°	24.5	15.6	8.0	2.9	1.0	1.0	1.0	1.0	1.0	2.9	8.0
65°	24.8	16.3	7.8	2.9	1.1	1.0	1.0	1.0	1.1	2.9	7.8
67.5°	24.6	15.8	7.7	2.7	1.1	1.0	1.0	1.0	1.1	2.7	7.7
70°	24.0	15.7	7.3	2.4	1.0	1.0	1.0	1.0	1.0	2.4	7.3
72.5°	23.5	14.9	7.2	2.4	0.4	1.0	1.0	1.0	0.4	2.4	7.2
75°	22.3	13.8	6.6	1.7	0.2	1.0	1.0	1.0	0.2	1.7	6.6
77.5°	20.9	12.9	5.4	0.9	0.0	0.1	0.0	0.1	0.0	0.9	5.4
80°	19.0	10.4	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7
82.5°	17.0	7.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	14.8	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	14.5	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	17.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	14.5	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	14.8	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	17.0	7.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	19.0	10.4	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7
102.5°	20.9	12.9	5.4	0.9	0.0	0.1	0.0	0.1	0.0	0.9	5.4
105°	22.3	13.8	6.6	1.7	0.2	1.0	1.0	1.0	0.2	1.7	6.6
107.5°	23.5	14.9	7.2	2.4	0.4	1.0	1.0	1.0	0.4	2.4	7.2
110°	24.0	15.7	7.3	2.4	1.0	1.0	1.0	1.0	1.0	2.4	7.3



TEST NUMBER: P232002

CATALOG NUMBER: FVS4WM-4-LD4-40-2HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	24.6	15.8	7.7	2.7	1.1	1.0	1.0	1.0	1.1	2.7	7.7
115°	24.8	16.3	7.8	2.9	1.1	1.0	1.0	1.0	1.1	2.9	7.8
117.5°	24.5	15.6	8.0	2.9	1.0	1.0	1.0	1.0	1.0	2.9	8.0
120°	23.7	14.8	7.4	2.8	1.0	1.0	1.0	1.0	1.0	2.8	7.4
122.5°	23.5	14.7	6.6	2.7	1.1	1.0	1.0	1.0	1.1	2.7	6.6
125°	23.1	14.4	7.1	2.7	1.4	1.0	1.0	1.0	1.4	2.7	7.1
127.5°	22.5	14.0	7.3	2.2	1.3	1.0	1.0	1.0	1.3	2.2	7.3
130°	22.1	13.7	7.1	2.7	1.4	1.0	1.0	1.0	1.4	2.7	7.1
132.5°	21.0	13.2	6.2	2.9	1.2	1.0	1.0	1.0	1.2	2.9	6.2
135°	19.9	12.5	5.5	2.7	0.1	0.0	0.0	0.0	0.1	2.7	5.5
137.5°	19.4	11.9	6.4	3.3	0.9	0.5	0.0	0.5	0.9	3.3	6.4
140°	18.2	10.9	6.6	3.1	0.8	0.4	0.0	0.4	0.8	3.1	6.6
142.5°	16.9	10.6	6.5	2.5	0.8	0.4	0.0	0.4	0.8	2.5	6.5
145°	15.2	10.2	5.8	1.5	0.7	0.3	0.0	0.3	0.7	1.5	5.8
147.5°	14.1	9.5	5.0	1.1	0.7	0.3	0.0	0.3	0.7	1.1	5.0
150°	13.1	8.6	4.2	1.7	1.2	0.6	0.0	0.6	1.2	1.7	4.2
152.5°	11.7	7.2	2.7	1.6	1.1	0.5	0.0	0.5	1.1	1.6	2.7
155°	10.1	6.0	2.9	2.2	1.4	0.7	0.0	0.7	1.4	2.2	2.9
157.5°	8.4	4.7	3.4	2.5	1.7	0.8	0.0	0.8	1.7	2.5	3.4
160°	6.8	4.7	3.7	2.8	1.8	0.9	0.0	0.9	1.8	2.8	3.7
162.5°	5.8	4.8	3.8	2.9	1.9	0.9	0.0	0.9	1.9	2.9	3.8
165°	5.6	4.6	3.7	2.8	1.9	0.9	0.0	0.9	1.9	2.8	3.7
167.5°	4.7	3.9	3.1	2.3	1.6	0.8	0.0	0.8	1.6	2.3	3.1
170°	4.3	3.5	2.8	2.1	1.4	0.7	0.0	0.7	1.4	2.1	2.8
172.5°	3.6	3.0	2.4	1.8	1.2	0.6	0.0	0.6	1.2	1.8	2.4
175°	2.6	2.2	1.7	1.3	0.9	0.4	0.0	0.4	0.9	1.3	1.7
177.5°	1.4	1.2	1.0	0.7	0.5	0.2	0.0	0.2	0.5	0.7	1.0
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: P232002

CATALOG NUMBER: FVS4WM-4-LD4-40-2HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	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	1.7	1.9	2.1	2.3	2.6	2.8	3.0	3.2	3.4
5°	2.2	2.6	3.0	3.5	3.9	4.3	4.7	5.1	5.6	6.0	6.3
7.5°	3.0	3.6	4.1	4.7	5.3	5.9	6.5	7.1	7.7	8.2	8.8
10°	3.5	4.3	5.0	5.7	6.4	7.1	7.9	8.5	10.5	12.3	14.0
12.5°	3.9	4.7	5.5	6.3	7.2	9.1	11.4	13.7	16.0	18.2	20.4
15°	4.6	5.6	6.4	8.0	10.6	13.2	15.8	18.4	21.0	23.6	26.2
17.5°	4.8	5.8	8.0	11.1	14.1	17.0	19.9	22.8	25.7	29.0	32.8
20°	4.7	6.8	10.2	13.7	17.1	20.6	24.0	27.8	32.0	36.2	40.4
22.5°	4.7	8.4	12.2	15.9	19.7	23.5	28.4	33.4	38.2	42.9	47.5
25°	6.0	10.1	14.2	18.3	22.4	27.7	33.2	38.7	44.2	49.6	55.1
27.5°	7.2	11.7	16.2	20.4	26.6	32.3	38.0	43.7	49.9	56.1	62.4
30°	8.6	13.1	17.7	23.7	29.8	35.9	42.1	49.1	56.1	62.9	69.5
32.5°	9.5	14.1	20.0	26.8	33.5	39.7	47.3	54.6	62.1	69.2	77.1
35°	10.2	15.2	22.3	29.4	36.6	44.4	52.2	59.9	67.9	75.9	83.8
37.5°	10.6	16.9	24.3	31.9	40.0	48.2	56.5	64.9	73.4	81.9	90.2
40°	10.9	18.2	25.6	33.8	42.7	51.7	60.8	69.8	78.8	87.9	96.9
42.5°	11.9	19.4	27.4	36.1	45.0	54.6	64.4	74.3	84.1	93.6	103.1
45°	12.5	19.9	28.4	37.6	47.3	57.5	67.9	78.2	88.7	99.1	109.1
47.5°	13.2	21.0	29.7	39.0	49.2	59.7	70.7	82.1	92.9	103.6	114.4
50°	13.7	22.1	31.0	40.6	51.3	61.6	72.6	84.5	96.6	108.0	119.3
52.5°	14.0	22.5	31.9	41.7	52.1	63.3	74.7	87.0	99.8	112.0	124.2
55°	14.4	23.1	32.8	43.1	53.6	65.1	76.9	89.2	102.2	115.1	128.1
57.5°	14.7	23.5	33.2	43.6	54.6	66.2	78.6	91.4	105.0	118.2	131.4
60°	14.8	23.7	33.9	44.8	55.8	67.8	80.2	93.3	107.1	121.5	134.9
62.5°	15.6	24.5	34.3	44.8	56.2	68.6	81.4	94.9	109.3	124.2	138.5
65°	16.3	24.8	34.0	44.8	56.9	69.4	82.3	96.1	111.1	127.1	141.5
67.5°	15.8	24.6	34.3	45.2	57.0	69.9	83.2	97.6	113.5	129.8	144.4
70°	15.7	24.0	33.7	44.9	56.6	69.8	83.8	99.4	115.6	132.3	146.7
72.5°	14.9	23.5	32.9	44.1	56.3	70.2	84.9	101.1	117.8	133.7	148.0
75°	13.8	22.3	32.4	43.6	56.8	70.5	86.0	103.1	120.1	135.0	148.5
77.5°	12.9	20.9	31.1	43.1	56.7	71.3	87.9	105.1	121.5	136.1	149.3
80°	10.4	19.0	30.0	42.1	56.6	73.0	90.6	106.7	121.5	135.9	149.4
82.5°	7.4	17.0	28.2	41.6	57.7	75.2	91.3	106.1	120.9	135.4	148.8
85°	4.0	14.8	27.5	43.4	60.0	75.4	90.3	105.1	119.3	134.9	148.8
87.5°	1.2	14.5	29.7	44.9	59.8	74.5	89.5	104.5	118.5	134.6	149.4
90°	0.0	17.0	30.0	44.0	60.0	74.0	89.0	105.0	118.0	135.0	149.0
92.5°	1.2	14.5	29.7	44.9	59.8	74.5	89.5	104.5	118.5	134.6	149.4
95°	4.0	14.8	27.5	43.4	60.0	75.4	90.3	105.1	119.3	134.9	148.8
97.5°	7.4	17.0	28.2	41.6	57.7	75.2	91.3	106.1	120.9	135.4	148.8
100°	10.4	19.0	30.0	42.1	56.6	73.0	90.6	106.7	121.5	135.9	149.4
102.5°	12.9	20.9	31.1	43.1	56.7	71.3	87.9	105.1	121.5	136.1	149.3
105°	13.8	22.3	32.4	43.6	56.8	70.5	86.0	103.1	120.1	135.0	148.5
107.5°	14.9	23.5	32.9	44.1	56.3	70.2	84.9	101.1	117.8	133.7	148.0
110°	15.7	24.0	33.7	44.9	56.6	69.8	83.8	99.4	115.6	132.3	146.7



TEST NUMBER: P232002

CATALOG NUMBER: FVS4WM-4-LD4-40-2HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
112.5°	15.8	24.6	34.3	45.2	57.0	69.9	83.2	97.6	113.5	129.8	144.4
115°	16.3	24.8	34.0	44.8	56.9	69.4	82.3	96.1	111.1	127.1	141.5
117.5°	15.6	24.5	34.3	44.8	56.2	68.6	81.4	94.9	109.3	124.2	138.5
120°	14.8	23.7	33.9	44.8	55.8	67.8	80.2	93.3	107.1	121.5	134.9
122.5°	14.7	23.5	33.2	43.6	54.6	66.2	78.6	91.4	105.0	118.2	131.4
125°	14.4	23.1	32.8	43.1	53.6	65.1	76.9	89.2	102.2	115.1	128.1
127.5°	14.0	22.5	31.9	41.7	52.1	63.3	74.7	87.0	99.8	112.0	124.2
130°	13.7	22.1	31.0	40.6	51.3	61.6	72.6	84.5	96.6	108.0	119.3
132.5°	13.2	21.0	29.7	39.0	49.2	59.7	70.7	82.1	92.9	103.6	114.4
135°	12.5	19.9	28.4	37.6	47.3	57.5	67.9	78.2	88.7	99.1	109.1
137.5°	11.9	19.4	27.4	36.1	45.0	54.6	64.4	74.3	84.1	93.6	103.1
140°	10.9	18.2	25.6	33.8	42.7	51.7	60.8	69.8	78.8	87.9	96.9
142.5°	10.6	16.9	24.3	31.9	40.0	48.2	56.5	64.9	73.4	81.9	90.2
145°	10.2	15.2	22.3	29.4	36.6	44.4	52.2	59.9	67.9	75.9	83.8
147.5°	9.5	14.1	20.0	26.8	33.5	39.7	47.3	54.6	62.1	69.2	77.1
150°	8.6	13.1	17.7	23.7	29.8	35.9	42.1	49.1	56.1	62.9	69.5
152.5°	7.2	11.7	16.2	20.4	26.6	32.3	38.0	43.7	49.9	56.1	62.4
155°	6.0	10.1	14.2	18.3	22.4	27.7	33.2	38.7	44.2	49.6	55.1
157.5°	4.7	8.4	12.2	15.9	19.7	23.5	28.4	33.4	38.2	42.9	47.5
160°	4.7	6.8	10.2	13.7	17.1	20.6	24.0	27.8	32.0	36.2	40.4
162.5°	4.8	5.8	8.0	11.1	14.1	17.0	19.9	22.8	25.7	29.0	32.8
165°	4.6	5.6	6.4	8.0	10.6	13.2	15.8	18.4	21.0	23.6	26.2
167.5°	3.9	4.7	5.5	6.3	7.2	9.1	11.4	13.7	16.0	18.2	20.4
170°	3.5	4.3	5.0	5.7	6.4	7.1	7.9	8.5	10.5	12.3	14.0
172.5°	3.0	3.6	4.1	4.7	5.3	5.9	6.5	7.1	7.7	8.2	8.8
175°	2.2	2.6	3.0	3.5	3.9	4.3	4.7	5.1	5.6	6.0	6.3
177.5°	1.2	1.4	1.7	1.9	2.1	2.3	2.6	2.8	3.0	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: P232002

CATALOG NUMBER: FVS4WM-4-LD4-40-2HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	3.6	3.8	4.0	4.2	4.4	4.5	4.7	4.8	5.0	5.1	5.2
5°	6.7	7.1	7.5	7.9	8.2	8.6	8.9	9.2	9.5	9.8	10.1
7.5°	9.4	9.8	11.4	12.6	13.7	14.8	15.9	16.9	17.9	18.8	19.7
10°	15.7	17.3	18.9	20.5	22.1	23.5	25.0	26.4	27.7	29.0	30.2
12.5°	22.5	24.5	26.5	28.3	30.1	31.9	34.1	36.2	38.3	40.3	42.2
15°	28.8	31.7	34.8	37.8	40.5	43.1	45.7	48.1	50.5	52.9	55.2
17.5°	36.5	40.1	43.6	47.1	50.5	53.8	57.0	59.9	62.9	65.7	68.5
20°	44.6	48.7	52.6	56.3	60.4	64.5	68.5	72.4	76.1	79.5	82.6
22.5°	52.1	57.1	62.1	66.9	71.4	75.8	80.0	84.4	88.7	92.8	96.4
25°	60.6	66.1	71.6	76.9	82.0	87.0	91.9	96.6	101.2	105.6	109.6
27.5°	68.5	74.7	80.7	86.7	92.4	98.0	103.6	108.9	114.0	118.9	123.1
30°	76.0	82.8	89.6	96.1	102.4	108.4	114.5	120.4	126.0	131.2	136.2
32.5°	84.2	91.2	98.1	105.3	112.5	119.0	125.1	131.3	137.4	143.2	148.8
35°	91.8	99.6	106.9	114.3	121.9	129.5	136.3	142.4	148.7	154.9	160.9
37.5°	98.9	107.2	115.1	123.0	131.0	138.8	146.5	153.4	159.8	166.5	173.1
40°	105.8	114.8	123.4	131.5	139.6	147.7	155.8	163.9	170.6	177.2	183.9
42.5°	112.5	121.8	131.0	140.0	148.2	156.7	164.7	172.9	180.8	187.8	194.7
45°	118.8	128.5	138.2	147.5	156.5	165.1	173.7	182.1	190.1	197.6	204.8
47.5°	124.7	134.7	144.6	154.9	164.3	173.1	181.9	190.2	198.6	207.0	214.7
50°	130.3	140.8	150.7	161.1	171.1	180.3	189.6	198.5	206.8	215.6	223.8
52.5°	136.0	146.5	156.9	167.5	177.7	187.3	196.9	206.1	214.8	223.9	233.0
55°	140.0	151.5	162.6	173.4	183.7	193.9	204.0	213.5	222.5	231.5	240.9
57.5°	143.9	155.9	167.6	179.0	189.6	199.9	210.1	219.9	229.4	238.9	248.4
60°	147.8	160.5	172.2	183.6	194.5	205.3	216.2	226.0	235.8	245.4	254.7
62.5°	151.5	164.0	176.1	188.1	199.2	210.1	221.2	231.5	241.6	251.7	261.1
65°	154.9	167.4	179.2	191.8	203.6	214.8	226.0	236.7	246.6	256.8	266.2
67.5°	157.4	169.6	181.7	194.7	207.2	218.6	229.8	241.2	251.5	261.9	271.2
70°	159.3	171.9	184.5	197.3	210.6	222.1	233.6	244.9	255.3	265.9	275.6
72.5°	161.6	174.5	187.2	199.4	212.6	224.7	236.8	248.4	259.1	269.6	279.6
75°	162.6	175.6	189.5	201.8	214.3	226.9	239.1	250.8	261.4	271.9	282.2
77.5°	162.9	176.4	189.8	203.0	215.9	228.6	241.3	253.0	263.7	274.1	284.5
80°	163.4	177.1	190.3	203.6	216.8	229.4	242.2	254.0	264.9	275.7	286.4
82.5°	163.3	177.3	191.1	204.2	217.3	230.2	243.1	254.9	266.0	276.7	287.5
85°	163.4	177.4	191.4	205.0	218.0	230.4	244.0	255.3	267.0	277.2	288.2
87.5°	163.4	177.6	191.3	205.3	218.2	230.6	244.2	255.6	267.5	277.1	288.5
90°	163.0	178.0	191.0	205.0	218.0	231.0	244.0	256.0	268.0	277.0	289.0
92.5°	163.4	177.6	191.3	205.3	218.2	230.6	244.2	255.6	267.5	277.1	288.5
95°	163.4	177.4	191.4	205.0	218.0	230.4	244.0	255.3	267.0	277.2	288.2
97.5°	163.3	177.3	191.1	204.2	217.3	230.2	243.1	254.9	266.0	276.7	287.5
100°	163.4	177.1	190.3	203.6	216.8	229.4	242.2	254.0	264.9	275.7	286.4
102.5°	162.9	176.4	189.8	203.0	215.9	228.6	241.3	253.0	263.7	274.1	284.5
105°	162.6	175.6	189.5	201.8	214.3	226.9	239.1	250.8	261.4	271.9	282.2
107.5°	161.6	174.5	187.2	199.4	212.6	224.7	236.8	248.4	259.1	269.6	279.6
110°	159.3	171.9	184.5	197.3	210.6	222.1	233.6	244.9	255.3	265.9	275.6



TEST NUMBER: P232002

CATALOG NUMBER: FVS4WM-4-LD4-40-2HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	157.4	169.6	181.7	194.7	207.2	218.6	229.8	241.2	251.5	261.9	271.2
115°	154.9	167.4	179.2	191.8	203.6	214.8	226.0	236.7	246.6	256.8	266.2
117.5°	151.5	164.0	176.1	188.1	199.2	210.1	221.2	231.5	241.6	251.7	261.1
120°	147.8	160.5	172.2	183.6	194.5	205.3	216.2	226.0	235.8	245.4	254.7
122.5°	143.9	155.9	167.6	179.0	189.6	199.9	210.1	219.9	229.4	238.9	248.4
125°	140.0	151.5	162.6	173.4	183.7	193.9	204.0	213.5	222.5	231.5	240.9
127.5°	136.0	146.5	156.9	167.5	177.7	187.3	196.9	206.1	214.8	223.9	233.0
130°	130.3	140.8	150.7	161.1	171.1	180.3	189.6	198.5	206.8	215.6	223.8
132.5°	124.7	134.7	144.6	154.9	164.3	173.1	181.9	190.2	198.6	207.0	214.7
135°	118.8	128.5	138.2	147.5	156.5	165.1	173.7	182.1	190.1	197.6	204.8
137.5°	112.5	121.8	131.0	140.0	148.2	156.7	164.7	172.9	180.8	187.8	194.7
140°	105.8	114.8	123.4	131.5	139.6	147.7	155.8	163.9	170.6	177.2	183.9
142.5°	98.9	107.2	115.1	123.0	131.0	138.8	146.5	153.4	159.8	166.5	173.1
145°	91.8	99.6	106.9	114.3	121.9	129.5	136.3	142.4	148.7	154.9	160.9
147.5°	84.2	91.2	98.1	105.3	112.5	119.0	125.1	131.3	137.4	143.2	148.8
150°	76.0	82.8	89.6	96.1	102.4	108.4	114.5	120.4	126.0	131.2	136.2
152.5°	68.5	74.7	80.7	86.7	92.4	98.0	103.6	108.9	114.0	118.9	123.1
155°	60.6	66.1	71.6	76.9	82.0	87.0	91.9	96.6	101.2	105.6	109.6
157.5°	52.1	57.1	62.1	66.9	71.4	75.8	80.0	84.4	88.7	92.8	96.4
160°	44.6	48.7	52.6	56.3	60.4	64.5	68.5	72.4	76.1	79.5	82.6
162.5°	36.5	40.1	43.6	47.1	50.5	53.8	57.0	59.9	62.9	65.7	68.5
165°	28.8	31.7	34.8	37.8	40.5	43.1	45.7	48.1	50.5	52.9	55.2
167.5°	22.5	24.5	26.5	28.3	30.1	31.9	34.1	36.2	38.3	40.3	42.2
170°	15.7	17.3	18.9	20.5	22.1	23.5	25.0	26.4	27.7	29.0	30.2
172.5°	9.4	9.8	11.4	12.6	13.7	14.8	15.9	16.9	17.9	18.8	19.7
175°	6.7	7.1	7.5	7.9	8.2	8.6	8.9	9.2	9.5	9.8	10.1
177.5°	3.6	3.8	4.0	4.2	4.4	4.5	4.7	4.8	5.0	5.1	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: P232002

CATALOG NUMBER: FVS4WM-4-LD4-40-2HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	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	5.5	5.6	5.7	5.8	5.8	5.9	5.9	6.0	6.0	6.5
5°	10.4	10.6	10.9	11.1	11.3	11.5	11.6	11.8	11.9	12.0	13.0
7.5°	20.5	21.3	22.0	22.7	23.3	23.9	24.4	24.8	25.2	25.5	27.1
10°	31.3	32.4	33.4	34.3	35.2	36.2	37.0	37.8	38.4	39.0	41.2
12.5°	44.0	45.6	47.0	48.4	49.6	50.8	52.1	53.2	54.2	55.0	57.7
15°	57.4	59.6	61.3	62.9	64.3	65.6	67.1	68.6	69.9	71.0	74.3
17.5°	71.3	73.8	76.2	78.3	80.2	81.8	83.4	85.2	86.7	88.0	92.0
20°	85.7	88.6	91.3	93.8	96.0	98.0	99.9	101.8	103.5	105.0	109.7
22.5°	99.8	103.1	106.1	109.0	111.6	113.9	115.9	118.0	120.1	122.0	127.4
25°	113.5	117.2	120.7	124.1	127.2	129.7	132.0	134.2	136.7	139.0	145.2
27.5°	127.1	131.3	135.2	138.9	142.2	145.2	147.6	149.8	152.5	155.0	161.8
30°	140.9	145.5	149.7	153.6	157.3	160.6	163.1	165.4	168.3	171.0	178.3
32.5°	154.1	159.1	163.6	167.8	171.6	175.1	177.8	180.2	183.4	186.5	194.1
35°	166.5	171.8	176.8	181.4	185.7	189.4	192.5	194.9	198.4	202.0	209.9
37.5°	178.8	184.3	189.4	194.2	198.9	202.5	205.7	208.3	211.9	216.0	224.4
40°	190.2	196.1	201.5	206.6	211.4	215.4	218.9	221.6	225.4	230.0	238.8
42.5°	201.2	207.4	213.2	218.6	223.5	227.8	231.3	234.2	238.1	243.0	252.3
45°	211.4	217.9	224.0	229.8	235.4	240.3	243.4	246.8	250.9	256.0	265.8
47.5°	221.7	228.3	234.5	240.5	246.3	251.7	254.7	258.1	262.2	267.5	277.7
50°	231.3	238.4	244.9	251.0	257.0	262.7	266.0	269.4	273.5	279.0	289.6
52.5°	240.6	247.8	254.5	260.7	266.6	272.3	276.2	279.7	283.8	289.5	301.3
55°	248.6	256.0	263.1	269.9	275.9	281.7	286.2	290.0	294.2	300.0	313.0
57.5°	256.6	264.0	271.3	277.8	284.1	289.9	294.6	298.4	302.6	309.0	322.0
60°	263.6	271.5	279.7	285.3	291.8	297.9	302.9	306.8	311.0	318.0	330.9
62.5°	270.1	278.3	286.1	292.3	298.8	305.0	310.0	314.2	318.8	325.5	339.2
65°	275.3	284.2	291.9	298.8	305.7	311.9	316.9	321.7	326.6	333.0	347.4
67.5°	280.3	289.4	297.2	304.2	311.1	317.6	323.1	327.5	332.0	339.0	352.8
70°	284.8	293.9	302.1	309.2	316.2	323.1	329.3	333.3	337.4	345.0	358.1
72.5°	288.7	297.8	306.2	313.4	320.5	327.6	333.4	337.8	341.8	349.5	363.3
75°	291.5	301.1	309.8	317.6	324.7	332.3	337.3	342.2	346.2	354.0	369.0
77.5°	293.8	303.5	312.3	320.4	327.2	334.8	340.2	345.1	349.2	357.0	372.0
80°	295.6	305.5	314.5	323.2	329.4	337.2	343.1	348.1	352.1	360.0	375.0
82.5°	296.9	306.9	316.2	324.3	331.2	338.6	344.6	349.6	353.6	362.0	377.0
85°	298.1	308.1	318.0	325.1	333.0	340.0	346.0	351.0	355.0	364.0	379.0
87.5°	298.1	308.5	318.1	325.5	333.0	340.5	346.5	351.5	355.5	364.0	379.5
90°	298.0	309.0	318.0	326.0	333.0	341.0	347.0	352.0	356.0	364.0	380.0
92.5°	298.1	308.5	318.1	325.5	333.0	340.5	346.5	351.5	355.5	364.0	379.5
95°	298.1	308.1	318.0	325.1	333.0	340.0	346.0	351.0	355.0	364.0	379.0
97.5°	296.9	306.9	316.2	324.3	331.2	338.6	344.6	349.6	353.6	362.0	377.0
100°	295.6	305.5	314.5	323.2	329.4	337.2	343.1	348.1	352.1	360.0	375.0
102.5°	293.8	303.5	312.3	320.4	327.2	334.8	340.2	345.1	349.2	357.0	372.0
105°	291.5	301.1	309.8	317.6	324.7	332.3	337.3	342.2	346.2	354.0	369.0
107.5°	288.7	297.8	306.2	313.4	320.5	327.6	333.4	337.8	341.8	349.5	363.3
110°	284.8	293.9	302.1	309.2	316.2	323.1	329.3	333.3	337.4	345.0	358.1



TEST NUMBER: P232002

CATALOG NUMBER: FVS4WM-4-LD4-40-2HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
112.5°	280.3	289.4	297.2	304.2	311.1	317.6	323.1	327.5	332.0	339.0	352.8
115°	275.3	284.2	291.9	298.8	305.7	311.9	316.9	321.7	326.6	333.0	347.4
117.5°	270.1	278.3	286.1	292.3	298.8	305.0	310.0	314.2	318.8	325.5	339.2
120°	263.6	271.5	279.7	285.3	291.8	297.9	302.9	306.8	311.0	318.0	330.9
122.5°	256.6	264.0	271.3	277.8	284.1	289.9	294.6	298.4	302.6	309.0	322.0
125°	248.6	256.0	263.1	269.9	275.9	281.7	286.2	290.0	294.2	300.0	313.0
127.5°	240.6	247.8	254.5	260.7	266.6	272.3	276.2	279.7	283.8	289.5	301.3
130°	231.3	238.4	244.9	251.0	257.0	262.7	266.0	269.4	273.5	279.0	289.6
132.5°	221.7	228.3	234.5	240.5	246.3	251.7	254.7	258.1	262.2	267.5	277.7
135°	211.4	217.9	224.0	229.8	235.4	240.3	243.4	246.8	250.9	256.0	265.8
137.5°	201.2	207.4	213.2	218.6	223.5	227.8	231.3	234.2	238.1	243.0	252.3
140°	190.2	196.1	201.5	206.6	211.4	215.4	218.9	221.6	225.4	230.0	238.8
142.5°	178.8	184.3	189.4	194.2	198.9	202.5	205.7	208.3	211.9	216.0	224.4
145°	166.5	171.8	176.8	181.4	185.7	189.4	192.5	194.9	198.4	202.0	209.9
147.5°	154.1	159.1	163.6	167.8	171.6	175.1	177.8	180.2	183.4	186.5	194.1
150°	140.9	145.5	149.7	153.6	157.3	160.6	163.1	165.4	168.3	171.0	178.3
152.5°	127.1	131.3	135.2	138.9	142.2	145.2	147.6	149.8	152.5	155.0	161.8
155°	113.5	117.2	120.7	124.1	127.2	129.7	132.0	134.2	136.7	139.0	145.2
157.5°	99.8	103.1	106.1	109.0	111.6	113.9	115.9	118.0	120.1	122.0	127.4
160°	85.7	88.6	91.3	93.8	96.0	98.0	99.9	101.8	103.5	105.0	109.7
162.5°	71.3	73.8	76.2	78.3	80.2	81.8	83.4	85.2	86.7	88.0	92.0
165°	57.4	59.6	61.3	62.9	64.3	65.6	67.1	68.6	69.9	71.0	74.3
167.5°	44.0	45.6	47.0	48.4	49.6	50.8	52.1	53.2	54.2	55.0	57.7
170°	31.3	32.4	33.4	34.3	35.2	36.2	37.0	37.8	38.4	39.0	41.2
172.5°	20.5	21.3	22.0	22.7	23.3	23.9	24.4	24.8	25.2	25.5	27.1
175°	10.4	10.6	10.9	11.1	11.3	11.5	11.6	11.8	11.9	12.0	13.0
177.5°	5.4	5.5	5.6	5.7	5.8	5.8	5.9	5.9	6.0	6.0	6.5
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: P232002

CATALOG NUMBER: FVS4WM-4-LD4-40-2HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	7.0	7.5	8.0	8.5	8.9	9.3	9.7	10.1	10.5	10.9	11.2
5°	14.0	15.0	16.0	16.9	17.8	18.7	19.5	20.3	21.0	21.7	22.4
7.5°	28.6	30.0	31.4	32.6	33.8	34.8	36.2	39.0	41.8	44.4	46.9
10°	43.3	45.3	47.2	48.9	51.0	54.8	58.6	62.2	65.7	69.0	72.4
12.5°	60.3	62.8	65.0	68.2	73.3	78.1	82.7	87.0	92.3	98.6	104.8
15°	77.4	80.3	83.5	90.0	96.3	102.3	108.3	115.8	123.1	130.2	138.2
17.5°	95.7	99.2	105.5	113.1	120.3	127.9	136.9	145.3	153.3	163.0	173.4
20°	114.1	118.6	127.5	136.2	144.8	155.9	166.5	176.6	188.2	199.5	210.7
22.5°	132.5	139.5	149.5	159.2	170.8	183.0	195.0	208.5	221.2	233.7	247.5
25°	151.1	160.4	171.5	182.8	195.5	208.1	223.8	239.6	255.0	270.6	285.7
27.5°	168.3	179.3	191.0	204.8	219.4	235.4	253.5	271.5	289.7	306.9	323.3
30°	185.4	197.6	209.8	227.2	245.2	263.3	282.2	302.8	322.9	341.9	359.9
32.5°	202.4	215.8	230.5	249.6	269.2	289.8	311.3	334.1	356.5	377.7	397.6
35°	219.3	234.0	251.4	271.5	293.6	317.2	340.3	364.3	387.9	410.9	433.0
37.5°	235.3	250.9	270.9	292.6	317.4	342.3	368.0	393.4	420.0	443.2	467.4
40°	251.1	267.6	290.0	314.1	340.8	367.3	393.8	421.3	448.6	475.6	501.4
42.5°	265.7	283.2	308.0	334.4	362.2	390.8	419.6	449.2	478.8	507.1	533.9
45°	280.2	299.4	325.8	353.5	382.8	413.7	444.3	475.2	506.8	535.9	564.2
47.5°	293.3	314.4	341.8	371.5	403.4	436.5	468.1	500.8	532.9	564.9	592.6
50°	306.3	329.1	357.6	389.1	424.0	458.4	491.2	524.8	557.4	589.1	620.2
52.5°	319.2	343.2	372.4	405.1	442.1	478.0	512.8	547.4	581.2	614.4	646.9
55°	332.1	356.9	386.8	420.6	458.1	495.3	532.1	568.1	603.2	638.9	672.5
57.5°	342.7	368.7	399.3	434.5	473.5	512.8	550.8	587.7	625.2	662.6	697.2
60°	353.1	379.9	411.2	447.9	489.0	530.2	568.0	605.3	644.9	682.2	716.9
62.5°	360.9	389.2	422.6	461.2	503.0	544.4	583.6	622.1	663.6	699.5	735.8
65°	368.3	398.3	434.0	474.0	515.2	556.3	597.9	638.8	679.5	717.2	754.5
67.5°	375.0	406.0	443.5	484.1	526.0	568.5	611.2	653.2	694.0	735.1	771.7
70°	381.7	413.3	452.6	492.9	536.4	580.4	622.6	665.2	707.3	747.4	786.3
72.5°	387.0	419.8	459.9	500.7	545.0	589.3	632.2	676.5	718.6	759.3	799.3
75°	392.2	426.1	466.7	507.9	552.4	596.2	640.9	686.6	728.0	769.1	809.9
77.5°	395.8	430.3	470.8	513.0	557.9	602.1	647.7	693.7	735.3	777.5	819.5
80°	400.0	434.2	474.4	517.4	562.4	607.5	652.8	698.2	740.5	784.5	825.4
82.5°	402.5	438.4	479.4	521.0	567.2	611.9	657.0	703.4	745.8	790.3	829.8
85°	405.0	441.0	481.9	524.9	572.8	616.8	661.8	710.5	750.8	794.6	832.9
87.5°	405.5	441.0	481.5	527.0	573.5	617.5	663.4	709.6	752.6	796.1	835.4
90°	406.0	441.0	481.0	529.0	574.0	618.0	665.0	708.0	752.0	795.0	836.0
92.5°	405.5	441.0	481.5	527.0	573.5	617.5	663.4	709.6	752.6	796.1	835.4
95°	405.0	441.0	481.9	524.9	572.8	616.8	661.8	710.5	750.8	794.6	832.9
97.5°	402.5	438.4	479.4	521.0	567.2	611.9	657.0	703.4	745.8	790.3	829.8
100°	400.0	434.2	474.4	517.4	562.4	607.5	652.8	698.2	740.5	784.5	825.4
102.5°	395.8	430.3	470.8	513.0	557.9	602.1	647.7	693.7	735.3	777.5	819.5
105°	392.2	426.1	466.7	507.9	552.4	596.2	640.9	686.6	728.0	769.1	809.9
107.5°	387.0	419.8	459.9	500.7	545.0	589.3	632.2	676.5	718.6	759.3	799.3
110°	381.7	413.3	452.6	492.9	536.4	580.4	622.6	665.2	707.3	747.4	786.3



TEST NUMBER: P232002

CATALOG NUMBER: FVS4WM-4-LD4-40-2HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	375.0	406.0	443.5	484.1	526.0	568.5	611.2	653.2	694.0	735.1	771.7
115°	368.3	398.3	434.0	474.0	515.2	556.3	597.9	638.8	679.5	717.2	754.5
117.5°	360.9	389.2	422.6	461.2	503.0	544.4	583.6	622.1	663.6	699.5	735.8
120°	353.1	379.9	411.2	447.9	489.0	530.2	568.0	605.3	644.9	682.2	716.9
122.5°	342.7	368.7	399.3	434.5	473.5	512.8	550.8	587.7	625.2	662.6	697.2
125°	332.1	356.9	386.8	420.6	458.1	495.3	532.1	568.1	603.2	638.9	672.5
127.5°	319.2	343.2	372.4	405.1	442.1	478.0	512.8	547.4	581.2	614.4	646.9
130°	306.3	329.1	357.6	389.1	424.0	458.4	491.2	524.8	557.4	589.1	620.2
132.5°	293.3	314.4	341.8	371.5	403.4	436.5	468.1	500.8	532.9	564.9	592.6
135°	280.2	299.4	325.8	353.5	382.8	413.7	444.3	475.2	506.8	535.9	564.2
137.5°	265.7	283.2	308.0	334.4	362.2	390.8	419.6	449.2	478.8	507.1	533.9
140°	251.1	267.6	290.0	314.1	340.8	367.3	393.8	421.3	448.6	475.6	501.4
142.5°	235.3	250.9	270.9	292.6	317.4	342.3	368.0	393.4	420.0	443.2	467.4
145°	219.3	234.0	251.4	271.5	293.6	317.2	340.3	364.3	387.9	410.9	433.0
147.5°	202.4	215.8	230.5	249.6	269.2	289.8	311.3	334.1	356.5	377.7	397.6
150°	185.4	197.6	209.8	227.2	245.2	263.3	282.2	302.8	322.9	341.9	359.9
152.5°	168.3	179.3	191.0	204.8	219.4	235.4	253.5	271.5	289.7	306.9	323.3
155°	151.1	160.4	171.5	182.8	195.5	208.1	223.8	239.6	255.0	270.6	285.7
157.5°	132.5	139.5	149.5	159.2	170.8	183.0	195.0	208.5	221.2	233.7	247.5
160°	114.1	118.6	127.5	136.2	144.8	155.9	166.5	176.6	188.2	199.5	210.7
162.5°	95.7	99.2	105.5	113.1	120.3	127.9	136.9	145.3	153.3	163.0	173.4
165°	77.4	80.3	83.5	90.0	96.3	102.3	108.3	115.8	123.1	130.2	138.2
167.5°	60.3	62.8	65.0	68.2	73.3	78.1	82.7	87.0	92.3	98.6	104.8
170°	43.3	45.3	47.2	48.9	51.0	54.8	58.6	62.2	65.7	69.0	72.4
172.5°	28.6	30.0	31.4	32.6	33.8	34.8	36.2	39.0	41.8	44.4	46.9
175°	14.0	15.0	16.0	16.9	17.8	18.7	19.5	20.3	21.0	21.7	22.4
177.5°	7.0	7.5	8.0	8.5	8.9	9.3	9.7	10.1	10.5	10.9	11.2
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: P232002

CATALOG NUMBER: FVS4WM-4-LD4-40-2HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	11.5	11.8	12.1	12.3	12.5	12.7	12.9	13.0	13.2	13.3	13.3
5°	24.3	26.2	28.0	29.7	31.3	32.8	34.2	35.5	36.7	37.8	38.7
7.5°	49.3	51.5	53.6	55.6	57.6	60.1	61.9	64.8	67.3	69.6	71.7
10°	77.1	81.7	86.1	90.1	93.8	97.1	100.1	103.1	106.2	109.0	111.5
12.5°	110.7	116.5	122.0	127.1	132.0	136.7	141.2	145.4	149.4	153.6	157.7
15°	145.3	152.9	159.9	166.1	171.9	178.3	184.2	190.2	196.2	201.7	206.6
17.5°	183.5	194.3	201.8	210.1	218.1	225.5	232.9	240.1	246.7	252.6	258.4
20°	222.2	233.3	243.8	253.9	263.9	273.5	282.4	290.4	297.5	304.0	309.9
22.5°	260.8	273.8	287.1	299.6	311.5	320.7	329.5	337.6	346.0	354.5	361.7
25°	301.0	316.4	333.6	344.6	356.2	366.9	378.2	388.8	398.6	407.1	414.7
27.5°	339.6	356.0	371.9	386.8	401.7	415.9	430.9	439.6	449.4	458.4	466.3
30°	377.7	395.7	413.6	431.9	448.9	462.9	475.5	487.5	498.5	508.2	517.9
32.5°	416.9	436.7	457.2	476.5	492.0	506.4	520.6	533.9	546.2	556.4	565.5
35°	454.7	477.3	497.8	515.3	532.4	549.4	565.1	580.2	593.5	604.5	614.1
37.5°	491.5	514.4	534.5	554.2	573.9	591.8	608.6	624.9	638.8	652.0	660.5
40°	526.4	549.7	571.9	593.6	613.6	631.4	649.1	666.3	681.3	694.5	705.6
42.5°	559.4	584.1	608.1	630.9	652.2	671.1	689.8	707.7	725.6	736.4	748.1
45°	591.4	617.0	642.1	666.5	688.3	708.2	727.8	746.3	761.7	775.4	787.5
47.5°	621.1	648.6	675.2	700.1	722.4	744.2	764.4	782.0	798.7	813.3	825.9
50°	650.5	679.1	706.4	731.8	756.0	779.1	798.5	817.4	836.8	849.9	863.5
52.5°	678.5	707.8	735.9	762.9	789.4	811.4	831.9	852.8	868.8	883.8	897.8
55°	704.7	734.8	764.8	791.4	818.0	843.4	863.1	882.6	900.5	915.1	930.0
57.5°	728.8	759.7	789.6	818.9	845.3	869.3	891.4	912.2	930.1	945.5	960.7
60°	751.6	783.7	814.3	843.0	869.9	895.2	918.6	939.3	957.7	973.8	989.3
62.5°	771.5	804.6	836.3	865.5	893.9	919.6	943.0	964.3	983.1	1000.8	1016.3
65°	790.2	823.9	855.8	885.8	914.5	941.5	965.0	987.2	1007.6	1026.2	1041.6
67.5°	807.3	841.1	873.9	904.4	933.3	960.6	985.6	1009.0	1030.3	1047.8	1064.4
70°	822.1	857.1	890.9	922.1	951.7	978.6	1004.1	1027.6	1048.4	1066.8	1086.0
72.5°	835.6	871.4	904.5	936.9	966.7	995.5	1020.2	1043.7	1064.8	1085.1	1103.1
75°	847.5	882.7	916.5	949.1	978.5	1007.2	1034.0	1057.7	1079.8	1101.1	1117.9
77.5°	857.5	892.2	926.4	958.9	989.2	1018.1	1044.8	1069.1	1091.4	1112.0	1130.0
80°	864.4	899.2	934.3	967.4	998.3	1026.7	1053.1	1078.7	1102.0	1121.7	1139.7
82.5°	869.9	904.6	940.6	974.5	1005.4	1033.3	1059.1	1084.7	1108.2	1128.4	1146.6
85°	872.8	908.4	944.3	977.0	1007.4	1037.1	1063.2	1088.0	1111.5	1132.5	1150.8
87.5°	874.2	911.0	947.0	979.1	1010.1	1040.1	1066.4	1090.1	1113.9	1135.0	1154.2
90°	873.0	911.0	947.0	979.1	1012.1	1040.1	1067.1	1090.1	1113.1	1134.1	1155.1
92.5°	874.2	911.0	947.0	979.1	1010.1	1040.1	1066.4	1090.1	1113.9	1135.0	1154.2
95°	872.8	908.4	944.3	977.0	1007.4	1037.1	1063.2	1088.0	1111.5	1132.5	1150.8
97.5°	869.9	904.6	940.6	974.5	1005.4	1033.3	1059.1	1084.7	1108.2	1128.4	1146.6
100°	864.4	899.2	934.3	967.4	998.3	1026.7	1053.1	1078.7	1102.0	1121.7	1139.7
102.5°	857.5	892.2	926.4	958.9	989.2	1018.1	1044.8	1069.1	1091.4	1112.0	1130.0
105°	847.5	882.7	916.5	949.1	978.5	1007.2	1034.0	1057.7	1079.8	1101.1	1117.9
107.5°	835.6	871.4	904.5	936.9	966.7	995.5	1020.2	1043.7	1064.8	1085.1	1103.1
110°	822.1	857.1	890.9	922.1	951.7	978.6	1004.1	1027.6	1048.4	1066.8	1086.0



TEST NUMBER: P232002

CATALOG NUMBER: FVS4WM-4-LD4-40-2HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
112.5°	807.3	841.1	873.9	904.4	933.3	960.6	985.6	1009.0	1030.3	1047.8	1064.4
115°	790.2	823.9	855.8	885.8	914.5	941.5	965.0	987.2	1007.6	1026.2	1041.6
117.5°	771.5	804.6	836.3	865.5	893.9	919.6	943.0	964.3	983.1	1000.8	1016.3
120°	751.6	783.7	814.3	843.0	869.9	895.2	918.6	939.3	957.7	973.8	989.3
122.5°	728.8	759.7	789.6	818.9	845.3	869.3	891.4	912.2	930.1	945.5	960.7
125°	704.7	734.8	764.8	791.4	818.0	843.4	863.1	882.6	900.5	915.1	930.0
127.5°	678.5	707.8	735.9	762.9	789.4	811.4	831.9	852.8	868.8	883.8	897.8
130°	650.5	679.1	706.4	731.8	756.0	779.1	798.5	817.4	836.8	849.9	863.5
132.5°	621.1	648.6	675.2	700.1	722.4	744.2	764.4	782.0	798.7	813.3	825.9
135°	591.4	617.0	642.1	666.5	688.3	708.2	727.8	746.3	761.7	775.4	787.5
137.5°	559.4	584.1	608.1	630.9	652.2	671.1	689.8	707.7	725.6	736.4	748.1
140°	526.4	549.7	571.9	593.6	613.6	631.4	649.1	666.3	681.3	694.5	705.6
142.5°	491.5	514.4	534.5	554.2	573.9	591.8	608.6	624.9	638.8	652.0	660.5
145°	454.7	477.3	497.8	515.3	532.4	549.4	565.1	580.2	593.5	604.5	614.1
147.5°	416.9	436.7	457.2	476.5	492.0	506.4	520.6	533.9	546.2	556.4	565.5
150°	377.7	395.7	413.6	431.9	448.9	462.9	475.5	487.5	498.5	508.2	517.9
152.5°	339.6	356.0	371.9	386.8	401.7	415.9	430.9	439.6	449.4	458.4	466.3
155°	301.0	316.4	333.6	344.6	356.2	366.9	378.2	388.8	398.6	407.1	414.7
157.5°	260.8	273.8	287.1	299.6	311.5	320.7	329.5	337.6	346.1	354.5	361.7
160°	222.2	233.3	243.8	253.9	263.9	273.5	282.4	290.4	297.5	304.0	309.9
162.5°	183.5	194.3	201.8	210.1	218.1	225.5	232.9	240.1	246.7	252.6	258.4
165°	145.3	152.9	159.9	166.1	171.9	178.3	184.2	190.2	196.2	201.7	206.6
167.5°	110.7	116.5	122.0	127.1	132.0	136.7	141.2	145.4	149.4	153.6	157.7
170°	77.1	81.7	86.1	90.1	93.8	97.1	100.1	103.1	106.2	109.0	111.5
172.5°	49.3	51.5	53.6	55.6	57.6	60.1	61.9	64.8	67.3	69.6	71.7
175°	24.3	26.2	28.0	29.7	31.3	32.8	34.2	35.5	36.7	37.8	38.7
177.5°	11.5	11.8	12.1	12.3	12.5	12.7	12.9	13.0	13.2	13.3	13.3
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: P232002

CATALOG NUMBER: FVS4WM-4-LD4-40-2HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	13.4	13.4	13.4	13.4	13.3	13.2	13.6	13.3	13.0	12.8	12.5
5°	39.6	40.3	41.0	41.5	41.9	42.2	42.4	42.4	43.3	42.7	42.1
7.5°	73.6	75.3	76.8	78.1	79.2	80.1	80.7	81.2	81.4	82.4	81.6
10°	113.6	116.9	119.8	122.5	124.8	126.8	128.4	129.8	130.8	133.1	132.4
12.5°	161.3	164.3	166.9	169.3	172.0	174.1	175.6	176.6	177.1	177.0	177.3
15°	211.2	215.2	218.4	221.0	223.0	225.3	227.9	229.8	231.3	232.1	233.7
17.5°	263.6	268.0	271.9	275.1	277.7	279.6	281.8	284.2	285.9	286.8	288.5
20°	315.2	320.2	324.8	328.6	331.6	333.7	335.0	336.7	338.6	339.7	341.6
22.5°	367.9	372.8	377.0	381.7	385.3	388.0	389.7	390.4	392.3	393.5	395.5
25°	421.4	427.2	432.1	435.9	439.7	442.4	444.0	444.5	445.1	447.3	448.6
27.5°	473.1	479.6	485.1	489.4	491.7	494.6	496.0	496.4	495.7	497.2	497.9
30°	523.5	529.1	534.7	539.0	542.3	544.6	546.8	547.8	547.7	548.0	548.6
32.5°	573.0	579.1	583.5	588.9	592.8	595.4	597.2	598.2	597.8	596.7	598.1
35°	622.5	628.9	634.5	639.2	643.4	645.7	646.8	647.1	645.8	642.8	644.0
37.5°	669.2	676.8	683.2	687.8	690.7	693.2	693.6	692.7	691.8	689.8	690.0
40°	715.2	724.3	730.9	734.8	737.5	738.8	738.7	737.5	736.6	734.0	732.9
42.5°	758.4	767.2	774.3	778.2	780.8	782.7	783.3	782.7	781.2	779.3	777.3
45°	798.8	809.0	815.4	819.8	823.6	827.3	825.8	824.9	822.4	820.3	816.6
47.5°	838.3	849.4	856.4	861.5	864.6	866.2	866.6	865.9	863.8	861.4	857.6
50°	879.4	891.0	895.2	900.5	903.8	905.7	906.6	904.9	901.9	899.1	898.4
52.5°	912.4	922.5	930.1	937.1	941.8	943.5	943.6	941.2	938.7	936.1	936.8
55°	943.9	953.9	963.0	971.0	976.7	979.3	979.6	977.3	974.2	970.9	969.5
57.5°	973.6	983.7	992.9	1002.8	1010.4	1013.1	1013.4	1011.4	1008.3	1004.4	1001.7
60°	1002.5	1013.3	1022.8	1032.7	1040.6	1044.3	1045.8	1042.5	1039.6	1035.5	1032.2
62.5°	1029.7	1040.7	1050.7	1061.3	1067.0	1071.7	1074.1	1072.3	1068.5	1063.8	1060.4
65°	1055.6	1066.5	1076.4	1084.1	1091.1	1097.0	1100.1	1098.6	1096.3	1090.8	1086.5
67.5°	1079.8	1090.7	1099.7	1107.6	1114.9	1119.2	1123.3	1124.4	1121.6	1115.8	1111.6
70°	1099.9	1111.9	1121.5	1129.3	1135.0	1139.3	1143.0	1145.7	1142.7	1137.7	1133.0
72.5°	1117.8	1131.2	1140.6	1148.5	1153.3	1156.4	1160.2	1162.7	1162.5	1158.1	1151.5
75°	1133.4	1146.8	1156.8	1165.6	1170.4	1172.2	1173.3	1175.6	1177.6	1175.7	1169.2
77.5°	1145.9	1159.3	1170.3	1179.0	1184.5	1187.3	1187.1	1186.3	1187.7	1188.8	1184.2
80°	1156.0	1169.1	1180.5	1190.0	1195.5	1199.6	1200.6	1197.6	1194.1	1197.1	1196.5
82.5°	1162.8	1176.9	1187.7	1196.3	1202.8	1206.7	1208.7	1208.0	1203.9	1198.4	1202.9
85°	1167.5	1180.9	1192.3	1200.7	1206.8	1210.6	1211.8	1211.7	1210.2	1206.2	1200.3
87.5°	1170.1	1182.6	1193.8	1202.0	1208.2	1210.6	1212.8	1212.5	1210.3	1206.7	1204.1
90°	1169.1	1182.1	1192.1	1201.1	1207.1	1209.1	1210.1	1209.1	1206.1	1202.1	1196.1
92.5°	1170.1	1182.6	1193.8	1202.0	1208.2	1210.6	1212.8	1212.5	1210.3	1206.7	1204.1
95°	1167.5	1180.9	1192.3	1200.7	1206.8	1210.6	1211.8	1211.7	1210.2	1206.2	1200.3
97.5°	1162.8	1176.9	1187.7	1196.3	1202.8	1206.7	1208.7	1208.0	1203.9	1198.4	1202.9
100°	1156.0	1169.1	1180.5	1190.0	1195.5	1199.6	1200.6	1197.6	1194.1	1197.1	1196.5
102.5°	1145.9	1159.3	1170.3	1179.0	1184.5	1187.3	1187.1	1186.3	1187.7	1188.8	1184.2
105°	1133.4	1146.8	1156.8	1165.6	1170.4	1172.2	1173.3	1175.6	1177.6	1175.7	1169.2
107.5°	1117.8	1131.2	1140.6	1148.5	1153.3	1156.4	1160.2	1162.7	1162.5	1158.1	1151.5
110°	1099.9	1111.9	1121.5	1129.3	1135.0	1139.3	1143.0	1145.7	1142.7	1137.7	1133.0



TEST NUMBER: P232002

CATALOG NUMBER: FVS4WM-4-LD4-40-2HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	1079.8	1090.7	1099.7	1107.6	1114.9	1119.2	1123.3	1124.4	1121.6	1115.8	1111.6
115°	1055.6	1066.5	1076.4	1084.1	1091.1	1097.0	1100.1	1098.6	1096.3	1090.8	1086.5
117.5°	1029.7	1040.7	1050.7	1061.3	1067.0	1071.7	1074.1	1072.3	1068.5	1063.8	1060.4
120°	1002.5	1013.3	1022.8	1032.7	1040.6	1044.3	1045.8	1042.5	1039.6	1035.5	1032.2
122.5°	973.6	983.7	992.9	1002.8	1010.4	1013.1	1013.4	1011.4	1008.3	1004.4	1001.7
125°	943.9	953.9	963.0	971.0	976.7	979.3	979.6	977.3	974.2	970.9	969.5
127.5°	912.4	922.5	930.1	937.1	941.8	943.5	943.6	941.2	938.7	936.1	936.8
130°	879.4	891.0	895.2	900.5	903.8	905.7	906.6	904.9	901.9	899.1	898.4
132.5°	838.3	849.4	856.4	861.5	864.6	866.2	866.6	865.9	863.8	861.4	857.6
135°	798.8	809.0	815.4	819.8	823.6	827.3	825.8	824.9	822.4	820.3	816.6
137.5°	758.4	767.2	774.3	778.2	780.8	782.7	783.3	782.7	781.2	779.3	777.3
140°	715.2	724.3	730.9	734.8	737.5	738.8	738.7	737.5	736.6	734.0	732.9
142.5°	669.2	676.8	683.2	687.8	690.7	693.2	693.6	692.7	691.8	689.8	690.0
145°	622.5	628.9	634.5	639.2	643.4	645.7	646.8	647.1	645.8	642.8	644.0
147.5°	573.0	579.1	583.5	588.9	592.8	595.4	597.2	598.2	597.8	596.7	598.1
150°	523.5	529.1	534.7	539.0	542.3	544.6	546.8	547.8	547.7	548.0	548.6
152.5°	473.1	479.6	485.1	489.4	491.7	494.6	496.0	496.4	495.7	497.2	497.9
155°	421.4	427.2	432.1	435.9	439.7	442.4	444.0	444.5	445.1	447.3	448.6
157.5°	367.9	372.8	377.0	381.7	385.3	388.0	389.7	390.4	392.3	393.5	395.5
160°	315.2	320.2	324.8	328.6	331.6	333.7	335.0	336.7	338.6	339.7	341.6
162.5°	263.6	268.0	271.9	275.1	277.7	279.6	281.8	284.2	285.9	286.8	288.5
165°	211.2	215.2	218.4	221.0	223.0	225.3	227.9	229.8	231.3	232.1	233.7
167.5°	161.3	164.3	166.9	169.3	172.0	174.1	175.6	176.6	177.1	177.0	177.3
170°	113.6	116.9	119.8	122.5	124.8	126.8	128.4	129.8	130.8	133.1	132.4
172.5°	73.6	75.3	76.8	78.1	79.2	80.1	80.7	81.2	81.4	82.4	81.6
175°	39.6	40.3	41.0	41.5	41.9	42.2	42.4	42.4	43.3	42.7	42.1
177.5°	13.4	13.4	13.4	13.4	13.3	13.2	13.6	13.3	13.0	12.8	12.5
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: P232002

CATALOG NUMBER: FVS4WM-4-LD4-40-2HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	0.0	0.0
2.5°	12.3	12.0
5°	41.6	41.0
7.5°	80.8	80.0
10°	131.7	131.0
12.5°	175.7	174.0
15°	232.3	231.0
17.5°	286.7	285.0
20°	339.8	338.0
22.5°	393.3	391.0
25°	449.4	448.0
27.5°	498.1	496.0
30°	548.6	546.0
32.5°	598.9	597.0
35°	645.4	644.0
37.5°	691.5	690.0
40°	736.0	736.0
42.5°	780.5	780.0
45°	821.5	823.0
47.5°	860.5	861.0
50°	900.2	899.0
52.5°	937.6	935.0
55°	970.4	971.1
57.5°	1002.7	1005.1
60°	1033.2	1034.1
62.5°	1061.9	1065.1
65°	1089.7	1088.1
67.5°	1112.9	1114.1
70°	1134.1	1136.1
72.5°	1152.6	1154.1
75°	1169.0	1172.1
77.5°	1182.1	1187.1
80°	1193.0	1199.1
82.5°	1203.0	1208.1
85°	1210.0	1215.1
87.5°	1201.7	1219.1
90°	1195.1	1207.1
92.5°	1201.7	1219.1
95°	1210.0	1215.1
97.5°	1203.0	1208.1
100°	1193.0	1199.1
102.5°	1182.1	1187.1
105°	1169.0	1172.1
107.5°	1152.6	1154.1
110°	1134.1	1136.1



TEST NUMBER: P232002

CATALOG NUMBER: FVS4WM-4-LD4-40-2HI-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	1112.9	1114.1
115°	1089.7	1088.1
117.5°	1061.9	1065.1
120°	1033.2	1034.1
122.5°	1002.7	1005.1
125°	970.4	971.1
127.5°	937.6	935.0
130°	900.2	899.0
132.5°	860.5	861.0
135°	821.5	823.0
137.5°	780.5	780.0
140°	736.0	736.0
142.5°	691.5	690.0
145°	645.4	644.0
147.5°	598.9	597.0
150°	548.6	546.0
152.5°	498.1	496.0
155°	449.4	448.0
157.5°	393.3	391.0
160°	339.8	338.0
162.5°	286.7	285.0
165°	232.3	231.0
167.5°	175.7	174.0
170°	131.7	131.0
172.5°	80.8	80.0
175°	41.6	41.0
177.5°	12.3	12.0
180°	0.0	0.0

(END OF REPORT)