

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: P232018

Luminaire Tested: **FVS4WM-3-LD4-40-1LO-P125-UNV-EDC1**

Issue Date: 3/3/2020



**Test Information**

Test Method: LM-79-08  
Report Number: P232018  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1706-121-23)  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: FAIL-SAFE  
Catalog Number: FVS4WM-3-LD4-40-1LO-P125-UNV-EDC1  
Description: FAILSAFE FVS LED FIXTURE  
3FT LENGTH, 1-MODULE LED WITH P125 LENS  
Light Source: (84) 4000K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

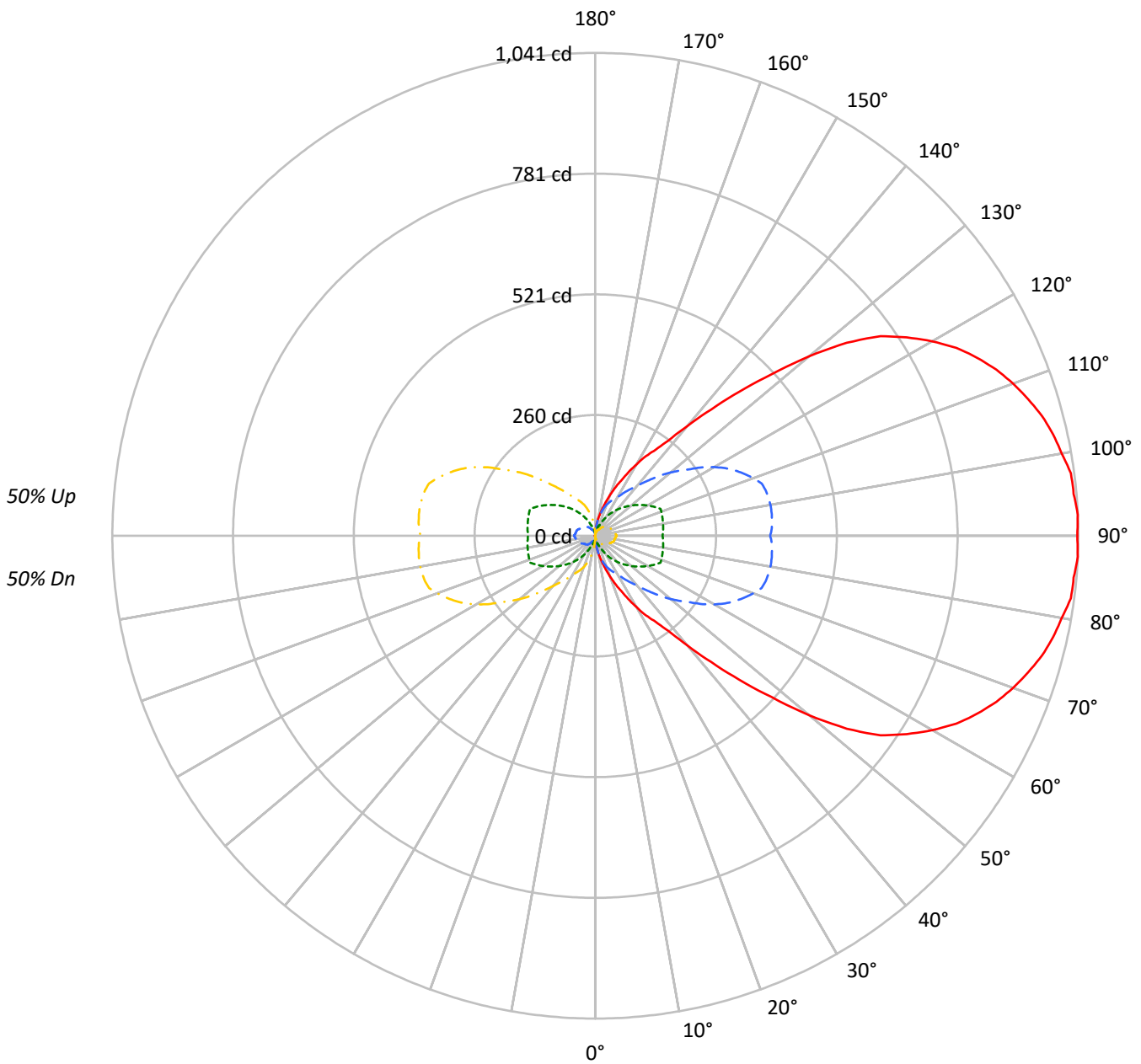
Lumens per Lamp: N/A  
Luminaire Lumens: 2476.9 lumens  
Efficiency: N/A  
Efficacy: 116.3 lumens/watt  
Spacing Criteria (0/90/45): - / - / -  
Luminous Opening: Rectangular w/ Sides (W: 2.92' x L: 0.19' x H: 0.31')  
CIE Type: General Diffuse

Input Watts (W): 21.3  
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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CATALOG NUMBER: FVS4WM-3-LD4-40-1LO-P125-UNV-EDC1

### Luminous Intensity Polar Plot



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



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CATALOG NUMBER: FVS4WM-3-LD4-40-1LO-P125-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	0
RCR																		
0	107	107	107	107	99	99	99	99	83	83	83	69	69	69	56	56	56	50
1	91	84	77	71	83	76	71	65	63	58	54	50	47	44	39	36	34	28
2	80	69	60	53	73	63	55	48	51	45	40	40	36	31	30	27	23	18
3	72	59	49	41	65	53	45	37	43	36	30	34	28	24	25	21	17	12
4	64	51	41	33	58	46	37	30	37	30	24	29	23	18	21	17	13	9
5	59	44	34	27	53	40	31	24	32	25	20	25	19	15	18	14	10	7
6	54	39	29	22	48	35	27	20	29	22	16	22	17	12	16	12	8	5
7	49	35	26	19	44	32	23	17	26	19	14	20	14	10	14	10	7	4
8	45	31	22	16	41	28	20	15	23	16	12	18	13	9	13	9	6	3
9	42	28	20	14	38	26	18	13	21	15	10	16	11	8	12	8	5	3
10	39	26	18	12	36	24	16	11	19	13	9	15	10	7	11	7	4	2

**AVERAGE LUMINANCE (cd/sqm):**

	0°	90°	180°	270°
0°	0	0	0	0
5°	333	112	0	112
10°	598	226	0	226
15°	880	341	0	341
20°	1235	462	0	462
25°	1598	674	0	674
30°	2061	989	0	989
35°	2508	1337	0	1337
40°	3307	1730	0	1730
45°	4581	2187	0	2187
50°	6173	2756	0	2756
55°	7616	3449	0	3449
60°	8492	4330	0	4330
65°	9246	5488	0	5488
70°	9886	6727	6	6727
75°	10501	8132	6	8132
80°	11071	10449	0	10449
85°	11658	14882	0	14882



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	1.2	0.0
10°-20°	8.6	0.3
20°-30°	24.1	1.0
30°-40°	52.3	2.1
40°-50°	101.6	4.1
50°-60°	176.4	7.1
60°-70°	249.3	10.1
70°-80°	299.8	12.1
80°-90°	325.0	13.1
90°-100°	325.0	13.1
100°-110°	299.8	12.1
110°-120°	249.3	10.1
120°-130°	176.4	7.1
130°-140°	101.6	4.1
140°-150°	52.3	2.1
150°-160°	24.1	1.0
160°-170°	8.6	0.3
170°-180°	1.2	0.0
0°-30°	33.9	1.4
0°-40°	86.2	3.5
0°-60°	364.3	14.7
0°-90°	1238.4	50.0
90°-120°	874.2	35.3
90°-150°	1204.5	48.6
90°-180°	1238.0	50.0
0°-180°	2476.9	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	0	0	0	0	0	
5°	19	6	0	6	19	2
15°	62	17	0	17	62	19
25°	131	33	0	33	131	63
35°	226	60	0	60	226	148
45°	439	87	0	87	439	347
55°	750	116	0	116	750	664
65°	908	145	0	145	908	899
75°	997	150	1	150	997	1052
85°	1035	147	0	147	1035	844
90°	1039	145	0	145	1039	570
95°	1035	147	0	147	1035	844
105°	997	150	1	150	997	1052
115°	908	145	0	145	908	899
125°	750	116	0	116	750	664
135°	439	87	0	87	439	347
145°	226	60	0	60	226	148
155°	131	33	0	33	131	63
165°	62	17	0	17	62	19
175°	19	6	0	6	19	2
180°	0	0	0	0	0	



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**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°	9.0	9.1	9.2	9.4	9.5	9.6	9.7	9.4	9.4	9.4	9.3
5°	19.3	19.6	19.8	20.1	20.3	20.1	20.2	20.1	20.1	20.0	19.9
7.5°	29.6	30.0	30.4	30.8	30.7	30.9	30.9	31.0	30.9	30.8	30.6
10°	38.7	39.3	39.9	40.4	40.4	40.7	40.9	40.9	41.0	40.9	40.7
12.5°	48.3	49.0	49.7	50.0	50.4	50.6	50.8	50.9	50.9	50.8	50.6
15°	62.5	63.0	63.6	63.4	63.4	63.3	63.1	62.8	62.4	61.8	61.2
17.5°	78.0	78.2	78.5	77.9	77.5	76.9	76.2	75.4	74.5	73.5	72.4
20°	94.7	94.7	94.6	93.4	92.6	91.5	90.2	88.8	87.3	85.6	83.8
22.5°	112.1	111.7	111.4	109.7	108.4	106.8	105.0	103.0	100.8	98.4	95.9
25°	130.8	130.1	128.6	127.0	125.1	122.9	120.4	117.7	114.8	111.7	108.4
27.5°	153.4	152.2	150.1	147.7	145.0	141.8	138.2	134.4	130.2	125.7	121.4
30°	177.9	176.8	174.4	171.7	168.4	164.5	159.9	154.7	148.9	142.5	137.0
32.5°	203.7	202.9	200.7	198.0	194.5	190.2	185.1	179.1	172.2	164.8	157.2
35°	226.2	226.4	225.1	223.3	220.5	216.7	211.8	205.8	198.5	190.4	181.3
37.5°	257.8	258.8	257.7	255.8	252.6	248.2	242.3	235.0	226.6	218.0	208.1
40°	308.7	309.1	305.9	302.0	296.4	289.3	280.9	271.2	261.2	250.7	238.5
42.5°	369.3	368.6	363.2	356.9	348.7	338.7	327.2	314.2	301.5	288.1	273.7
45°	438.9	436.5	428.3	419.0	407.5	394.0	378.6	364.0	345.9	328.6	310.9
47.5°	514.9	511.9	501.8	490.1	475.1	456.9	435.7	413.9	393.2	371.7	351.7
50°	602.0	599.6	588.0	574.1	555.5	532.3	504.6	476.9	448.0	417.9	394.1
52.5°	683.2	683.1	673.2	660.4	642.0	617.9	587.9	553.8	513.4	473.9	440.4
55°	750.2	751.2	743.6	733.7	719.2	700.2	674.9	634.9	583.6	535.1	489.6
57.5°	795.9	797.5	792.7	786.2	776.6	763.7	743.3	700.6	654.6	595.0	539.7
60°	838.5	839.7	834.7	828.3	819.3	807.8	785.8	750.2	704.2	649.0	590.1
62.5°	877.1	876.3	872.5	865.8	856.5	844.9	822.8	791.4	748.5	696.7	634.6
65°	908.1	906.8	902.9	896.7	888.4	877.2	859.3	835.2	793.5	740.4	677.3
67.5°	935.8	934.4	930.1	923.2	914.0	903.2	889.8	869.8	841.2	788.4	721.1
70°	958.4	957.1	953.1	946.6	937.8	926.1	913.1	896.5	873.9	833.8	762.4
72.5°	978.3	975.5	970.6	964.6	957.5	945.0	932.1	917.0	895.2	856.3	796.9
75°	997.0	992.4	985.7	978.9	971.4	960.4	946.8	932.7	915.3	878.6	819.5
77.5°	1010.6	1006.6	999.6	992.9	985.0	974.9	960.6	946.1	928.8	900.7	843.4
80°	1020.9	1018.5	1012.3	1005.1	996.5	985.4	972.7	958.5	940.8	919.2	863.0
82.5°	1033.8	1027.6	1020.6	1011.2	1003.7	992.6	980.4	966.6	949.1	926.5	879.3
85°	1035.0	1030.6	1027.2	1016.5	1008.0	996.8	984.2	970.6	952.6	931.5	891.6
87.5°	1040.8	1034.6	1027.7	1016.1	1009.8	998.3	984.6	972.6	953.2	934.7	898.5
90°	1038.9	1028.6	1025.4	1016.4	1008.0	997.7	982.8	972.5	951.3	935.2	898.4
92.5°	1040.8	1034.6	1027.7	1016.1	1009.8	998.3	984.6	972.6	953.2	934.7	898.5
95°	1035.0	1030.6	1027.2	1016.5	1008.0	996.8	984.2	970.6	952.6	931.5	891.6
97.5°	1033.8	1027.6	1020.6	1011.2	1003.7	992.6	980.4	966.6	949.1	926.5	879.3
100°	1020.9	1018.5	1012.3	1005.1	996.5	985.4	972.7	958.5	940.8	919.2	863.0
102.5°	1010.6	1006.6	999.6	992.9	985.0	974.9	960.6	946.1	928.8	900.7	843.4
105°	997.0	992.4	985.7	978.9	971.4	960.4	946.8	932.7	915.3	878.6	819.5
107.5°	978.3	975.5	970.6	964.6	957.5	945.0	932.1	917.0	895.2	856.3	796.9
110°	958.4	957.1	953.1	946.6	937.8	926.1	913.1	896.5	873.9	833.8	762.4



TEST NUMBER: P232018

CATALOG NUMBER: FVS4WM-3-LD4-40-1LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
112.5°	935.8	934.4	930.1	923.2	914.0	903.2	889.8	869.8	841.2	788.4	721.1
115°	908.1	906.8	902.9	896.7	888.4	877.2	859.3	835.2	793.5	740.4	677.3
117.5°	877.1	876.3	872.5	865.8	856.5	844.9	822.8	791.4	748.5	696.7	634.6
120°	838.5	839.7	834.7	828.3	819.3	807.8	785.8	750.2	704.2	649.0	590.1
122.5°	795.9	797.5	792.7	786.2	776.6	763.7	743.3	700.6	654.6	595.0	539.7
125°	750.2	751.2	743.6	733.7	719.2	700.2	674.9	634.9	583.6	535.1	489.6
127.5°	683.2	683.1	673.2	660.4	642.0	617.9	587.9	553.8	513.4	473.9	440.4
130°	602.0	599.6	588.0	574.1	555.5	532.3	504.6	476.9	448.0	417.9	394.1
132.5°	514.9	511.9	501.8	490.1	475.1	456.9	435.7	413.9	393.2	371.7	351.7
135°	438.9	436.5	428.3	419.0	407.5	394.0	378.6	364.0	345.9	328.6	310.9
137.5°	369.3	368.6	363.2	356.9	348.7	338.7	327.2	314.2	301.5	288.1	273.7
140°	308.7	309.1	305.9	302.0	296.4	289.3	280.9	271.2	261.2	250.7	238.5
142.5°	257.8	258.8	257.7	255.8	252.6	248.2	242.3	235.0	226.6	218.0	208.1
145°	226.2	226.4	225.1	223.3	220.5	216.7	211.8	205.8	198.5	190.4	181.3
147.5°	203.7	202.9	200.7	198.0	194.5	190.2	185.1	179.1	172.2	164.8	157.2
150°	177.9	176.8	174.4	171.7	168.4	164.5	159.9	154.7	148.9	142.5	137.0
152.5°	153.4	152.2	150.1	147.7	145.0	141.8	138.2	134.4	130.2	125.7	121.4
155°	130.8	130.1	128.6	127.0	125.1	122.9	120.4	117.7	114.8	111.7	108.4
157.5°	112.1	111.7	111.4	109.7	108.4	106.8	105.0	103.0	100.8	98.4	95.9
160°	94.7	94.7	94.6	93.4	92.6	91.5	90.2	88.8	87.3	85.6	83.8
162.5°	78.0	78.2	78.5	77.9	77.5	76.9	76.2	75.4	74.5	73.5	72.4
165°	62.5	63.0	63.6	63.4	63.4	63.3	63.1	62.8	62.4	61.8	61.2
167.5°	48.3	49.0	49.7	50.0	50.4	50.6	50.8	50.9	50.9	50.8	50.6
170°	38.7	39.3	39.9	40.4	40.4	40.7	40.9	40.9	41.0	40.9	40.7
172.5°	29.6	30.0	30.4	30.8	30.7	30.9	30.9	31.0	30.9	30.8	30.6
175°	19.3	19.6	19.8	20.1	20.3	20.1	20.2	20.1	20.1	20.0	19.9
177.5°	9.0	9.1	9.2	9.4	9.5	9.6	9.7	9.4	9.4	9.4	9.3
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: P232018

CATALOG NUMBER: FVS4WM-3-LD4-40-1LO-P125-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°	9.3	9.2	9.1	9.0	8.9	8.7	8.5	8.4	8.2	7.9	7.7
5°	19.7	19.5	19.2	18.9	18.6	18.2	17.8	17.3	16.9	16.3	15.8
7.5°	30.4	30.0	29.7	29.3	28.8	28.2	27.6	26.9	26.2	25.4	24.6
10°	40.5	40.2	39.8	39.3	38.8	38.1	37.4	36.5	35.5	34.5	33.4
12.5°	50.4	50.0	49.6	49.0	48.4	47.6	46.7	45.7	44.6	43.5	42.2
15°	60.6	59.9	59.1	58.4	57.6	56.8	55.8	54.8	53.7	52.3	50.7
17.5°	71.3	70.1	69.0	67.9	66.8	65.7	64.6	63.4	62.0	60.6	59.1
20°	81.9	80.1	78.5	76.9	75.3	73.8	72.4	71.1	69.8	68.5	66.9
22.5°	93.3	90.9	88.4	85.8	83.3	81.2	79.4	77.7	76.2	74.8	73.5
25°	105.3	102.0	98.7	95.2	92.1	89.1	86.2	83.5	81.7	80.1	78.8
27.5°	117.4	113.3	109.1	105.0	101.1	97.2	93.7	90.1	87.1	84.4	83.0
30°	131.4	125.6	120.0	114.9	110.1	105.2	100.9	96.6	93.6	91.8	89.9
32.5°	149.0	140.1	132.7	125.9	119.1	113.4	109.7	106.4	103.5	100.6	98.4
35°	171.2	160.7	150.5	139.6	131.3	126.1	120.7	117.0	113.2	109.9	106.8
37.5°	196.7	184.8	172.1	161.8	151.2	141.2	134.2	128.1	123.1	119.0	115.4
40°	225.3	212.0	199.0	186.3	173.4	161.2	150.3	140.8	134.0	128.2	123.9
42.5°	259.0	243.5	227.5	212.7	198.6	183.1	168.5	156.7	145.9	138.5	132.4
45°	294.6	277.0	258.9	240.1	222.7	205.8	189.6	173.3	160.7	149.5	141.5
47.5°	331.7	311.2	291.1	270.1	249.1	228.9	210.7	193.0	175.7	162.5	151.7
50°	370.1	346.9	323.5	300.6	278.1	253.7	231.6	212.2	193.4	176.0	162.3
52.5°	409.0	382.5	356.4	330.9	305.4	280.5	254.0	231.0	211.7	190.8	177.0
55°	451.4	417.4	388.4	360.3	333.0	305.4	277.4	250.5	229.9	211.5	195.1
57.5°	493.1	452.4	418.6	388.4	359.2	330.4	301.7	274.4	249.5	230.5	213.2
60°	531.6	485.0	446.0	413.8	383.4	353.8	324.4	295.9	269.8	248.3	230.4
62.5°	571.3	512.3	470.3	435.4	404.3	374.8	344.8	315.6	288.6	264.4	246.1
65°	608.2	546.8	493.3	454.6	421.8	392.1	363.2	332.8	305.2	280.6	261.0
67.5°	649.1	581.8	522.2	473.1	435.9	406.0	378.5	348.5	320.3	295.4	274.4
70°	687.2	613.8	549.5	490.6	449.2	417.2	390.0	362.5	333.1	308.1	286.5
72.5°	719.2	641.4	571.4	510.3	460.5	425.3	398.6	375.8	344.0	319.2	298.0
75°	744.3	665.1	588.6	525.3	468.6	431.5	404.4	380.1	351.4	326.4	306.8
77.5°	762.4	682.3	602.4	538.6	481.6	438.4	407.6	382.1	355.8	331.6	313.6
80°	780.7	699.3	621.2	551.5	492.2	443.7	409.7	383.2	358.0	335.0	318.9
82.5°	798.8	713.9	634.5	560.6	499.5	447.2	410.5	383.2	358.2	337.0	322.8
85°	808.9	722.8	642.1	565.9	503.4	448.8	410.1	382.2	356.8	337.8	325.7
87.5°	811.0	728.8	646.7	569.2	505.6	449.5	409.1	380.8	354.5	337.9	328.0
90°	805.6	722.5	640.6	564.6	501.4	446.0	405.4	377.0	350.6	337.1	330.0
92.5°	811.0	728.8	646.7	569.2	505.6	449.5	409.1	380.8	354.5	337.9	328.0
95°	808.9	722.8	642.1	565.9	503.4	448.8	410.1	382.2	356.8	337.8	325.7
97.5°	798.8	713.9	634.5	560.6	499.5	447.2	410.5	383.2	358.2	337.0	322.8
100°	780.7	699.3	621.2	551.5	492.2	443.7	409.7	383.2	358.0	335.0	318.9
102.5°	762.4	682.3	602.4	538.6	481.6	438.4	407.6	382.1	355.8	331.6	313.6
105°	744.3	665.1	588.6	525.3	468.6	431.5	404.4	380.1	351.4	326.4	306.8
107.5°	719.2	641.4	571.4	510.3	460.5	425.3	398.6	375.8	344.0	319.2	298.0
110°	687.2	613.8	549.5	490.6	449.2	417.2	390.0	362.5	333.1	308.1	286.5





TEST NUMBER: P232018

CATALOG NUMBER: FVS4WM-3-LD4-40-1LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
112.5°	649.1	581.8	522.2	473.1	435.9	406.0	378.5	348.5	320.3	295.4	274.4
115°	608.2	546.8	493.3	454.6	421.8	392.1	363.2	332.8	305.2	280.6	261.0
117.5°	571.3	512.3	470.3	435.4	404.3	374.8	344.8	315.6	288.6	264.4	246.1
120°	531.6	485.0	446.0	413.8	383.4	353.8	324.4	295.9	269.8	248.3	230.4
122.5°	493.1	452.4	418.6	388.4	359.2	330.4	301.7	274.4	249.5	230.5	213.2
125°	451.4	417.4	388.4	360.3	333.0	305.4	277.4	250.5	229.9	211.5	195.1
127.5°	409.0	382.5	356.4	330.9	305.4	280.5	254.0	231.0	211.7	190.8	177.0
130°	370.1	346.9	323.5	300.6	278.1	253.7	231.6	212.2	193.4	176.0	162.3
132.5°	331.7	311.2	291.1	270.1	249.1	228.9	210.7	193.0	175.7	162.5	151.7
135°	294.6	277.0	258.9	240.1	222.7	205.8	189.6	173.3	160.7	149.5	141.5
137.5°	259.0	243.5	227.5	212.7	198.6	183.1	168.5	156.7	145.9	138.5	132.4
140°	225.3	212.0	199.0	186.3	173.4	161.2	150.3	140.8	134.0	128.2	123.9
142.5°	196.7	184.8	172.1	161.8	151.2	141.2	134.2	128.1	123.1	119.0	115.4
145°	171.2	160.7	150.5	139.6	131.3	126.1	120.7	117.0	113.2	109.9	106.8
147.5°	149.0	140.1	132.7	125.9	119.1	113.4	109.7	106.4	103.5	100.6	98.4
150°	131.4	125.6	120.0	114.9	110.1	105.2	100.9	96.6	93.6	91.8	89.9
152.5°	117.4	113.3	109.1	105.0	101.1	97.2	93.7	90.1	87.1	84.4	83.0
155°	105.3	102.0	98.7	95.2	92.1	89.1	86.2	83.5	81.7	80.1	78.8
157.5°	93.3	90.9	88.4	85.8	83.3	81.2	79.4	77.7	76.2	74.8	73.5
160°	81.9	80.1	78.5	76.9	75.3	73.8	72.4	71.1	69.8	68.5	66.9
162.5°	71.3	70.1	69.0	67.9	66.8	65.7	64.6	63.4	62.0	60.6	59.1
165°	60.6	59.9	59.1	58.4	57.6	56.8	55.8	54.8	53.7	52.3	50.7
167.5°	50.4	50.0	49.6	49.0	48.4	47.6	46.7	45.7	44.6	43.5	42.2
170°	40.5	40.2	39.8	39.3	38.8	38.1	37.4	36.5	35.5	34.5	33.4
172.5°	30.4	30.0	29.7	29.3	28.8	28.2	27.6	26.9	26.2	25.4	24.6
175°	19.7	19.5	19.2	18.9	18.6	18.2	17.8	17.3	16.9	16.3	15.7
177.5°	9.3	9.2	9.1	9.0	8.9	8.7	8.5	8.4	8.2	7.9	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: P232018

CATALOG NUMBER: FVS4WM-3-LD4-40-1LO-P125-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°	7.5	7.2	7.0	6.7	6.4	6.1	5.7	5.4	5.1	4.7	4.4
5°	15.1	14.5	13.9	13.3	12.7	12.1	11.5	10.8	10.1	9.4	8.7
7.5°	23.7	22.7	21.7	20.6	19.5	18.3	17.2	16.1	15.1	14.1	13.0
10°	32.2	31.0	29.8	28.2	26.7	25.2	23.6	21.9	20.2	18.7	17.3
12.5°	40.8	39.2	37.6	35.8	34.0	32.1	30.1	27.9	25.8	23.5	21.6
15°	49.1	47.3	45.7	43.4	41.2	39.0	36.7	34.1	31.4	28.7	25.9
17.5°	57.8	55.4	53.2	50.9	48.4	45.8	43.1	40.3	37.2	33.9	30.6
20°	65.1	63.2	61.1	58.4	55.6	52.7	49.5	46.3	43.0	39.3	35.4
22.5°	72.4	70.4	68.2	65.8	62.8	59.4	56.0	52.3	48.6	44.6	40.2
25°	77.5	76.5	75.0	72.5	70.0	66.8	63.2	59.5	55.7	51.8	47.4
27.5°	82.4	81.9	81.3	80.3	77.6	74.9	71.2	67.3	63.3	59.1	54.7
30°	89.1	88.4	87.6	86.7	85.1	82.2	79.0	74.9	70.9	66.3	61.9
32.5°	96.3	95.0	94.1	93.0	91.6	89.3	86.1	82.2	77.8	73.3	68.7
35°	104.3	102.1	100.6	99.4	97.9	96.1	92.9	89.6	84.8	80.1	75.4
37.5°	112.1	109.6	107.3	105.8	104.6	102.3	99.6	95.9	91.5	86.8	81.9
40°	120.1	116.8	114.4	112.2	110.7	108.6	106.0	102.3	98.1	93.3	88.4
42.5°	127.8	124.3	121.2	118.9	117.0	115.2	112.1	108.6	104.5	99.6	94.7
45°	135.8	131.2	128.0	125.4	123.2	121.2	118.4	114.8	110.6	105.8	100.8
47.5°	143.3	138.5	134.6	131.7	129.5	128.0	127.0	125.1	122.8	119.7	115.7
50°	152.7	145.9	143.1	141.9	141.1	140.7	140.6	139.9	138.7	136.6	132.6
52.5°	166.8	160.2	156.7	154.5	153.3	152.9	153.4	153.9	154.1	153.3	149.3
55°	183.3	175.5	170.2	167.1	165.5	165.1	165.8	167.3	169.1	169.4	165.9
57.5°	199.7	190.2	183.8	180.0	177.9	177.2	177.8	180.1	183.6	185.1	182.4
60°	214.9	204.8	197.9	193.1	190.2	189.0	189.5	192.4	197.3	200.4	198.9
62.5°	230.4	219.4	211.7	206.1	202.5	200.8	201.0	204.6	210.6	215.5	215.3
65°	245.0	233.0	225.1	219.0	214.6	212.7	212.9	216.5	223.6	230.3	231.6
67.5°	258.2	245.7	238.1	232.0	227.3	224.7	224.6	228.3	236.3	244.9	247.8
70°	270.3	258.2	250.9	244.6	238.8	235.0	233.7	236.4	243.7	251.5	251.8
72.5°	281.7	269.0	260.0	253.1	247.1	242.5	240.4	242.5	249.4	256.7	254.3
75°	291.6	278.8	268.7	261.5	255.2	250.0	247.1	248.6	255.2	262.4	257.1
77.5°	300.4	288.4	277.2	269.6	263.3	257.6	253.8	254.8	261.2	268.5	260.1
80°	308.1	297.7	285.6	277.5	271.2	265.2	260.5	261.0	267.4	274.9	263.2
82.5°	315.0	306.7	293.8	285.2	279.0	272.8	267.3	267.4	273.6	281.4	267.1
85°	321.2	315.2	301.8	292.8	286.7	280.6	274.0	273.6	279.9	288.4	269.8
87.5°	327.1	323.7	309.7	300.2	294.3	287.9	280.7	280.2	286.5	294.7	272.5
90°	332.6	331.3	317.1	307.4	301.6	295.2	287.4	286.8	293.2	301.0	275.2
92.5°	327.1	323.7	309.7	300.2	294.3	287.9	280.7	280.2	286.5	294.7	272.5
95°	321.2	315.2	301.8	292.8	286.7	280.6	274.0	273.6	279.9	288.4	269.8
97.5°	315.0	306.7	293.8	285.2	279.0	272.8	267.3	267.4	273.6	281.4	267.1
100°	308.1	297.7	285.6	277.5	271.2	265.2	260.5	261.0	267.4	274.9	263.2
102.5°	300.4	288.4	277.2	269.6	263.3	257.6	253.8	254.8	261.2	268.5	260.1
105°	291.6	278.8	268.7	261.5	255.2	250.0	247.1	248.6	255.2	262.4	257.1
107.5°	281.7	269.0	260.0	253.1	247.1	242.5	240.4	242.5	249.4	256.7	254.3
110°	270.3	258.2	250.9	244.6	238.8	235.0	233.7	236.4	243.7	251.5	251.8



TEST NUMBER: P232018

CATALOG NUMBER: FVS4WM-3-LD4-40-1LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	258.2	245.7	238.1	232.0	227.3	224.7	224.6	228.3	236.3	244.9	247.8
115°	245.0	233.0	225.1	219.0	214.6	212.7	212.9	216.5	223.6	230.3	231.6
117.5°	230.4	219.4	211.7	206.1	202.5	200.8	201.0	204.6	210.6	215.5	215.3
120°	214.9	204.8	197.9	193.1	190.2	189.0	189.5	192.4	197.3	200.4	198.9
122.5°	199.7	190.2	183.8	180.0	177.9	177.2	177.8	180.1	183.6	185.1	182.4
125°	183.3	175.5	170.2	167.1	165.5	165.1	165.8	167.3	169.1	169.4	165.9
127.5°	166.8	160.2	156.7	154.5	153.3	152.9	153.4	153.9	154.1	153.3	149.3
130°	152.7	145.9	143.1	141.9	141.1	140.7	140.6	139.9	138.7	136.6	132.6
132.5°	143.3	138.5	134.6	131.7	129.5	128.0	127.0	125.1	122.8	119.7	115.7
135°	135.8	131.2	128.0	125.4	123.2	121.2	118.4	114.8	110.6	105.8	100.8
137.5°	127.8	124.3	121.2	118.9	117.0	115.2	112.1	108.6	104.5	99.6	94.7
140°	120.1	116.8	114.4	112.2	110.7	108.6	106.0	102.3	98.1	93.3	88.4
142.5°	112.1	109.6	107.3	105.8	104.6	102.3	99.6	95.9	91.5	86.8	81.9
145°	104.3	102.1	100.6	99.4	97.9	96.1	92.9	89.6	84.8	80.1	75.4
147.5°	96.3	95.0	94.1	93.0	91.6	89.3	86.1	82.2	77.8	73.3	68.7
150°	89.1	88.4	87.6	86.7	85.1	82.2	79.0	74.9	70.9	66.3	61.9
152.5°	82.4	81.9	81.3	80.3	77.6	74.9	71.2	67.3	63.3	59.1	54.7
155°	77.5	76.5	75.0	72.5	70.0	66.8	63.2	59.5	55.7	51.8	47.4
157.5°	72.4	70.4	68.2	65.8	62.8	59.4	56.0	52.3	48.6	44.6	40.2
160°	65.1	63.2	61.1	58.4	55.6	52.7	49.5	46.3	43.0	39.3	35.4
162.5°	57.8	55.4	53.2	50.9	48.4	45.8	43.1	40.3	37.2	33.9	30.6
165°	49.1	47.3	45.7	43.4	41.2	39.0	36.7	34.1	31.4	28.7	25.9
167.5°	40.8	39.2	37.6	35.8	34.0	32.1	30.1	27.9	25.8	23.5	21.6
170°	32.2	31.0	29.8	28.2	26.7	25.2	23.6	21.9	20.2	18.7	17.3
172.5°	23.7	22.7	21.7	20.6	19.5	18.3	17.2	16.1	15.1	14.1	13.0
175°	15.1	14.5	13.9	13.3	12.7	12.1	11.5	10.8	10.1	9.4	8.7
177.5°	7.5	7.2	7.0	6.7	6.4	6.1	5.7	5.4	5.1	4.7	4.4
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: P232018

CATALOG NUMBER: FVS4WM-3-LD4-40-1LO-P125-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°	4.0	3.6	3.3	2.9	2.9	2.8	2.8	2.8	2.7	2.7	2.7
5°	8.0	7.3	6.5	5.7	5.7	5.6	5.5	5.4	5.4	5.3	5.1
7.5°	12.0	10.9	9.7	8.6	8.5	8.3	8.2	8.0	7.9	7.7	7.5
10°	15.9	14.5	13.0	11.5	11.3	11.0	10.8	10.5	10.2	10.0	9.7
12.5°	19.8	18.0	16.2	14.3	14.0	13.7	13.3	12.9	12.5	12.3	12.0
15°	23.7	21.6	19.4	17.2	16.7	16.2	15.7	15.2	14.9	14.5	14.1
17.5°	27.6	25.1	22.6	20.1	19.4	18.8	18.1	17.6	17.2	16.7	16.3
20°	31.5	28.6	25.8	22.9	22.1	21.3	20.5	19.9	19.4	18.9	18.4
22.5°	35.8	32.1	29.0	25.8	24.8	23.7	22.8	22.2	21.6	21.1	20.6
25°	42.9	38.9	35.8	32.6	31.7	30.7	29.9	29.1	28.2	27.2	26.1
27.5°	50.1	45.6	42.6	39.4	38.7	37.9	37.4	36.8	36.0	34.9	33.5
30°	57.1	52.2	49.3	46.2	45.8	45.3	45.1	44.7	43.8	42.6	40.4
32.5°	63.9	59.0	55.9	53.0	52.9	52.8	52.9	52.6	51.6	49.8	47.0
35°	70.6	65.7	62.5	59.8	60.1	60.3	60.8	60.5	59.4	56.6	53.2
37.5°	77.1	72.2	69.0	66.6	67.3	68.0	68.9	68.4	67.3	63.2	58.9
40°	83.4	78.7	75.5	73.4	74.6	75.8	77.1	76.3	74.1	69.4	64.3
42.5°	89.6	85.1	81.9	80.2	81.8	83.6	85.3	84.3	80.8	75.6	69.3
45°	95.8	91.3	88.3	87.0	89.2	91.5	93.2	92.2	87.3	80.9	74.0
47.5°	109.6	103.3	97.9	94.2	94.4	95.2	95.6	94.4	88.9	82.7	76.2
50°	124.6	115.9	107.8	101.5	99.4	98.4	97.2	94.7	88.6	82.3	75.9
52.5°	140.0	128.7	117.8	108.7	104.2	101.4	98.6	94.8	88.4	82.0	76.0
55°	155.7	141.8	127.9	115.9	108.9	104.1	99.9	94.9	88.3	81.9	76.4
57.5°	171.7	155.2	138.3	123.2	113.4	106.6	101.0	95.0	88.3	82.1	77.1
60°	188.0	168.8	148.7	130.4	117.9	109.0	102.0	95.2	88.5	82.7	78.4
62.5°	204.6	182.5	159.2	137.6	122.2	111.2	102.8	95.4	88.8	83.5	80.3
65°	221.3	196.5	169.9	144.9	126.5	113.2	103.6	95.6	89.2	84.6	82.5
67.5°	238.2	210.5	180.6	152.1	130.6	115.2	104.2	95.9	89.7	85.9	85.0
70°	240.1	210.8	180.1	151.3	129.6	114.2	103.3	95.2	89.2	85.8	85.9
72.5°	240.8	210.6	179.5	150.5	128.5	113.1	102.3	94.4	88.5	85.3	85.6
75°	241.4	210.3	179.8	149.7	127.6	112.2	101.4	93.7	87.9	84.8	85.2
77.5°	241.9	209.8	178.7	148.9	126.6	111.2	100.6	93.1	87.3	84.4	84.7
80°	242.2	210.2	177.7	148.2	125.7	110.4	99.8	92.5	86.7	83.9	84.2
82.5°	243.2	209.0	176.6	147.4	124.8	109.6	99.1	92.0	86.2	83.5	83.6
85°	242.7	207.9	175.5	146.6	124.0	108.9	98.4	91.6	85.8	83.2	83.0
87.5°	242.2	206.7	174.5	145.8	123.2	108.2	97.8	91.2	85.4	82.8	82.4
90°	241.7	205.6	173.4	145.0	122.5	107.6	97.3	90.9	85.1	82.5	81.8
92.5°	242.2	206.7	174.5	145.8	123.2	108.2	97.8	91.2	85.4	82.8	82.4
95°	242.7	207.9	175.5	146.6	124.0	108.9	98.4	91.6	85.8	83.2	83.0
97.5°	243.2	209.0	176.6	147.4	124.8	109.6	99.1	92.0	86.2	83.5	83.6
100°	242.2	210.2	177.7	148.2	125.7	110.4	99.8	92.5	86.7	83.9	84.2
102.5°	241.9	209.8	178.7	148.9	126.6	111.2	100.6	93.1	87.3	84.4	84.7
105°	241.4	210.3	179.8	149.7	127.6	112.2	101.4	93.7	87.9	84.8	85.2
107.5°	240.8	210.6	179.5	150.5	128.5	113.1	102.3	94.4	88.5	85.3	85.6
110°	240.1	210.8	180.1	151.3	129.6	114.2	103.3	95.2	89.2	85.8	85.9



TEST NUMBER: P232018

CATALOG NUMBER: FVS4WM-3-LD4-40-1LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
112.5°	238.2	210.5	180.6	152.1	130.6	115.2	104.2	95.9	89.7	85.9	85.0
115°	221.3	196.5	169.9	144.9	126.5	113.2	103.6	95.6	89.2	84.6	82.5
117.5°	204.6	182.5	159.2	137.6	122.2	111.2	102.8	95.4	88.8	83.5	80.3
120°	188.0	168.8	148.7	130.4	117.9	109.0	102.0	95.2	88.5	82.7	78.4
122.5°	171.7	155.2	138.3	123.2	113.4	106.6	101.0	95.0	88.3	82.1	77.1
125°	155.7	141.8	127.9	115.9	108.9	104.1	99.9	94.9	88.3	81.9	76.4
127.5°	140.0	128.7	117.8	108.7	104.2	101.4	98.6	94.8	88.4	82.0	76.0
130°	124.6	115.9	107.8	101.5	99.4	98.4	97.2	94.7	88.6	82.3	75.9
132.5°	109.6	103.3	97.9	94.2	94.4	95.2	95.6	94.4	88.9	82.7	76.2
135°	95.8	91.3	88.3	87.0	89.2	91.5	93.2	92.2	87.3	80.9	74.0
137.5°	89.6	85.1	81.9	80.2	81.8	83.6	85.3	84.3	80.8	75.6	69.3
140°	83.4	78.7	75.5	73.4	74.6	75.8	77.1	76.3	74.1	69.4	64.3
142.5°	77.1	72.2	69.0	66.6	67.3	68.0	68.9	68.4	67.3	63.2	58.9
145°	70.6	65.7	62.5	59.8	60.1	60.3	60.8	60.5	59.4	56.6	53.2
147.5°	63.9	59.0	55.9	53.0	52.9	52.8	52.9	52.6	51.6	49.8	47.0
150°	57.1	52.2	49.3	46.2	45.8	45.3	45.1	44.7	43.8	42.6	40.4
152.5°	50.1	45.6	42.6	39.4	38.7	37.9	37.4	36.8	36.0	34.9	33.5
155°	42.9	38.9	35.8	32.6	31.7	30.7	29.9	29.1	28.2	27.2	26.1
157.5°	35.8	32.1	29.0	25.8	24.8	23.7	22.8	22.2	21.6	21.1	20.6
160°	31.5	28.6	25.8	22.9	22.1	21.3	20.5	19.9	19.4	18.9	18.4
162.5°	27.6	25.1	22.6	20.1	19.4	18.8	18.1	17.6	17.2	16.7	16.3
165°	23.7	21.6	19.4	17.2	16.7	16.2	15.7	15.2	14.9	14.5	14.1
167.5°	19.8	18.0	16.2	14.3	14.0	13.7	13.3	12.9	12.5	12.3	12.0
170°	15.9	14.5	13.0	11.5	11.3	11.0	10.8	10.5	10.2	10.0	9.7
172.5°	12.0	10.9	9.7	8.6	8.5	8.3	8.2	8.0	7.9	7.7	7.5
175°	8.0	7.3	6.5	5.7	5.7	5.6	5.5	5.4	5.4	5.3	5.1
177.5°	4.0	3.6	3.3	2.9	2.9	2.8	2.8	2.8	2.7	2.7	2.7
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: P232018

CATALOG NUMBER: FVS4WM-3-LD4-40-1LO-P125-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°	2.6	2.5	2.5	2.4	2.4	2.3	2.2	2.1	2.1	2.0	1.9
5°	5.0	4.9	4.8	4.6	4.5	4.3	4.2	4.0	3.9	3.7	3.6
7.5°	7.3	7.1	6.9	6.7	6.5	6.3	6.1	5.9	5.6	5.4	5.2
10°	9.5	9.3	9.0	8.7	8.5	8.2	7.9	7.7	7.4	7.1	6.8
12.5°	11.7	11.3	11.0	10.7	10.4	10.1	9.8	9.4	9.1	8.7	8.3
15°	13.8	13.4	13.1	12.7	12.4	12.0	11.6	11.1	10.7	10.2	9.7
17.5°	15.9	15.5	15.1	14.7	14.2	13.8	13.3	12.7	12.1	11.5	10.8
20°	18.0	17.6	17.1	16.6	16.1	15.4	14.7	14.0	13.3	12.6	11.9
22.5°	20.1	19.6	19.0	18.4	17.6	16.8	16.0	15.2	14.4	13.6	12.9
25°	24.7	23.2	21.6	19.9	19.0	18.1	17.2	16.3	15.6	14.9	14.1
27.5°	31.6	29.6	27.5	25.3	23.2	21.1	19.2	17.6	16.9	15.9	14.9
30°	38.1	35.4	32.7	30.1	27.5	25.3	23.3	21.3	19.2	17.2	15.7
32.5°	43.9	40.7	37.5	34.3	31.5	29.1	26.7	24.2	21.9	20.0	18.1
35°	49.3	45.5	41.7	38.2	35.2	32.3	29.4	26.8	24.5	22.4	20.7
37.5°	54.3	49.8	45.4	41.8	38.4	35.0	31.9	29.2	26.7	24.7	22.7
40°	59.0	53.7	49.1	45.0	41.1	37.4	34.2	31.3	28.9	26.5	24.3
42.5°	63.2	57.3	52.5	47.9	43.5	39.7	36.1	33.3	30.6	28.0	25.7
45°	67.1	60.9	55.5	50.5	45.8	41.5	38.1	35.0	32.1	29.4	26.9
47.5°	69.6	64.0	58.3	52.8	47.8	43.5	39.8	36.5	33.3	30.4	27.8
50°	69.8	64.9	60.1	55.2	50.2	45.4	41.4	37.8	34.3	31.3	28.5
52.5°	70.7	66.5	62.6	58.5	54.0	49.3	44.6	39.7	35.2	32.1	29.0
55°	72.2	68.9	65.8	62.5	58.2	53.4	48.2	42.9	38.2	33.7	29.6
57.5°	74.2	71.9	69.7	66.9	62.7	57.4	51.7	46.1	40.9	35.8	31.8
60°	76.5	75.5	74.3	71.6	67.1	61.3	54.9	48.9	43.1	37.9	33.6
62.5°	79.4	79.6	79.4	76.5	71.4	64.9	58.1	51.6	45.1	40.0	35.1
65°	82.9	84.1	85.0	81.7	75.7	68.5	61.1	53.9	47.2	41.8	36.4
67.5°	86.7	89.1	90.0	86.7	80.1	71.9	64.0	56.0	49.3	43.5	38.0
70°	88.5	92.1	93.9	91.0	84.0	75.4	66.8	58.0	51.4	45.1	39.6
72.5°	88.1	91.6	93.0	90.3	84.4	76.6	68.2	59.9	53.4	46.8	41.2
75°	87.5	91.1	92.5	90.2	84.7	77.2	68.6	60.4	53.4	47.2	42.0
77.5°	86.7	90.5	92.1	90.5	85.5	78.0	69.3	60.9	53.6	47.4	42.0
80°	85.9	89.8	91.9	91.1	86.6	79.0	70.2	61.5	53.9	47.7	42.3
82.5°	84.9	89.0	91.7	92.0	88.0	80.4	71.4	62.2	54.4	48.2	42.9
85°	83.9	88.2	91.7	93.1	89.7	81.9	72.9	63.1	55.2	48.9	43.6
87.5°	82.9	87.4	91.6	94.2	91.5	83.7	74.7	64.2	56.1	49.8	44.6
90°	81.8	86.4	91.5	95.4	93.5	85.7	76.7	65.7	57.4	50.9	45.8
92.5°	82.9	87.4	91.6	94.2	91.5	83.7	74.7	64.2	56.1	49.8	44.6
95°	83.9	88.2	91.7	93.1	89.7	81.9	72.9	63.1	55.2	48.9	43.6
97.5°	84.9	89.0	91.7	92.0	88.0	80.4	71.4	62.2	54.4	48.2	42.9
100°	85.9	89.8	91.9	91.1	86.6	79.0	70.2	61.5	53.9	47.7	42.3
102.5°	86.7	90.5	92.1	90.5	85.5	78.0	69.3	60.9	53.6	47.4	42.0
105°	87.5	91.1	92.5	90.2	84.7	77.2	68.6	60.4	53.4	47.2	42.0
107.5°	88.1	91.6	93.0	90.3	84.4	76.6	68.2	59.9	53.4	46.8	41.2
110°	88.5	92.1	93.9	91.0	84.0	75.4	66.8	58.0	51.4	45.1	39.6



TEST NUMBER: P232018

CATALOG NUMBER: FVS4WM-3-LD4-40-1LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	86.7	89.1	90.0	86.7	80.1	71.9	64.0	56.0	49.3	43.5	38.0
115°	82.9	84.1	85.0	81.7	75.7	68.5	61.1	53.9	47.2	41.8	36.4
117.5°	79.4	79.6	79.4	76.5	71.4	64.9	58.1	51.6	45.1	40.0	35.1
120°	76.5	75.5	74.3	71.6	67.1	61.3	54.9	48.9	43.1	37.9	33.6
122.5°	74.2	71.9	69.7	66.9	62.7	57.4	51.7	46.1	40.9	35.8	31.8
125°	72.2	68.9	65.8	62.5	58.2	53.4	48.2	42.9	38.2	33.7	29.6
127.5°	70.7	66.5	62.6	58.5	54.0	49.3	44.6	39.7	35.2	32.1	29.0
130°	69.8	64.9	60.1	55.2	50.2	45.4	41.4	37.8	34.3	31.3	28.5
132.5°	69.6	64.0	58.3	52.8	47.8	43.5	39.8	36.5	33.3	30.4	27.8
135°	67.1	60.9	55.5	50.5	45.8	41.5	38.1	35.0	32.1	29.4	26.9
137.5°	63.2	57.3	52.5	47.9	43.5	39.7	36.1	33.3	30.6	28.0	25.7
140°	59.0	53.7	49.1	45.0	41.1	37.4	34.2	31.3	28.9	26.5	24.3
142.5°	54.3	49.8	45.4	41.8	38.4	35.0	31.9	29.2	26.7	24.7	22.7
145°	49.3	45.5	41.7	38.2	35.2	32.3	29.4	26.8	24.5	22.4	20.7
147.5°	43.9	40.7	37.5	34.3	31.5	29.1	26.7	24.2	21.9	20.0	18.1
150°	38.1	35.4	32.7	30.1	27.5	25.3	23.3	21.3	19.2	17.2	15.7
152.5°	31.6	29.6	27.5	25.3	23.2	21.1	19.2	17.6	16.9	15.9	14.9
155°	24.7	23.2	21.6	19.9	19.0	18.1	17.2	16.3	15.6	14.9	14.1
157.5°	20.1	19.6	19.0	18.4	17.6	16.8	16.0	15.2	14.4	13.6	12.9
160°	18.0	17.6	17.1	16.6	16.1	15.4	14.7	14.0	13.3	12.6	11.9
162.5°	15.9	15.5	15.1	14.7	14.2	13.8	13.3	12.7	12.1	11.5	10.8
165°	13.8	13.4	13.1	12.7	12.4	12.0	11.6	11.1	10.7	10.2	9.7
167.5°	11.7	11.3	11.0	10.7	10.4	10.1	9.8	9.4	9.1	8.7	8.3
170°	9.5	9.3	9.0	8.7	8.5	8.2	7.9	7.7	7.4	7.1	6.8
172.5°	7.3	7.1	6.9	6.7	6.5	6.3	6.1	5.9	5.6	5.4	5.2
175°	5.0	4.9	4.8	4.6	4.5	4.3	4.2	4.0	3.9	3.7	3.6
177.5°	2.6	2.5	2.5	2.4	2.4	2.3	2.2	2.1	2.1	2.0	1.9
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: P232018

CATALOG NUMBER: FVS4WM-3-LD4-40-1LO-P125-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°	1.8	1.7	1.6	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.8
5°	3.4	3.2	3.0	2.9	2.7	2.5	2.3	2.1	1.9	1.7	1.5
7.5°	4.9	4.7	4.4	4.2	3.9	3.6	3.3	3.0	2.7	2.5	2.2
10°	6.4	6.1	5.8	5.4	5.1	4.7	4.3	4.0	3.6	3.2	2.8
12.5°	7.9	7.5	7.0	6.6	6.1	5.7	5.2	4.7	4.3	3.8	3.3
15°	9.2	8.6	8.1	7.5	7.0	6.5	5.9	5.4	4.8	4.3	3.8
17.5°	10.2	9.6	9.0	8.4	7.8	7.2	6.6	6.0	5.4	4.8	4.2
20°	11.2	10.5	9.9	9.3	8.6	8.0	7.3	6.6	6.0	5.3	4.6
22.5°	12.3	11.6	10.9	10.1	9.3	8.5	7.8	7.1	6.4	5.7	5.0
25°	13.3	12.4	11.5	10.7	9.9	9.2	8.4	7.7	7.0	6.2	5.5
27.5°	13.9	13.1	12.3	11.5	10.8	10.1	9.3	8.5	7.7	6.9	6.0
30°	14.9	14.0	13.3	12.6	11.9	11.0	10.0	9.1	8.2	7.3	6.5
32.5°	16.6	15.3	14.5	13.6	12.6	11.6	10.8	9.9	9.0	8.0	7.0
35°	19.0	17.3	15.6	14.4	13.6	12.7	11.7	10.6	9.5	8.5	7.5
37.5°	20.7	18.9	17.4	16.0	14.5	13.4	12.3	11.3	10.3	9.3	8.1
40°	22.3	20.5	18.8	17.1	15.6	14.4	13.4	12.2	10.9	9.7	8.5
42.5°	23.6	21.7	19.8	18.2	16.8	15.4	14.0	12.6	11.4	10.1	8.8
45°	24.6	22.5	20.7	19.0	17.4	15.8	14.4	13.1	12.0	10.8	9.6
47.5°	25.4	23.2	21.3	19.5	17.7	16.0	14.8	13.8	12.7	11.1	9.5
50°	26.0	23.7	21.7	19.6	17.7	16.3	15.1	13.6	12.2	11.2	9.8
52.5°	26.4	24.1	21.6	19.5	17.8	16.2	14.5	13.2	12.2	11.0	9.6
55°	26.8	24.0	21.4	19.4	17.5	15.6	14.3	13.0	11.7	10.5	9.5
57.5°	27.8	23.8	21.3	19.0	16.9	15.4	14.0	12.6	11.3	10.2	9.0
60°	29.1	25.3	21.7	18.5	16.7	15.2	13.7	12.2	10.9	9.6	8.4
62.5°	30.5	26.6	22.8	19.6	16.9	15.1	13.3	11.8	10.5	9.1	7.9
65°	31.9	27.7	24.0	20.8	18.0	15.2	12.9	11.5	10.2	9.0	7.9
67.5°	33.3	28.8	25.2	21.8	18.7	15.8	13.5	11.5	10.2	9.0	7.3
70°	34.6	30.2	26.4	22.7	19.2	16.5	14.2	12.2	10.5	8.5	6.9
72.5°	35.9	31.6	27.3	23.4	20.0	17.2	14.7	12.6	10.2	8.3	6.5
75°	37.1	33.0	28.2	24.1	20.7	17.9	15.1	12.5	10.2	8.1	5.8
77.5°	37.3	33.1	28.7	24.8	21.5	18.5	15.3	12.6	10.2	7.3	5.1
80°	37.8	33.3	29.0	25.2	21.8	18.5	15.4	12.8	9.9	6.5	4.4
82.5°	38.3	33.8	29.6	25.7	22.1	18.4	15.3	12.5	9.2	6.0	3.4
85°	39.1	34.5	30.5	26.4	22.5	18.5	15.3	12.4	8.7	5.6	3.0
87.5°	40.0	35.5	31.6	27.3	23.0	18.7	15.6	12.5	8.7	5.6	2.9
90°	41.2	36.7	32.9	28.4	23.8	19.3	16.1	12.9	9.0	5.8	3.2
92.5°	40.0	35.5	31.6	27.3	23.0	18.7	15.6	12.5	8.7	5.6	2.9
95°	39.1	34.5	30.5	26.4	22.5	18.5	15.3	12.4	8.7	5.6	3.0
97.5°	38.3	33.8	29.6	25.7	22.1	18.4	15.3	12.5	9.2	6.0	3.4
100°	37.8	33.3	29.0	25.2	21.8	18.5	15.4	12.8	9.9	6.5	4.4
102.5°	37.3	33.1	28.7	24.8	21.5	18.5	15.3	12.6	10.2	7.3	5.1
105°	37.1	33.0	28.2	24.1	20.7	17.9	15.1	12.5	10.2	8.1	5.8
107.5°	35.9	31.6	27.3	23.4	20.0	17.2	14.7	12.6	10.2	8.3	6.5
110°	34.6	30.2	26.4	22.7	19.2	16.5	14.2	12.2	10.5	8.5	6.9





TEST NUMBER: P232018

CATALOG NUMBER: FVS4WM-3-LD4-40-1LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
112.5°	33.3	28.8	25.2	21.8	18.7	15.8	13.5	11.5	10.2	9.0	7.3
115°	31.9	27.7	24.0	20.8	18.0	15.2	12.9	11.5	10.2	9.0	7.9
117.5°	30.5	26.6	22.8	19.6	16.9	15.1	13.3	11.8	10.5	9.1	7.9
120°	29.1	25.3	21.7	18.5	16.7	15.2	13.7	12.2	10.9	9.6	8.4
122.5°	27.8	23.8	21.3	19.0	16.9	15.4	14.0	12.6	11.3	10.2	9.0
125°	26.8	24.0	21.4	19.4	17.5	15.6	14.3	13.0	11.7	10.5	9.5
127.5°	26.4	24.1	21.6	19.5	17.8	16.2	14.5	13.2	12.2	11.0	9.6
130°	26.0	23.7	21.7	19.6	17.7	16.3	15.1	13.6	12.2	11.2	9.8
132.5°	25.4	23.2	21.3	19.5	17.7	16.0	14.8	13.8	12.7	11.1	9.5
135°	24.6	22.5	20.7	19.0	17.4	15.8	14.4	13.1	12.0	10.8	9.6
137.5°	23.6	21.7	19.8	18.2	16.8	15.4	14.0	12.6	11.4	10.1	8.8
140°	22.3	20.5	18.8	17.1	15.6	14.4	13.4	12.2	10.9	9.7	8.5
142.5°	20.7	18.9	17.4	16.0	14.5	13.4	12.3	11.3	10.3	9.3	8.1
145°	19.0	17.3	15.6	14.4	13.6	12.7	11.7	10.6	9.5	8.5	7.5
147.5°	16.6	15.3	14.5	13.6	12.6	11.6	10.8	9.9	9.0	8.0	7.0
150°	14.9	14.0	13.3	12.6	11.9	11.0	10.0	9.1	8.2	7.3	6.5
152.5°	13.9	13.1	12.3	11.5	10.8	10.1	9.3	8.5	7.7	6.9	6.0
155°	13.3	12.4	11.5	10.7	9.9	9.2	8.4	7.7	7.0	6.2	5.5
157.5°	12.3	11.6	10.9	10.1	9.3	8.5	7.8	7.1	6.4	5.7	5.0
160°	11.2	10.5	9.9	9.3	8.6	8.0	7.3	6.6	6.0	5.3	4.6
162.5°	10.2	9.6	9.0	8.4	7.8	7.2	6.6	6.0	5.4	4.8	4.2
165°	9.2	8.6	8.1	7.5	7.0	6.5	5.9	5.4	4.8	4.3	3.8
167.5°	7.9	7.5	7.0	6.6	6.1	5.7	5.2	4.7	4.3	3.8	3.3
170°	6.4	6.1	5.8	5.4	5.1	4.7	4.3	4.0	3.6	3.2	2.8
172.5°	4.9	4.7	4.4	4.2	3.9	3.6	3.3	3.0	2.7	2.5	2.2
175°	3.4	3.2	3.0	2.9	2.7	2.5	2.3	2.1	1.9	1.7	1.5
177.5°	1.8	1.7	1.6	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.8
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: P232018

CATALOG NUMBER: FVS4WM-3-LD4-40-1LO-P125-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°	0.7	0.6	0.4	0.3	0.2	0.1	0.0	0.1	0.2	0.3	0.4
5°	1.3	1.1	0.8	0.6	0.4	0.2	0.0	0.2	0.4	0.6	0.8
7.5°	1.9	1.5	1.2	0.9	0.6	0.3	0.0	0.3	0.6	0.9	1.2
10°	2.4	2.0	1.6	1.2	0.8	0.4	0.0	0.4	0.8	1.2	1.6
12.5°	2.8	2.4	1.9	1.4	1.0	0.5	0.0	0.5	1.0	1.4	1.9
15°	3.2	2.7	2.1	1.6	1.1	0.5	0.0	0.5	1.1	1.6	2.1
17.5°	3.6	3.0	2.4	1.8	1.2	0.6	0.0	0.6	1.2	1.8	2.4
20°	3.9	3.3	2.6	2.0	1.3	0.7	0.0	0.7	1.3	2.0	2.6
22.5°	4.3	3.6	2.8	2.1	1.4	0.7	0.0	0.7	1.4	2.1	2.8
25°	4.7	4.0	3.2	2.4	1.6	0.8	0.0	0.8	1.6	2.4	3.2
27.5°	5.1	4.3	3.4	2.6	1.7	0.9	0.0	0.9	1.7	2.6	3.4
30°	5.6	4.7	3.8	2.8	1.9	0.9	0.0	0.9	1.9	2.8	3.8
32.5°	6.0	5.0	4.0	3.0	2.0	1.0	0.0	1.0	2.0	3.0	4.0
35°	6.5	5.4	4.4	3.3	2.2	1.1	0.0	1.1	2.2	3.3	4.4
37.5°	6.9	5.8	4.6	3.5	2.3	1.2	0.0	1.2	2.3	3.5	4.6
40°	7.2	6.0	4.8	3.6	2.4	1.2	0.0	1.2	2.4	3.6	4.8
42.5°	7.6	6.4	5.2	3.9	2.6	1.3	0.0	1.3	2.6	3.9	5.2
45°	8.1	6.7	5.3	3.9	2.6	1.3	0.0	1.3	2.6	3.9	5.3
47.5°	8.1	6.7	5.4	4.0	2.7	1.3	0.0	1.3	2.7	4.0	5.4
50°	8.3	6.8	5.3	3.9	2.6	1.3	0.0	1.3	2.6	3.9	5.3
52.5°	8.0	6.6	5.3	3.9	2.6	1.3	0.0	1.3	2.6	3.9	5.3
55°	8.2	6.6	5.2	3.8	2.5	1.2	0.0	1.2	2.5	3.8	5.2
57.5°	7.8	6.2	4.8	3.5	2.3	1.1	0.0	1.1	2.3	3.5	4.8
60°	7.1	5.8	4.6	3.4	2.2	1.1	0.0	1.1	2.2	3.4	4.6
62.5°	6.8	5.8	4.4	3.1	2.0	1.0	0.0	1.0	2.0	3.1	4.4
65°	6.5	5.1	3.8	2.6	1.6	0.8	0.0	0.8	1.6	2.6	3.8
67.5°	5.8	4.4	3.1	2.2	1.4	0.7	0.0	0.7	1.4	2.2	3.1
70°	5.3	4.0	2.8	1.8	1.1	0.8	0.6	0.8	1.1	1.8	2.8
72.5°	4.8	3.4	2.1	1.3	1.1	0.8	0.6	0.8	1.1	1.3	2.1
75°	4.4	2.9	1.8	1.1	0.8	0.6	0.6	0.6	0.8	1.1	1.8
77.5°	3.5	2.0	1.0	0.5	0.2	0.1	0.0	0.1	0.2	0.5	1.0
80°	2.3	1.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
82.5°	1.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	1.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	1.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	1.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	2.3	1.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
102.5°	3.5	2.0	1.0	0.5	0.2	0.1	0.0	0.1	0.2	0.5	1.0
105°	4.4	2.9	1.8	1.1	0.8	0.6	0.6	0.6	0.8	1.1	1.8
107.5°	4.8	3.4	2.1	1.3	1.1	0.8	0.6	0.8	1.1	1.3	2.1
110°	5.3	4.0	2.8	1.8	1.1	0.8	0.6	0.8	1.1	1.8	2.8



TEST NUMBER: P232018

CATALOG NUMBER: FVS4WM-3-LD4-40-1LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	5.8	4.4	3.1	2.2	1.4	0.7	0.0	0.7	1.4	2.2	3.1
115°	6.5	5.1	3.8	2.6	1.6	0.8	0.0	0.8	1.6	2.6	3.8
117.5°	6.8	5.8	4.4	3.1	2.0	1.0	0.0	1.0	2.0	3.1	4.4
120°	7.1	5.8	4.6	3.4	2.2	1.1	0.0	1.1	2.2	3.4	4.6
122.5°	7.8	6.2	4.8	3.5	2.3	1.1	0.0	1.1	2.3	3.5	4.8
125°	8.2	6.6	5.2	3.8	2.5	1.2	0.0	1.2	2.5	3.8	5.2
127.5°	8.0	6.6	5.3	3.9	2.6	1.3	0.0	1.3	2.6	3.9	5.3
130°	8.3	6.8	5.3	3.9	2.6	1.3	0.0	1.3	2.6	3.9	5.3
132.5°	8.1	6.7	5.4	4.0	2.7	1.3	0.0	1.3	2.7	4.0	5.4
135°	8.1	6.7	5.3	3.9	2.6	1.3	0.0	1.3	2.6	3.9	5.3
137.5°	7.6	6.4	5.2	3.9	2.6	1.3	0.0	1.3	2.6	3.9	5.2
140°	7.2	6.0	4.8	3.6	2.4	1.2	0.0	1.2	2.4	3.6	4.8
142.5°	6.9	5.8	4.6	3.5	2.3	1.2	0.0	1.2	2.3	3.5	4.6
145°	6.5	5.4	4.4	3.3	2.2	1.1	0.0	1.1	2.2	3.3	4.4
147.5°	6.0	5.0	4.0	3.0	2.0	1.0	0.0	1.0	2.0	3.0	4.0
150°	5.6	4.7	3.8	2.8	1.9	0.9	0.0	0.9	1.9	2.8	3.8
152.5°	5.1	4.3	3.4	2.6	1.7	0.9	0.0	0.9	1.7	2.6	3.4
155°	4.7	4.0	3.2	2.4	1.6	0.8	0.0	0.8	1.6	2.4	3.2
157.5°	4.3	3.6	2.8	2.1	1.4	0.7	0.0	0.7	1.4	2.1	2.8
160°	3.9	3.3	2.6	2.0	1.3	0.7	0.0	0.7	1.3	2.0	2.6
162.5°	3.6	3.0	2.4	1.8	1.2	0.6	0.0	0.6	1.2	1.8	2.4
165°	3.2	2.7	2.1	1.6	1.1	0.5	0.0	0.5	1.1	1.6	2.1
167.5°	2.8	2.4	1.9	1.4	1.0	0.5	0.0	0.5	1.0	1.4	1.9
170°	2.4	2.0	1.6	1.2	0.8	0.4	0.0	0.4	0.8	1.2	1.6
172.5°	1.9	1.5	1.2	0.9	0.6	0.3	0.0	0.3	0.6	0.9	1.2
175°	1.3	1.1	0.8	0.6	0.4	0.2	0.0	0.2	0.4	0.6	0.8
177.5°	0.7	0.6	0.4	0.3	0.2	0.1	0.0	0.1	0.2	0.3	0.4
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: P232018

CATALOG NUMBER: FVS4WM-3-LD4-40-1LO-P125-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°	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6
5°	1.1	1.3	1.5	1.7	1.9	2.1	2.3	2.5	2.7	2.9	3.0
7.5°	1.5	1.9	2.2	2.5	2.7	3.0	3.3	3.6	3.9	4.2	4.4
10°	2.0	2.4	2.8	3.2	3.6	4.0	4.3	4.7	5.1	5.4	5.8
12.5°	2.4	2.8	3.3	3.8	4.3	4.7	5.2	5.7	6.1	6.6	7.0
15°	2.7	3.2	3.8	4.3	4.8	5.4	5.9	6.5	7.0	7.5	8.1
17.5°	3.0	3.6	4.2	4.8	5.4	6.0	6.6	7.2	7.8	8.4	9.0
20°	3.3	3.9	4.6	5.3	6.0	6.6	7.3	8.0	8.6	9.3	9.9
22.5°	3.6	4.3	5.0	5.7	6.4	7.1	7.8	8.5	9.3	10.1	10.9
25°	4.0	4.7	5.5	6.2	7.0	7.7	8.4	9.2	9.9	10.7	11.5
27.5°	4.3	5.1	6.0	6.9	7.7	8.5	9.3	10.1	10.8	11.5	12.3
30°	4.7	5.6	6.5	7.3	8.2	9.1	10.0	11.0	11.9	12.6	13.3
32.5°	5.0	6.0	7.0	8.0	9.0	9.9	10.8	11.6	12.6	13.6	14.5
35°	5.4	6.5	7.5	8.5	9.5	10.6	11.7	12.7	13.6	14.4	15.6
37.5°	5.8	6.9	8.1	9.3	10.3	11.3	12.3	13.4	14.5	16.0	17.4
40°	6.0	7.2	8.5	9.7	10.9	12.2	13.4	14.4	15.6	17.1	18.8
42.5°	6.4	7.6	8.8	10.1	11.4	12.6	14.0	15.4	16.8	18.2	19.8
45°	6.7	8.1	9.6	10.8	12.0	13.1	14.4	15.8	17.4	19.0	20.7
47.5°	6.7	8.1	9.5	11.1	12.7	13.8	14.8	16.0	17.7	19.5	21.3
50°	6.8	8.3	9.8	11.2	12.2	13.6	15.1	16.3	17.7	19.6	21.7
52.5°	6.6	8.0	9.6	11.0	12.2	13.2	14.5	16.2	17.8	19.5	21.6
55°	6.6	8.2	9.5	10.5	11.7	13.0	14.3	15.6	17.5	19.4	21.4
57.5°	6.2	7.8	9.0	10.2	11.3	12.6	14.0	15.4	16.9	19.0	21.3
60°	5.8	7.1	8.4	9.6	10.9	12.2	13.7	15.2	16.7	18.5	21.7
62.5°	5.8	6.8	7.9	9.1	10.5	11.8	13.3	15.1	16.9	19.6	22.8
65°	5.1	6.5	7.9	9.0	10.2	11.5	12.9	15.2	18.0	20.8	24.0
67.5°	4.4	5.8	7.3	9.0	10.2	11.5	13.5	15.8	18.7	21.8	25.2
70°	4.0	5.3	6.9	8.5	10.5	12.2	14.2	16.5	19.2	22.7	26.4
72.5°	3.4	4.8	6.5	8.3	10.2	12.6	14.7	17.2	20.0	23.4	27.3
75°	2.9	4.4	5.8	8.1	10.2	12.5	15.1	17.9	20.7	24.1	28.2
77.5°	2.0	3.5	5.1	7.3	10.2	12.6	15.3	18.5	21.5	24.8	28.7
80°	1.1	2.3	4.4	6.5	9.9	12.8	15.4	18.5	21.8	25.2	29.0
82.5°	0.5	1.5	3.4	6.0	9.2	12.5	15.3	18.4	22.1	25.7	29.6
85°	0.2	1.1	3.0	5.6	8.7	12.4	15.3	18.5	22.5	26.4	30.5
87.5°	0.1	0.8	2.9	5.6	8.7	12.5	15.6	18.7	23.0	27.3	31.6
90°	0.0	0.6	3.2	5.8	9.0	12.9	16.1	19.3	23.8	28.4	32.9
92.5°	0.1	0.8	2.9	5.6	8.7	12.5	15.6	18.7	23.0	27.3	31.6
95°	0.2	1.1	3.0	5.6	8.7	12.4	15.3	18.5	22.5	26.4	30.5
97.5°	0.5	1.5	3.4	6.0	9.2	12.5	15.3	18.4	22.1	25.7	29.6
100°	1.1	2.3	4.4	6.5	9.9	12.8	15.4	18.5	21.8	25.2	29.0
102.5°	2.0	3.5	5.1	7.3	10.2	12.6	15.3	18.5	21.5	24.8	28.7
105°	2.9	4.4	5.8	8.1	10.2	12.5	15.1	17.9	20.7	24.1	28.2
107.5°	3.4	4.8	6.5	8.3	10.2	12.6	14.7	17.2	20.0	23.4	27.3
110°	4.0	5.3	6.9	8.5	10.5	12.2	14.2	16.5	19.2	22.7	26.4



TEST NUMBER: P232018

CATALOG NUMBER: FVS4WM-3-LD4-40-1LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
112.5°	4.4	5.8	7.3	9.0	10.2	11.5	13.5	15.8	18.7	21.8	25.2
115°	5.1	6.5	7.9	9.0	10.2	11.5	12.9	15.2	18.0	20.8	24.0
117.5°	5.8	6.8	7.9	9.1	10.5	11.8	13.3	15.1	16.9	19.6	22.8
120°	5.8	7.1	8.4	9.6	10.9	12.2	13.7	15.2	16.7	18.5	21.7
122.5°	6.2	7.8	9.0	10.2	11.3	12.6	14.0	15.4	16.9	19.0	21.3
125°	6.6	8.2	9.5	10.5	11.7	13.0	14.3	15.6	17.5	19.4	21.4
127.5°	6.6	8.0	9.6	11.0	12.2	13.2	14.5	16.2	17.8	19.5	21.6
130°	6.8	8.3	9.8	11.2	12.2	13.6	15.1	16.3	17.7	19.6	21.7
132.5°	6.7	8.1	9.5	11.1	12.7	13.8	14.8	16.0	17.7	19.5	21.3
135°	6.7	8.1	9.6	10.8	12.0	13.1	14.4	15.8	17.4	19.0	20.7
137.5°	6.4	7.6	8.8	10.1	11.4	12.6	14.0	15.4	16.8	18.2	19.8
140°	6.0	7.2	8.5	9.7	10.9	12.2	13.4	14.4	15.6	17.1	18.8
142.5°	5.8	6.9	8.1	9.3	10.3	11.3	12.3	13.4	14.5	16.0	17.4
145°	5.4	6.5	7.5	8.5	9.5	10.6	11.7	12.7	13.6	14.4	15.6
147.5°	5.0	6.0	7.0	8.0	9.0	9.9	10.8	11.6	12.6	13.6	14.5
150°	4.7	5.6	6.5	7.3	8.2	9.1	10.0	11.0	11.9	12.6	13.3
152.5°	4.3	5.1	6.0	6.9	7.7	8.5	9.3	10.1	10.8	11.5	12.3
155°	4.0	4.7	5.5	6.2	7.0	7.7	8.4	9.2	9.9	10.7	11.5
157.5°	3.6	4.3	5.0	5.7	6.4	7.1	7.8	8.5	9.3	10.1	10.9
160°	3.3	3.9	4.6	5.3	6.0	6.6	7.3	8.0	8.6	9.3	9.9
162.5°	3.0	3.6	4.2	4.8	5.4	6.0	6.6	7.2	7.8	8.4	9.0
165°	2.7	3.2	3.8	4.3	4.8	5.4	5.9	6.5	7.0	7.5	8.1
167.5°	2.4	2.8	3.3	3.8	4.3	4.7	5.2	5.7	6.1	6.6	7.0
170°	2.0	2.4	2.8	3.2	3.6	4.0	4.3	4.7	5.1	5.4	5.8
172.5°	1.5	1.9	2.2	2.5	2.7	3.0	3.3	3.6	3.9	4.2	4.4
175°	1.1	1.3	1.5	1.7	1.9	2.1	2.3	2.5	2.7	2.9	3.0
177.5°	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	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: P232018

CATALOG NUMBER: FVS4WM-3-LD4-40-1LO-P125-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°	1.7	1.8	1.9	2.0	2.1	2.1	2.2	2.3	2.4	2.4	2.5
5°	3.2	3.4	3.6	3.7	3.9	4.0	4.2	4.3	4.5	4.6	4.8
7.5°	4.7	4.9	5.2	5.4	5.6	5.9	6.1	6.3	6.5	6.7	6.9
10°	6.1	6.4	6.8	7.1	7.4	7.7	7.9	8.2	8.5	8.7	9.0
12.5°	7.5	7.9	8.3	8.7	9.1	9.4	9.8	10.1	10.4	10.7	11.0
15°	8.6	9.2	9.7	10.2	10.7	11.1	11.6	12.0	12.4	12.7	13.1
17.5°	9.6	10.2	10.8	11.5	12.1	12.7	13.3	13.8	14.2	14.7	15.1
20°	10.5	11.2	11.9	12.6	13.3	14.0	14.7	15.4	16.1	16.6	17.1
22.5°	11.6	12.3	12.9	13.6	14.4	15.2	16.0	16.8	17.6	18.4	19.0
25°	12.4	13.3	14.1	14.9	15.6	16.3	17.2	18.1	19.0	19.9	21.6
27.5°	13.1	13.9	14.9	15.9	16.9	17.6	19.2	21.1	23.2	25.3	27.5
30°	14.0	14.9	15.7	17.2	19.2	21.3	23.3	25.3	27.5	30.1	32.7
32.5°	15.3	16.6	18.1	20.0	21.9	24.2	26.7	29.1	31.5	34.3	37.5
35°	17.3	19.0	20.7	22.4	24.5	26.8	29.4	32.3	35.2	38.2	41.7
37.5°	18.9	20.7	22.7	24.7	26.7	29.2	31.9	35.0	38.4	41.8	45.4
40°	20.5	22.3	24.3	26.5	28.9	31.3	34.2	37.4	41.1	45.0	49.1
42.5°	21.7	23.6	25.7	28.0	30.6	33.3	36.1	39.7	43.5	47.9	52.5
45°	22.5	24.6	26.9	29.4	32.1	35.0	38.1	41.5	45.8	50.5	55.5
47.5°	23.2	25.4	27.8	30.4	33.3	36.5	39.8	43.5	47.8	52.8	58.3
50°	23.7	26.0	28.5	31.3	34.3	37.8	41.4	45.4	50.2	55.2	60.1
52.5°	24.1	26.4	29.0	32.1	35.2	39.7	44.6	49.3	54.0	58.5	62.6
55°	24.0	26.8	29.6	33.7	38.2	42.9	48.2	53.4	58.2	62.5	65.8
57.5°	23.8	27.8	31.8	35.8	40.9	46.1	51.7	57.4	62.7	66.9	69.7
60°	25.3	29.1	33.6	37.9	43.1	48.9	54.9	61.3	67.1	71.6	74.3
62.5°	26.6	30.5	35.1	40.0	45.1	51.6	58.1	64.9	71.4	76.5	79.4
65°	27.7	31.9	36.4	41.8	47.2	53.9	61.1	68.5	75.7	81.7	85.0
67.5°	28.8	33.3	38.0	43.5	49.3	56.0	64.0	71.9	80.1	86.7	90.0
70°	30.2	34.6	39.6	45.1	51.4	58.0	66.8	75.4	84.0	91.0	93.9
72.5°	31.6	35.9	41.2	46.8	53.4	59.9	68.2	76.6	84.4	90.3	93.0
75°	33.0	37.1	42.0	47.2	53.4	60.4	68.6	77.2	84.7	90.2	92.5
77.5°	33.1	37.3	42.0	47.4	53.6	60.9	69.3	78.0	85.5	90.5	92.1
80°	33.3	37.8	42.3	47.7	53.9	61.5	70.2	79.0	86.6	91.1	91.9
82.5°	33.8	38.3	42.9	48.2	54.4	62.2	71.4	80.4	88.0	92.0	91.7
85°	34.5	39.1	43.6	48.9	55.2	63.1	72.9	81.9	89.7	93.1	91.7
87.5°	35.5	40.0	44.6	49.8	56.1	64.2	74.7	83.7	91.5	94.2	91.6
90°	36.7	41.2	45.8	50.9	57.4	65.7	76.7	85.7	93.5	95.4	91.5
92.5°	35.5	40.0	44.6	49.8	56.1	64.2	74.7	83.7	91.5	94.2	91.6
95°	34.5	39.1	43.6	48.9	55.2	63.1	72.9	81.9	89.7	93.1	91.7
97.5°	33.8	38.3	42.9	48.2	54.4	62.2	71.4	80.4	88.0	92.0	91.7
100°	33.3	37.8	42.3	47.7	53.9	61.5	70.2	79.0	86.6	91.1	91.9
102.5°	33.1	37.3	42.0	47.4	53.6	60.9	69.3	78.0	85.5	90.5	92.1
105°	33.0	37.1	42.0	47.2	53.4	60.4	68.6	77.2	84.7	90.2	92.5
107.5°	31.6	35.9	41.2	46.8	53.4	59.9	68.2	76.6	84.4	90.3	93.0
110°	30.2	34.6	39.6	45.1	51.4	58.0	66.8	75.4	84.0	91.0	93.9



TEST NUMBER: P232018

CATALOG NUMBER: FVS4WM-3-LD4-40-1LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	28.8	33.3	38.0	43.5	49.3	56.0	64.0	71.9	80.1	86.7	90.0
115°	27.7	31.9	36.4	41.8	47.2	53.9	61.1	68.5	75.7	81.7	85.0
117.5°	26.6	30.5	35.1	40.0	45.1	51.6	58.1	64.9	71.4	76.5	79.4
120°	25.3	29.1	33.6	37.9	43.1	48.9	54.9	61.3	67.1	71.6	74.3
122.5°	23.8	27.8	31.8	35.8	40.9	46.1	51.7	57.4	62.7	66.9	69.7
125°	24.0	26.8	29.6	33.7	38.2	42.9	48.2	53.4	58.2	62.5	65.8
127.5°	24.1	26.4	29.0	32.1	35.2	39.7	44.6	49.3	54.0	58.5	62.6
130°	23.7	26.0	28.5	31.3	34.3	37.8	41.4	45.4	50.2	55.2	60.1
132.5°	23.2	25.4	27.8	30.4	33.3	36.5	39.8	43.5	47.8	52.8	58.3
135°	22.5	24.6	26.9	29.4	32.1	35.0	38.1	41.5	45.8	50.5	55.5
137.5°	21.7	23.6	25.7	28.0	30.6	33.3	36.1	39.7	43.5	47.9	52.5
140°	20.5	22.3	24.3	26.5	28.9	31.3	34.2	37.4	41.1	45.0	49.1
142.5°	18.9	20.7	22.7	24.7	26.7	29.2	31.9	35.0	38.4	41.8	45.4
145°	17.3	19.0	20.7	22.4	24.5	26.8	29.4	32.3	35.2	38.2	41.7
147.5°	15.3	16.6	18.1	20.0	21.9	24.2	26.7	29.1	31.5	34.3	37.5
150°	14.0	14.9	15.7	17.2	19.2	21.3	23.3	25.3	27.5	30.1	32.7
152.5°	13.1	13.9	14.9	15.9	16.9	17.6	19.2	21.1	23.2	25.3	27.5
155°	12.4	13.3	14.1	14.9	15.6	16.3	17.2	18.1	19.0	19.9	21.6
157.5°	11.6	12.3	12.9	13.6	14.4	15.2	16.0	16.8	17.6	18.4	19.0
160°	10.5	11.2	11.9	12.6	13.3	14.0	14.7	15.4	16.1	16.6	17.1
162.5°	9.6	10.2	10.8	11.5	12.1	12.7	13.3	13.8	14.2	14.7	15.1
165°	8.6	9.2	9.7	10.2	10.7	11.1	11.6	12.0	12.4	12.7	13.1
167.5°	7.5	7.9	8.3	8.7	9.1	9.4	9.8	10.1	10.4	10.7	11.0
170°	6.1	6.4	6.8	7.1	7.4	7.7	7.9	8.2	8.5	8.7	9.0
172.5°	4.7	4.9	5.2	5.4	5.6	5.9	6.1	6.3	6.5	6.7	6.9
175°	3.2	3.4	3.6	3.7	3.9	4.0	4.2	4.3	4.5	4.6	4.8
177.5°	1.7	1.8	1.9	2.0	2.1	2.1	2.2	2.3	2.4	2.4	2.5
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: P232018

CATALOG NUMBER: FVS4WM-3-LD4-40-1LO-P125-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°	2.5	2.6	2.7	2.7	2.7	2.8	2.8	2.8	2.9	2.9	3.3
5°	4.9	5.0	5.1	5.3	5.4	5.4	5.5	5.6	5.7	5.7	6.5
7.5°	7.1	7.3	7.5	7.7	7.9	8.0	8.2	8.3	8.5	8.6	9.7
10°	9.3	9.5	9.7	10.0	10.2	10.5	10.8	11.0	11.3	11.5	13.0
12.5°	11.3	11.7	12.0	12.3	12.5	12.9	13.3	13.7	14.0	14.3	16.2
15°	13.4	13.8	14.1	14.5	14.9	15.2	15.7	16.2	16.7	17.2	19.4
17.5°	15.5	15.9	16.3	16.7	17.2	17.6	18.1	18.8	19.4	20.1	22.6
20°	17.6	18.0	18.4	18.9	19.4	19.9	20.5	21.3	22.1	22.9	25.8
22.5°	19.6	20.1	20.6	21.1	21.6	22.2	22.8	23.7	24.8	25.8	29.0
25°	23.2	24.7	26.1	27.2	28.2	29.1	29.9	30.7	31.7	32.6	35.8
27.5°	29.6	31.6	33.5	34.9	36.0	36.8	37.4	37.9	38.7	39.4	42.6
30°	35.4	38.1	40.4	42.6	43.8	44.7	45.1	45.3	45.8	46.2	49.3
32.5°	40.7	43.9	47.0	49.8	51.6	52.6	52.9	52.8	52.9	53.0	55.9
35°	45.5	49.3	53.2	56.6	59.4	60.5	60.8	60.3	60.1	59.8	62.5
37.5°	49.8	54.3	58.9	63.2	67.3	68.4	68.9	68.0	67.3	66.6	69.0
40°	53.7	59.0	64.3	69.4	74.1	76.3	77.1	75.8	74.6	73.4	75.5
42.5°	57.3	63.2	69.3	75.6	80.8	84.3	85.3	83.6	81.8	80.2	81.9
45°	60.9	67.1	74.0	80.9	87.3	92.2	93.2	91.5	89.2	87.0	88.3
47.5°	64.0	69.6	76.2	82.7	88.9	94.4	95.6	95.2	94.4	94.2	97.9
50°	64.9	69.8	75.9	82.3	88.6	94.7	97.2	98.4	99.4	101.5	107.8
52.5°	66.5	70.7	76.0	82.0	88.4	94.8	98.6	101.4	104.2	108.7	117.8
55°	68.9	72.2	76.4	81.9	88.3	94.9	99.9	104.1	108.9	115.9	127.9
57.5°	71.9	74.2	77.1	82.1	88.3	95.0	101.0	106.6	113.4	123.2	138.3
60°	75.5	76.5	78.4	82.7	88.5	95.2	102.0	109.0	117.9	130.4	148.7
62.5°	79.6	79.4	80.3	83.5	88.8	95.4	102.8	111.2	122.2	137.6	159.2
65°	84.1	82.9	82.5	84.6	89.2	95.6	103.6	113.2	126.5	144.9	169.9
67.5°	89.1	86.7	85.0	85.9	89.7	95.9	104.2	115.2	130.6	152.1	180.6
70°	92.1	88.5	85.9	85.8	89.2	95.2	103.3	114.2	129.6	151.3	180.1
72.5°	91.6	88.1	85.6	85.3	88.5	94.4	102.3	113.1	128.5	150.5	179.5
75°	91.1	87.5	85.2	84.8	87.9	93.7	101.4	112.2	127.6	149.7	179.8
77.5°	90.5	86.7	84.7	84.4	87.3	93.1	100.6	111.2	126.6	148.9	178.7
80°	89.8	85.9	84.2	83.9	86.7	92.5	99.8	110.4	125.7	148.2	177.7
82.5°	89.0	84.9	83.6	83.5	86.2	92.0	99.1	109.6	124.8	147.4	176.6
85°	88.2	83.9	83.0	83.2	85.8	91.6	98.4	108.9	124.0	146.6	175.5
87.5°	87.4	82.9	82.4	82.8	85.4	91.2	97.8	108.2	123.2	145.8	174.5
90°	86.4	81.8	81.8	82.5	85.1	90.9	97.3	107.6	122.5	145.0	173.4
92.5°	87.4	82.9	82.4	82.8	85.4	91.2	97.8	108.2	123.2	145.8	174.5
95°	88.2	83.9	83.0	83.2	85.8	91.6	98.4	108.9	124.0	146.6	175.5
97.5°	89.0	84.9	83.6	83.5	86.2	92.0	99.1	109.6	124.8	147.4	176.6
100°	89.8	85.9	84.2	83.9	86.7	92.5	99.8	110.4	125.7	148.2	177.7
102.5°	90.5	86.7	84.7	84.4	87.3	93.1	100.6	111.2	126.6	148.9	178.7
105°	91.1	87.5	85.2	84.8	87.9	93.7	101.4	112.2	127.6	149.7	179.8
107.5°	91.6	88.1	85.6	85.3	88.5	94.4	102.3	113.1	128.5	150.5	179.5
110°	92.1	88.5	85.9	85.8	89.2	95.2	103.3	114.2	129.6	151.3	180.1





TEST NUMBER: P232018

CATALOG NUMBER: FVS4WM-3-LD4-40-1LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
112.5°	89.1	86.7	85.0	85.9	89.7	95.9	104.2	115.2	130.6	152.1	180.6
115°	84.1	82.9	82.5	84.6	89.2	95.6	103.6	113.2	126.5	144.9	169.9
117.5°	79.6	79.4	80.3	83.5	88.8	95.4	102.8	111.2	122.2	137.6	159.2
120°	75.5	76.5	78.4	82.7	88.5	95.2	102.0	109.0	117.9	130.4	148.7
122.5°	71.9	74.2	77.1	82.1	88.3	95.0	101.0	106.6	113.4	123.2	138.3
125°	68.9	72.2	76.4	81.9	88.3	94.9	99.9	104.1	108.9	115.9	127.9
127.5°	66.5	70.7	76.0	82.0	88.4	94.8	98.6	101.4	104.2	108.7	117.8
130°	64.9	69.8	75.9	82.3	88.6	94.7	97.2	98.4	99.4	101.5	107.8
132.5°	64.0	69.6	76.2	82.7	88.9	94.4	95.6	95.2	94.4	94.2	97.9
135°	60.9	67.1	74.0	80.9	87.3	92.2	93.2	91.5	89.2	87.0	88.3
137.5°	57.3	63.2	69.3	75.6	80.8	84.3	85.3	83.6	81.8	80.2	81.9
140°	53.7	59.0	64.3	69.4	74.1	76.3	77.1	75.8	74.6	73.4	75.5
142.5°	49.8	54.3	58.9	63.2	67.3	68.4	68.9	68.0	67.3	66.6	69.0
145°	45.5	49.3	53.2	56.6	59.4	60.5	60.8	60.3	60.1	59.8	62.5
147.5°	40.7	43.9	47.0	49.8	51.6	52.6	52.9	52.8	52.9	53.0	55.9
150°	35.4	38.1	40.4	42.6	43.8	44.7	45.1	45.3	45.8	46.2	49.3
152.5°	29.6	31.6	33.5	34.9	36.0	36.8	37.4	37.9	38.7	39.4	42.6
155°	23.2	24.7	26.1	27.2	28.2	29.1	29.9	30.7	31.7	32.6	35.8
157.5°	19.6	20.1	20.6	21.1	21.6	22.2	22.8	23.7	24.8	25.8	29.0
160°	17.6	18.0	18.4	18.9	19.4	19.9	20.5	21.3	22.1	22.9	25.8
162.5°	15.5	15.9	16.3	16.7	17.2	17.6	18.1	18.8	19.4	20.1	22.6
165°	13.4	13.8	14.1	14.5	14.9	15.2	15.7	16.2	16.7	17.2	19.4
167.5°	11.3	11.7	12.0	12.3	12.5	12.9	13.3	13.7	14.0	14.3	16.2
170°	9.3	9.5	9.7	10.0	10.2	10.5	10.8	11.0	11.3	11.5	13.0
172.5°	7.1	7.3	7.5	7.7	7.9	8.0	8.2	8.3	8.5	8.6	9.7
175°	4.9	5.0	5.1	5.3	5.4	5.4	5.5	5.6	5.7	5.7	6.5
177.5°	2.5	2.6	2.7	2.7	2.7	2.8	2.8	2.8	2.9	2.9	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: P232018

CATALOG NUMBER: FVS4WM-3-LD4-40-1LO-P125-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°	3.6	4.0	4.4	4.7	5.1	5.4	5.7	6.1	6.4	6.7	7.0
5°	7.3	8.0	8.7	9.4	10.1	10.8	11.5	12.1	12.7	13.3	13.9
7.5°	10.9	12.0	13.0	14.1	15.1	16.1	17.2	18.3	19.5	20.6	21.7
10°	14.5	15.9	17.3	18.7	20.2	21.9	23.6	25.2	26.7	28.2	29.8
12.5°	18.0	19.8	21.6	23.5	25.8	27.9	30.1	32.1	34.0	35.8	37.6
15°	21.6	23.7	25.9	28.7	31.4	34.1	36.7	39.0	41.2	43.4	45.7
17.5°	25.1	27.6	30.6	33.9	37.2	40.3	43.1	45.8	48.4	50.9	53.2
20°	28.6	31.5	35.4	39.3	43.0	46.3	49.5	52.7	55.6	58.4	61.1
22.5°	32.1	35.8	40.2	44.6	48.6	52.3	56.0	59.4	62.8	65.8	68.2
25°	38.9	42.9	47.4	51.8	55.7	59.5	63.2	66.8	70.0	72.5	75.0
27.5°	45.6	50.1	54.7	59.1	63.3	67.3	71.2	74.9	77.6	80.3	81.3
30°	52.2	57.1	61.9	66.3	70.9	74.9	79.0	82.2	85.1	86.7	87.6
32.5°	59.0	63.9	68.7	73.3	77.8	82.2	86.1	89.3	91.6	93.0	94.1
35°	65.7	70.6	75.4	80.1	84.8	89.6	92.9	96.1	97.9	99.4	100.6
37.5°	72.2	77.1	81.9	86.8	91.5	95.9	99.6	102.3	104.6	105.8	107.3
40°	78.7	83.4	88.4	93.3	98.1	102.3	106.0	108.6	110.7	112.2	114.4
42.5°	85.1	89.6	94.7	99.6	104.5	108.6	112.1	115.2	117.0	118.9	121.2
45°	91.3	95.8	100.8	105.8	110.6	114.8	118.4	121.2	123.2	125.4	128.0
47.5°	103.3	109.6	115.7	119.7	122.8	125.1	127.0	128.0	129.5	131.7	134.6
50°	115.9	124.6	132.6	136.6	138.7	139.9	140.6	140.7	141.1	141.9	143.1
52.5°	128.7	140.0	149.3	153.3	154.1	153.9	153.4	152.9	153.3	154.5	156.7
55°	141.8	155.7	165.9	169.4	169.1	167.3	165.8	165.1	165.5	167.1	170.2
57.5°	155.2	171.7	182.4	185.1	183.6	180.1	177.8	177.2	177.9	180.0	183.8
60°	168.8	188.0	198.9	200.4	197.3	192.4	189.5	189.0	190.2	193.1	197.9
62.5°	182.5	204.6	215.3	215.5	210.6	204.6	201.0	200.8	202.5	206.1	211.7
65°	196.5	221.3	231.6	230.3	223.6	216.5	212.9	212.7	214.6	219.0	225.1
67.5°	210.5	238.2	247.8	244.9	236.3	228.3	224.6	224.7	227.3	232.0	238.1
70°	210.8	240.1	251.8	251.5	243.7	236.4	233.7	235.0	238.8	244.6	250.9
72.5°	210.6	240.8	254.3	256.7	249.4	242.5	240.4	242.5	247.1	253.1	260.0
75°	210.3	241.4	257.1	262.4	255.2	248.6	247.1	250.0	255.2	261.5	268.7
77.5°	209.8	241.9	260.1	268.5	261.2	254.8	253.8	257.6	263.3	269.6	277.2
80°	210.2	242.2	263.2	274.9	267.4	261.0	260.5	265.2	271.2	277.5	285.6
82.5°	209.0	243.2	267.1	281.4	273.6	267.4	267.3	272.8	279.0	285.2	293.8
85°	207.9	242.7	269.8	288.4	279.9	273.6	274.0	280.6	286.7	292.8	301.8
87.5°	206.7	242.2	272.5	294.7	286.5	280.2	280.7	287.9	294.3	300.2	309.7
90°	205.6	241.7	275.2	301.0	293.2	286.8	287.4	295.2	301.6	307.4	317.1
92.5°	206.7	242.2	272.5	294.7	286.5	280.2	280.7	287.9	294.3	300.2	309.7
95°	207.9	242.7	269.8	288.4	279.9	273.6	274.0	280.6	286.7	292.8	301.8
97.5°	209.0	243.2	267.1	281.4	273.6	267.4	267.3	272.8	279.0	285.2	293.8
100°	210.2	242.2	263.2	274.9	267.4	261.0	260.5	265.2	271.2	277.5	285.6
102.5°	209.8	241.9	260.1	268.5	261.2	254.8	253.8	257.6	263.3	269.6	277.2
105°	210.3	241.4	257.1	262.4	255.2	248.6	247.1	250.0	255.2	261.5	268.7
107.5°	210.6	240.8	254.3	256.7	249.4	242.5	240.4	242.5	247.1	253.1	260.0
110°	210.8	240.1	251.8	251.5	243.7	236.4	233.7	235.0	238.8	244.6	250.9



TEST NUMBER: P232018

CATALOG NUMBER: FVS4WM-3-LD4-40-1LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	210.5	238.2	247.8	244.9	236.3	228.3	224.6	224.7	227.3	232.0	238.1
115°	196.5	221.3	231.6	230.3	223.6	216.5	212.9	212.7	214.6	219.0	225.1
117.5°	182.5	204.6	215.3	215.5	210.6	204.6	201.0	200.8	202.5	206.1	211.7
120°	168.8	188.0	198.9	200.4	197.3	192.4	189.5	189.0	190.2	193.1	197.9
122.5°	155.2	171.7	182.4	185.1	183.6	180.1	177.8	177.2	177.9	180.0	183.8
125°	141.8	155.7	165.9	169.4	169.1	167.3	165.8	165.1	165.5	167.1	170.2
127.5°	128.7	140.0	149.3	153.3	154.1	153.9	153.4	152.9	153.3	154.5	156.7
130°	115.9	124.6	132.6	136.6	138.7	139.9	140.6	140.7	141.1	141.9	143.1
132.5°	103.3	109.6	115.7	119.7	122.8	125.1	127.0	128.0	129.5	131.7	134.6
135°	91.3	95.8	100.8	105.8	110.6	114.8	118.4	121.2	123.2	125.4	128.0
137.5°	85.1	89.6	94.7	99.6	104.5	108.6	112.1	115.2	117.0	118.9	121.2
140°	78.7	83.4	88.4	93.3	98.1	102.3	106.0	108.6	110.7	112.2	114.4
142.5°	72.2	77.1	81.9	86.8	91.5	95.9	99.6	102.3	104.6	105.8	107.3
145°	65.7	70.6	75.4	80.1	84.8	89.6	92.9	96.1	97.9	99.4	100.6
147.5°	59.0	63.9	68.7	73.3	77.8	82.2	86.1	89.3	91.6	93.0	94.1
150°	52.2	57.1	61.9	66.3	70.9	74.9	79.0	82.2	85.1	86.7	87.6
152.5°	45.6	50.1	54.7	59.1	63.3	67.3	71.3	74.9	77.6	80.3	81.3
155°	38.9	42.9	47.4	51.8	55.7	59.5	63.2	66.8	70.0	72.5	75.0
157.5°	32.1	35.8	40.2	44.6	48.6	52.3	56.0	59.4	62.8	65.8	68.2
160°	28.6	31.5	35.4	39.3	43.0	46.3	49.5	52.7	55.6	58.4	61.1
162.5°	25.1	27.6	30.6	33.9	37.2	40.3	43.1	45.8	48.4	50.9	53.2
165°	21.6	23.7	25.9	28.7	31.4	34.1	36.7	39.0	41.2	43.4	45.7
167.5°	18.0	19.8	21.6	23.5	25.8	27.9	30.1	32.1	34.0	35.8	37.6
170°	14.5	15.9	17.3	18.7	20.2	21.9	23.6	25.2	26.7	28.2	29.8
172.5°	10.9	12.0	13.0	14.1	15.1	16.1	17.2	18.3	19.5	20.6	21.7
175°	7.3	8.0	8.7	9.4	10.1	10.8	11.5	12.1	12.7	13.3	13.9
177.5°	3.6	4.0	4.4	4.7	5.1	5.4	5.7	6.1	6.4	6.7	7.0
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: P232018

CATALOG NUMBER: FVS4WM-3-LD4-40-1LO-P125-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°	7.2	7.5	7.7	7.9	8.2	8.4	8.5	8.7	8.9	9.0	9.1
5°	14.5	15.1	15.8	16.3	16.9	17.3	17.8	18.2	18.6	18.9	19.2
7.5°	22.7	23.7	24.6	25.4	26.2	26.9	27.6	28.2	28.8	29.3	29.7
10°	31.0	32.2	33.4	34.5	35.5	36.5	37.4	38.1	38.8	39.3	39.8
12.5°	39.2	40.8	42.2	43.5	44.6	45.7	46.7	47.6	48.4	49.0	49.6
15°	47.3	49.1	50.7	52.3	53.7	54.8	55.8	56.8	57.6	58.4	59.1
17.5°	55.4	57.8	59.1	60.6	62.0	63.4	64.6	65.7	66.8	67.9	69.0
20°	63.2	65.1	66.9	68.5	69.8	71.1	72.4	73.8	75.3	76.9	78.5
22.5°	70.4	72.4	73.5	74.8	76.2	77.7	79.4	81.2	83.3	85.8	88.4
25°	76.5	77.5	78.8	80.1	81.7	83.5	86.2	89.1	92.1	95.2	98.7
27.5°	81.9	82.4	83.0	84.4	87.1	90.1	93.7	97.2	101.1	105.0	109.1
30°	88.4	89.1	89.9	91.8	93.6	96.6	100.9	105.2	110.1	114.9	120.0
32.5°	95.0	96.3	98.4	100.6	103.5	106.4	109.7	113.4	119.1	125.9	132.7
35°	102.1	104.3	106.8	109.9	113.2	117.0	120.7	126.1	131.3	139.6	150.5
37.5°	109.6	112.1	115.4	119.0	123.1	128.1	134.2	141.2	151.2	161.8	172.1
40°	116.8	120.1	123.9	128.2	134.0	140.8	150.3	161.2	173.4	186.3	199.0
42.5°	124.3	127.8	132.4	138.5	145.9	156.7	168.5	183.1	198.6	212.7	227.5
45°	131.2	135.8	141.5	149.5	160.7	173.3	189.6	205.8	222.7	240.1	258.9
47.5°	138.5	143.3	151.7	162.5	175.7	193.0	210.7	228.9	249.1	270.1	291.1
50°	145.9	152.7	162.3	176.0	193.4	212.2	231.6	253.7	278.1	300.6	323.5
52.5°	160.2	166.8	177.0	190.8	211.7	231.0	254.0	280.5	305.4	330.9	356.4
55°	175.5	183.3	195.1	211.5	229.9	250.5	277.4	305.4	333.0	360.3	388.4
57.5°	190.2	199.7	213.2	230.5	249.5	274.4	301.7	330.4	359.2	388.4	418.6
60°	204.8	214.9	230.4	248.3	269.8	295.9	324.4	353.8	383.4	413.8	446.0
62.5°	219.4	230.4	246.1	264.4	288.6	315.6	344.8	374.8	404.3	435.4	470.3
65°	233.0	245.0	261.0	280.6	305.2	332.8	363.2	392.1	421.8	454.6	493.3
67.5°	245.7	258.2	274.4	295.4	320.3	348.5	378.5	406.0	435.9	473.1	522.2
70°	258.2	270.3	286.5	308.1	333.1	362.5	390.0	417.2	449.2	490.6	549.5
72.5°	269.0	281.7	298.0	319.2	344.0	375.8	398.6	425.3	460.5	510.3	571.4
75°	278.8	291.6	306.8	326.4	351.4	380.1	404.4	431.5	468.6	525.3	588.6
77.5°	288.4	300.4	313.6	331.6	355.8	382.1	407.6	438.4	481.6	538.6	602.4
80°	297.7	308.1	318.9	335.0	358.0	383.2	409.7	443.7	492.2	551.5	621.2
82.5°	306.7	315.0	322.8	337.0	358.2	383.2	410.5	447.2	499.5	560.6	634.5
85°	315.2	321.2	325.7	337.8	356.8	382.2	410.1	448.8	503.4	565.9	642.1
87.5°	323.7	327.1	328.0	337.9	354.5	380.8	409.1	449.5	505.6	569.2	646.7
90°	331.3	332.6	330.0	337.1	350.6	377.0	405.4	446.0	501.4	564.6	640.6
92.5°	323.7	327.1	328.0	337.9	354.5	380.8	409.1	449.5	505.6	569.2	646.7
95°	315.2	321.2	325.7	337.8	356.8	382.2	410.1	448.8	503.4	565.9	642.1
97.5°	306.7	315.0	322.8	337.0	358.2	383.2	410.5	447.2	499.5	560.6	634.5
100°	297.7	308.1	318.9	335.0	358.0	383.2	409.7	443.7	492.2	551.5	621.2
102.5°	288.4	300.4	313.6	331.6	355.8	382.1	407.6	438.4	481.6	538.6	602.4
105°	278.8	291.6	306.8	326.4	351.4	380.1	404.4	431.5	468.6	525.3	588.6
107.5°	269.0	281.7	298.0	319.2	344.0	375.8	398.6	425.3	460.5	510.3	571.4
110°	258.2	270.3	286.5	308.1	333.1	362.5	390.0	417.2	449.2	490.6	549.5



TEST NUMBER: P232018

CATALOG NUMBER: FVS4WM-3-LD4-40-1LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
112.5°	245.7	258.2	274.4	295.4	320.3	348.5	378.5	406.0	435.9	473.1	522.2
115°	233.0	245.0	261.0	280.6	305.2	332.8	363.2	392.1	421.8	454.6	493.3
117.5°	219.4	230.4	246.1	264.4	288.6	315.6	344.8	374.8	404.3	435.4	470.3
120°	204.8	214.9	230.4	248.3	269.8	295.9	324.4	353.8	383.4	413.8	446.0
122.5°	190.2	199.7	213.2	230.5	249.5	274.4	301.7	330.4	359.2	388.4	418.6
125°	175.5	183.3	195.1	211.5	229.9	250.5	277.4	305.4	333.0	360.3	388.4
127.5°	160.2	166.8	177.0	190.8	211.7	231.0	254.0	280.5	305.4	330.9	356.4
130°	145.9	152.7	162.3	176.0	193.4	212.2	231.6	253.7	278.1	300.6	323.5
132.5°	138.5	143.3	151.7	162.5	175.7	193.0	210.7	228.9	249.1	270.1	291.1
135°	131.2	135.8	141.5	149.5	160.7	173.3	189.6	205.8	222.7	240.1	258.9
137.5°	124.3	127.8	132.4	138.5	145.9	156.7	168.5	183.1	198.6	212.7	227.5
140°	116.8	120.1	123.9	128.2	134.0	140.8	150.3	161.2	173.4	186.3	199.0
142.5°	109.6	112.1	115.4	119.0	123.1	128.1	134.2	141.2	151.2	161.8	172.1
145°	102.1	104.3	106.8	109.9	113.2	117.0	120.7	126.1	131.3	139.6	150.5
147.5°	95.0	96.3	98.4	100.6	103.5	106.4	109.7	113.4	119.1	125.9	132.7
150°	88.4	89.1	89.9	91.8	93.6	96.6	100.9	105.2	110.1	114.9	120.0
152.5°	81.9	82.4	83.0	84.4	87.1	90.1	93.7	97.2	101.1	105.0	109.1
155°	76.5	77.5	78.8	80.1	81.7	83.5	86.2	89.1	92.1	95.2	98.7
157.5°	70.4	72.4	73.5	74.8	76.2	77.7	79.4	81.2	83.3	85.8	88.4
160°	63.2	65.1	66.9	68.5	69.8	71.1	72.4	73.8	75.3	76.9	78.5
162.5°	55.4	57.8	59.1	60.6	62.0	63.4	64.6	65.7	66.8	67.9	69.0
165°	47.3	49.1	50.7	52.3	53.7	54.8	55.8	56.8	57.6	58.4	59.1
167.5°	39.2	40.8	42.2	43.5	44.6	45.7	46.7	47.6	48.4	49.0	49.6
170°	31.0	32.2	33.4	34.5	35.5	36.5	37.4	38.1	38.8	39.3	39.8
172.5°	22.7	23.7	24.6	25.4	26.2	26.9	27.6	28.2	28.8	29.3	29.7
175°	14.5	15.1	15.7	16.3	16.9	17.3	17.8	18.2	18.6	18.9	19.2
177.5°	7.2	7.5	7.7	7.9	8.2	8.4	8.5	8.7	8.9	9.0	9.1
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: P232018

CATALOG NUMBER: FVS4WM-3-LD4-40-1LO-P125-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°	9.2	9.3	9.3	9.4	9.4	9.4	9.7	9.6	9.5	9.4	9.2
5°	19.5	19.7	19.9	20.0	20.1	20.1	20.2	20.1	20.3	20.1	19.8
7.5°	30.0	30.4	30.6	30.8	30.9	31.0	30.9	30.9	30.7	30.8	30.4
10°	40.2	40.5	40.7	40.9	41.0	40.9	40.9	40.7	40.4	40.4	39.9
12.5°	50.0	50.4	50.6	50.8	50.9	50.9	50.8	50.6	50.4	50.0	49.7
15°	59.9	60.6	61.2	61.8	62.4	62.8	63.1	63.3	63.4	63.4	63.6
17.5°	70.1	71.3	72.4	73.5	74.5	75.4	76.2	76.9	77.5	77.9	78.5
20°	80.1	81.9	83.8	85.6	87.3	88.8	90.2	91.5	92.6	93.4	94.6
22.5°	90.9	93.3	95.9	98.4	100.8	103.0	105.0	106.8	108.4	109.7	111.4
25°	102.0	105.3	108.4	111.7	114.8	117.7	120.4	122.9	125.1	127.0	128.6
27.5°	113.3	117.4	121.4	125.7	130.2	134.4	138.2	141.8	145.0	147.7	150.1
30°	125.6	131.4	137.0	142.5	148.9	154.7	159.9	164.5	168.4	171.7	174.4
32.5°	140.1	149.0	157.2	164.8	172.2	179.1	185.1	190.2	194.5	198.0	200.7
35°	160.7	171.2	181.3	190.4	198.5	205.8	211.8	216.7	220.5	223.3	225.1
37.5°	184.8	196.7	208.1	218.0	226.6	235.0	242.3	248.2	252.6	255.8	257.7
40°	212.0	225.3	238.5	250.7	261.2	271.2	280.9	289.3	296.4	302.0	305.9
42.5°	243.5	259.0	273.7	288.1	301.5	314.2	327.2	338.7	348.7	356.9	363.2
45°	277.0	294.6	310.9	328.6	345.9	364.0	378.6	394.0	407.5	419.0	428.3
47.5°	311.2	331.7	351.7	371.7	393.2	413.9	435.7	456.9	475.1	490.1	501.8
50°	346.9	370.1	394.1	417.9	448.0	476.9	504.6	532.3	555.5	574.1	588.0
52.5°	382.5	409.0	440.4	473.9	513.4	553.8	587.9	617.9	642.0	660.4	673.2
55°	417.4	451.4	489.6	535.1	583.6	634.9	674.9	700.2	719.2	733.7	743.6
57.5°	452.4	493.1	539.7	595.0	654.6	700.6	743.3	763.7	776.6	786.2	792.7
60°	485.0	531.6	590.1	649.0	704.2	750.2	785.8	807.8	819.3	828.3	834.7
62.5°	512.3	571.3	634.6	696.7	748.5	791.4	822.8	844.9	856.5	865.8	872.5
65°	546.8	608.2	677.3	740.4	793.5	835.2	859.3	877.2	888.4	896.7	902.9
67.5°	581.8	649.1	721.1	788.4	841.2	869.8	889.8	903.2	914.0	923.2	930.1
70°	613.8	687.2	762.4	833.8	873.9	896.5	913.1	926.1	937.8	946.6	953.1
72.5°	641.4	719.2	796.9	856.3	895.2	917.0	932.1	945.0	957.5	964.6	970.6
75°	665.1	744.3	819.5	878.6	915.3	932.7	946.8	960.4	971.4	978.9	985.7
77.5°	682.3	762.4	843.4	900.7	928.8	946.1	960.6	974.9	985.0	992.9	999.6
80°	699.3	780.7	863.0	919.2	940.8	958.5	972.7	985.4	996.5	1005.1	1012.3
82.5°	713.9	798.8	879.3	926.5	949.1	966.6	980.4	992.6	1003.7	1011.2	1020.6
85°	722.8	808.9	891.6	931.5	952.6	970.6	984.2	996.8	1008.0	1016.5	1027.2
87.5°	728.8	811.0	898.5	934.7	953.2	972.6	984.6	998.3	1009.8	1016.1	1027.7
90°	722.5	805.6	898.4	935.2	951.3	972.5	982.8	997.7	1008.0	1016.4	1025.4
92.5°	728.8	811.0	898.5	934.7	953.2	972.6	984.6	998.3	1009.8	1016.1	1027.7
95°	722.8	808.9	891.6	931.5	952.6	970.6	984.2	996.8	1008.0	1016.5	1027.2
97.5°	713.9	798.8	879.3	926.5	949.1	966.6	980.4	992.6	1003.7	1011.2	1020.6
100°	699.3	780.7	863.0	919.2	940.8	958.5	972.7	985.4	996.5	1005.1	1012.3
102.5°	682.3	762.4	843.4	900.7	928.8	946.1	960.6	974.9	985.0	992.9	999.6
105°	665.1	744.3	819.5	878.6	915.3	932.7	946.8	960.4	971.4	978.9	985.7
107.5°	641.4	719.2	796.9	856.3	895.2	917.0	932.1	945.0	957.5	964.6	970.6
110°	613.8	687.2	762.4	833.8	873.9	896.5	913.1	926.1	937.8	946.6	953.1



TEST NUMBER: P232018

CATALOG NUMBER: FVS4WM-3-LD4-40-1LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	581.8	649.1	721.1	788.4	841.2	869.8	889.8	903.2	914.0	923.2	930.1
115°	546.8	608.2	677.3	740.4	793.5	835.2	859.3	877.2	888.4	896.7	902.9
117.5°	512.3	571.3	634.6	696.7	748.5	791.4	822.8	844.9	856.5	865.8	872.5
120°	485.0	531.6	590.1	649.0	704.2	750.2	785.8	807.8	819.3	828.3	834.7
122.5°	452.4	493.1	539.7	595.0	654.6	700.6	743.3	763.7	776.6	786.2	792.7
125°	417.4	451.4	489.6	535.1	583.6	634.9	674.9	700.2	719.2	733.7	743.6
127.5°	382.5	409.0	440.4	473.9	513.4	553.8	587.9	617.9	642.0	660.4	673.2
130°	346.9	370.1	394.1	417.9	448.0	476.9	504.6	532.3	555.5	574.1	588.0
132.5°	311.2	331.7	351.7	371.7	393.2	413.9	435.7	456.9	475.1	490.1	501.8
135°	277.0	294.6	310.9	328.6	345.9	364.0	378.6	394.0	407.5	419.0	428.3
137.5°	243.5	259.0	273.7	288.1	301.5	314.2	327.2	338.7	348.7	356.9	363.2
140°	212.0	225.3	238.5	250.7	261.2	271.2	280.9	289.3	296.4	302.0	305.9
142.5°	184.8	196.7	208.1	218.0	226.6	235.0	242.3	248.2	252.6	255.8	257.7
145°	160.7	171.2	181.3	190.4	198.5	205.8	211.8	216.7	220.5	223.3	225.1
147.5°	140.1	149.0	157.2	164.8	172.2	179.1	185.1	190.2	194.5	198.0	200.7
150°	125.6	131.4	137.0	142.5	148.9	154.7	159.9	164.5	168.4	171.7	174.4
152.5°	113.3	117.4	121.4	125.7	130.2	134.4	138.2	141.8	145.0	147.7	150.1
155°	102.0	105.3	108.4	111.7	114.8	117.7	120.4	122.9	125.1	127.0	128.6
157.5°	90.9	93.3	95.9	98.4	100.8	103.0	105.0	106.8	108.4	109.7	111.4
160°	80.1	81.9	83.8	85.6	87.3	88.8	90.2	91.5	92.6	93.4	94.6
162.5°	70.1	71.3	72.4	73.5	74.5	75.4	76.2	76.9	77.5	77.9	78.5
165°	59.9	60.6	61.2	61.8	62.4	62.8	63.1	63.3	63.4	63.4	63.6
167.5°	50.0	50.4	50.6	50.8	50.9	50.9	50.8	50.6	50.4	50.0	49.7
170°	40.2	40.5	40.7	40.9	41.0	40.9	40.9	40.7	40.4	40.4	39.9
172.5°	30.0	30.4	30.6	30.8	30.9	31.0	30.9	30.9	30.7	30.8	30.4
175°	19.5	19.7	19.9	20.0	20.1	20.1	20.2	20.1	20.3	20.1	19.8
177.5°	9.2	9.3	9.3	9.4	9.4	9.4	9.7	9.6	9.5	9.4	9.2
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: P232018

CATALOG NUMBER: FVS4WM-3-LD4-40-1LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
0°	0.0	0.0
2.5°	9.1	9.0
5°	19.6	19.3
7.5°	30.0	29.6
10°	39.3	38.7
12.5°	49.0	48.3
15°	63.0	62.5
17.5°	78.2	78.0
20°	94.7	94.7
22.5°	111.7	112.1
25°	130.1	130.8
27.5°	152.2	153.4
30°	176.8	177.9
32.5°	202.9	203.7
35°	226.4	226.2
37.5°	258.8	257.8
40°	309.1	308.7
42.5°	368.6	369.3
45°	436.5	438.9
47.5°	511.9	514.9
50°	599.6	602.0
52.5°	683.1	683.2
55°	751.2	750.2
57.5°	797.5	795.9
60°	839.7	838.5
62.5°	876.3	877.1
65°	906.8	908.1
67.5°	934.4	935.8
70°	957.1	958.4
72.5°	975.5	978.3
75°	992.4	997.0
77.5°	1006.6	1010.6
80°	1018.5	1020.9
82.5°	1027.6	1033.8
85°	1030.6	1035.0
87.5°	1034.6	1040.8
90°	1028.6	1038.9
92.5°	1034.6	1040.8
95°	1030.6	1035.0
97.5°	1027.6	1033.8
100°	1018.5	1020.9
102.5°	1006.6	1010.6
105°	992.4	997.0
107.5°	975.5	978.3
110°	957.1	958.4





TEST NUMBER: P232018

CATALOG NUMBER: FVS4WM-3-LD4-40-1LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
112.5°	934.4	935.8
115°	906.8	908.1
117.5°	876.3	877.1
120°	839.7	838.5
122.5°	797.5	795.9
125°	751.2	750.2
127.5°	683.1	683.2
130°	599.6	602.0
132.5°	511.9	514.9
135°	436.5	438.9
137.5°	368.6	369.3
140°	309.1	308.7
142.5°	258.8	257.8
145°	226.4	226.2
147.5°	202.9	203.7
150°	176.8	177.9
152.5°	152.2	153.4
155°	130.1	130.8
157.5°	111.7	112.1
160°	94.7	94.7
162.5°	78.2	78.0
165°	63.0	62.5
167.5°	49.0	48.3
170°	39.3	38.7
172.5°	30.0	29.6
175°	19.6	19.3
177.5°	9.1	9.0
180°	0.0	0.0

(END OF REPORT)