

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: P232000

Luminaire Tested: **FVS4WM-4-LD4-30-2HI-PFS125-UNV-EDC1**

Issue Date: 3/3/2020



**Test Information**

Test Method: LM-79-08  
Report Number: P232000  
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-LD4-30-2HI-PFS125-UNV-EDC1  
Description: FAILSAFE FVS LED FIXTURE  
4FT LENGTH, 2-MODULE LED WITH PFS125 LENS  
Light Source: (168) 3000K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

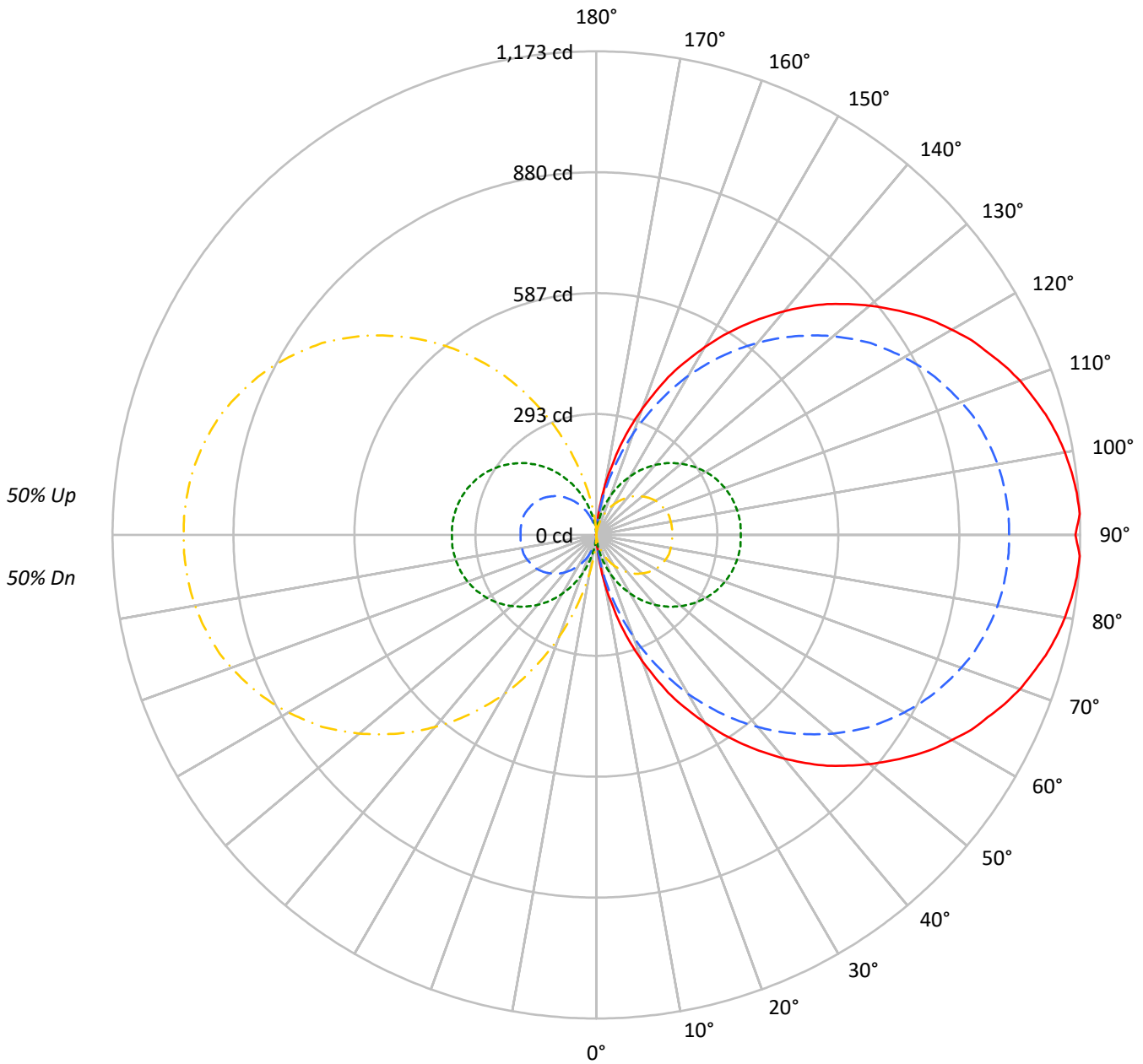
Lumens per Lamp: N/A  
Luminaire Lumens: 5203.2 lumens  
Efficiency: N/A  
Efficacy: 58.3 lumens/watt  
Spacing Criteria (0/90/45): - / - / -  
Luminous Opening: Rectangular w/ Sides (W: 3.79' x L: 0.19' x H: 0.31')  
CIE Type: General Diffuse

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

TEST NUMBER: P232000

CATALOG NUMBER: FVS4WM-4-LD4-30-2HI-PFS125-UNV-EDC1

### Luminous Intensity Polar Plot



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



TEST NUMBER: P232000

CATALOG NUMBER: FVS4WM-4-LD4-30-2HI-PFS125-UNV-EDC1

**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	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°	523	174	0	174
10°	1497	568	0	568
15°	2409	1047	0	1047
20°	3261	1580	0	1580
25°	4051	2151	0	2151
30°	4680	2745	0	2745
35°	5285	3397	0	3397
40°	5835	4091	0	4091
45°	6359	4872	0	4872
50°	6823	5757	8	5757
55°	7296	6816	8	6816
60°	7751	8108	8	8108
65°	8199	9754	8	9754
70°	8672	11980	8	11980
75°	9136	15238	8	15238
80°	9623	20582	0	20582
85°	10128	31326	0	31326



TEST NUMBER: P232000

CATALOG NUMBER: FVS4WM-4-LD4-30-2HI-PFS125-UNV-EDC1

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	2.8	0.1
10°-20°	29.1	0.6
20°-30°	91.1	1.8
30°-40°	181.2	3.5
40°-50°	286.1	5.5
50°-60°	391.6	7.5
60°-70°	483.9	9.3
70°-80°	551.3	10.6
80°-90°	584.5	11.2
90°-100°	584.5	11.2
100°-110°	551.3	10.6
110°-120°	483.9	9.3
120°-130°	391.6	7.5
130°-140°	286.1	5.5
140°-150°	181.2	3.5
150°-160°	91.1	1.8
160°-170°	29.1	0.6
170°-180°	2.8	0.1
0°-30°	123.1	2.4
0°-40°	304.2	5.8
0°-60°	981.9	18.9
0°-90°	2601.6	50.0
90°-120°	1619.7	31.1
90°-150°	2478.5	47.6
90°-180°	2602.0	50.0
0°-180°	5203.2	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	0	0	0	0	0	
5°	39	12	0	12	39	6
15°	222	68	0	68	222	66
25°	431	134	0	134	431	201
35°	620	194	0	194	620	391
45°	792	246	0	246	792	613
55°	934	289	1	289	934	838
65°	1047	320	1	320	1047	1040
75°	1128	341	1	341	1128	1191
85°	1169	350	0	350	1169	952
90°	1161	350	0	350	1161	640
95°	1169	350	0	350	1169	952
105°	1128	341	1	341	1128	1191
115°	1047	320	1	320	1047	1040
125°	934	289	1	289	934	838
135°	792	246	0	246	792	613
145°	620	194	0	194	620	391
155°	431	134	0	134	431	201
165°	222	68	0	68	222	66
175°	39	12	0	12	39	6
180°	0	0	0	0	0	



TEST NUMBER: P232000

CATALOG NUMBER: FVS4WM-4-LD4-30-2HI-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°	11.5	11.8	12.0	12.3	12.5	12.8	13.0	12.7	12.8	12.8	12.9
5°	39.4	40.0	40.5	41.0	41.6	40.8	40.7	40.6	40.3	39.9	39.4
7.5°	77.0	77.8	78.5	79.3	78.3	78.1	77.7	77.0	76.2	75.1	73.9
10°	126.0	126.7	127.4	128.0	125.8	124.8	123.6	121.9	120.0	117.8	115.3
12.5°	167.4	169.0	170.6	170.3	170.3	169.9	168.9	167.5	165.4	162.9	160.6
15°	222.3	223.6	224.9	223.4	222.5	221.2	219.2	216.8	214.5	212.7	210.2
17.5°	274.2	275.9	277.5	276.0	275.1	273.5	271.1	269.1	267.2	264.7	261.6
20°	325.2	326.9	328.7	326.8	325.8	324.0	322.3	321.1	319.0	316.2	312.5
22.5°	376.2	378.4	380.6	378.6	377.5	375.7	375.0	373.3	370.8	367.2	362.8
25°	431.0	432.4	431.6	430.3	428.2	427.7	427.2	425.7	423.0	419.4	415.7
27.5°	477.2	479.2	479.1	478.3	476.9	477.6	477.2	475.8	473.1	470.9	466.8
30°	525.3	527.8	527.9	527.3	527.0	527.1	526.0	524.0	521.8	518.6	514.4
32.5°	574.4	576.2	575.5	574.1	575.2	575.6	574.6	572.9	570.4	566.6	561.4
35°	619.6	621.0	619.6	618.5	621.3	622.6	622.3	621.3	619.1	615.0	610.4
37.5°	663.9	665.4	663.9	663.7	665.6	666.5	667.4	666.9	664.5	661.7	657.3
40°	708.1	708.1	705.1	706.2	708.7	709.6	710.8	710.8	709.6	707.0	703.2
42.5°	750.5	750.9	747.9	749.8	751.7	753.0	753.7	753.1	751.2	748.7	745.0
45°	791.9	790.5	785.7	789.3	791.3	793.7	794.5	796.0	792.4	788.7	784.6
47.5°	828.4	827.9	825.2	828.8	831.1	833.1	833.8	833.5	831.9	828.9	824.0
50°	865.0	866.1	864.4	865.0	867.7	870.7	872.3	871.5	869.6	866.4	861.4
52.5°	899.6	902.1	901.4	900.7	903.1	905.6	907.9	907.8	906.1	901.7	894.9
55°	934.3	933.6	932.8	934.1	937.2	940.2	942.5	942.2	939.6	934.2	926.6
57.5°	967.0	964.7	963.7	966.3	970.0	973.0	975.0	974.7	972.1	964.8	955.2
60°	994.9	994.0	993.1	996.2	1000.2	1002.9	1006.1	1004.7	1001.2	993.6	984.0
62.5°	1024.7	1021.7	1020.1	1023.5	1027.9	1031.6	1033.4	1031.0	1026.5	1021.1	1010.8
65°	1046.8	1048.4	1045.4	1049.4	1054.7	1056.9	1058.4	1055.3	1049.7	1042.9	1035.5
67.5°	1071.8	1070.6	1069.4	1073.5	1079.1	1081.8	1080.7	1076.8	1072.6	1065.6	1057.9
70°	1093.0	1091.1	1090.0	1094.6	1099.4	1102.2	1099.6	1096.1	1092.0	1086.4	1078.9
72.5°	1110.3	1108.9	1107.8	1114.2	1118.4	1118.6	1116.2	1112.6	1109.6	1104.9	1097.4
75°	1127.6	1124.7	1124.9	1131.1	1132.9	1131.0	1128.8	1127.8	1126.0	1121.4	1112.9
77.5°	1142.1	1137.2	1139.3	1143.8	1142.7	1141.4	1142.1	1142.2	1139.6	1134.3	1125.9
80°	1153.6	1147.8	1151.1	1151.7	1148.8	1152.2	1155.1	1154.2	1150.2	1144.8	1135.7
82.5°	1162.3	1157.4	1157.3	1153.0	1158.3	1162.2	1162.8	1160.9	1157.2	1151.0	1142.6
85°	1169.0	1164.1	1154.8	1160.5	1164.3	1165.7	1165.8	1164.7	1161.0	1155.2	1147.1
87.5°	1172.9	1156.2	1158.4	1161.0	1164.4	1166.5	1166.8	1164.7	1162.4	1156.4	1148.5
90°	1161.3	1149.8	1150.7	1156.5	1160.4	1163.2	1164.2	1163.2	1161.3	1155.6	1146.9
92.5°	1172.9	1156.2	1158.4	1161.0	1164.4	1166.5	1166.8	1164.7	1162.4	1156.4	1148.5
95°	1169.0	1164.1	1154.8	1160.5	1164.3	1165.7	1165.8	1164.7	1161.0	1155.2	1147.1
97.5°	1162.3	1157.4	1157.3	1153.0	1158.3	1162.2	1162.8	1160.9	1157.2	1151.0	1142.6
100°	1153.6	1147.8	1151.1	1151.7	1148.8	1152.2	1155.1	1154.2	1150.2	1144.8	1135.7
102.5°	1142.1	1137.2	1139.3	1143.8	1142.7	1141.4	1142.1	1142.2	1139.6	1134.3	1125.9
105°	1127.6	1124.7	1124.9	1131.1	1132.9	1131.0	1128.8	1127.8	1126.0	1121.4	1112.9
107.5°	1110.3	1108.9	1107.8	1114.2	1118.4	1118.6	1116.2	1112.6	1109.6	1104.9	1097.4
110°	1093.0	1091.1	1090.0	1094.6	1099.4	1102.2	1099.6	1096.1	1092.0	1086.4	1078.9



TEST NUMBER: P232000

CATALOG NUMBER: FVS4WM-4-LD4-30-2HI-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
112.5°	1071.8	1070.6	1069.4	1073.5	1079.1	1081.8	1080.7	1076.8	1072.6	1065.6	1057.9
115°	1046.8	1048.4	1045.4	1049.4	1054.7	1056.9	1058.4	1055.3	1049.7	1042.9	1035.5
117.5°	1024.7	1021.7	1020.1	1023.5	1027.9	1031.6	1033.4	1031.0	1026.5	1021.1	1010.8
120°	994.9	994.0	993.1	996.2	1000.2	1002.9	1006.1	1004.7	1001.2	993.6	984.0
122.5°	967.0	964.7	963.7	966.3	970.0	973.0	975.0	974.7	972.1	964.8	955.2
125°	934.3	933.6	932.8	934.1	937.2	940.2	942.5	942.2	939.6	934.2	926.6
127.5°	899.6	902.1	901.4	900.7	903.1	905.6	907.9	907.8	906.1	901.7	894.9
130°	865.0	866.1	864.4	865.0	867.7	870.7	872.3	871.5	869.6	866.4	861.4
132.5°	828.4	827.9	825.2	828.8	831.1	833.1	833.8	833.5	831.9	828.9	824.0
135°	791.9	790.5	785.7	789.3	791.3	793.7	794.5	796.0	792.4	788.7	784.6
137.5°	750.5	750.9	747.9	749.8	751.7	753.0	753.7	753.1	751.2	748.7	745.0
140°	708.1	708.1	705.1	706.2	708.7	709.6	710.8	710.8	709.6	707.0	703.2
142.5°	663.9	665.4	663.9	663.7	665.6	666.5	667.4	666.9	664.5	661.7	657.3
145°	619.6	621.0	619.6	618.5	621.3	622.6	622.3	621.3	619.1	615.0	610.4
147.5°	574.4	576.2	575.5	574.1	575.2	575.6	574.6	572.9	570.4	566.6	561.4
150°	525.3	527.8	527.9	527.3	527.0	527.1	526.0	524.0	521.8	518.6	514.4
152.5°	477.2	479.2	479.1	478.3	476.9	477.6	477.2	475.8	473.1	470.9	466.8
155°	431.0	432.4	431.6	430.3	428.2	427.7	427.2	425.7	423.0	419.4	415.7
157.5°	376.2	378.4	380.6	378.6	377.5	375.7	375.0	373.3	370.8	367.2	362.8
160°	325.2	326.9	328.7	326.8	325.8	324.0	322.3	321.1	319.0	316.2	312.5
162.5°	274.2	275.9	277.5	276.0	275.1	273.5	271.1	269.1	267.2	264.7	261.6
165°	222.3	223.6	224.9	223.4	222.5	221.2	219.2	216.8	214.5	212.7	210.2
167.5°	167.4	169.0	170.6	170.3	170.3	169.9	168.9	167.5	165.4	162.9	160.6
170°	126.0	126.7	127.4	128.0	125.8	124.8	123.6	121.9	120.0	117.8	115.3
172.5°	77.0	77.8	78.5	79.3	78.3	78.1	77.7	77.0	76.2	75.1	73.9
175°	39.4	40.0	40.5	41.0	41.6	40.8	40.7	40.6	40.3	39.9	39.4
177.5°	11.5	11.8	12.0	12.3	12.5	12.8	13.0	12.7	12.8	12.8	12.9
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: P232000

CATALOG NUMBER: FVS4WM-4-LD4-30-2HI-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	12.9	12.9	12.8	12.7	12.6	12.5	12.4	12.2	12.0	11.8	11.6
5°	38.8	38.1	37.3	36.3	35.3	34.1	32.9	31.5	30.1	28.6	26.9
7.5°	72.5	70.8	69.0	67.0	64.8	62.4	59.6	57.9	55.5	53.5	51.6
10°	112.4	109.3	107.3	104.8	102.1	99.2	96.3	93.4	90.2	86.7	82.8
12.5°	158.1	155.1	151.7	147.8	143.7	139.9	135.8	131.6	127.0	122.3	117.4
15°	207.0	203.2	198.8	194.0	188.8	183.0	177.3	171.5	165.4	159.9	153.8
17.5°	257.9	253.6	248.6	243.0	237.3	231.0	224.1	217.0	209.8	202.2	194.1
20°	308.1	303.2	298.1	292.5	286.2	279.4	271.7	263.1	253.9	244.3	234.6
22.5°	358.8	354.0	348.1	341.1	333.0	324.8	317.1	308.6	299.7	288.2	276.3
25°	411.0	405.4	399.0	391.7	383.5	374.1	363.9	353.0	342.7	331.6	321.0
27.5°	461.4	455.2	448.6	441.0	432.4	422.9	414.5	400.2	386.5	372.1	357.8
30°	509.1	503.7	498.3	488.9	479.6	469.0	457.5	445.3	431.9	415.5	397.9
32.5°	557.2	551.3	544.1	535.3	525.6	513.7	500.9	487.2	473.4	458.5	439.9
35°	605.1	598.9	590.8	581.6	571.1	558.3	543.7	528.6	512.2	495.8	478.9
37.5°	651.1	643.9	635.5	627.4	614.7	601.3	585.5	569.4	552.2	533.2	514.3
40°	696.8	688.1	678.9	668.3	655.5	641.1	624.5	607.5	590.3	571.1	550.2
42.5°	738.2	729.7	719.8	708.6	698.2	680.9	663.6	645.7	627.6	607.0	585.1
45°	778.4	768.6	757.7	746.1	732.9	718.1	700.3	681.4	662.2	641.3	617.8
47.5°	817.2	806.6	794.7	782.5	768.5	752.3	735.4	716.1	695.1	673.6	649.7
50°	857.3	846.1	830.8	817.7	805.2	786.5	768.2	749.6	727.4	704.1	679.7
52.5°	887.6	877.9	863.8	850.4	835.9	820.5	800.4	780.6	759.6	734.0	708.0
55°	917.8	908.2	894.8	880.4	866.4	849.2	830.4	811.5	787.1	761.4	735.9
57.5°	946.4	936.7	924.3	909.7	894.9	877.7	857.6	836.4	813.3	787.9	759.7
60°	974.9	964.5	951.7	936.8	921.4	903.7	883.9	861.4	837.0	811.0	783.5
62.5°	1001.2	990.6	977.7	962.8	945.8	927.8	907.3	884.8	860.1	832.7	804.6
65°	1026.1	1015.5	1002.1	987.3	969.4	949.7	928.4	905.8	879.9	852.2	823.4
67.5°	1049.3	1038.8	1024.0	1008.1	991.2	970.7	948.2	924.2	898.0	870.2	840.8
70°	1069.7	1058.2	1044.9	1026.4	1008.6	988.6	966.0	941.6	915.7	887.2	857.2
72.5°	1088.3	1075.4	1061.3	1043.9	1024.5	1004.1	981.5	957.7	930.1	901.4	870.3
75°	1103.3	1090.4	1075.6	1059.3	1038.9	1017.6	994.7	969.0	941.4	913.1	881.8
77.5°	1115.3	1102.4	1087.2	1069.9	1050.0	1028.5	1005.1	979.4	951.7	922.5	891.4
80°	1124.8	1112.1	1096.4	1079.2	1060.2	1037.8	1013.2	987.8	960.4	930.7	898.9
82.5°	1132.2	1118.7	1103.1	1085.6	1066.1	1043.5	1018.9	994.1	967.3	937.5	905.0
85°	1136.1	1123.3	1107.1	1089.5	1069.3	1046.8	1022.8	997.7	969.1	940.0	908.6
87.5°	1137.7	1125.7	1110.4	1091.9	1071.6	1048.8	1025.9	1000.6	971.7	942.0	911.2
90°	1137.3	1124.8	1111.3	1091.1	1070.9	1048.8	1026.6	1000.6	973.7	942.0	911.2
92.5°	1137.7	1125.7	1110.4	1091.9	1071.6	1048.8	1025.9	1000.6	971.7	942.0	911.2
95°	1136.1	1123.3	1107.1	1089.5	1069.3	1046.8	1022.8	997.7	969.1	940.0	908.6
97.5°	1132.2	1118.7	1103.1	1085.6	1066.1	1043.5	1018.9	994.1	967.3	937.5	905.0
100°	1124.8	1112.1	1096.4	1079.2	1060.2	1037.8	1013.2	987.8	960.4	930.7	898.9
102.5°	1115.3	1102.4	1087.2	1069.9	1050.0	1028.5	1005.1	979.4	951.7	922.5	891.4
105°	1103.3	1090.4	1075.6	1059.3	1038.9	1017.6	994.7	969.0	941.4	913.1	881.8
107.5°	1088.3	1075.4	1061.3	1043.9	1024.5	1004.1	981.5	957.7	930.1	901.4	870.3
110°	1069.7	1058.2	1044.9	1026.4	1008.6	988.6	966.0	941.6	915.7	887.2	857.2





TEST NUMBER: P232000

CATALOG NUMBER: FVS4WM-4-LD4-30-2HI-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°	1049.3	1038.8	1024.0	1008.1	991.2	970.7	948.2	924.2	898.0	870.2	840.8
115°	1026.1	1015.5	1002.1	987.3	969.4	949.7	928.4	905.8	879.9	852.2	823.4
117.5°	1001.2	990.6	977.7	962.8	945.8	927.8	907.3	884.8	860.1	832.7	804.6
120°	974.9	964.5	951.7	936.8	921.4	903.7	883.9	861.4	837.0	811.0	783.5
122.5°	946.4	936.7	924.3	909.7	894.9	877.7	857.6	836.4	813.3	787.9	759.7
125°	917.8	908.2	894.8	880.4	866.4	849.2	830.4	811.5	787.1	761.4	735.9
127.5°	887.6	877.9	863.8	850.4	835.9	820.5	800.4	780.6	759.6	734.0	708.0
130°	857.3	846.1	830.8	817.7	805.2	786.5	768.2	749.6	727.4	704.1	679.7
132.5°	817.2	806.6	794.7	782.5	768.5	752.3	735.4	716.1	695.1	673.6	649.7
135°	778.4	768.6	757.7	746.1	732.9	718.1	700.3	681.4	662.2	641.3	617.8
137.5°	738.2	729.7	719.8	708.6	698.2	680.9	663.6	645.7	627.6	607.0	585.1
140°	696.8	688.1	678.9	668.3	655.5	641.1	624.5	607.5	590.3	571.1	550.2
142.5°	651.1	643.9	635.5	627.4	614.7	601.3	585.5	569.4	552.2	533.2	514.3
145°	605.1	598.9	590.8	581.6	571.1	558.3	543.7	528.6	512.2	495.8	478.9
147.5°	557.2	551.3	544.1	535.3	525.6	513.7	500.9	487.2	473.4	458.5	439.9
150°	509.1	503.7	498.3	488.9	479.6	469.0	457.5	445.3	431.9	415.5	397.9
152.5°	461.4	455.2	448.6	441.0	432.4	422.9	414.5	400.2	386.5	372.1	357.8
155°	411.0	405.4	399.0	391.7	383.5	374.1	363.9	353.0	342.7	331.6	321.0
157.5°	358.8	354.0	348.1	341.1	333.0	324.8	317.1	308.6	299.7	288.2	276.3
160°	308.1	303.2	298.1	292.5	286.2	279.4	271.7	263.1	253.9	244.3	234.6
162.5°	257.9	253.6	248.6	243.0	237.3	231.0	224.1	217.0	209.8	202.2	194.1
165°	207.0	203.2	198.8	194.0	188.8	183.0	177.3	171.5	165.4	159.9	153.8
167.5°	158.1	155.1	151.7	147.8	143.7	139.9	135.8	131.6	127.0	122.3	117.4
170°	112.4	109.3	107.3	104.8	102.1	99.2	96.3	93.4	90.2	86.7	82.8
172.5°	72.5	70.8	69.0	67.0	64.8	62.4	59.6	57.9	55.5	53.5	51.6
175°	38.8	38.1	37.3	36.3	35.3	34.1	32.9	31.5	30.1	28.6	26.9
177.5°	12.9	12.9	12.8	12.7	12.6	12.5	12.4	12.2	12.0	11.8	11.6
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: P232000

CATALOG NUMBER: FVS4WM-4-LD4-30-2HI-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°	11.3	11.1	10.8	10.4	10.1	9.7	9.4	9.0	8.5	8.1	7.7
5°	25.2	23.4	21.6	20.9	20.2	19.5	18.7	17.9	17.1	16.2	15.3
7.5°	49.6	47.4	45.1	42.7	40.2	37.5	34.8	33.5	32.5	31.4	30.2
10°	78.6	74.1	69.7	66.4	63.2	59.8	56.4	52.7	49.0	47.0	45.3
12.5°	112.1	106.5	100.8	94.9	88.8	83.7	79.5	75.1	70.5	65.6	62.5
15°	147.1	139.8	132.9	125.3	118.4	111.4	104.1	98.4	92.7	86.6	80.3
17.5°	186.9	176.6	166.8	156.9	147.5	139.8	131.7	123.1	115.8	108.8	101.5
20°	224.5	213.8	202.7	191.9	181.0	169.9	160.2	150.0	139.3	131.0	122.7
22.5°	263.4	251.0	238.2	224.8	212.8	200.6	187.6	176.0	164.4	153.2	143.9
25°	304.4	289.6	274.9	260.4	245.3	230.5	215.3	200.2	188.1	175.9	165.0
27.5°	342.5	326.7	311.1	295.3	278.7	261.3	243.9	226.5	211.1	197.1	183.8
30°	380.7	363.4	346.3	329.0	310.7	291.3	271.5	253.3	235.9	218.6	201.9
32.5°	420.1	401.1	382.6	363.4	343.0	321.5	299.6	278.9	259.0	240.2	221.8
35°	459.2	437.6	416.6	395.4	373.2	350.6	327.4	305.2	282.5	261.3	241.9
37.5°	494.9	472.9	449.7	426.5	404.1	378.5	354.0	329.4	305.4	281.5	260.6
40°	528.9	506.5	482.4	457.6	431.6	405.3	378.9	353.4	327.9	302.3	279.0
42.5°	562.0	538.2	513.7	487.9	460.7	432.2	403.7	376.0	348.5	321.7	296.3
45°	593.7	569.0	542.8	515.6	487.6	457.2	427.4	398.1	368.3	340.1	313.4
47.5°	624.0	597.6	570.1	543.6	512.7	481.8	450.3	420.0	388.1	357.4	328.9
50°	653.4	625.9	596.7	566.9	536.3	504.9	472.6	441.1	408.0	374.4	344.1
52.5°	681.0	652.8	622.4	591.1	559.3	526.7	493.4	459.9	425.4	389.7	358.3
55°	707.0	678.0	647.1	614.7	580.4	546.6	512.0	476.6	440.7	404.6	372.1
57.5°	731.0	701.3	670.8	637.5	601.6	565.5	529.9	493.4	455.6	418.1	384.2
60°	754.1	723.2	689.7	656.3	620.5	582.4	546.5	510.1	470.5	430.9	395.6
62.5°	774.1	742.2	707.9	673.0	638.5	598.5	561.5	523.7	483.9	443.7	406.7
65°	792.7	760.2	725.9	690.0	653.7	614.6	575.2	535.3	495.8	456.1	417.6
67.5°	809.3	776.7	742.5	707.3	667.8	628.5	588.1	547.0	506.1	465.8	426.7
70°	824.6	791.0	756.5	719.1	680.5	640.0	599.0	558.4	516.1	474.3	435.4
72.5°	838.4	804.0	769.0	730.5	691.4	650.9	608.3	567.0	524.4	481.7	442.5
75°	849.3	815.5	779.2	740.0	700.4	660.6	616.7	573.6	531.5	488.7	449.0
77.5°	858.4	825.0	788.5	748.0	707.4	667.4	623.2	579.4	536.8	493.6	453.0
80°	865.2	831.7	794.2	754.9	712.5	671.7	628.1	584.5	541.1	497.8	456.4
82.5°	870.4	837.0	798.4	760.4	717.6	676.8	632.1	588.8	545.7	501.2	461.2
85°	874.0	839.8	801.4	764.5	722.4	683.6	636.7	593.5	551.1	505.0	463.7
87.5°	876.5	841.1	803.8	766.0	724.1	682.8	638.3	594.1	551.8	507.0	463.3
90°	876.5	840.0	804.4	764.9	723.5	681.2	639.8	594.6	552.3	509.0	462.8
92.5°	876.5	841.1	803.8	766.0	724.1	682.8	638.3	594.1	551.8	507.0	463.3
95°	874.0	839.8	801.4	764.5	722.4	683.6	636.7	593.5	551.1	505.0	463.7
97.5°	870.4	837.0	798.4	760.4	717.6	676.8	632.1	588.8	545.7	501.2	461.2
100°	865.2	831.7	794.2	754.9	712.5	671.7	628.1	584.5	541.1	497.8	456.4
102.5°	858.4	825.0	788.5	748.0	707.4	667.4	623.2	579.4	536.8	493.6	453.0
105°	849.3	815.5	779.2	740.0	700.4	660.6	616.7	573.6	531.5	488.7	449.0
107.5°	838.4	804.0	769.0	730.5	691.4	650.9	608.3	567.0	524.4	481.7	442.5
110°	824.6	791.0	756.5	719.1	680.5	640.0	599.0	558.4	516.1	474.3	435.4



TEST NUMBER: P232000

CATALOG NUMBER: FVS4WM-4-LD4-30-2HI-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	809.3	776.7	742.5	707.3	667.8	628.5	588.1	547.0	506.1	465.8	426.7
115°	792.7	760.2	725.9	690.0	653.7	614.6	575.2	535.3	495.8	456.1	417.6
117.5°	774.1	742.2	707.9	673.0	638.5	598.5	561.5	523.7	483.9	443.7	406.7
120°	754.1	723.2	689.7	656.3	620.5	582.4	546.5	510.1	470.5	430.9	395.6
122.5°	731.0	701.3	670.8	637.5	601.6	565.5	529.9	493.4	455.6	418.1	384.2
125°	707.0	678.0	647.1	614.7	580.4	546.6	512.0	476.6	440.7	404.6	372.1
127.5°	681.0	652.8	622.4	591.1	559.3	526.7	493.4	459.9	425.4	389.7	358.3
130°	653.4	625.9	596.7	566.9	536.3	504.9	472.6	441.1	408.0	374.4	344.1
132.5°	624.0	597.6	570.1	543.6	512.7	481.8	450.3	420.0	388.1	357.4	328.9
135°	593.7	569.0	542.8	515.6	487.6	457.2	427.4	398.1	368.3	340.1	313.4
137.5°	562.0	538.2	513.7	487.9	460.7	432.2	403.7	376.0	348.5	321.7	296.3
140°	528.9	506.5	482.4	457.6	431.6	405.3	378.9	353.4	327.9	302.3	279.0
142.5°	494.9	472.9	449.7	426.5	404.1	378.5	354.0	329.4	305.4	281.5	260.6
145°	459.2	437.6	416.6	395.4	373.2	350.6	327.4	305.2	282.5	261.3	241.9
147.5°	420.1	401.1	382.6	363.4	343.0	321.5	299.6	278.9	259.0	240.2	221.8
150°	380.7	363.4	346.3	329.0	310.7	291.3	271.5	253.3	235.9	218.6	201.9
152.5°	342.5	326.7	311.1	295.3	278.7	261.3	243.9	226.5	211.1	197.1	183.8
155°	304.4	289.6	274.9	260.4	245.3	230.5	215.3	200.2	188.1	175.9	165.0
157.5°	263.4	251.0	238.2	224.8	212.8	200.6	187.6	176.0	164.4	153.2	143.9
160°	224.5	213.8	202.7	191.9	181.0	169.9	160.2	150.0	139.3	131.0	122.7
162.5°	186.9	176.6	166.8	156.9	147.5	139.8	131.7	123.1	115.8	108.8	101.5
165°	147.1	139.8	132.9	125.3	118.4	111.4	104.1	98.4	92.7	86.6	80.3
167.5°	112.1	106.5	100.8	94.9	88.8	83.7	79.5	75.1	70.5	65.6	62.5
170°	78.6	74.1	69.7	66.4	63.2	59.8	56.4	52.7	49.0	47.0	45.3
172.5°	49.6	47.4	45.1	42.7	40.2	37.5	34.8	33.5	32.5	31.4	30.2
175°	25.2	23.4	21.6	20.9	20.2	19.5	18.7	17.9	17.1	16.2	15.3
177.5°	11.3	11.1	10.8	10.4	10.1	9.7	9.4	9.0	8.5	8.1	7.7
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: P232000

CATALOG NUMBER: FVS4WM-4-LD4-30-2HI-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°	7.2	6.7	6.2	5.8	5.7	5.7	5.6	5.6	5.5	5.4	5.4
5°	14.4	13.5	12.5	11.5	11.4	11.3	11.2	11.0	10.8	10.7	10.5
7.5°	28.9	27.5	26.0	24.5	24.2	23.9	23.4	23.0	22.4	21.8	21.1
10°	43.5	41.6	39.6	37.5	36.9	36.3	35.6	34.8	33.9	33.0	32.1
12.5°	60.4	58.0	55.5	52.9	52.1	51.2	50.1	48.9	47.7	46.5	45.2
15°	77.2	74.4	71.5	68.3	67.2	66.0	64.6	63.2	61.9	60.5	59.0
17.5°	95.4	92.0	88.5	84.7	83.4	82.0	80.3	78.7	77.1	75.3	73.3
20°	114.1	109.8	105.5	101.0	99.6	97.9	96.2	94.3	92.4	90.3	87.8
22.5°	134.2	127.5	122.6	117.4	115.6	113.6	111.5	109.6	107.4	104.9	102.1
25°	154.3	145.4	139.7	133.7	131.5	129.1	126.9	124.8	122.3	119.4	116.2
27.5°	172.5	161.9	155.7	149.1	146.7	144.1	142.0	139.7	136.8	133.6	130.1
30°	190.2	178.4	171.6	164.5	162.0	159.1	156.9	154.5	151.3	147.8	144.1
32.5°	207.6	194.7	186.8	179.5	176.5	173.4	171.1	168.4	165.1	161.4	157.4
35°	225.1	211.0	201.9	194.4	190.9	187.6	185.2	182.2	178.7	174.5	170.1
37.5°	241.4	226.4	215.9	207.9	203.9	200.4	198.0	194.8	191.4	186.8	182.2
40°	257.5	241.6	229.8	221.3	216.9	213.2	210.7	207.3	203.3	198.7	193.9
42.5°	272.4	255.7	242.8	233.8	229.1	225.4	222.5	219.2	215.0	210.3	205.1
45°	288.0	269.6	255.7	246.3	241.4	237.5	234.2	231.1	226.5	221.1	215.5
47.5°	302.5	282.2	267.2	257.4	252.3	248.3	245.1	242.1	237.0	231.4	225.6
50°	316.7	294.7	278.6	268.4	263.1	259.2	256.0	252.7	247.3	241.5	235.6
52.5°	330.2	307.2	289.8	278.5	273.1	269.1	265.8	262.0	256.5	250.8	244.9
55°	343.4	319.5	301.1	288.6	283.0	279.1	275.4	271.0	265.4	259.7	253.1
57.5°	354.7	329.7	309.8	297.3	291.1	287.1	283.5	279.0	273.3	267.3	261.1
60°	365.5	339.7	318.4	306.0	299.3	295.1	291.4	286.7	280.7	274.5	269.2
62.5°	374.4	347.2	326.3	313.2	306.7	302.4	298.2	293.4	287.5	281.3	275.3
65°	383.2	354.4	334.3	320.4	314.3	309.6	304.9	300.1	294.2	287.6	280.9
67.5°	390.6	360.8	339.5	326.2	319.5	315.1	310.8	305.6	299.3	292.7	285.9
70°	397.6	367.2	344.6	331.9	324.6	320.7	316.8	310.8	304.2	297.4	290.6
72.5°	403.9	372.4	349.5	336.3	328.9	325.0	320.7	315.2	308.4	301.6	294.6
75°	409.9	377.4	355.0	340.6	333.1	329.3	324.5	319.6	312.4	305.5	298.1
77.5°	414.0	380.8	357.9	343.5	336.0	332.1	327.3	322.1	314.7	308.3	300.5
80°	417.8	384.9	360.8	346.4	338.8	334.9	330.1	324.4	316.9	310.9	302.6
82.5°	421.8	387.3	362.7	348.3	340.2	336.3	331.5	325.8	318.6	312.0	304.3
85°	424.3	389.7	364.7	350.2	341.6	337.7	332.9	327.1	320.4	312.8	306.0
87.5°	424.3	390.1	365.1	350.2	342.1	338.2	333.4	327.6	320.4	313.2	306.0
90°	424.3	390.6	365.6	350.2	342.5	338.7	333.9	328.1	320.4	313.7	306.0
92.5°	424.3	390.1	365.1	350.2	342.1	338.2	333.4	327.6	320.4	313.2	306.0
95°	424.3	389.7	364.7	350.2	341.6	337.7	332.9	327.1	320.4	312.8	306.0
97.5°	421.8	387.3	362.7	348.3	340.2	336.3	331.5	325.8	318.6	312.0	304.3
100°	417.8	384.9	360.8	346.4	338.8	334.9	330.1	324.4	316.9	310.9	302.6
102.5°	414.0	380.8	357.9	343.5	336.0	332.1	327.3	322.1	314.7	308.3	300.5
105°	409.9	377.4	355.0	340.6	333.1	329.3	324.5	319.6	312.4	305.5	298.1
107.5°	403.9	372.4	349.5	336.3	328.9	325.0	320.7	315.2	308.4	301.6	294.6
110°	397.6	367.2	344.6	331.9	324.6	320.7	316.8	310.8	304.2	297.4	290.6



TEST NUMBER: P232000

CATALOG NUMBER: FVS4WM-4-LD4-30-2HI-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°	390.6	360.8	339.5	326.2	319.5	315.1	310.8	305.6	299.3	292.7	285.9
115°	383.2	354.4	334.3	320.4	314.3	309.6	304.9	300.1	294.2	287.6	280.9
117.5°	374.4	347.2	326.3	313.2	306.7	302.4	298.2	293.4	287.5	281.3	275.3
120°	365.5	339.7	318.4	306.0	299.3	295.1	291.4	286.7	280.7	274.5	269.2
122.5°	354.7	329.7	309.8	297.3	291.1	287.1	283.5	279.0	273.3	267.3	261.1
125°	343.4	319.5	301.1	288.6	283.0	279.1	275.4	271.0	265.4	259.7	253.1
127.5°	330.2	307.2	289.8	278.5	273.1	269.1	265.8	262.0	256.5	250.8	244.9
130°	316.7	294.7	278.6	268.4	263.1	259.2	256.0	252.7	247.3	241.5	235.6
132.5°	302.5	282.2	267.2	257.4	252.3	248.3	245.1	242.1	237.0	231.4	225.6
135°	288.0	269.6	255.7	246.3	241.4	237.5	234.2	231.1	226.5	221.1	215.5
137.5°	272.4	255.7	242.8	233.8	229.1	225.4	222.5	219.2	215.0	210.3	205.1
140°	257.5	241.6	229.8	221.3	216.9	213.2	210.7	207.3	203.3	198.7	193.9
142.5°	241.4	226.4	215.9	207.9	203.9	200.4	198.0	194.8	191.4	186.8	182.2
145°	225.1	211.0	201.9	194.4	190.9	187.6	185.2	182.2	178.7	174.5	170.1
147.5°	207.6	194.7	186.8	179.5	176.5	173.4	171.1	168.4	165.1	161.4	157.4
150°	190.2	178.4	171.6	164.5	162.0	159.1	156.9	154.5	151.3	147.8	144.1
152.5°	172.5	161.9	155.7	149.1	146.7	144.1	142.0	139.7	136.8	133.6	130.1
155°	154.3	145.4	139.7	133.7	131.5	129.1	126.9	124.8	122.3	119.4	116.2
157.5°	134.2	127.5	122.6	117.4	115.6	113.6	111.5	109.6	107.4	104.9	102.1
160°	114.1	109.8	105.5	101.0	99.6	97.9	96.2	94.3	92.4	90.3	87.8
162.5°	95.4	92.0	88.5	84.7	83.4	82.0	80.3	78.7	77.1	75.3	73.3
165°	77.2	74.4	71.5	68.3	67.2	66.0	64.6	63.2	61.9	60.5	59.0
167.5°	60.4	58.0	55.5	52.9	52.1	51.2	50.1	48.9	47.7	46.5	45.2
170°	43.6	41.6	39.6	37.5	36.9	36.3	35.6	34.8	33.9	33.0	32.1
172.5°	28.9	27.5	26.0	24.5	24.2	23.9	23.4	23.0	22.4	21.8	21.1
175°	14.4	13.5	12.5	11.5	11.4	11.3	11.2	11.0	10.8	10.7	10.5
177.5°	7.2	6.7	6.2	5.7	5.7	5.7	5.6	5.6	5.5	5.4	5.4
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: P232000

CATALOG NUMBER: FVS4WM-4-LD4-30-2HI-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°	5.3	5.2	5.0	4.9	4.8	4.6	4.5	4.3	4.2	4.0	3.8
5°	10.2	10.0	9.7	9.5	9.2	8.9	8.6	8.2	7.9	7.6	7.2
7.5°	20.5	19.7	18.9	18.1	17.2	16.3	15.3	14.3	13.2	12.1	11.0
10°	31.1	30.1	29.0	27.8	26.6	25.4	24.0	22.7	21.2	19.8	18.2
12.5°	43.8	42.3	40.6	38.8	36.9	34.9	32.8	30.7	29.0	27.3	25.5
15°	57.3	55.3	53.1	50.9	48.6	46.3	43.9	41.5	38.9	36.4	33.4
17.5°	71.0	68.6	65.9	63.3	60.5	57.6	54.9	51.8	48.6	45.3	41.9
20°	85.2	82.4	79.5	76.4	73.2	69.6	65.9	62.0	58.1	54.1	50.6
22.5°	99.2	96.1	92.8	89.3	85.3	81.2	77.0	72.9	68.7	64.4	59.7
25°	112.8	109.2	105.5	101.6	97.4	92.9	88.4	83.7	78.9	74.0	68.9
27.5°	126.3	122.3	118.4	114.4	109.7	104.8	99.7	94.3	88.9	83.4	77.6
30°	140.0	135.6	131.1	126.2	121.2	115.9	110.1	104.3	98.5	92.5	86.2
32.5°	153.0	148.2	143.1	137.7	132.2	126.3	120.4	114.5	108.2	101.4	94.4
35°	165.2	160.1	154.8	149.0	143.0	137.0	131.2	124.6	117.3	110.0	102.9
37.5°	177.3	172.0	166.5	160.2	153.7	147.6	141.0	133.6	126.1	118.4	110.8
40°	188.7	182.9	176.9	170.5	164.2	157.6	149.9	142.1	134.3	126.5	118.7
42.5°	199.6	193.6	187.3	180.7	173.9	166.4	158.5	150.7	142.6	134.7	126.0
45°	209.6	203.4	197.1	190.2	182.9	175.3	167.1	158.9	150.6	142.0	133.0
47.5°	219.6	213.3	206.6	199.1	191.0	183.0	175.0	166.6	158.1	149.0	139.2
50°	229.4	222.6	215.4	207.4	199.0	191.0	182.5	173.5	164.6	155.0	145.0
52.5°	238.5	231.5	224.2	215.5	206.7	198.3	189.4	180.2	171.0	161.2	151.0
55°	246.3	239.2	231.8	222.7	214.0	205.4	196.3	186.6	176.8	166.8	156.4
57.5°	254.1	246.9	239.1	229.9	220.7	211.5	202.1	192.3	182.4	172.2	161.2
60°	261.3	253.6	245.1	236.0	226.8	217.4	208.0	197.6	187.1	176.7	165.7
62.5°	267.8	259.9	251.2	242.1	232.4	222.7	212.9	202.2	191.7	181.0	169.5
65°	273.4	264.9	256.1	247.1	237.3	227.8	217.5	206.7	195.9	184.5	172.4
67.5°	278.4	269.7	260.9	252.0	242.0	232.0	221.1	210.3	199.4	187.3	174.9
70°	282.8	274.0	265.2	255.8	245.6	235.6	224.7	213.7	202.7	189.8	177.5
72.5°	286.5	277.7	269.0	259.4	249.2	238.9	227.8	216.2	204.6	191.8	180.1
75°	289.7	280.4	271.5	261.6	251.5	241.3	230.1	218.3	206.2	194.1	182.3
77.5°	292.0	282.6	273.8	263.7	253.7	243.5	232.2	219.9	207.8	195.3	182.7
80°	294.0	284.4	275.6	265.3	254.9	244.4	233.0	220.8	208.6	195.9	183.1
82.5°	295.3	285.7	276.7	266.3	256.0	245.2	234.0	221.5	209.1	196.5	183.8
85°	296.4	286.8	277.3	266.7	256.9	245.7	234.8	221.7	209.8	197.2	184.1
87.5°	296.8	286.8	277.6	266.6	257.4	245.9	235.0	221.9	210.0	197.5	184.1
90°	297.3	286.7	278.1	266.5	257.9	246.3	234.8	222.3	209.8	197.2	183.8
92.5°	296.8	286.8	277.6	266.6	257.4	245.9	235.0	221.9	210.0	197.5	184.1
95°	296.4	286.8	277.3	266.7	256.9	245.7	234.8	221.7	209.8	197.2	184.1
97.5°	295.3	285.7	276.7	266.3	256.0	245.2	234.0	221.5	209.1	196.5	183.8
100°	294.0	284.4	275.6	265.3	254.9	244.4	233.0	220.8	208.6	195.9	183.1
102.5°	292.0	282.6	273.8	263.7	253.7	243.5	232.2	219.9	207.8	195.3	182.7
105°	289.7	280.4	271.5	261.6	251.5	241.3	230.1	218.3	206.2	194.1	182.3
107.5°	286.5	277.7	269.0	259.4	249.2	238.9	227.8	216.2	204.6	191.8	180.1
110°	282.8	274.0	265.2	255.8	245.6	235.6	224.7	213.7	202.7	189.8	177.5



TEST NUMBER: P232000

CATALOG NUMBER: FVS4WM-4-LD4-30-2HI-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	278.4	269.7	260.9	252.0	242.0	232.0	221.1	210.3	199.4	187.3	174.9
115°	273.4	264.9	256.1	247.1	237.3	227.8	217.5	206.7	195.9	184.5	172.4
117.5°	267.8	259.9	251.2	242.1	232.4	222.7	212.9	202.2	191.7	181.0	169.5
120°	261.3	253.6	245.1	236.0	226.8	217.4	208.0	197.6	187.1	176.7	165.7
122.5°	254.1	246.9	239.1	229.9	220.7	211.5	202.1	192.3	182.4	172.2	161.2
125°	246.3	239.2	231.8	222.7	214.0	205.4	196.3	186.6	176.8	166.8	156.4
127.5°	238.5	231.5	224.2	215.5	206.7	198.3	189.4	180.2	171.0	161.2	151.0
130°	229.4	222.6	215.4	207.4	199.0	191.0	182.5	173.5	164.6	155.0	145.0
132.5°	219.6	213.3	206.6	199.1	191.0	183.0	175.0	166.6	158.1	149.0	139.2
135°	209.6	203.4	197.1	190.2	182.9	175.3	167.1	158.9	150.6	142.0	133.0
137.5°	199.6	193.6	187.3	180.7	173.9	166.4	158.5	150.7	142.6	134.7	126.0
140°	188.7	182.9	176.9	170.5	164.2	157.6	149.9	142.1	134.3	126.5	118.7
142.5°	177.3	172.0	166.5	160.2	153.7	147.6	141.0	133.6	126.1	118.4	110.8
145°	165.2	160.1	154.8	149.0	143.0	137.0	131.2	124.6	117.3	110.0	102.9
147.5°	153.0	148.2	143.1	137.7	132.2	126.3	120.4	114.5	108.2	101.4	94.4
150°	140.0	135.6	131.1	126.2	121.2	115.9	110.1	104.3	98.5	92.5	86.2
152.5°	126.3	122.3	118.4	114.4	109.7	104.8	99.7	94.3	88.9	83.4	77.6
155°	112.8	109.2	105.5	101.6	97.4	92.9	88.4	83.7	78.9	74.0	68.9
157.5°	99.2	96.1	92.8	89.3	85.3	81.2	77.0	72.9	68.7	64.4	59.7
160°	85.2	82.4	79.5	76.4	73.2	69.6	65.9	62.0	58.1	54.1	50.6
162.5°	71.0	68.6	65.9	63.3	60.5	57.7	54.9	51.8	48.6	45.3	41.9
165°	57.3	55.3	53.1	50.9	48.6	46.3	43.9	41.5	38.9	36.4	33.4
167.5°	43.8	42.3	40.6	38.8	36.9	34.9	32.8	30.7	29.0	27.3	25.5
170°	31.1	30.1	29.0	27.8	26.6	25.4	24.0	22.7	21.2	19.8	18.2
172.5°	20.5	19.7	18.9	18.1	17.2	16.3	15.3	14.3	13.2	12.1	11.0
175°	10.2	10.0	9.7	9.5	9.2	8.9	8.6	8.2	7.9	7.6	7.2
177.5°	5.3	5.2	5.0	4.9	4.8	4.6	4.5	4.3	4.2	4.0	3.8
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: P232000

CATALOG NUMBER: FVS4WM-4-LD4-30-2HI-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	3.3	3.1	2.9	2.7	2.5	2.3	2.0	1.8	1.6
5°	6.9	6.5	6.1	5.7	5.3	4.9	4.5	4.1	3.7	3.3	2.9
7.5°	9.4	9.0	8.5	7.9	7.4	6.8	6.3	5.7	5.1	4.6	4.0
10°	16.7	15.1	13.5	11.9	10.2	8.2	7.6	6.9	6.2	5.5	4.8
12.5°	23.6	21.6	19.6	17.5	15.4	13.2	10.9	8.7	6.9	6.1	5.3
15°	30.5	27.7	25.2	22.7	20.2	17.7	15.2	12.7	10.2	7.6	6.2
17.5°	38.6	35.1	31.6	27.9	24.7	22.0	19.2	16.4	13.5	10.6	7.7
20°	46.8	42.9	38.8	34.8	30.7	26.7	23.1	19.8	16.5	13.2	9.8
22.5°	55.0	50.1	45.6	41.2	36.7	32.1	27.4	22.6	19.0	15.3	11.7
25°	63.6	58.3	53.0	47.7	42.5	37.2	32.0	26.7	21.6	17.6	13.7
27.5°	71.8	65.9	60.0	54.0	48.0	42.1	36.5	31.0	25.6	19.7	15.6
30°	79.7	73.1	66.9	60.5	54.0	47.2	40.4	34.6	28.7	22.8	17.1
32.5°	87.7	81.0	74.2	66.6	59.8	52.5	45.4	38.2	32.2	25.8	19.3
35°	95.9	88.3	80.7	73.0	65.3	57.7	50.2	42.7	35.2	28.3	21.4
37.5°	103.1	95.2	86.9	78.9	70.7	62.5	54.3	46.4	38.5	30.8	23.4
40°	110.4	101.8	93.2	84.6	75.9	67.2	58.5	49.7	41.1	32.5	24.7
42.5°	117.1	108.3	99.3	90.1	80.9	71.5	62.0	52.5	43.3	34.7	26.3
45°	123.7	114.3	104.9	95.4	85.3	75.3	65.3	55.4	45.5	36.2	27.4
47.5°	129.6	120.0	110.0	99.7	89.4	78.9	68.1	57.4	47.3	37.6	28.6
50°	135.5	125.4	114.7	103.9	93.0	81.3	69.8	59.3	49.3	39.1	29.8
52.5°	141.0	130.9	119.5	107.8	96.0	83.7	71.9	61.0	50.2	40.1	30.6
55°	145.8	134.7	123.3	110.7	98.3	85.9	74.0	62.7	51.5	41.4	31.6
57.5°	150.0	138.5	126.4	113.7	101.0	87.9	75.6	63.7	52.5	42.0	31.9
60°	154.4	142.2	129.8	116.8	103.0	89.8	77.2	65.3	53.7	43.1	32.6
62.5°	157.8	145.7	133.2	119.5	105.2	91.3	78.3	66.1	54.0	43.1	33.1
65°	161.0	149.0	136.1	122.3	106.9	92.5	79.2	66.7	54.8	43.1	32.8
67.5°	163.2	151.4	139.0	124.9	109.2	93.9	80.1	67.2	54.9	43.5	33.0
70°	165.4	153.3	141.1	127.3	111.2	95.7	80.6	67.1	54.5	43.2	32.5
72.5°	167.9	155.5	142.4	128.6	113.3	97.3	81.7	67.5	54.1	42.5	31.6
75°	169.0	156.4	142.8	129.8	115.6	99.2	82.8	67.8	54.6	41.9	31.2
77.5°	169.8	156.7	143.7	130.9	116.9	101.1	84.5	68.6	54.6	41.5	29.9
80°	170.4	157.2	143.7	130.8	116.9	102.7	87.1	70.2	54.5	40.5	28.9
82.5°	170.6	157.1	143.2	130.3	116.3	102.1	87.8	72.3	55.5	40.0	27.1
85°	170.7	157.2	143.1	129.9	114.8	101.1	86.9	72.6	57.7	41.7	26.4
87.5°	170.9	157.2	143.8	129.5	114.0	100.6	86.1	71.7	57.5	43.2	28.6
90°	171.3	156.8	143.4	129.9	113.5	101.0	85.6	71.2	57.7	42.3	28.9
92.5°	170.9	157.2	143.8	129.5	114.0	100.6	86.1	71.7	57.5	43.2	28.6
95°	170.7	157.2	143.1	129.9	114.8	101.1	86.9	72.6	57.7	41.7	26.4
97.5°	170.6	157.1	143.2	130.3	116.3	102.1	87.8	72.3	55.5	40.0	27.1
100°	170.4	157.2	143.7	130.8	116.9	102.7	87.1	70.2	54.5	40.5	28.9
102.5°	169.8	156.7	143.7	130.9	116.9	101.1	84.5	68.6	54.6	41.5	29.9
105°	169.0	156.4	142.8	129.8	115.6	99.2	82.8	67.8	54.6	41.9	31.2
107.5°	167.9	155.5	142.4	128.6	113.3	97.3	81.7	67.5	54.1	42.5	31.6
110°	165.4	153.3	141.1	127.3	111.2	95.7	80.6	67.1	54.5	43.2	32.5





TEST NUMBER: P232000

CATALOG NUMBER: FVS4WM-4-LD4-30-2HI-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°	163.2	151.4	139.0	124.9	109.2	93.9	80.1	67.2	54.9	43.5	33.0
115°	161.0	149.0	136.1	122.3	106.9	92.5	79.2	66.7	54.8	43.1	32.8
117.5°	157.8	145.7	133.2	119.5	105.2	91.3	78.3	66.1	54.0	43.1	33.1
120°	154.4	142.2	129.8	116.8	103.0	89.8	77.2	65.3	53.7	43.1	32.6
122.5°	150.0	138.5	126.4	113.7	101.0	87.9	75.6	63.7	52.5	42.0	31.9
125°	145.8	134.7	123.3	110.7	98.3	85.9	74.0	62.7	51.5	41.4	31.6
127.5°	141.0	130.9	119.5	107.8	96.0	83.7	71.9	61.0	50.2	40.1	30.6
130°	135.5	125.4	114.7	103.9	93.0	81.3	69.8	59.3	49.3	39.1	29.8
132.5°	129.6	120.0	110.0	99.7	89.4	78.9	68.1	57.4	47.3	37.6	28.6
135°	123.7	114.3	104.9	95.4	85.3	75.3	65.3	55.4	45.5	36.2	27.4
137.5°	117.1	108.3	99.3	90.1	80.9	71.5	62.0	52.5	43.3	34.7	26.3
140°	110.4	101.8	93.2	84.6	75.9	67.2	58.5	49.7	41.1	32.5	24.7
142.5°	103.1	95.2	86.9	78.9	70.7	62.5	54.3	46.4	38.5	30.8	23.4
145°	95.9	88.3	80.7	73.0	65.3	57.7	50.2	42.7	35.2	28.3	21.4
147.5°	87.7	81.0	74.2	66.6	59.8	52.5	45.4	38.2	32.2	25.8	19.3
150°	79.7	73.1	66.9	60.5	54.0	47.2	40.4	34.6	28.7	22.8	17.1
152.5°	71.8	65.9	60.0	54.0	48.0	42.1	36.5	31.0	25.6	19.7	15.6
155°	63.6	58.3	53.0	47.7	42.5	37.2	32.0	26.7	21.6	17.6	13.7
157.5°	55.0	50.1	45.6	41.2	36.7	32.1	27.4	22.6	19.0	15.3	11.7
160°	46.8	42.9	38.8	34.8	30.7	26.7	23.1	19.8	16.5	13.2	9.8
162.5°	38.6	35.1	31.6	27.9	24.7	22.0	19.2	16.4	13.5	10.6	7.7
165°	30.5	27.7	25.2	22.7	20.2	17.7	15.2	12.7	10.2	7.6	6.2
167.5°	23.6	21.6	19.6	17.5	15.4	13.2	10.9	8.7	6.9	6.1	5.3
170°	16.7	15.1	13.5	11.9	10.2	8.2	7.6	6.9	6.2	5.5	4.8
172.5°	9.4	9.0	8.5	7.9	7.4	6.8	6.3	5.7	5.1	4.6	4.0
175°	6.9	6.5	6.1	5.7	5.3	4.9	4.5	4.1	3.7	3.3	2.9
177.5°	3.7	3.5	3.3	3.1	2.9	2.7	2.5	2.3	2.0	1.8	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: P232000

CATALOG NUMBER: FVS4WM-4-LD4-30-2HI-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°	2.5	2.1	1.7	1.3	0.8	0.4	0.0	0.4	0.8	1.3	1.7
7.5°	3.4	2.9	2.3	1.7	1.1	0.6	0.0	0.6	1.1	1.7	2.3
10°	4.1	3.4	2.7	2.0	1.4	0.7	0.0	0.7	1.4	2.0	2.7
12.5°	4.5	3.7	3.0	2.2	1.5	0.7	0.0	0.7	1.5	2.2	3.0
15°	5.3	4.4	3.6	2.7	1.8	0.9	0.0	0.9	1.8	2.7	3.6
17.5°	5.6	4.6	3.7	2.8	1.8	0.9	0.0	0.9	1.8	2.8	3.7
20°	6.5	4.5	3.6	2.6	1.8	0.9	0.0	0.9	1.8	2.6	3.6
22.5°	8.1	4.5	3.2	2.4	1.6	0.8	0.0	0.8	1.6	2.4	3.2
25°	9.8	5.8	2.8	2.1	1.4	0.7	0.0	0.7	1.4	2.1	2.8
27.5°	11.3	6.9	2.6	1.6	1.0	0.5	0.0	0.5	1.0	1.6	2.6
30°	12.6	8.3	4.1	1.6	1.1	0.5	0.0	0.5	1.1	1.6	4.1
32.5°	13.6	9.2	4.8	1.1	0.7	0.3	0.0	0.3	0.7	1.1	4.8
35°	14.6	9.8	5.6	1.5	0.7	0.3	0.0	0.3	0.7	1.5	5.6
37.5°	16.3	10.2	6.2	2.4	0.8	0.4	0.0	0.4	0.8	2.4	6.2
40°	17.6	10.5	6.4	3.0	0.8	0.4	0.0	0.4	0.8	3.0	6.4
42.5°	18.7	11.4	6.1	3.2	0.9	0.5	0.0	0.5	0.9	3.2	6.1
45°	19.1	12.0	5.3	2.6	0.1	0.0	0.0	0.0	0.1	2.6	5.3
47.5°	20.2	12.7	6.0	2.8	1.2	1.0	1.0	1.0	1.2	2.8	6.0
50°	21.2	13.2	6.8	2.6	1.4	1.0	1.0	1.0	1.4	2.6	6.8
52.5°	21.6	13.5	7.1	2.1	1.3	1.0	1.0	1.0	1.3	2.1	7.1
55°	22.2	13.8	6.8	2.5	1.4	1.0	1.0	1.0	1.4	2.5	6.8
57.5°	22.6	14.1	6.3	2.6	1.1	1.0	1.0	1.0	1.1	2.6	6.3
60°	22.8	14.3	7.1	2.7	1.0	1.0	1.0	1.0	1.0	2.7	7.1
62.5°	23.6	15.0	7.7	2.8	1.0	1.0	1.0	1.0	1.0	2.8	7.7
65°	23.8	15.7	7.5	2.8	1.1	1.0	1.0	1.0	1.1	2.8	7.5
67.5°	23.7	15.2	7.4	2.6	1.1	1.0	1.0	1.0	1.1	2.6	7.4
70°	23.1	15.1	7.0	2.3	1.0	1.0	1.0	1.0	1.0	2.3	7.0
72.5°	22.6	14.3	6.9	2.3	0.4	1.0	1.0	1.0	0.4	2.3	6.9
75°	21.4	13.3	6.3	1.6	0.2	1.0	1.0	1.0	0.2	1.6	6.3
77.5°	20.0	12.4	5.1	0.9	0.0	0.1	0.0	0.1	0.0	0.9	5.1
80°	18.3	10.0	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6
82.5°	16.3	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	14.3	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	13.9	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	16.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	13.9	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	14.3	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	16.3	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	18.3	10.0	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6
102.5°	20.0	12.4	5.1	0.9	0.0	0.1	0.0	0.1	0.0	0.9	5.1
105°	21.4	13.3	6.3	1.6	0.2	1.0	1.0	1.0	0.2	1.6	6.3
107.5°	22.6	14.3	6.9	2.3	0.4	1.0	1.0	1.0	0.4	2.3	6.9
110°	23.1	15.1	7.0	2.3	1.0	1.0	1.0	1.0	1.0	2.3	7.0



TEST NUMBER: P232000

CATALOG NUMBER: FVS4WM-4-LD4-30-2HI-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	23.7	15.2	7.4	2.6	1.1	1.0	1.0	1.0	1.1	2.6	7.4
115°	23.8	15.7	7.5	2.8	1.1	1.0	1.0	1.0	1.1	2.8	7.5
117.5°	23.6	15.0	7.7	2.8	1.0	1.0	1.0	1.0	1.0	2.8	7.7
120°	22.8	14.3	7.1	2.7	1.0	1.0	1.0	1.0	1.0	2.7	7.1
122.5°	22.6	14.1	6.3	2.6	1.1	1.0	1.0	1.0	1.1	2.6	6.3
125°	22.2	13.8	6.8	2.5	1.4	1.0	1.0	1.0	1.4	2.5	6.8
127.5°	21.6	13.5	7.1	2.1	1.3	1.0	1.0	1.0	1.3	2.1	7.1
130°	21.2	13.2	6.8	2.6	1.4	1.0	1.0	1.0	1.4	2.6	6.8
132.5°	20.2	12.7	6.0	2.8	1.2	1.0	1.0	1.0	1.2	2.8	6.0
135°	19.1	12.0	5.3	2.6	0.1	0.0	0.0	0.0	0.1	2.6	5.3
137.5°	18.7	11.4	6.1	3.2	0.9	0.5	0.0	0.5	0.9	3.2	6.1
140°	17.6	10.5	6.4	3.0	0.8	0.4	0.0	0.4	0.8	3.0	6.4
142.5°	16.3	10.2	6.2	2.4	0.8	0.4	0.0	0.4	0.8	2.4	6.2
145°	14.6	9.8	5.6	1.5	0.7	0.3	0.0	0.3	0.7	1.5	5.6
147.5°	13.6	9.2	4.8	1.1	0.7	0.3	0.0	0.3	0.7	1.1	4.8
150°	12.6	8.3	4.1	1.6	1.1	0.5	0.0	0.5	1.1	1.6	4.1
152.5°	11.3	6.9	2.6	1.6	1.0	0.5	0.0	0.5	1.0	1.6	2.6
155°	9.8	5.8	2.8	2.1	1.4	0.7	0.0	0.7	1.4	2.1	2.8
157.5°	8.1	4.5	3.2	2.4	1.6	0.8	0.0	0.8	1.6	2.4	3.2
160°	6.5	4.5	3.6	2.6	1.8	0.9	0.0	0.9	1.8	2.6	3.6
162.5°	5.6	4.6	3.7	2.8	1.8	0.9	0.0	0.9	1.8	2.8	3.7
165°	5.3	4.4	3.6	2.7	1.8	0.9	0.0	0.9	1.8	2.7	3.6
167.5°	4.5	3.7	3.0	2.2	1.5	0.7	0.0	0.7	1.5	2.2	3.0
170°	4.1	3.4	2.7	2.0	1.4	0.7	0.0	0.7	1.4	2.0	2.7
172.5°	3.4	2.9	2.3	1.7	1.1	0.6	0.0	0.6	1.1	1.7	2.3
175°	2.5	2.1	1.7	1.3	0.8	0.4	0.0	0.4	0.8	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: P232000

CATALOG NUMBER: FVS4WM-4-LD4-30-2HI-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	1.8	2.0	2.3	2.5	2.7	2.9	3.1	3.3
5°	2.1	2.5	2.9	3.3	3.7	4.1	4.5	4.9	5.3	5.7	6.1
7.5°	2.9	3.4	4.0	4.6	5.1	5.7	6.3	6.8	7.4	7.9	8.5
10°	3.4	4.1	4.8	5.5	6.2	6.9	7.6	8.2	10.2	11.9	13.5
12.5°	3.7	4.5	5.3	6.1	6.9	8.7	10.9	13.2	15.4	17.5	19.6
15°	4.4	5.3	6.2	7.6	10.2	12.7	15.2	17.7	20.2	22.7	25.2
17.5°	4.6	5.6	7.7	10.6	13.5	16.4	19.2	22.0	24.7	27.9	31.6
20°	4.5	6.5	9.8	13.2	16.5	19.8	23.1	26.7	30.7	34.8	38.8
22.5°	4.5	8.1	11.7	15.3	19.0	22.6	27.4	32.1	36.7	41.2	45.6
25°	5.8	9.8	13.7	17.6	21.6	26.7	32.0	37.2	42.5	47.7	53.0
27.5°	6.9	11.3	15.6	19.7	25.6	31.0	36.5	42.1	48.0	54.0	60.0
30°	8.3	12.6	17.1	22.8	28.7	34.6	40.4	47.2	54.0	60.5	66.9
32.5°	9.2	13.6	19.3	25.8	32.2	38.2	45.4	52.5	59.8	66.6	74.2
35°	9.8	14.6	21.4	28.3	35.2	42.7	50.2	57.7	65.3	73.0	80.7
37.5°	10.2	16.3	23.4	30.8	38.5	46.4	54.3	62.5	70.7	78.9	86.9
40°	10.5	17.6	24.7	32.5	41.1	49.7	58.5	67.2	75.9	84.6	93.2
42.5°	11.4	18.7	26.3	34.7	43.3	52.5	62.0	71.5	80.9	90.1	99.3
45°	12.0	19.1	27.4	36.2	45.5	55.4	65.3	75.3	85.3	95.4	104.9
47.5°	12.7	20.2	28.6	37.6	47.3	57.4	68.1	78.9	89.4	99.7	110.0
50°	13.2	21.2	29.8	39.1	49.3	59.3	69.8	81.3	93.0	103.9	114.7
52.5°	13.5	21.6	30.6	40.1	50.2	61.0	71.9	83.7	96.0	107.8	119.5
55°	13.8	22.2	31.6	41.4	51.5	62.7	74.0	85.9	98.3	110.7	123.3
57.5°	14.1	22.6	31.9	42.0	52.5	63.7	75.6	87.9	101.0	113.7	126.4
60°	14.3	22.8	32.6	43.1	53.7	65.3	77.2	89.8	103.0	116.8	129.8
62.5°	15.0	23.6	33.1	43.1	54.0	66.1	78.3	91.3	105.2	119.5	133.2
65°	15.7	23.8	32.8	43.1	54.8	66.7	79.2	92.5	106.9	122.3	136.1
67.5°	15.2	23.7	33.0	43.5	54.9	67.2	80.1	93.9	109.2	124.9	139.0
70°	15.1	23.1	32.5	43.2	54.5	67.1	80.6	95.7	111.2	127.3	141.1
72.5°	14.3	22.6	31.6	42.5	54.1	67.5	81.7	97.3	113.3	128.6	142.4
75°	13.3	21.4	31.2	41.9	54.6	67.8	82.8	99.2	115.6	129.8	142.8
77.5°	12.4	20.0	29.9	41.5	54.6	68.6	84.5	101.1	116.9	130.9	143.7
80°	10.0	18.3	28.9	40.5	54.5	70.2	87.1	102.7	116.9	130.8	143.7
82.5°	7.1	16.3	27.1	40.0	55.5	72.3	87.8	102.1	116.3	130.3	143.2
85°	3.9	14.3	26.4	41.7	57.7	72.6	86.9	101.1	114.8	129.9	143.1
87.5°	1.2	13.9	28.6	43.2	57.5	71.7	86.1	100.6	114.0	129.5	143.8
90°	0.0	16.4	28.9	42.3	57.7	71.2	85.6	101.0	113.5	129.9	143.4
92.5°	1.2	13.9	28.6	43.2	57.5	71.7	86.1	100.6	114.0	129.5	143.8
95°	3.9	14.3	26.4	41.7	57.7	72.6	86.9	101.1	114.8	129.9	143.1
97.5°	7.1	16.3	27.1	40.0	55.5	72.3	87.8	102.1	116.3	130.3	143.2
100°	10.0	18.3	28.9	40.5	54.5	70.2	87.1	102.7	116.9	130.8	143.7
102.5°	12.4	20.0	29.9	41.5	54.6	68.6	84.5	101.1	116.9	130.9	143.7
105°	13.3	21.4	31.2	41.9	54.6	67.8	82.8	99.2	115.6	129.8	142.8
107.5°	14.3	22.6	31.6	42.5	54.1	67.5	81.7	97.3	113.3	128.6	142.4
110°	15.1	23.1	32.5	43.2	54.5	67.1	80.6	95.7	111.2	127.3	141.1



TEST NUMBER: P232000

CATALOG NUMBER: FVS4WM-4-LD4-30-2HI-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°	15.2	23.7	33.0	43.5	54.9	67.2	80.1	93.9	109.2	124.9	139.0
115°	15.7	23.8	32.8	43.1	54.8	66.7	79.2	92.5	106.9	122.3	136.1
117.5°	15.0	23.6	33.1	43.1	54.0	66.1	78.3	91.3	105.2	119.5	133.2
120°	14.3	22.8	32.6	43.1	53.7	65.3	77.2	89.8	103.0	116.8	129.8
122.5°	14.1	22.6	31.9	42.0	52.5	63.7	75.6	87.9	101.0	113.7	126.4
125°	13.8	22.2	31.6	41.4	51.5	62.7	74.0	85.9	98.3	110.7	123.3
127.5°	13.5	21.6	30.6	40.1	50.2	61.0	71.9	83.7	96.0	107.8	119.5
130°	13.2	21.2	29.8	39.1	49.3	59.3	69.8	81.3	93.0	103.9	114.7
132.5°	12.7	20.2	28.6	37.6	47.3	57.4	68.1	78.9	89.4	99.7	110.0
135°	12.0	19.1	27.4	36.2	45.5	55.4	65.3	75.3	85.3	95.4	104.9
137.5°	11.4	18.7	26.3	34.7	43.3	52.5	62.0	71.5	80.9	90.1	99.3
140°	10.5	17.6	24.7	32.5	41.1	49.7	58.5	67.2	75.9	84.6	93.2
142.5°	10.2	16.3	23.4	30.8	38.5	46.4	54.3	62.5	70.7	78.9	86.9
145°	9.8	14.6	21.4	28.3	35.2	42.7	50.2	57.7	65.3	73.0	80.7
147.5°	9.2	13.6	19.3	25.8	32.2	38.2	45.4	52.5	59.8	66.6	74.2
150°	8.3	12.6	17.1	22.8	28.7	34.6	40.4	47.2	54.0	60.5	66.9
152.5°	6.9	11.3	15.6	19.7	25.6	31.0	36.5	42.1	48.0	54.0	60.0
155°	5.8	9.8	13.7	17.6	21.6	26.7	32.0	37.2	42.5	47.7	53.0
157.5°	4.5	8.1	11.7	15.3	19.0	22.6	27.4	32.1	36.7	41.2	45.6
160°	4.5	6.5	9.8	13.2	16.5	19.8	23.1	26.7	30.7	34.8	38.8
162.5°	4.6	5.6	7.7	10.6	13.5	16.4	19.2	22.0	24.7	27.9	31.6
165°	4.4	5.3	6.2	7.6	10.2	12.7	15.2	17.7	20.2	22.7	25.2
167.5°	3.7	4.5	5.3	6.1	6.9	8.7	10.9	13.2	15.4	17.5	19.6
170°	3.4	4.1	4.8	5.5	6.2	6.9	7.6	8.2	10.2	11.9	13.5
172.5°	2.9	3.4	4.0	4.6	5.1	5.7	6.3	6.8	7.4	7.9	8.5
175°	2.1	2.5	2.9	3.3	3.7	4.1	4.5	4.9	5.3	5.7	6.1
177.5°	1.2	1.4	1.6	1.8	2.0	2.3	2.5	2.7	2.9	3.1	3.3
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: P232000

CATALOG NUMBER: FVS4WM-4-LD4-30-2HI-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	3.8	4.0	4.2	4.3	4.5	4.6	4.8	4.9	5.0
5°	6.5	6.9	7.2	7.6	7.9	8.2	8.6	8.9	9.2	9.5	9.7
7.5°	9.0	9.4	11.0	12.1	13.2	14.3	15.3	16.3	17.2	18.1	18.9
10°	15.1	16.7	18.2	19.8	21.2	22.7	24.0	25.4	26.6	27.8	29.0
12.5°	21.6	23.6	25.5	27.3	29.0	30.7	32.8	34.9	36.9	38.8	40.6
15°	27.7	30.5	33.4	36.4	38.9	41.5	43.9	46.3	48.6	50.9	53.1
17.5°	35.1	38.6	41.9	45.3	48.6	51.8	54.9	57.6	60.5	63.3	65.9
20°	42.9	46.8	50.6	54.1	58.1	62.0	65.9	69.6	73.2	76.4	79.5
22.5°	50.1	55.0	59.7	64.4	68.7	72.9	77.0	81.2	85.3	89.3	92.8
25°	58.3	63.6	68.9	74.0	78.9	83.7	88.4	92.9	97.4	101.6	105.5
27.5°	65.9	71.8	77.6	83.4	88.9	94.3	99.7	104.8	109.7	114.4	118.4
30°	73.1	79.7	86.2	92.5	98.5	104.3	110.1	115.9	121.2	126.2	131.1
32.5°	81.0	87.7	94.4	101.4	108.2	114.5	120.4	126.3	132.2	137.7	143.1
35°	88.3	95.9	102.9	110.0	117.3	124.6	131.2	137.0	143.0	149.0	154.8
37.5°	95.2	103.1	110.8	118.4	126.1	133.6	141.0	147.6	153.7	160.2	166.5
40°	101.8	110.4	118.7	126.5	134.3	142.1	149.9	157.6	164.2	170.5	176.9
42.5°	108.3	117.1	126.0	134.7	142.6	150.7	158.5	166.4	173.9	180.7	187.3
45°	114.3	123.7	133.0	142.0	150.6	158.9	167.1	175.3	182.9	190.2	197.1
47.5°	120.0	129.6	139.2	149.0	158.1	166.6	175.0	183.0	191.0	199.1	206.6
50°	125.4	135.5	145.0	155.0	164.6	173.5	182.5	191.0	199.0	207.4	215.4
52.5°	130.9	141.0	151.0	161.2	171.0	180.2	189.4	198.3	206.7	215.5	224.2
55°	134.7	145.8	156.4	166.8	176.8	186.6	196.3	205.4	214.0	222.7	231.8
57.5°	138.5	150.0	161.2	172.2	182.4	192.3	202.1	211.5	220.7	229.9	239.1
60°	142.2	154.4	165.7	176.7	187.1	197.6	208.0	217.4	226.8	236.0	245.1
62.5°	145.7	157.8	169.5	181.0	191.7	202.2	212.9	222.7	232.4	242.1	251.2
65°	149.0	161.0	172.4	184.5	195.9	206.7	217.5	227.8	237.3	247.1	256.1
67.5°	151.4	163.2	174.9	187.3	199.4	210.3	221.1	232.0	242.0	252.0	260.9
70°	153.3	165.4	177.5	189.8	202.7	213.7	224.7	235.6	245.6	255.8	265.2
72.5°	155.5	167.9	180.1	191.8	204.6	216.2	227.8	238.9	249.2	259.4	269.0
75°	156.4	169.0	182.3	194.1	206.2	218.3	230.1	241.3	251.5	261.6	271.5
77.5°	156.7	169.8	182.7	195.3	207.8	219.9	232.2	243.5	253.7	263.7	273.8
80°	157.2	170.4	183.1	195.9	208.6	220.8	233.0	244.4	254.9	265.3	275.6
82.5°	157.1	170.6	183.8	196.5	209.1	221.5	234.0	245.2	256.0	266.3	276.7
85°	157.2	170.7	184.1	197.2	209.8	221.7	234.8	245.7	256.9	266.7	277.3
87.5°	157.2	170.7	184.1	197.2	209.8	221.7	234.8	245.7	256.9	266.7	277.3
90°	156.8	171.3	183.8	197.2	209.8	222.3	234.8	246.3	257.9	266.5	278.1
92.5°	157.2	170.9	184.1	197.5	210.0	221.9	235.0	245.9	257.4	266.6	277.6
95°	157.2	170.7	184.1	197.2	209.8	221.7	234.8	245.7	256.9	266.7	277.3
97.5°	157.1	170.6	183.8	196.5	209.1	221.5	234.0	245.2	256.0	266.3	276.7
100°	157.2	170.4	183.1	195.9	208.6	220.8	233.0	244.4	254.9	265.3	275.6
102.5°	156.7	169.8	182.7	195.3	207.8	219.9	232.2	243.5	253.7	263.7	273.8
105°	156.4	169.0	182.3	194.1	206.2	218.3	230.1	241.3	251.5	261.6	271.5
107.5°	155.5	167.9	180.1	191.8	204.6	216.2	227.8	238.9	249.2	259.4	269.0
110°	153.3	165.4	177.5	189.8	202.7	213.7	224.7	235.6	245.6	255.8	265.2



TEST NUMBER: P232000

CATALOG NUMBER: FVS4WM-4-LD4-30-2HI-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	151.4	163.2	174.9	187.3	199.4	210.3	221.1	232.0	242.0	252.0	260.9
115°	149.0	161.0	172.4	184.5	195.9	206.7	217.5	227.8	237.3	247.1	256.1
117.5°	145.7	157.8	169.5	181.0	191.7	202.2	212.9	222.7	232.4	242.1	251.2
120°	142.2	154.4	165.7	176.7	187.1	197.6	208.0	217.4	226.8	236.0	245.1
122.5°	138.5	150.0	161.2	172.2	182.4	192.3	202.1	211.5	220.7	229.9	239.1
125°	134.7	145.8	156.4	166.8	176.8	186.6	196.3	205.4	214.0	222.7	231.8
127.5°	130.9	141.0	151.0	161.2	171.0	180.2	189.4	198.3	206.7	215.5	224.2
130°	125.4	135.5	145.0	155.0	164.6	173.5	182.5	191.0	199.0	207.4	215.4
132.5°	120.0	129.6	139.2	149.0	158.1	166.6	175.0	183.0	191.0	199.1	206.6
135°	114.3	123.7	133.0	142.0	150.6	158.9	167.1	175.3	182.9	190.2	197.1
137.5°	108.3	117.1	126.0	134.7	142.6	150.7	158.5	166.4	173.9	180.7	187.3
140°	101.8	110.4	118.7	126.5	134.3	142.1	149.9	157.6	164.2	170.5	176.9
142.5°	95.2	103.1	110.8	118.4	126.1	133.6	141.0	147.6	153.7	160.2	166.5
145°	88.3	95.9	102.9	110.0	117.3	124.6	131.2	137.0	143.0	149.0	154.8
147.5°	81.0	87.7	94.4	101.4	108.2	114.5	120.4	126.3	132.2	137.7	143.1
150°	73.1	79.7	86.2	92.5	98.5	104.3	110.1	115.9	121.2	126.2	131.1
152.5°	65.9	71.8	77.6	83.4	88.9	94.3	99.7	104.8	109.7	114.4	118.4
155°	58.3	63.6	68.9	74.0	78.9	83.7	88.4	92.9	97.4	101.6	105.5
157.5°	50.1	55.0	59.7	64.4	68.7	72.9	77.0	81.2	85.3	89.3	92.8
160°	42.9	46.8	50.6	54.1	58.1	62.0	65.9	69.6	73.2	76.4	79.5
162.5°	35.1	38.6	41.9	45.3	48.6	51.8	54.9	57.6	60.5	63.3	65.9
165°	27.7	30.5	33.4	36.4	38.9	41.5	43.9	46.3	48.6	50.9	53.1
167.5°	21.6	23.6	25.5	27.3	29.0	30.7	32.8	34.9	36.9	38.8	40.6
170°	15.1	16.7	18.2	19.8	21.2	22.7	24.0	25.4	26.6	27.8	29.0
172.5°	9.0	9.4	11.0	12.1	13.2	14.3	15.3	16.3	17.2	18.1	18.9
175°	6.5	6.9	7.2	7.6	7.9	8.2	8.6	8.9	9.2	9.5	9.7
177.5°	3.5	3.7	3.8	4.0	4.2	4.3	4.5	4.6	4.8	4.9	5.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232000

CATALOG NUMBER: FVS4WM-4-LD4-30-2HI-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°	5.2	5.3	5.4	5.4	5.5	5.6	5.6	5.7	5.7	5.8	6.2
5°	10.0	10.2	10.5	10.7	10.8	11.0	11.2	11.3	11.4	11.5	12.5
7.5°	19.7	20.5	21.1	21.8	22.4	23.0	23.4	23.9	24.2	24.5	26.0
10°	30.1	31.1	32.1	33.0	33.9	34.8	35.6	36.3	36.9	37.5	39.6
12.5°	42.3	43.8	45.2	46.5	47.7	48.9	50.1	51.2	52.1	52.9	55.5
15°	55.3	57.3	59.0	60.5	61.9	63.2	64.6	66.0	67.2	68.3	71.5
17.5°	68.6	71.0	73.3	75.3	77.1	78.7	80.3	82.0	83.4	84.7	88.5
20°	82.4	85.2	87.8	90.3	92.4	94.3	96.2	97.9	99.6	101.0	105.5
22.5°	96.1	99.2	102.1	104.9	107.4	109.6	111.5	113.6	115.6	117.4	122.6
25°	109.2	112.8	116.2	119.4	122.3	124.8	126.9	129.1	131.5	133.7	139.7
27.5°	122.3	126.3	130.1	133.6	136.8	139.7	142.0	144.1	146.7	149.1	155.7
30°	135.6	140.0	144.1	147.8	151.3	154.5	156.9	159.1	162.0	164.5	171.6
32.5°	148.2	153.0	157.4	161.4	165.1	168.4	171.1	173.4	176.5	179.5	186.8
35°	160.1	165.2	170.1	174.5	178.7	182.2	185.2	187.6	190.9	194.4	201.9
37.5°	172.0	177.3	182.2	186.8	191.4	194.8	198.0	200.4	203.9	207.9	215.9
40°	182.9	188.7	193.9	198.7	203.3	207.3	210.7	213.2	216.9	221.3	229.8
42.5°	193.6	199.6	205.1	210.3	215.0	219.2	222.5	225.4	229.1	233.8	242.8
45°	203.4	209.6	215.5	221.1	226.5	231.1	234.2	237.5	241.4	246.3	255.7
47.5°	213.3	219.6	225.6	231.4	237.0	242.1	245.1	248.3	252.3	257.4	267.2
50°	222.6	229.4	235.6	241.5	247.3	252.7	256.0	259.2	263.1	268.4	278.6
52.5°	231.5	238.5	244.9	250.8	256.5	262.0	265.8	269.1	273.1	278.5	289.8
55°	239.2	246.3	253.1	259.7	265.4	271.0	275.4	279.1	283.0	288.6	301.1
57.5°	246.9	254.1	261.1	267.3	273.3	279.0	283.5	287.1	291.1	297.3	309.8
60°	253.6	261.3	269.2	274.5	280.7	286.7	291.4	295.1	299.3	306.0	318.4
62.5°	259.9	267.8	275.3	281.3	287.5	293.4	298.2	302.4	306.7	313.2	326.3
65°	264.9	273.4	280.9	287.6	294.2	300.1	304.9	309.6	314.3	320.4	334.3
67.5°	269.7	278.4	285.9	292.7	299.3	305.6	310.8	315.1	319.5	326.2	339.5
70°	274.0	282.8	290.6	297.4	304.2	310.8	316.8	320.7	324.6	331.9	344.6
72.5°	277.7	286.5	294.6	301.6	308.4	315.2	320.7	325.0	328.9	336.3	349.5
75°	280.4	289.7	298.1	305.5	312.4	319.6	324.5	329.3	333.1	340.6	355.0
77.5°	282.6	292.0	300.5	308.3	314.7	322.1	327.3	332.1	336.0	343.5	357.9
80°	284.4	294.0	302.6	310.9	316.9	324.4	330.1	334.9	338.8	346.4	360.8
82.5°	285.7	295.3	304.3	312.0	318.6	325.8	331.5	336.3	340.2	348.3	362.7
85°	286.8	296.4	306.0	312.8	320.4	327.1	332.9	337.7	341.6	350.2	364.7
87.5°	286.8	296.8	306.0	313.2	320.4	327.6	333.4	338.2	342.1	350.2	365.1
90°	286.7	297.3	306.0	313.7	320.4	328.1	333.9	338.7	342.5	350.2	365.6
92.5°	286.8	296.8	306.0	313.2	320.4	327.6	333.4	338.2	342.1	350.2	365.1
95°	286.8	296.4	306.0	312.8	320.4	327.1	332.9	337.7	341.6	350.2	364.7
97.5°	285.7	295.3	304.3	312.0	318.6	325.8	331.5	336.3	340.2	348.3	362.7
100°	284.4	294.0	302.6	310.9	316.9	324.4	330.1	334.9	338.8	346.4	360.8
102.5°	282.6	292.0	300.5	308.3	314.7	322.1	327.3	332.1	336.0	343.5	357.9
105°	280.4	289.7	298.1	305.5	312.4	319.6	324.5	329.3	333.1	340.6	355.0
107.5°	277.7	286.5	294.6	301.6	308.4	315.2	320.7	325.0	328.9	336.3	349.5
110°	274.0	282.8	290.6	297.4	304.2	310.8	316.8	320.7	324.6	331.9	344.6





TEST NUMBER: P232000

CATALOG NUMBER: FVS4WM-4-LD4-30-2HI-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°	269.7	278.4	285.9	292.7	299.3	305.6	310.8	315.1	319.5	326.2	339.5
115°	264.9	273.4	280.9	287.6	294.2	300.1	304.9	309.6	314.3	320.4	334.3
117.5°	259.9	267.8	275.3	281.3	287.5	293.4	298.2	302.4	306.7	313.2	326.3
120°	253.6	261.3	269.2	274.5	280.7	286.7	291.4	295.1	299.3	306.0	318.4
122.5°	246.9	254.1	261.1	267.3	273.3	279.0	283.5	287.1	291.1	297.3	309.8
125°	239.2	246.3	253.1	259.7	265.4	271.0	275.4	279.1	283.0	288.6	301.1
127.5°	231.5	238.5	244.9	250.8	256.5	262.0	265.8	269.1	273.1	278.5	289.8
130°	222.6	229.4	235.6	241.5	247.3	252.7	256.0	259.2	263.1	268.4	278.6
132.5°	213.3	219.6	225.6	231.4	237.0	242.1	245.1	248.3	252.3	257.4	267.2
135°	203.4	209.6	215.5	221.1	226.5	231.1	234.2	237.5	241.4	246.3	255.7
137.5°	193.6	199.6	205.1	210.3	215.0	219.2	222.5	225.4	229.1	233.8	242.8
140°	182.9	188.7	193.9	198.7	203.3	207.3	210.7	213.2	216.9	221.3	229.8
142.5°	172.0	177.3	182.2	186.8	191.4	194.8	198.0	200.4	203.9	207.9	215.9
145°	160.1	165.2	170.1	174.5	178.7	182.2	185.2	187.6	190.9	194.4	201.9
147.5°	148.2	153.0	157.4	161.4	165.1	168.4	171.1	173.4	176.5	179.5	186.8
150°	135.6	140.0	144.1	147.8	151.3	154.5	156.9	159.1	162.0	164.5	171.6
152.5°	122.3	126.3	130.1	133.6	136.8	139.7	142.0	144.1	146.7	149.1	155.7
155°	109.2	112.8	116.2	119.4	122.3	124.8	126.9	129.1	131.5	133.7	139.7
157.5°	96.1	99.2	102.1	104.9	107.4	109.6	111.5	113.6	115.6	117.4	122.6
160°	82.4	85.2	87.8	90.3	92.4	94.3	96.2	97.9	99.6	101.0	105.5
162.5°	68.6	71.0	73.3	75.3	77.1	78.7	80.3	82.0	83.4	84.7	88.5
165°	55.3	57.3	59.0	60.5	61.9	63.2	64.6	66.0	67.2	68.3	71.5
167.5°	42.3	43.8	45.2	46.5	47.7	48.9	50.1	51.2	52.1	52.9	55.5
170°	30.1	31.1	32.1	33.0	33.9	34.8	35.6	36.3	36.9	37.5	39.6
172.5°	19.7	20.5	21.1	21.8	22.4	23.0	23.4	23.9	24.2	24.5	26.0
175°	10.0	10.2	10.5	10.7	10.8	11.0	11.2	11.3	11.4	11.5	12.5
177.5°	5.2	5.3	5.4	5.4	5.5	5.6	5.6	5.7	5.7	5.8	6.2
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: P232000

CATALOG NUMBER: FVS4WM-4-LD4-30-2HI-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°	6.7	7.2	7.7	8.1	8.5	9.0	9.4	9.7	10.1	10.4	10.8
5°	13.5	14.4	15.3	16.2	17.1	17.9	18.7	19.5	20.2	20.9	21.6
7.5°	27.5	28.9	30.2	31.4	32.5	33.5	34.8	37.5	40.2	42.7	45.1
10°	41.6	43.5	45.3	47.0	49.0	52.7	56.4	59.8	63.2	66.4	69.7
12.5°	58.0	60.4	62.5	65.6	70.5	75.1	79.5	83.7	88.8	94.9	100.8
15°	74.4	77.2	80.3	86.6	92.7	98.4	104.1	111.4	118.4	125.3	132.9
17.5°	92.0	95.4	101.5	108.8	115.8	123.1	131.7	139.8	147.5	156.9	166.8
20°	109.8	114.1	122.7	131.0	139.3	150.0	160.2	169.9	181.0	191.9	202.7
22.5°	127.5	134.2	143.9	153.2	164.4	176.0	187.6	200.6	212.8	224.8	238.2
25°	145.4	154.3	165.0	175.9	188.1	200.2	215.3	230.5	245.3	260.4	274.9
27.5°	161.9	172.5	183.8	197.1	211.1	226.5	243.9	261.3	278.7	295.3	311.1
30°	178.4	190.2	201.9	218.6	235.9	253.3	271.5	291.3	310.7	329.0	346.3
32.5°	194.7	207.6	221.8	240.2	259.0	278.9	299.6	321.5	343.0	363.4	382.6
35°	211.0	225.1	241.9	261.3	282.5	305.2	327.4	350.6	373.2	395.4	416.6
37.5°	226.4	241.4	260.6	281.5	305.4	329.4	354.0	378.5	404.1	426.5	449.7
40°	241.6	257.5	279.0	302.3	327.9	353.4	378.9	405.3	431.6	457.6	482.4
42.5°	255.7	272.4	296.3	321.7	348.5	376.0	403.7	432.2	460.7	487.9	513.7
45°	269.6	288.0	313.4	340.1	368.3	398.1	427.4	457.2	487.6	515.6	542.8
47.5°	282.2	302.5	328.9	357.4	388.1	420.0	450.3	481.8	512.7	543.6	570.1
50°	294.7	316.7	344.1	374.4	408.0	441.1	472.6	504.9	536.3	566.9	596.7
52.5°	307.2	330.2	358.3	389.7	425.4	459.9	493.4	526.7	559.3	591.1	622.4
55°	319.5	343.4	372.1	404.6	440.7	476.6	512.0	546.6	580.4	614.7	647.1
57.5°	329.7	354.7	384.2	418.1	455.6	493.4	529.9	565.5	601.6	637.5	670.8
60°	339.7	365.5	395.6	430.9	470.5	510.1	546.5	582.4	620.5	656.3	689.7
62.5°	347.2	374.4	406.7	443.7	483.9	523.7	561.5	598.5	638.5	673.0	707.9
65°	354.4	383.2	417.6	456.1	495.8	535.3	575.2	614.6	653.7	690.0	725.9
67.5°	360.8	390.6	426.7	465.8	506.1	547.0	588.1	628.5	667.8	707.3	742.5
70°	367.2	397.6	435.4	474.3	516.1	558.4	599.0	640.0	680.5	719.1	756.5
72.5°	372.4	403.9	442.5	481.7	524.4	567.0	608.3	650.9	691.4	730.5	769.0
75°	377.4	409.9	449.0	488.7	531.5	573.6	616.7	660.6	700.4	740.0	779.2
77.5°	380.8	414.0	453.0	493.6	536.8	579.4	623.2	667.4	707.4	748.0	788.5
80°	384.9	417.8	456.4	497.8	541.1	584.5	628.1	671.7	712.5	754.9	794.2
82.5°	387.3	421.8	461.2	501.2	545.7	588.8	632.1	676.8	717.6	760.4	798.4
85°	389.7	424.3	463.7	505.0	551.1	593.5	636.7	683.6	722.4	764.5	801.4
87.5°	390.1	424.3	463.3	507.0	551.8	594.1	638.3	682.8	724.1	766.0	803.8
90°	390.6	424.3	462.8	509.0	552.3	594.6	639.8	681.2	723.5	764.9	804.4
92.5°	390.1	424.3	463.3	507.0	551.8	594.1	638.3	682.8	724.1	766.0	803.8
95°	389.7	424.3	463.7	505.0	551.1	593.5	636.7	683.6	722.4	764.5	801.4
97.5°	387.3	421.8	461.2	501.2	545.7	588.8	632.1	676.8	717.6	760.4	798.4
100°	384.9	417.8	456.4	497.8	541.1	584.5	628.1	671.7	712.5	754.9	794.2
102.5°	380.8	414.0	453.0	493.6	536.8	579.4	623.2	667.4	707.4	748.0	788.5
105°	377.4	409.9	449.0	488.7	531.5	573.6	616.7	660.6	700.4	740.0	779.2
107.5°	372.4	403.9	442.5	481.7	524.4	567.0	608.3	650.9	691.4	730.5	769.0
110°	367.2	397.6	435.4	474.3	516.1	558.4	599.0	640.0	680.5	719.1	756.5



TEST NUMBER: P232000

CATALOG NUMBER: FVS4WM-4-LD4-30-2HI-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	360.8	390.6	426.7	465.8	506.1	547.0	588.1	628.5	667.8	707.3	742.5
115°	354.4	383.2	417.6	456.1	495.8	535.3	575.2	614.6	653.7	690.0	725.9
117.5°	347.2	374.4	406.7	443.7	483.9	523.7	561.5	598.5	638.5	673.0	707.9
120°	339.7	365.5	395.6	430.9	470.5	510.1	546.5	582.4	620.5	656.3	689.7
122.5°	329.7	354.7	384.2	418.1	455.6	493.4	529.9	565.5	601.6	637.5	670.8
125°	319.5	343.4	372.1	404.6	440.7	476.6	512.0	546.6	580.4	614.7	647.1
127.5°	307.2	330.2	358.3	389.7	425.4	459.9	493.4	526.7	559.3	591.1	622.4
130°	294.7	316.7	344.1	374.4	408.0	441.1	472.6	504.9	536.3	566.9	596.7
132.5°	282.2	302.5	328.9	357.4	388.1	420.0	450.3	481.8	512.7	543.6	570.1
135°	269.6	288.0	313.4	340.1	368.3	398.1	427.4	457.2	487.6	515.6	542.8
137.5°	255.7	272.4	296.3	321.7	348.5	376.0	403.7	432.2	460.7	487.9	513.7
140°	241.6	257.5	279.0	302.3	327.9	353.4	378.9	405.3	431.6	457.6	482.4
142.5°	226.4	241.4	260.6	281.5	305.4	329.4	354.0	378.5	404.1	426.5	449.7
145°	211.0	225.1	241.9	261.3	282.5	305.2	327.4	350.6	373.2	395.4	416.6
147.5°	194.7	207.6	221.8	240.2	259.0	278.9	299.6	321.5	343.0	363.4	382.6
150°	178.4	190.2	201.9	218.6	235.9	253.3	271.5	291.3	310.7	329.0	346.3
152.5°	161.9	172.5	183.8	197.1	211.1	226.5	243.9	261.3	278.7	295.3	311.1
155°	145.4	154.3	165.0	175.9	188.1	200.2	215.3	230.5	245.3	260.4	274.9
157.5°	127.5	134.2	143.9	153.2	164.4	176.0	187.6	200.6	212.8	224.8	238.2
160°	109.8	114.1	122.7	131.0	139.3	150.0	160.2	169.9	181.0	191.9	202.7
162.5°	92.0	95.4	101.5	108.8	115.8	123.1	131.7	139.8	147.5	156.9	166.8
165°	74.4	77.2	80.3	86.6	92.7	98.4	104.1	111.4	118.4	125.3	132.9
167.5°	58.0	60.4	62.5	65.6	70.5	75.1	79.5	83.7	88.8	94.9	100.8
170°	41.6	43.6	45.3	47.0	49.0	52.7	56.4	59.8	63.2	66.4	69.7
172.5°	27.5	28.9	30.2	31.4	32.5	33.5	34.8	37.5	40.2	42.7	45.1
175°	13.5	14.4	15.3	16.2	17.1	17.9	18.7	19.5	20.2	20.9	21.6
177.5°	6.7	7.2	7.7	8.1	8.5	9.0	9.4	9.7	10.1	10.4	10.8
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232000

CATALOG NUMBER: FVS4WM-4-LD4-30-2HI-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°	11.1	11.3	11.6	11.8	12.0	12.2	12.4	12.5	12.6	12.7	12.8
5°	23.4	25.2	26.9	28.6	30.1	31.5	32.9	34.1	35.3	36.3	37.3
7.5°	47.4	49.6	51.6	53.5	55.5	57.9	59.6	62.4	64.8	67.0	69.0
10°	74.1	78.6	82.8	86.7	90.2	93.4	96.3	99.2	102.1	104.8	107.3
12.5°	106.5	112.1	117.4	122.3	127.0	131.6	135.8	139.9	143.7	147.8	151.7
15°	139.8	147.1	153.8	159.9	165.4	171.5	177.3	183.0	188.8	194.0	198.8
17.5°	176.6	186.9	194.1	202.2	209.8	217.0	224.1	231.0	237.3	243.0	248.6
20°	213.8	224.5	234.6	244.3	253.9	263.1	271.7	279.4	286.2	292.5	298.1
22.5°	251.0	263.4	276.3	288.2	299.7	308.6	317.1	324.8	333.0	341.1	348.1
25°	289.6	304.4	321.0	331.6	342.7	353.0	363.9	374.1	383.5	391.7	399.0
27.5°	326.7	342.5	357.8	372.1	386.5	400.2	414.5	422.9	432.4	441.0	448.6
30°	363.4	380.7	397.9	415.5	431.9	445.3	457.5	469.0	479.6	488.9	498.3
32.5°	401.1	420.1	439.9	458.5	473.4	487.2	500.9	513.7	525.6	535.3	544.1
35°	437.6	459.2	478.9	495.8	512.2	528.6	543.7	558.3	571.1	581.6	590.8
37.5°	472.9	494.9	514.3	533.2	552.2	569.4	585.5	601.3	614.7	627.4	635.5
40°	506.5	528.9	550.2	571.1	590.3	607.5	624.5	641.1	655.5	668.3	678.9
42.5°	538.2	562.0	585.1	607.0	627.6	645.7	663.6	680.9	698.2	708.6	719.8
45°	569.0	593.7	617.8	641.3	662.2	681.4	700.3	718.1	732.9	746.1	757.7
47.5°	597.6	624.0	649.7	673.6	695.1	716.1	735.4	752.3	768.5	782.5	794.7
50°	625.9	653.4	679.7	704.1	727.4	749.6	768.2	786.5	805.2	817.7	830.8
52.5°	652.8	681.0	708.0	734.0	759.6	780.6	800.4	820.5	835.9	850.4	863.8
55°	678.0	707.0	735.9	761.4	787.1	811.5	830.4	849.2	866.4	880.4	894.8
57.5°	701.3	731.0	759.7	787.9	813.3	836.4	857.6	877.7	894.9	909.7	924.3
60°	723.2	754.1	783.5	811.0	837.0	861.4	883.9	903.7	921.4	936.8	951.7
62.5°	742.2	774.1	804.6	832.7	860.1	884.8	907.3	927.8	945.8	962.8	977.7
65°	760.2	792.7	823.4	852.2	879.9	905.8	928.4	949.7	969.4	987.3	1002.1
67.5°	776.7	809.3	840.8	870.2	898.0	924.2	948.2	970.7	991.2	1008.1	1024.0
70°	791.0	824.6	857.2	887.2	915.7	941.6	966.0	988.6	1008.6	1026.4	1044.9
72.5°	804.0	838.4	870.3	901.4	930.1	957.7	981.5	1004.1	1024.5	1043.9	1061.3
75°	815.5	849.3	881.8	913.1	941.4	969.0	994.7	1017.6	1038.9	1059.3	1075.6
77.5°	825.0	858.4	891.4	922.5	951.7	979.4	1005.1	1028.5	1050.0	1069.9	1087.2
80°	831.7	865.2	898.9	930.7	960.4	987.8	1013.2	1037.8	1060.2	1079.2	1096.4
82.5°	837.0	870.4	905.0	937.5	967.3	994.1	1018.9	1043.5	1066.1	1085.6	1103.1
85°	839.8	874.0	908.6	940.0	969.1	997.7	1022.8	1046.8	1069.3	1089.5	1107.1
87.5°	841.1	876.5	911.2	942.0	971.7	1000.6	1025.9	1048.8	1071.6	1091.9	1110.4
90°	840.0	876.5	911.2	942.0	973.7	1000.6	1026.6	1048.8	1070.9	1091.1	1111.3
92.5°	841.1	876.5	911.2	942.0	971.7	1000.6	1025.9	1048.8	1071.6	1091.9	1110.4
95°	839.8	874.0	908.6	940.0	969.1	997.7	1022.8	1046.8	1069.3	1089.5	1107.1
97.5°	837.0	870.4	905.0	937.5	967.3	994.1	1018.9	1043.5	1066.1	1085.6	1103.1
100°	831.7	865.2	898.9	930.7	960.4	987.8	1013.2	1037.8	1060.2	1079.2	1096.4
102.5°	825.0	858.4	891.4	922.5	951.7	979.4	1005.1	1028.5	1050.0	1069.9	1087.2
105°	815.5	849.3	881.8	913.1	941.4	969.0	994.7	1017.6	1038.9	1059.3	1075.6
107.5°	804.0	838.4	870.3	901.4	930.1	957.7	981.5	1004.1	1024.5	1043.9	1061.3
110°	791.0	824.6	857.2	887.2	915.7	941.6	966.0	988.6	1008.6	1026.4	1044.9



TEST NUMBER: P232000

CATALOG NUMBER: FVS4WM-4-LD4-30-2HI-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°	776.7	809.3	840.8	870.2	898.0	924.2	948.2	970.7	991.2	1008.1	1024.0
115°	760.2	792.7	823.4	852.2	879.9	905.8	928.4	949.7	969.4	987.3	1002.1
117.5°	742.2	774.1	804.6	832.7	860.1	884.8	907.3	927.8	945.8	962.8	977.7
120°	723.2	754.1	783.5	811.0	837.0	861.4	883.9	903.7	921.4	936.8	951.7
122.5°	701.3	731.0	759.7	787.9	813.3	836.4	857.6	877.7	894.9	909.7	924.3
125°	678.0	707.0	735.9	761.4	787.1	811.5	830.4	849.2	866.4	880.4	894.8
127.5°	652.8	681.0	708.0	734.0	759.6	780.6	800.4	820.5	835.9	850.4	863.8
130°	625.9	653.4	679.7	704.1	727.4	749.6	768.2	786.5	805.2	817.7	830.8
132.5°	597.6	624.0	649.7	673.6	695.1	716.1	735.4	752.3	768.5	782.5	794.7
135°	569.0	593.7	617.8	641.3	662.2	681.4	700.3	718.1	732.9	746.1	757.7
137.5°	538.2	562.0	585.1	607.0	627.6	645.7	663.6	680.9	698.2	708.6	719.8
140°	506.5	528.9	550.2	571.1	590.3	607.5	624.5	641.1	655.5	668.3	678.9
142.5°	472.9	494.9	514.3	533.2	552.2	569.4	585.5	601.3	614.7	627.4	635.5
145°	437.6	459.2	478.9	495.8	512.2	528.6	543.7	558.3	571.1	581.6	590.8
147.5°	401.1	420.1	439.9	458.5	473.4	487.2	500.9	513.7	525.6	535.3	544.1
150°	363.4	380.7	397.9	415.5	431.9	445.3	457.5	469.0	479.6	488.9	498.3
152.5°	326.7	342.5	357.8	372.1	386.5	400.2	414.5	422.9	432.4	441.0	448.6
155°	289.6	304.4	321.0	331.6	342.7	353.0	363.9	374.1	383.5	391.7	399.0
157.5°	251.0	263.4	276.3	288.2	299.7	308.6	317.1	324.8	333.0	341.1	348.1
160°	213.8	224.5	234.6	244.3	253.9	263.1	271.7	279.4	286.2	292.5	298.1
162.5°	176.6	186.9	194.1	202.2	209.8	217.0	224.1	231.0	237.3	243.0	248.6
165°	139.8	147.1	153.8	159.9	165.4	171.5	177.3	183.0	188.8	194.0	198.8
167.5°	106.5	112.1	117.4	122.3	127.0	131.6	135.8	139.9	143.7	147.8	151.7
170°	74.1	78.6	82.8	86.7	90.2	93.4	96.3	99.2	102.1	104.8	107.3
172.5°	47.4	49.6	51.6	53.5	55.5	57.9	59.6	62.4	64.8	67.0	69.0
175°	23.4	25.2	26.9	28.6	30.1	31.5	32.9	34.1	35.3	36.3	37.3
177.5°	11.1	11.3	11.6	11.8	12.0	12.2	12.4	12.5	12.6	12.7	12.8
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: P232000

CATALOG NUMBER: FVS4WM-4-LD4-30-2HI-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°	12.9	12.9	12.9	12.8	12.8	12.7	13.0	12.8	12.5	12.3	12.0
5°	38.1	38.8	39.4	39.9	40.3	40.6	40.7	40.8	41.6	41.0	40.5
7.5°	70.8	72.5	73.9	75.1	76.2	77.0	77.7	78.1	78.3	79.3	78.5
10°	109.3	112.4	115.3	117.8	120.0	121.9	123.6	124.8	125.8	128.0	127.4
12.5°	155.1	158.1	160.6	162.9	165.4	167.5	168.9	169.9	170.3	170.3	170.6
15°	203.2	207.0	210.2	212.7	214.5	216.8	219.2	221.2	222.5	223.4	224.9
17.5°	253.6	257.9	261.6	264.7	267.2	269.1	271.1	273.5	275.1	276.0	277.5
20°	303.2	308.1	312.5	316.2	319.0	321.1	322.3	324.0	325.8	326.8	328.7
22.5°	354.0	358.8	362.8	367.2	370.8	373.3	375.0	375.7	377.5	378.6	380.6
25°	405.4	411.0	415.7	419.4	423.0	425.7	427.2	427.7	428.2	430.3	431.6
27.5°	455.2	461.4	466.8	470.9	473.1	475.8	477.2	477.6	476.9	478.3	479.1
30°	503.7	509.1	514.4	518.6	521.8	524.0	526.0	527.1	527.0	527.3	527.9
32.5°	551.3	557.2	561.4	566.6	570.4	572.9	574.6	575.6	575.2	574.1	575.5
35°	598.9	605.1	610.4	615.0	619.1	621.3	622.3	622.6	621.3	618.5	619.6
37.5°	643.9	651.1	657.3	661.7	664.5	666.9	667.4	666.5	665.6	663.7	663.9
40°	688.1	696.8	703.2	707.0	709.6	710.8	710.8	709.6	708.7	706.2	705.1
42.5°	729.7	738.2	745.0	748.7	751.2	753.1	753.7	753.0	751.7	749.8	747.9
45°	768.6	778.4	784.6	788.7	792.4	796.0	794.5	793.7	791.3	789.3	785.7
47.5°	806.6	817.2	824.0	828.9	831.9	833.5	833.8	833.1	831.1	828.8	825.2
50°	846.1	857.3	861.4	866.4	869.6	871.5	872.3	870.7	867.7	865.0	864.4
52.5°	877.9	887.6	894.9	901.7	906.1	907.8	907.9	905.6	903.1	900.7	901.4
55°	908.2	917.8	926.6	934.2	939.6	942.2	942.5	940.2	937.2	934.1	932.8
57.5°	936.7	946.4	955.2	964.8	972.1	974.7	975.0	973.0	970.0	966.3	963.7
60°	964.5	974.9	984.0	993.6	1001.2	1004.7	1006.1	1002.9	1000.2	996.2	993.1
62.5°	990.6	1001.2	1010.8	1021.1	1026.5	1031.0	1033.4	1031.6	1027.9	1023.5	1020.1
65°	1015.5	1026.1	1035.5	1042.9	1049.7	1055.3	1058.4	1056.9	1054.7	1049.4	1045.4
67.5°	1038.8	1049.3	1057.9	1065.6	1072.6	1076.8	1080.7	1081.8	1079.1	1073.5	1069.4
70°	1058.2	1069.7	1078.9	1086.4	1092.0	1096.1	1099.6	1102.2	1099.4	1094.6	1090.0
72.5°	1075.4	1088.3	1097.4	1104.9	1109.6	1112.6	1116.2	1118.6	1118.4	1114.2	1107.8
75°	1090.4	1103.3	1112.9	1121.4	1126.0	1127.8	1128.8	1131.0	1132.9	1131.1	1124.9
77.5°	1102.4	1115.3	1125.9	1134.3	1139.6	1142.2	1142.1	1141.4	1142.7	1143.8	1139.3
80°	1112.1	1124.8	1135.7	1144.8	1150.2	1154.2	1155.1	1152.2	1148.8	1151.7	1151.1
82.5°	1118.7	1132.2	1142.6	1151.0	1157.2	1160.9	1162.8	1162.2	1158.3	1153.0	1157.3
85°	1123.3	1136.1	1147.1	1155.2	1161.0	1164.7	1165.8	1165.7	1164.3	1160.5	1154.8
87.5°	1125.7	1137.7	1148.5	1156.4	1162.4	1164.7	1166.8	1166.5	1164.4	1161.0	1158.4
90°	1124.8	1137.3	1146.9	1155.6	1161.3	1163.2	1164.2	1163.2	1160.4	1156.5	1150.7
92.5°	1125.7	1137.7	1148.5	1156.4	1162.4	1164.7	1166.8	1166.5	1164.4	1161.0	1158.4
95°	1123.3	1136.1	1147.1	1155.2	1161.0	1164.7	1165.8	1165.7	1164.3	1160.5	1154.8
97.5°	1118.7	1132.2	1142.6	1151.0	1157.2	1160.9	1162.8	1162.2	1158.3	1153.0	1157.3
100°	1112.1	1124.8	1135.7	1144.8	1150.2	1154.2	1155.1	1152.2	1148.8	1151.7	1151.1
102.5°	1102.4	1115.3	1125.9	1134.3	1139.6	1142.2	1142.1	1141.4	1142.7	1143.8	1139.3
105°	1090.4	1103.3	1112.9	1121.4	1126.0	1127.8	1128.8	1131.0	1132.9	1131.1	1124.9
107.5°	1075.4	1088.3	1097.4	1104.9	1109.6	1112.6	1116.2	1118.6	1118.4	1114.2	1107.8
110°	1058.2	1069.7	1078.9	1086.4	1092.0	1096.1	1099.6	1102.2	1099.4	1094.6	1090.0



TEST NUMBER: P232000

CATALOG NUMBER: FVS4WM-4-LD4-30-2HI-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	1038.8	1049.3	1057.9	1065.6	1072.6	1076.8	1080.7	1081.8	1079.1	1073.5	1069.4
115°	1015.5	1026.1	1035.5	1042.9	1049.7	1055.3	1058.4	1056.9	1054.7	1049.4	1045.4
117.5°	990.6	1001.2	1010.8	1021.1	1026.5	1031.0	1033.4	1031.6	1027.9	1023.5	1020.1
120°	964.5	974.9	984.0	993.6	1001.2	1004.7	1006.1	1002.9	1000.2	996.2	993.1
122.5°	936.7	946.4	955.2	964.8	972.1	974.7	975.0	973.0	970.0	966.3	963.7
125°	908.2	917.8	926.6	934.2	939.6	942.2	942.5	940.2	937.2	934.1	932.8
127.5°	877.9	887.6	894.9	901.7	906.1	907.8	907.9	905.6	903.1	900.7	901.4
130°	846.1	857.3	861.4	866.4	869.6	871.5	872.3	870.7	867.7	865.0	864.4
132.5°	806.6	817.2	824.0	828.9	831.9	833.5	833.8	833.1	831.1	828.8	825.2
135°	768.6	778.4	784.6	788.7	792.4	796.0	794.5	793.7	791.3	789.3	785.7
137.5°	729.7	738.2	745.0	748.7	751.2	753.1	753.7	753.0	751.7	749.8	747.9
140°	688.1	696.8	703.2	707.0	709.6	710.8	710.8	709.6	708.7	706.2	705.1
142.5°	643.9	651.1	657.3	661.7	664.5	666.9	667.4	666.5	665.6	663.7	663.9
145°	598.9	605.1	610.4	615.0	619.1	621.3	622.3	622.6	621.3	618.5	619.6
147.5°	551.3	557.2	561.4	566.6	570.4	572.9	574.6	575.6	575.2	574.1	575.5
150°	503.7	509.1	514.4	518.6	521.8	524.0	526.0	527.1	527.0	527.3	527.9
152.5°	455.2	461.4	466.8	470.9	473.1	475.8	477.2	477.6	476.9	478.3	479.1
155°	405.4	411.0	415.7	419.4	423.0	425.7	427.2	427.7	428.2	430.3	431.6
157.5°	354.0	358.8	362.8	367.2	370.8	373.3	375.0	375.7	377.5	378.6	380.6
160°	303.2	308.1	312.5	316.2	319.0	321.1	322.3	324.0	325.8	326.8	328.7
162.5°	253.6	257.9	261.6	264.7	267.2	269.1	271.1	273.5	275.1	276.0	277.5
165°	203.2	207.0	210.2	212.7	214.5	216.8	219.2	221.2	222.5	223.4	224.9
167.5°	155.1	158.1	160.6	162.9	165.4	167.5	168.9	169.9	170.3	170.3	170.6
170°	109.3	112.4	115.3	117.8	120.0	121.9	123.6	124.8	125.8	128.0	127.4
172.5°	70.8	72.5	73.9	75.1	76.2	77.0	77.7	78.1	78.3	79.3	78.5
175°	38.1	38.8	39.4	39.9	40.3	40.6	40.7	40.8	41.6	41.0	40.5
177.5°	12.9	12.9	12.9	12.8	12.8	12.7	13.0	12.8	12.5	12.3	12.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232000

CATALOG NUMBER: FVS4WM-4-LD4-30-2HI-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
0°	0.0	0.0
2.5°	11.8	11.5
5°	40.0	39.4
7.5°	77.8	77.0
10°	126.7	126.0
12.5°	169.0	167.4
15°	223.6	222.3
17.5°	275.9	274.2
20°	326.9	325.2
22.5°	378.4	376.2
25°	432.4	431.0
27.5°	479.2	477.2
30°	527.8	525.3
32.5°	576.2	574.4
35°	621.0	619.6
37.5°	665.4	663.9
40°	708.1	708.1
42.5°	750.9	750.5
45°	790.5	791.9
47.5°	827.9	828.4
50°	866.1	865.0
52.5°	902.1	899.6
55°	933.6	934.3
57.5°	964.7	967.0
60°	994.0	994.9
62.5°	1021.7	1024.7
65°	1048.4	1046.8
67.5°	1070.6	1071.8
70°	1091.1	1093.0
72.5°	1108.9	1110.3
75°	1124.7	1127.6
77.5°	1137.2	1142.1
80°	1147.8	1153.6
82.5°	1157.4	1162.3
85°	1164.1	1169.0
87.5°	1156.2	1172.9
90°	1149.8	1161.3
92.5°	1156.2	1172.9
95°	1164.1	1169.0
97.5°	1157.4	1162.3
100°	1147.8	1153.6
102.5°	1137.2	1142.1
105°	1124.7	1127.6
107.5°	1108.9	1110.3
110°	1091.1	1093.0





TEST NUMBER: P232000

CATALOG NUMBER: FVS4WM-4-LD4-30-2HI-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
112.5°	1070.6	1071.8
115°	1048.4	1046.8
117.5°	1021.7	1024.7
120°	994.0	994.9
122.5°	964.7	967.0
125°	933.6	934.3
127.5°	902.1	899.6
130°	866.1	865.0
132.5°	827.9	828.4
135°	790.5	791.9
137.5°	750.9	750.5
140°	708.1	708.1
142.5°	665.4	663.9
145°	621.0	619.6
147.5°	576.2	574.4
150°	527.8	525.3
152.5°	479.2	477.2
155°	432.4	431.0
157.5°	378.4	376.2
160°	326.9	325.2
162.5°	275.9	274.2
165°	223.6	222.3
167.5°	169.0	167.4
170°	126.7	126.0
172.5°	77.8	77.0
175°	40.0	39.4
177.5°	11.8	11.5
180°	0.0	0.0

(END OF REPORT)