

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: P232017

Luminaire Tested: **FVS4WM-3-LD4-35-1LO-P125-UNV-EDC1**

Issue Date: 3/3/2020



**Test Information**

Test Method: LM-79-08  
Report Number: P232017  
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-LD4-35-1LO-P125-UNV-EDC1  
Description: FAILSAFE FVS LED FIXTURE  
3FT LENGTH, 1-MODULE LED WITH P125 LENS  
Light Source: (84) 3500K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

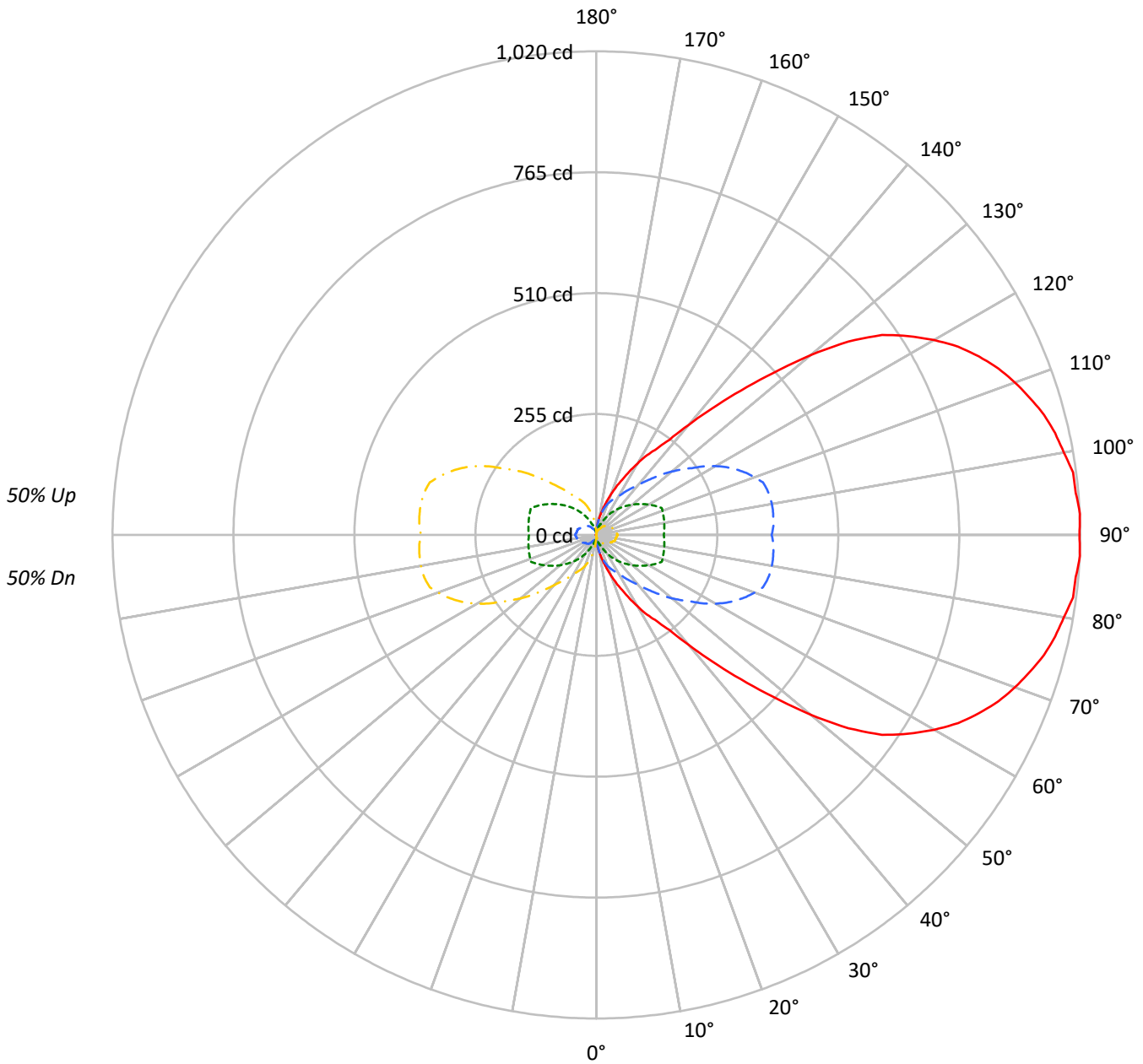
Lumens per Lamp: N/A  
Luminaire Lumens: 2427.9 lumens  
Efficiency: N/A  
Efficacy: 114.0 lumens/watt  
Spacing Criteria (0/90/45): - / - / -  
Luminous Opening: Rectangular w/ Sides (W: 2.92' x L: 0.19' x H: 0.31')  
CIE Type: General Diffuse

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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### Luminous Intensity Polar Plot



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



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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

RF	20				20				20				20				20	
RC	80				70				50				30				10	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	107	107	107	107	99	99	99	99	83	83	83	69	69	69	56	56	56	50
1	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°	328	110	0	110
10°	585	220	0	220
15°	863	335	0	335
20°	1211	454	0	454
25°	1567	662	0	662
30°	2020	970	0	970
35°	2458	1310	0	1310
40°	3242	1697	0	1697
45°	4491	2145	0	2145
50°	6050	2702	0	2702
55°	7465	3384	0	3384
60°	8324	4243	0	4243
65°	9063	5378	0	5378
70°	9690	6593	6	6593
75°	10294	7975	6	7975
80°	10852	10237	0	10237
85°	11428	14588	0	14588



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	1.2	0.0
10°-20°	8.4	0.3
20°-30°	23.6	1.0
30°-40°	51.3	2.1
40°-50°	99.6	4.1
50°-60°	172.9	7.1
60°-70°	244.4	10.1
70°-80°	293.9	12.1
80°-90°	318.6	13.1
90°-100°	318.6	13.1
100°-110°	293.9	12.1
110°-120°	244.4	10.1
120°-130°	172.9	7.1
130°-140°	99.6	4.1
140°-150°	51.3	2.1
150°-160°	23.6	1.0
160°-170°	8.4	0.3
170°-180°	1.2	0.0
0°-30°	33.3	1.4
0°-40°	84.5	3.5
0°-60°	357.1	14.7
0°-90°	1214.0	50.0
90°-120°	856.9	35.3
90°-150°	1180.7	48.6
90°-180°	1214.0	50.0
0°-180°	2427.9	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	0	0	0	0	0	
5°	19	6	0	6	19	2
15°	61	17	0	17	61	19
25°	128	32	0	32	128	62
35°	222	59	0	59	222	145
45°	430	85	0	85	430	341
55°	735	114	0	114	735	650
65°	890	142	0	142	890	881
75°	977	147	1	147	977	1031
85°	1015	144	0	144	1015	827
90°	1018	142	0	142	1018	559
95°	1015	144	0	144	1015	827
105°	977	147	1	147	977	1031
115°	890	142	0	142	890	881
125°	735	114	0	114	735	650
135°	430	85	0	85	430	341
145°	222	59	0	59	222	145
155°	128	32	0	32	128	62
165°	61	17	0	17	61	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°	8.8	8.9	9.0	9.2	9.3	9.4	9.5	9.2	9.2	9.2	9.1
5°	19.0	19.3	19.5	19.8	20.0	19.8	19.8	19.8	19.8	19.7	19.5
7.5°	29.1	29.5	29.9	30.3	30.2	30.3	30.4	30.4	30.4	30.2	30.1
10°	37.9	38.5	39.0	39.6	39.6	39.9	40.0	40.1	40.1	40.1	39.9
12.5°	47.4	48.1	48.8	49.0	49.4	49.7	49.8	49.9	49.9	49.8	49.6
15°	61.3	61.8	62.4	62.2	62.2	62.1	61.9	61.6	61.2	60.7	60.1
17.5°	76.4	76.6	76.9	76.3	75.9	75.3	74.7	73.9	73.0	72.1	71.0
20°	92.9	92.8	92.8	91.6	90.8	89.7	88.5	87.1	85.5	83.9	82.1
22.5°	109.9	109.6	109.2	107.5	106.2	104.7	102.9	100.9	98.8	96.5	94.0
25°	128.2	127.5	126.0	124.5	122.6	120.4	118.0	115.4	112.5	109.5	106.3
27.5°	150.4	149.3	147.2	144.9	142.1	139.0	135.5	131.7	127.6	123.2	119.0
30°	174.4	173.3	171.0	168.4	165.1	161.2	156.8	151.7	146.0	139.7	134.3
32.5°	199.6	198.8	196.6	194.0	190.6	186.4	181.4	175.5	168.8	161.6	154.1
35°	221.7	221.9	220.6	218.9	216.1	212.4	207.6	201.7	194.6	186.6	177.7
37.5°	252.7	253.7	252.6	250.7	247.7	243.3	237.5	230.4	222.1	213.7	204.0
40°	302.6	303.0	299.9	296.0	290.5	283.6	275.4	265.8	256.1	245.8	233.8
42.5°	362.0	361.3	356.0	349.9	341.8	332.0	320.7	308.0	295.6	282.5	268.4
45°	430.2	427.8	419.8	410.7	399.4	386.1	371.1	356.8	339.0	322.1	304.8
47.5°	504.8	501.9	492.0	480.5	465.7	447.9	427.1	405.6	385.4	364.3	344.8
50°	590.0	587.7	576.4	562.7	544.5	521.8	494.7	467.4	439.1	409.5	386.3
52.5°	669.6	669.5	659.9	647.3	629.3	605.6	576.3	542.9	503.2	464.5	431.7
55°	735.3	736.3	728.9	719.2	705.0	686.3	661.5	622.4	572.1	524.5	479.9
57.5°	780.2	781.7	777.0	770.7	761.2	748.6	728.6	686.8	641.6	583.2	529.1
60°	821.9	823.1	818.2	812.0	803.1	791.8	770.2	735.4	690.3	636.2	578.4
62.5°	859.8	859.0	855.3	848.7	839.6	828.2	806.5	775.6	733.6	682.9	622.1
65°	890.1	888.9	885.1	879.0	870.9	859.9	842.3	818.7	777.8	725.7	663.9
67.5°	917.3	915.9	911.7	905.0	896.0	885.4	872.2	852.6	824.6	772.8	706.8
70°	939.4	938.1	934.2	927.9	919.3	907.9	895.1	878.8	856.6	817.3	747.3
72.5°	959.0	956.2	951.5	945.5	938.5	926.3	913.6	898.9	877.5	839.4	781.2
75°	977.3	972.8	966.2	959.6	952.2	941.4	928.0	914.3	897.3	861.2	803.3
77.5°	990.6	986.7	979.8	973.3	965.5	955.6	941.6	927.4	910.4	882.9	826.7
80°	1000.7	998.4	992.3	985.2	976.8	965.9	953.4	939.5	922.1	901.0	845.9
82.5°	1013.3	1007.2	1000.4	991.2	983.9	972.9	961.0	947.5	930.3	908.2	861.9
85°	1014.6	1010.2	1006.9	996.4	988.1	977.0	964.8	951.4	933.7	913.1	874.0
87.5°	1020.3	1014.2	1007.4	996.1	989.9	978.5	965.2	953.4	934.3	916.3	880.8
90°	1018.4	1008.3	1005.1	996.3	988.0	977.9	963.4	953.3	932.5	916.7	880.7
92.5°	1020.3	1014.2	1007.4	996.1	989.9	978.5	965.2	953.4	934.3	916.3	880.8
95°	1014.6	1010.2	1006.9	996.4	988.1	977.0	964.8	951.4	933.7	913.1	874.0
97.5°	1013.3	1007.2	1000.4	991.2	983.9	972.9	961.0	947.5	930.3	908.2	861.9
100°	1000.7	998.4	992.3	985.2	976.8	965.9	953.4	939.5	922.1	901.0	845.9
102.5°	990.6	986.7	979.8	973.3	965.5	955.6	941.6	927.4	910.4	882.9	826.7
105°	977.3	972.8	966.2	959.6	952.2	941.4	928.0	914.3	897.3	861.2	803.3
107.5°	959.0	956.2	951.5	945.5	938.5	926.3	913.6	898.9	877.5	839.4	781.2
110°	939.4	938.1	934.2	927.9	919.3	907.9	895.1	878.8	856.6	817.3	747.3



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**CANDELA DISTRIBUTION (continued):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
112.5°	917.3	915.9	911.7	905.0	896.0	885.4	872.2	852.6	824.6	772.8	706.8
115°	890.1	888.9	885.1	879.0	870.9	859.9	842.3	818.7	777.8	725.7	663.9
117.5°	859.8	859.0	855.3	848.7	839.6	828.2	806.5	775.6	733.6	682.9	622.1
120°	821.9	823.1	818.2	812.0	803.1	791.8	770.2	735.4	690.3	636.2	578.4
122.5°	780.2	781.7	777.0	770.7	761.2	748.6	728.6	686.8	641.7	583.2	529.1
125°	735.3	736.3	728.9	719.2	705.0	686.3	661.5	622.4	572.1	524.5	479.9
127.5°	669.6	669.5	659.9	647.3	629.3	605.6	576.3	542.9	503.2	464.5	431.7
130°	590.0	587.7	576.4	562.7	544.5	521.8	494.7	467.4	439.1	409.5	386.3
132.5°	504.8	501.9	492.0	480.5	465.7	447.9	427.1	405.6	385.4	364.3	344.8
135°	430.2	427.8	419.8	410.7	399.4	386.1	371.1	356.8	339.0	322.1	304.8
137.5°	362.0	361.3	356.0	349.9	341.8	332.0	320.7	308.0	295.6	282.5	268.4
140°	302.6	303.0	299.9	296.0	290.5	283.6	275.4	265.8	256.1	245.8	233.8
142.5°	252.7	253.7	252.6	250.7	247.7	243.3	237.5	230.4	222.1	213.7	204.0
145°	221.7	221.9	220.6	218.9	216.1	212.4	207.6	201.7	194.6	186.6	177.7
147.5°	199.6	198.8	196.6	194.0	190.6	186.4	181.4	175.5	168.8	161.6	154.1
150°	174.4	173.3	171.0	168.4	165.1	161.2	156.8	151.7	146.0	139.7	134.3
152.5°	150.4	149.3	147.2	144.9	142.1	139.0	135.5	131.7	127.6	123.2	119.0
155°	128.2	127.5	126.0	124.5	122.6	120.4	118.0	115.4	112.5	109.5	106.3
157.5°	109.9	109.6	109.2	107.5	106.2	104.7	102.9	100.9	98.8	96.5	94.0
160°	92.9	92.8	92.8	91.6	90.8	89.7	88.5	87.1	85.5	83.9	82.1
162.5°	76.4	76.6	76.9	76.3	75.9	75.3	74.7	73.9	73.0	72.1	71.0
165°	61.3	61.8	62.4	62.2	62.2	62.1	61.9	61.6	61.2	60.7	60.1
167.5°	47.4	48.1	48.8	49.0	49.4	49.7	49.8	49.9	49.9	49.8	49.6
170°	37.9	38.5	39.0	39.6	39.6	39.9	40.0	40.1	40.1	40.1	39.9
172.5°	29.1	29.5	29.9	30.3	30.2	30.3	30.4	30.4	30.4	30.2	30.1
175°	19.0	19.3	19.5	19.8	20.0	19.8	19.8	19.8	19.8	19.7	19.5
177.5°	8.8	8.9	9.0	9.2	9.3	9.4	9.5	9.2	9.2	9.2	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



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**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	9.1	9.0	8.9	8.8	8.7	8.5	8.4	8.2	8.0	7.8	7.6
5°	19.4	19.2	18.9	18.6	18.3	17.9	17.5	17.0	16.5	16.0	15.4
7.5°	29.8	29.5	29.2	28.7	28.3	27.7	27.1	26.5	25.8	25.0	24.1
10°	39.7	39.4	39.0	38.6	38.0	37.4	36.7	35.8	34.9	33.9	32.8
12.5°	49.4	49.0	48.6	48.0	47.4	46.7	45.8	44.8	43.8	42.6	41.4
15°	59.4	58.7	58.0	57.3	56.5	55.7	54.7	53.7	52.6	51.2	49.7
17.5°	69.9	68.8	67.7	66.6	65.5	64.4	63.3	62.1	60.8	59.5	58.0
20°	80.2	78.5	77.0	75.4	73.9	72.3	71.0	69.7	68.4	67.2	65.6
22.5°	91.5	89.1	86.6	84.1	81.6	79.6	77.9	76.2	74.7	73.3	72.1
25°	103.2	100.0	96.7	93.3	90.2	87.3	84.5	81.8	80.1	78.5	77.3
27.5°	115.1	111.1	107.0	102.9	99.1	95.2	91.8	88.3	85.3	82.7	81.3
30°	128.8	123.0	117.6	112.6	107.8	103.1	98.9	94.7	91.7	90.0	88.1
32.5°	146.1	137.4	130.1	123.4	116.7	111.1	107.5	104.3	101.4	98.5	96.4
35°	167.8	157.5	147.5	136.9	128.7	123.6	118.2	114.6	110.9	107.7	104.6
37.5°	192.8	181.1	168.6	158.5	148.2	138.5	131.6	125.5	120.7	116.7	113.1
40°	220.8	207.9	195.0	182.6	170.0	158.0	147.3	138.0	131.3	125.7	121.4
42.5°	253.9	238.7	223.0	208.5	194.7	179.5	165.2	153.6	143.0	135.7	129.8
45°	288.8	271.5	253.8	235.4	218.3	201.8	185.9	169.8	157.5	146.5	138.7
47.5°	325.1	305.1	285.3	264.8	244.1	224.4	206.5	189.2	172.2	159.3	148.7
50°	362.7	340.0	317.1	294.7	272.7	248.7	227.1	208.0	189.5	172.5	159.1
52.5°	400.9	374.9	349.3	324.3	299.3	275.0	249.0	226.5	207.5	187.0	173.5
55°	442.4	409.1	380.7	353.2	326.4	299.4	271.9	245.6	225.4	207.3	191.2
57.5°	483.3	443.5	410.4	380.7	352.1	323.9	295.8	269.0	244.6	226.0	209.0
60°	521.1	475.5	437.1	405.6	375.8	346.8	318.0	290.1	264.5	243.4	225.8
62.5°	560.0	502.2	461.0	426.8	396.3	367.4	338.0	309.4	282.9	259.2	241.2
65°	596.2	536.0	483.5	445.6	413.5	384.3	356.0	326.2	299.2	275.1	255.8
67.5°	636.2	570.3	511.9	463.7	427.3	397.9	371.0	341.6	314.0	289.5	269.0
70°	673.6	601.6	538.7	480.9	440.3	408.9	382.2	355.3	326.5	302.0	280.9
72.5°	705.0	628.7	560.1	500.2	451.4	416.9	390.6	368.3	337.1	312.9	292.1
75°	729.6	651.9	577.0	514.9	459.4	423.0	396.4	372.5	344.5	319.9	300.7
77.5°	747.4	668.8	590.5	528.0	472.1	429.8	399.6	374.5	348.7	325.0	307.4
80°	765.3	685.5	609.0	540.6	482.5	434.9	401.6	375.6	350.9	328.4	312.6
82.5°	783.0	699.8	622.0	549.5	489.6	438.3	402.4	375.6	351.1	330.3	316.4
85°	792.9	708.5	629.4	554.7	493.5	439.9	402.0	374.7	349.8	331.1	319.3
87.5°	795.0	714.4	634.0	557.9	495.6	440.6	401.0	373.3	347.5	331.2	321.6
90°	789.7	708.2	628.0	553.4	491.5	437.2	397.4	369.6	343.7	330.4	323.5
92.5°	795.0	714.4	634.0	557.9	495.6	440.6	401.0	373.3	347.5	331.2	321.6
95°	792.9	708.5	629.4	554.7	493.5	439.9	402.0	374.7	349.8	331.1	319.3
97.5°	783.0	699.8	622.0	549.5	489.6	438.3	402.4	375.6	351.1	330.3	316.4
100°	765.3	685.5	609.0	540.6	482.5	434.9	401.6	375.6	350.9	328.4	312.6
102.5°	747.4	668.8	590.5	528.0	472.1	429.8	399.6	374.5	348.7	325.0	307.4
105°	729.6	651.9	577.0	514.9	459.4	423.0	396.4	372.5	344.5	319.9	300.7
107.5°	705.0	628.7	560.1	500.2	451.4	416.9	390.6	368.3	337.1	312.9	292.1
110°	673.6	601.6	538.7	480.9	440.3	408.9	382.2	355.3	326.5	302.0	280.9





TEST NUMBER: P232017

CATALOG NUMBER: FVS4WM-3-LD4-35-1LO-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°	636.2	570.3	511.9	463.7	427.3	397.9	371.0	341.6	314.0	289.5	269.0
115°	596.2	536.0	483.5	445.6	413.5	384.3	356.0	326.2	299.2	275.1	255.8
117.5°	560.0	502.2	461.0	426.8	396.3	367.4	338.0	309.4	282.9	259.2	241.2
120°	521.1	475.5	437.1	405.6	375.8	346.8	318.0	290.1	264.5	243.4	225.8
122.5°	483.3	443.5	410.4	380.7	352.1	323.9	295.8	269.0	244.6	226.0	209.0
125°	442.4	409.1	380.7	353.2	326.4	299.4	271.9	245.6	225.4	207.3	191.2
127.5°	400.9	374.9	349.3	324.3	299.3	275.0	249.0	226.5	207.5	187.0	173.5
130°	362.7	340.0	317.1	294.7	272.7	248.7	227.1	208.0	189.5	172.5	159.1
132.5°	325.1	305.1	285.3	264.8	244.1	224.4	206.5	189.2	172.2	159.3	148.7
135°	288.8	271.5	253.8	235.4	218.3	201.8	185.9	169.8	157.5	146.5	138.7
137.5°	253.9	238.7	223.0	208.5	194.7	179.5	165.2	153.6	143.0	135.7	129.8
140°	220.8	207.9	195.0	182.6	170.0	158.0	147.3	138.0	131.3	125.7	121.4
142.5°	192.8	181.1	168.6	158.5	148.2	138.5	131.6	125.5	120.7	116.7	113.1
145°	167.8	157.5	147.5	136.9	128.7	123.6	118.2	114.6	110.9	107.7	104.6
147.5°	146.1	137.4	130.1	123.4	116.7	111.1	107.5	104.3	101.4	98.5	96.4
150°	128.8	123.0	117.6	112.6	107.8	103.1	98.9	94.7	91.7	90.0	88.1
152.5°	115.1	111.1	107.0	102.9	99.1	95.2	91.8	88.3	85.3	82.7	81.3
155°	103.2	100.0	96.7	93.3	90.2	87.3	84.5	81.8	80.1	78.5	77.3
157.5°	91.5	89.1	86.6	84.1	81.6	79.6	77.9	76.2	74.7	73.3	72.1
160°	80.2	78.5	77.0	75.4	73.9	72.3	71.0	69.7	68.4	67.2	65.6
162.5°	69.9	68.8	67.7	66.6	65.5	64.4	63.3	62.1	60.8	59.5	58.0
165°	59.4	58.7	58.0	57.3	56.5	55.7	54.7	53.7	52.6	51.2	49.7
167.5°	49.4	49.0	48.6	48.0	47.4	46.7	45.8	44.8	43.8	42.6	41.4
170°	39.7	39.4	39.0	38.6	38.0	37.4	36.7	35.8	34.9	33.9	32.8
172.5°	29.8	29.5	29.2	28.7	28.3	27.7	27.1	26.5	25.8	25.0	24.1
175°	19.4	19.2	18.9	18.6	18.3	17.9	17.5	17.0	16.5	16.0	15.4
177.5°	9.1	9.0	8.9	8.8	8.7	8.5	8.4	8.2	8.0	7.8	7.6
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: P232017

CATALOG NUMBER: FVS4WM-3-LD4-35-1LO-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°	7.3	7.1	6.8	6.5	6.2	5.9	5.6	5.3	5.0	4.6	4.3
5°	14.8	14.2	13.6	13.0	12.4	11.8	11.2	10.6	9.9	9.2	8.5
7.5°	23.2	22.3	21.3	20.2	19.1	18.0	16.8	15.8	14.8	13.8	12.8
10°	31.6	30.4	29.2	27.7	26.2	24.7	23.1	21.4	19.7	18.3	17.0
12.5°	40.0	38.4	36.8	35.2	33.4	31.5	29.5	27.4	25.2	23.0	21.1
15°	48.1	46.4	44.8	42.5	40.4	38.2	36.0	33.4	30.8	28.1	25.4
17.5°	56.6	54.3	52.2	49.9	47.5	44.9	42.2	39.5	36.5	33.3	30.0
20°	63.9	62.0	59.9	57.2	54.5	51.6	48.5	45.4	42.1	38.5	34.7
22.5°	71.0	69.1	66.9	64.6	61.6	58.3	54.8	51.3	47.6	43.7	39.4
25°	76.0	75.0	73.6	71.1	68.7	65.5	62.0	58.3	54.6	50.8	46.5
27.5°	80.8	80.3	79.7	78.7	76.1	73.5	69.8	66.0	62.0	57.9	53.7
30°	87.3	86.6	85.9	85.0	83.4	80.6	77.5	73.4	69.5	65.0	60.7
32.5°	94.4	93.1	92.2	91.1	89.8	87.6	84.4	80.6	76.2	71.8	67.3
35°	102.2	100.0	98.6	97.4	96.0	94.2	91.1	87.8	83.1	78.5	73.9
37.5°	109.9	107.4	105.1	103.7	102.5	100.3	97.6	94.0	89.7	85.1	80.3
40°	117.8	114.5	112.1	110.0	108.5	106.5	103.9	100.3	96.2	91.4	86.6
42.5°	125.3	121.8	118.8	116.5	114.6	112.8	109.9	106.5	102.4	97.7	92.8
45°	133.1	128.7	125.5	122.9	120.7	118.8	116.1	112.5	108.4	103.7	98.9
47.5°	140.5	135.8	131.9	129.2	126.9	125.4	124.5	122.6	120.4	117.4	113.4
50°	149.7	143.0	140.3	139.1	138.3	137.9	137.8	137.1	136.0	133.9	130.0
52.5°	163.5	157.0	153.7	151.5	150.3	149.9	150.3	150.9	151.1	150.2	146.3
55°	179.7	172.0	166.9	163.8	162.3	161.8	162.5	164.0	165.8	166.1	162.6
57.5°	195.7	186.5	180.2	176.5	174.5	173.7	174.3	176.5	180.0	181.4	178.8
60°	210.6	200.8	194.0	189.3	186.5	185.3	185.7	188.6	193.5	196.5	194.9
62.5°	225.9	215.1	207.5	202.1	198.5	196.8	197.0	200.5	206.5	211.2	211.0
65°	240.2	228.4	220.7	214.7	210.4	208.5	208.6	212.2	219.2	225.8	227.0
67.5°	253.1	240.8	233.4	227.4	222.8	220.3	220.2	223.8	231.6	240.1	242.9
70°	264.9	253.1	245.9	239.7	234.1	230.4	229.1	231.7	238.9	246.5	246.8
72.5°	276.1	263.6	254.8	248.1	242.2	237.7	235.7	237.7	244.5	251.7	249.3
75°	285.8	273.3	263.3	256.3	250.2	245.1	242.3	243.7	250.2	257.2	252.0
77.5°	294.4	282.7	271.7	264.2	258.1	252.6	248.9	249.7	256.1	263.2	255.0
80°	302.0	291.8	279.9	272.0	265.9	260.0	255.4	255.8	262.1	269.4	258.0
82.5°	308.7	300.6	287.9	279.5	273.5	267.4	262.0	262.0	268.3	275.8	261.9
85°	314.9	309.0	295.8	286.9	281.0	275.0	268.7	268.1	274.3	282.6	264.5
87.5°	320.6	317.2	303.5	294.3	288.5	282.2	275.2	274.6	280.9	288.8	267.2
90°	326.0	324.7	310.8	301.3	295.7	289.3	281.8	281.1	287.4	295.0	269.8
92.5°	320.6	317.2	303.5	294.3	288.5	282.2	275.2	274.6	280.9	288.8	267.2
95°	314.9	309.0	295.8	286.9	281.0	275.0	268.7	268.1	274.3	282.6	264.5
97.5°	308.7	300.6	287.9	279.5	273.5	267.4	262.0	262.0	268.3	275.8	261.9
100°	302.0	291.8	279.9	272.0	265.9	260.0	255.4	255.8	262.1	269.4	258.0
102.5°	294.4	282.7	271.7	264.2	258.1	252.6	248.9	249.7	256.1	263.2	255.0
105°	285.8	273.3	263.3	256.3	250.2	245.1	242.3	243.7	250.2	257.2	252.0
107.5°	276.1	263.6	254.8	248.1	242.2	237.7	235.7	237.7	244.5	251.7	249.3
110°	264.9	253.1	245.9	239.7	234.1	230.4	229.1	231.7	238.9	246.5	246.8



TEST NUMBER: P232017

CATALOG NUMBER: FVS4WM-3-LD4-35-1LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	253.1	240.8	233.4	227.4	222.8	220.3	220.2	223.8	231.6	240.1	242.9
115°	240.2	228.4	220.7	214.7	210.4	208.5	208.6	212.2	219.2	225.8	227.0
117.5°	225.9	215.1	207.5	202.1	198.5	196.8	197.0	200.5	206.5	211.2	211.0
120°	210.6	200.8	194.0	189.3	186.5	185.3	185.7	188.6	193.5	196.5	194.9
122.5°	195.7	186.5	180.2	176.5	174.5	173.7	174.3	176.5	180.0	181.4	178.8
125°	179.7	172.0	166.9	163.8	162.3	161.8	162.5	164.0	165.8	166.1	162.6
127.5°	163.5	157.0	153.7	151.5	150.3	149.9	150.3	150.9	151.1	150.2	146.3
130°	149.7	143.0	140.3	139.1	138.3	137.9	137.8	137.1	136.0	133.9	130.0
132.5°	140.5	135.8	131.9	129.2	126.9	125.4	124.5	122.6	120.4	117.4	113.4
135°	133.1	128.7	125.5	122.9	120.7	118.8	116.1	112.5	108.4	103.7	98.9
137.5°	125.3	121.8	118.8	116.5	114.6	112.8	109.9	106.5	102.4	97.7	92.8
140°	117.8	114.5	112.1	110.0	108.5	106.5	103.9	100.3	96.2	91.4	86.6
142.5°	109.9	107.4	105.1	103.7	102.5	100.3	97.6	94.0	89.7	85.1	80.3
145°	102.2	100.0	98.6	97.4	96.0	94.2	91.1	87.8	83.1	78.5	73.9
147.5°	94.4	93.1	92.2	91.1	89.8	87.6	84.4	80.6	76.2	71.8	67.3
150°	87.3	86.6	85.9	85.0	83.4	80.6	77.5	73.4	69.5	65.0	60.7
152.5°	80.8	80.3	79.7	78.7	76.1	73.5	69.8	66.0	62.0	57.9	53.7
155°	76.0	75.0	73.6	71.1	68.7	65.5	62.0	58.3	54.6	50.8	46.5
157.5°	71.0	69.1	66.9	64.6	61.6	58.3	54.8	51.3	47.6	43.7	39.4
160°	63.9	62.0	59.9	57.2	54.5	51.6	48.5	45.4	42.1	38.5	34.7
162.5°	56.6	54.3	52.2	49.9	47.5	44.9	42.2	39.5	36.5	33.3	30.0
165°	48.1	46.4	44.8	42.5	40.4	38.2	36.0	33.4	30.8	28.1	25.4
167.5°	40.0	38.4	36.8	35.2	33.4	31.5	29.5	27.4	25.2	23.0	21.1
170°	31.6	30.4	29.2	27.7	26.2	24.7	23.1	21.4	19.7	18.3	17.0
172.5°	23.2	22.3	21.3	20.2	19.1	18.0	16.8	15.8	14.8	13.8	12.8
175°	14.8	14.2	13.6	13.0	12.4	11.8	11.2	10.6	9.9	9.2	8.5
177.5°	7.3	7.1	6.8	6.5	6.2	5.9	5.6	5.3	5.0	4.6	4.3
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: P232017

CATALOG NUMBER: FVS4WM-3-LD4-35-1LO-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°	3.9	3.6	3.2	2.8	2.8	2.8	2.7	2.7	2.7	2.6	2.6
5°	7.8	7.1	6.4	5.6	5.6	5.5	5.4	5.3	5.2	5.1	5.0
7.5°	11.7	10.6	9.5	8.4	8.3	8.2	8.0	7.9	7.7	7.5	7.3
10°	15.6	14.2	12.7	11.2	11.0	10.8	10.6	10.3	10.0	9.8	9.5
12.5°	19.4	17.7	15.9	14.1	13.7	13.4	13.0	12.6	12.3	12.0	11.7
15°	23.2	21.1	19.0	16.9	16.4	15.9	15.4	14.9	14.6	14.2	13.9
17.5°	27.0	24.6	22.2	19.7	19.1	18.4	17.7	17.2	16.8	16.4	16.0
20°	30.9	28.1	25.3	22.5	21.7	20.8	20.0	19.5	19.0	18.5	18.1
22.5°	35.1	31.5	28.4	25.3	24.3	23.2	22.4	21.8	21.2	20.7	20.2
25°	42.0	38.1	35.1	32.0	31.1	30.1	29.3	28.5	27.6	26.6	25.5
27.5°	49.1	44.7	41.7	38.6	38.0	37.1	36.7	36.1	35.3	34.2	32.7
30°	55.9	51.2	48.3	45.3	44.9	44.3	44.2	43.9	42.9	41.7	39.6
32.5°	62.6	57.8	54.8	52.0	51.9	51.7	51.8	51.6	50.5	48.8	46.0
35°	69.2	64.4	61.3	58.6	58.9	59.1	59.6	59.3	58.2	55.5	52.2
37.5°	75.5	70.8	67.7	65.3	66.0	66.6	67.5	67.0	65.9	61.9	57.8
40°	81.7	77.2	74.0	72.0	73.1	74.2	75.5	74.8	72.6	68.0	63.0
42.5°	87.8	83.4	80.3	78.6	80.2	81.9	83.6	82.5	79.2	74.1	67.9
45°	93.9	89.6	86.6	85.3	87.4	89.6	91.4	90.3	85.6	79.3	72.6
47.5°	107.4	101.3	96.0	92.4	92.5	93.2	93.7	92.4	87.1	81.1	74.7
50°	122.1	113.6	105.7	99.5	97.4	96.4	95.3	92.8	86.9	80.6	74.4
52.5°	137.2	126.2	115.5	106.6	102.1	99.3	96.7	92.9	86.7	80.4	74.4
55°	152.6	139.0	125.5	113.7	106.7	102.0	97.9	93.0	86.5	80.3	74.8
57.5°	168.3	152.1	135.6	120.7	111.2	104.5	99.0	93.1	86.5	80.5	75.6
60°	184.3	165.4	145.8	127.8	115.5	106.8	99.9	93.3	86.7	81.0	76.8
62.5°	200.5	178.9	156.1	134.9	119.8	109.0	100.8	93.5	87.0	81.8	78.7
65°	216.9	192.5	166.5	142.0	123.9	111.0	101.5	93.7	87.4	82.9	80.9
67.5°	233.4	206.3	177.0	149.1	128.0	112.9	102.2	94.0	87.9	84.1	83.3
70°	235.3	206.6	176.5	148.3	127.0	111.9	101.3	93.3	87.4	84.1	84.2
72.5°	236.0	206.4	175.9	147.5	126.0	110.9	100.3	92.5	86.7	83.6	83.9
75°	236.6	206.1	176.2	146.8	125.0	110.0	99.4	91.8	86.1	83.1	83.5
77.5°	237.1	205.6	175.2	146.0	124.0	109.1	98.6	91.2	85.5	82.7	83.0
80°	237.4	206.0	174.1	145.2	123.1	108.2	97.8	90.7	85.0	82.3	82.5
82.5°	238.4	204.9	173.1	144.4	122.3	107.5	97.1	90.2	84.5	81.9	82.0
85°	237.9	203.8	172.0	143.7	121.5	106.8	96.5	89.8	84.1	81.5	81.4
87.5°	237.4	202.6	171.0	142.9	120.7	106.1	95.9	89.4	83.7	81.2	80.8
90°	236.9	201.5	169.9	142.1	120.0	105.5	95.4	89.1	83.4	80.9	80.2
92.5°	237.4	202.6	171.0	142.9	120.7	106.1	95.9	89.4	83.7	81.2	80.8
95°	237.9	203.8	172.0	143.7	121.5	106.8	96.5	89.8	84.1	81.5	81.4
97.5°	238.4	204.9	173.1	144.4	122.3	107.5	97.1	90.2	84.5	81.9	82.0
100°	237.4	206.0	174.1	145.2	123.1	108.2	97.8	90.7	85.0	82.3	82.5
102.5°	237.1	205.6	175.2	146.0	124.0	109.1	98.6	91.2	85.5	82.7	83.0
105°	236.6	206.1	176.2	146.8	125.0	110.0	99.4	91.8	86.1	83.1	83.5
107.5°	236.0	206.4	175.9	147.5	126.0	110.9	100.3	92.5	86.7	83.6	83.9
110°	235.3	206.6	176.5	148.3	127.0	111.9	101.3	93.3	87.4	84.1	84.2



TEST NUMBER: P232017

CATALOG NUMBER: FVS4WM-3-LD4-35-1LO-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°	233.4	206.3	177.0	149.1	128.0	112.9	102.2	94.0	87.9	84.1	83.3
115°	216.9	192.5	166.5	142.0	123.9	111.0	101.5	93.7	87.4	82.9	80.9
117.5°	200.5	178.9	156.1	134.9	119.8	109.0	100.8	93.5	87.0	81.8	78.7
120°	184.3	165.4	145.8	127.8	115.5	106.8	99.9	93.3	86.7	81.0	76.8
122.5°	168.3	152.1	135.6	120.7	111.2	104.5	99.0	93.1	86.5	80.5	75.6
125°	152.6	139.0	125.5	113.7	106.7	102.0	97.9	93.0	86.5	80.3	74.8
127.5°	137.2	126.2	115.5	106.6	102.1	99.3	96.7	92.9	86.7	80.4	74.4
130°	122.1	113.6	105.7	99.5	97.4	96.4	95.3	92.8	86.9	80.6	74.4
132.5°	107.4	101.3	96.0	92.4	92.5	93.2	93.7	92.4	87.1	81.1	74.7
135°	93.9	89.6	86.6	85.3	87.4	89.6	91.4	90.3	85.6	79.3	72.6
137.5°	87.8	83.4	80.3	78.6	80.2	81.9	83.6	82.5	79.2	74.1	67.9
140°	81.7	77.2	74.0	72.0	73.1	74.2	75.5	74.8	72.6	68.0	63.0
142.5°	75.5	70.8	67.7	65.3	66.0	66.6	67.5	67.0	65.9	61.9	57.8
145°	69.2	64.4	61.3	58.6	58.9	59.1	59.6	59.3	58.2	55.5	52.2
147.5°	62.6	57.8	54.8	52.0	51.9	51.7	51.8	51.6	50.5	48.8	46.0
150°	55.9	51.2	48.3	45.3	44.9	44.3	44.2	43.9	42.9	41.7	39.6
152.5°	49.1	44.7	41.7	38.6	38.0	37.1	36.7	36.1	35.3	34.2	32.7
155°	42.0	38.1	35.1	32.0	31.1	30.1	29.3	28.5	27.6	26.6	25.5
157.5°	35.1	31.5	28.4	25.3	24.3	23.2	22.4	21.8	21.2	20.7	20.2
160°	30.9	28.1	25.3	22.5	21.7	20.8	20.0	19.5	19.0	18.5	18.1
162.5°	27.0	24.6	22.2	19.7	19.1	18.4	17.7	17.2	16.8	16.4	16.0
165°	23.2	21.1	19.0	16.9	16.4	15.9	15.4	14.9	14.6	14.2	13.9
167.5°	19.4	17.7	15.9	14.1	13.7	13.4	13.0	12.6	12.3	12.0	11.7
170°	15.6	14.2	12.7	11.2	11.0	10.8	10.6	10.3	10.0	9.8	9.5
172.5°	11.7	10.6	9.5	8.4	8.3	8.2	8.0	7.9	7.7	7.5	7.3
175°	7.8	7.1	6.4	5.6	5.6	5.5	5.4	5.3	5.2	5.1	5.0
177.5°	3.9	3.6	3.2	2.8	2.8	2.8	2.7	2.7	2.7	2.6	2.6
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: P232017

CATALOG NUMBER: FVS4WM-3-LD4-35-1LO-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°	2.5	2.5	2.4	2.4	2.3	2.2	2.2	2.1	2.0	1.9	1.8
5°	4.9	4.8	4.7	4.5	4.4	4.2	4.1	4.0	3.8	3.7	3.5
7.5°	7.1	6.9	6.8	6.6	6.4	6.2	6.0	5.8	5.5	5.3	5.1
10°	9.3	9.1	8.8	8.6	8.3	8.0	7.8	7.5	7.2	6.9	6.6
12.5°	11.4	11.1	10.8	10.5	10.2	9.9	9.6	9.2	8.9	8.5	8.1
15°	13.5	13.2	12.8	12.5	12.1	11.7	11.3	10.9	10.5	10.0	9.5
17.5°	15.6	15.2	14.8	14.4	13.9	13.5	13.0	12.4	11.9	11.3	10.7
20°	17.6	17.2	16.7	16.2	15.7	15.1	14.4	13.8	13.1	12.4	11.7
22.5°	19.7	19.2	18.6	18.0	17.3	16.5	15.7	15.0	14.2	13.4	12.7
25°	24.1	22.7	21.2	19.6	18.7	17.8	16.9	16.0	15.3	14.6	13.9
27.5°	30.9	29.1	27.0	24.9	22.8	20.7	18.9	17.3	16.6	15.6	14.6
30°	37.3	34.7	32.1	29.6	27.0	24.8	22.8	20.9	18.9	16.9	15.4
32.5°	43.1	39.9	36.8	33.7	30.9	28.5	26.2	23.8	21.5	19.6	17.8
35°	48.4	44.6	40.9	37.4	34.5	31.7	28.9	26.3	24.0	22.0	20.3
37.5°	53.3	48.9	44.5	41.0	37.6	34.4	31.3	28.6	26.2	24.2	22.3
40°	57.8	52.7	48.1	44.1	40.3	36.7	33.5	30.7	28.3	26.0	23.8
42.5°	62.0	56.1	51.4	47.0	42.7	38.9	35.5	32.7	30.0	27.5	25.2
45°	65.8	59.7	54.4	49.5	44.9	40.8	37.4	34.3	31.4	28.8	26.4
47.5°	68.2	62.7	57.2	51.8	46.9	42.7	39.0	35.8	32.7	29.8	27.2
50°	68.3	63.6	59.0	54.2	49.2	44.5	40.6	37.0	33.7	30.7	27.9
52.5°	69.3	65.2	61.4	57.4	53.0	48.4	43.7	38.9	34.5	31.4	28.5
55°	70.8	67.6	64.5	61.3	57.1	52.4	47.3	42.1	37.4	33.0	29.1
57.5°	72.7	70.5	68.4	65.7	61.6	56.3	50.6	45.1	40.0	35.2	31.1
60°	75.0	74.0	72.9	70.2	65.8	60.1	53.8	47.9	42.3	37.2	32.9
62.5°	77.9	78.0	77.9	75.0	70.0	63.6	56.9	50.5	44.2	39.2	34.4
65°	81.3	82.5	83.3	80.1	74.2	67.1	59.9	52.8	46.3	41.0	35.7
67.5°	85.0	87.3	88.3	85.0	78.5	70.5	62.7	54.9	48.4	42.6	37.2
70°	86.8	90.4	92.1	89.2	82.4	73.8	65.5	56.9	50.5	44.2	38.8
72.5°	86.3	89.9	91.2	88.6	82.7	75.1	66.9	58.7	52.4	45.8	40.5
75°	85.7	89.3	90.7	88.4	83.0	75.6	67.3	59.2	52.4	46.3	41.2
77.5°	85.0	88.7	90.3	88.7	83.8	76.4	67.9	59.7	52.5	46.4	41.2
80°	84.2	88.0	90.1	89.3	84.9	77.5	68.8	60.3	52.8	46.7	41.5
82.5°	83.3	87.3	90.0	90.2	86.3	78.7	70.0	61.0	53.3	47.2	42.0
85°	82.3	86.5	89.9	91.2	87.9	80.3	71.5	61.9	54.0	47.9	42.7
87.5°	81.2	85.6	89.8	92.4	89.7	82.0	73.2	63.0	55.0	48.8	43.7
90°	80.2	84.7	89.7	93.5	91.6	84.0	75.2	64.4	56.2	49.9	44.9
92.5°	81.2	85.6	89.8	92.4	89.7	82.0	73.2	63.0	55.0	48.8	43.7
95°	82.3	86.5	89.9	91.2	87.9	80.3	71.5	61.9	54.0	47.9	42.7
97.5°	83.3	87.3	90.0	90.2	86.3	78.7	70.0	61.0	53.3	47.2	42.0
100°	84.2	88.0	90.1	89.3	84.9	77.5	68.8	60.3	52.8	46.7	41.5
102.5°	85.0	88.7	90.3	88.7	83.8	76.4	67.9	59.7	52.5	46.4	41.2
105°	85.7	89.3	90.7	88.4	83.0	75.6	67.3	59.2	52.4	46.3	41.2
107.5°	86.3	89.9	91.2	88.6	82.7	75.1	66.9	58.7	52.4	45.8	40.5
110°	86.8	90.4	92.1	89.2	82.4	73.8	65.5	56.9	50.5	44.2	38.8



TEST NUMBER: P232017

CATALOG NUMBER: FVS4WM-3-LD4-35-1LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	85.0	87.3	88.3	85.0	78.5	70.5	62.7	54.9	48.4	42.6	37.2
115°	81.3	82.5	83.3	80.1	74.2	67.1	59.9	52.8	46.3	41.0	35.7
117.5°	77.9	78.0	77.9	75.0	70.0	63.6	56.9	50.5	44.2	39.2	34.4
120°	75.0	74.0	72.9	70.2	65.8	60.1	53.8	47.9	42.3	37.2	32.9
122.5°	72.7	70.5	68.4	65.7	61.6	56.3	50.6	45.1	40.0	35.2	31.1
125°	70.8	67.6	64.5	61.3	57.1	52.4	47.3	42.1	37.4	33.0	29.1
127.5°	69.3	65.2	61.4	57.4	53.0	48.4	43.7	38.9	34.5	31.4	28.5
130°	68.3	63.6	59.0	54.2	49.2	44.5	40.6	37.0	33.7	30.7	27.9
132.5°	68.2	62.7	57.2	51.8	46.9	42.7	39.0	35.8	32.7	29.8	27.2
135°	65.8	59.7	54.4	49.5	44.9	40.8	37.4	34.3	31.4	28.8	26.4
137.5°	62.0	56.1	51.4	47.0	42.7	38.9	35.5	32.7	30.0	27.5	25.2
140°	57.8	52.7	48.1	44.1	40.3	36.7	33.5	30.7	28.3	26.0	23.8
142.5°	53.3	48.9	44.5	41.0	37.6	34.4	31.3	28.6	26.2	24.2	22.3
145°	48.4	44.6	40.9	37.4	34.5	31.7	28.9	26.3	24.0	22.0	20.3
147.5°	43.1	39.9	36.8	33.7	30.9	28.5	26.2	23.8	21.5	19.6	17.8
150°	37.3	34.7	32.1	29.6	27.0	24.8	22.8	20.9	18.9	16.9	15.4
152.5°	30.9	29.1	27.0	24.9	22.8	20.7	18.9	17.3	16.6	15.6	14.6
155°	24.1	22.7	21.2	19.6	18.7	17.8	16.9	16.0	15.3	14.6	13.9
157.5°	19.7	19.2	18.6	18.0	17.3	16.5	15.7	15.0	14.2	13.4	12.7
160°	17.6	17.2	16.7	16.2	15.7	15.1	14.4	13.8	13.1	12.4	11.7
162.5°	15.6	15.2	14.8	14.4	13.9	13.5	13.0	12.4	11.9	11.3	10.7
165°	13.5	13.2	12.8	12.5	12.1	11.7	11.3	10.9	10.5	10.0	9.5
167.5°	11.4	11.1	10.8	10.5	10.2	9.9	9.6	9.2	8.9	8.5	8.1
170°	9.3	9.1	8.8	8.6	8.3	8.0	7.8	7.5	7.2	6.9	6.6
172.5°	7.1	6.9	6.8	6.6	6.4	6.2	6.0	5.8	5.5	5.3	5.1
175°	4.9	4.8	4.7	4.5	4.4	4.2	4.1	4.0	3.8	3.7	3.5
177.5°	2.5	2.5	2.4	2.4	2.3	2.2	2.2	2.1	2.0	1.9	1.8
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: P232017

CATALOG NUMBER: FVS4WM-3-LD4-35-1LO-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°	3.3	3.2	3.0	2.8	2.6	2.4	2.2	2.0	1.8	1.6	1.4
7.5°	4.8	4.6	4.3	4.1	3.8	3.5	3.3	3.0	2.7	2.4	2.1
10°	6.3	6.0	5.6	5.3	4.9	4.6	4.2	3.9	3.5	3.1	2.7
12.5°	7.7	7.3	6.9	6.5	6.0	5.6	5.1	4.7	4.2	3.7	3.3
15°	9.0	8.5	8.0	7.4	6.9	6.4	5.8	5.3	4.8	4.2	3.7
17.5°	10.1	9.5	8.8	8.2	7.6	7.0	6.5	5.9	5.3	4.7	4.2
20°	11.0	10.3	9.7	9.1	8.5	7.9	7.2	6.5	5.9	5.2	4.5
22.5°	12.1	11.4	10.7	9.9	9.2	8.4	7.6	6.9	6.3	5.6	4.9
25°	13.0	12.1	11.3	10.5	9.7	9.0	8.3	7.5	6.8	6.1	5.4
27.5°	13.6	12.9	12.1	11.3	10.6	9.9	9.1	8.4	7.6	6.7	5.9
30°	14.6	13.8	13.1	12.4	11.6	10.7	9.8	8.9	8.0	7.2	6.3
32.5°	16.3	15.0	14.3	13.3	12.3	11.4	10.6	9.7	8.8	7.9	6.9
35°	18.7	16.9	15.3	14.1	13.3	12.4	11.4	10.4	9.3	8.3	7.3
37.5°	20.3	18.5	17.0	15.7	14.2	13.1	12.1	11.1	10.1	9.1	8.0
40°	21.9	20.1	18.4	16.8	15.3	14.1	13.1	11.9	10.7	9.5	8.3
42.5°	23.2	21.2	19.4	17.8	16.5	15.1	13.7	12.4	11.2	9.9	8.6
45°	24.1	22.1	20.3	18.7	17.1	15.6	14.1	12.8	11.7	10.6	9.4
47.5°	24.9	22.8	20.9	19.1	17.3	15.7	14.5	13.5	12.5	10.9	9.3
50°	25.5	23.3	21.2	19.2	17.3	16.0	14.7	13.3	12.0	10.9	9.5
52.5°	25.9	23.6	21.2	19.1	17.4	15.8	14.2	12.9	11.8	10.7	9.4
55°	26.2	23.5	21.0	19.0	17.1	15.3	13.9	12.7	11.5	10.3	9.3
57.5°	27.2	23.4	20.8	18.6	16.6	15.0	13.7	12.4	11.1	10.0	8.8
60°	28.5	24.8	21.2	18.1	16.3	14.8	13.5	12.0	10.7	9.5	8.2
62.5°	29.9	26.0	22.3	19.2	16.6	14.8	13.0	11.6	10.3	9.0	7.7
65°	31.3	27.1	23.5	20.4	17.7	15.0	12.7	11.3	9.9	8.8	7.8
67.5°	32.6	28.2	24.7	21.4	18.3	15.5	13.3	11.3	10.0	8.9	7.2
70°	33.9	29.6	25.8	22.2	18.9	16.2	13.9	11.9	10.3	8.3	6.7
72.5°	35.2	31.0	26.8	22.9	19.6	16.8	14.4	12.3	10.0	8.1	6.4
75°	36.3	32.4	27.7	23.6	20.3	17.5	14.8	12.3	10.0	7.9	5.7
77.5°	36.6	32.4	28.1	24.3	21.1	18.2	15.0	12.4	9.9	7.2	5.0
80°	37.0	32.7	28.4	24.7	21.4	18.2	15.1	12.5	9.6	6.3	4.3
82.5°	37.6	33.1	29.0	25.2	21.7	18.1	15.0	12.3	9.0	5.8	3.4
85°	38.3	33.8	29.9	25.9	22.1	18.2	15.1	12.1	8.5	5.5	2.9
87.5°	39.3	34.8	30.9	26.7	22.6	18.4	15.3	12.2	8.4	5.5	2.9
90°	40.4	36.0	32.2	27.8	23.4	19.0	15.8	12.6	8.8	5.7	3.2
92.5°	39.3	34.8	30.9	26.7	22.6	18.4	15.3	12.2	8.4	5.5	2.9
95°	38.3	33.8	29.9	25.9	22.1	18.2	15.1	12.1	8.5	5.5	2.9
97.5°	37.6	33.1	29.0	25.2	21.7	18.1	15.0	12.3	9.0	5.8	3.4
100°	37.0	32.7	28.4	24.7	21.4	18.2	15.1	12.5	9.6	6.3	4.3
102.5°	36.6	32.4	28.1	24.3	21.1	18.2	15.0	12.4	9.9	7.2	5.0
105°	36.3	32.4	27.7	23.6	20.3	17.5	14.8	12.3	10.0	7.9	5.7
107.5°	35.2	31.0	26.8	22.9	19.6	16.8	14.4	12.3	10.0	8.1	6.4
110°	33.9	29.6	25.8	22.2	18.9	16.2	13.9	11.9	10.3	8.3	6.7





TEST NUMBER: P232017

CATALOG NUMBER: FVS4WM-3-LD4-35-1LO-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°	32.6	28.2	24.7	21.4	18.3	15.5	13.3	11.3	10.0	8.9	7.2
115°	31.3	27.1	23.5	20.4	17.7	15.0	12.7	11.3	9.9	8.8	7.8
117.5°	29.9	26.0	22.3	19.2	16.6	14.8	13.0	11.6	10.3	9.0	7.7
120°	28.5	24.8	21.2	18.1	16.3	14.8	13.5	12.0	10.7	9.5	8.2
122.5°	27.2	23.4	20.8	18.6	16.6	15.0	13.7	12.4	11.1	10.0	8.8
125°	26.2	23.5	21.0	19.0	17.1	15.3	13.9	12.7	11.5	10.3	9.3
127.5°	25.9	23.6	21.2	19.1	17.4	15.8	14.2	12.9	11.8	10.7	9.4
130°	25.5	23.3	21.2	19.2	17.3	16.0	14.7	13.3	12.0	10.9	9.5
132.5°	24.9	22.8	20.9	19.1	17.3	15.7	14.5	13.5	12.5	10.9	9.3
135°	24.1	22.1	20.3	18.7	17.1	15.6	14.1	12.8	11.7	10.6	9.4
137.5°	23.2	21.2	19.4	17.8	16.5	15.1	13.7	12.4	11.2	9.9	8.6
140°	21.9	20.1	18.4	16.8	15.3	14.1	13.1	11.9	10.7	9.5	8.3
142.5°	20.3	18.5	17.0	15.7	14.2	13.1	12.1	11.1	10.1	9.1	8.0
145°	18.7	16.9	15.3	14.1	13.3	12.4	11.4	10.4	9.3	8.3	7.3
147.5°	16.3	15.0	14.3	13.3	12.3	11.4	10.6	9.7	8.8	7.9	6.9
150°	14.6	13.8	13.1	12.4	11.6	10.7	9.8	8.9	8.0	7.2	6.3
152.5°	13.6	12.9	12.1	11.3	10.6	9.9	9.1	8.4	7.6	6.7	5.9
155°	13.0	12.1	11.3	10.5	9.7	9.0	8.3	7.5	6.8	6.1	5.4
157.5°	12.1	11.4	10.7	9.9	9.2	8.4	7.6	6.9	6.3	5.6	4.9
160°	11.0	10.3	9.7	9.1	8.5	7.9	7.2	6.5	5.9	5.2	4.5
162.5°	10.1	9.5	8.8	8.2	7.6	7.0	6.5	5.9	5.3	4.7	4.2
165°	9.0	8.5	8.0	7.4	6.9	6.4	5.8	5.3	4.8	4.2	3.7
167.5°	7.7	7.3	6.9	6.5	6.0	5.6	5.1	4.7	4.2	3.7	3.3
170°	6.3	6.0	5.6	5.3	4.9	4.6	4.2	3.9	3.5	3.1	2.7
172.5°	4.8	4.6	4.3	4.1	3.8	3.5	3.3	3.0	2.7	2.4	2.1
175°	3.3	3.2	3.0	2.8	2.6	2.4	2.2	2.0	1.8	1.6	1.4
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: P232017

CATALOG NUMBER: FVS4WM-3-LD4-35-1LO-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	0.5	0.4	0.3	0.2	0.1	0.0	0.1	0.2	0.3	0.4
5°	1.2	1.0	0.8	0.6	0.4	0.2	0.0	0.2	0.4	0.6	0.8
7.5°	1.8	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	2.3	1.9	1.4	0.9	0.5	0.0	0.5	0.9	1.4	1.9
15°	3.2	2.6	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	3.2	2.6	1.9	1.3	0.6	0.0	0.6	1.3	1.9	2.6
22.5°	4.2	3.5	2.8	2.1	1.4	0.7	0.0	0.7	1.4	2.1	2.8
25°	4.6	3.9	3.1	2.4	1.6	0.8	0.0	0.8	1.6	2.4	3.1
27.5°	5.0	4.2	3.4	2.5	1.7	0.8	0.0	0.8	1.7	2.5	3.4
30°	5.5	4.6	3.7	2.8	1.9	0.9	0.0	0.9	1.9	2.8	3.7
32.5°	5.9	4.9	3.9	3.0	2.0	1.0	0.0	1.0	2.0	3.0	3.9
35°	6.3	5.3	4.3	3.2	2.2	1.1	0.0	1.1	2.2	3.2	4.3
37.5°	6.8	5.7	4.5	3.4	2.3	1.1	0.0	1.1	2.3	3.4	4.5
40°	7.1	5.9	4.7	3.5	2.4	1.2	0.0	1.2	2.4	3.5	4.7
42.5°	7.5	6.3	5.1	3.8	2.6	1.3	0.0	1.3	2.6	3.8	5.1
45°	7.9	6.5	5.2	3.8	2.5	1.3	0.0	1.3	2.5	3.8	5.2
47.5°	7.9	6.6	5.2	3.9	2.6	1.3	0.0	1.3	2.6	3.9	5.2
50°	8.1	6.6	5.2	3.8	2.5	1.3	0.0	1.3	2.5	3.8	5.2
52.5°	7.9	6.5	5.2	3.9	2.6	1.3	0.0	1.3	2.6	3.9	5.2
55°	8.0	6.5	5.1	3.7	2.4	1.2	0.0	1.2	2.4	3.7	5.1
57.5°	7.7	6.2	4.7	3.4	2.2	1.1	0.0	1.1	2.2	3.4	4.7
60°	7.0	5.7	4.5	3.3	2.2	1.1	0.0	1.1	2.2	3.3	4.5
62.5°	6.7	5.7	4.3	3.1	2.0	0.9	0.0	0.9	2.0	3.1	4.3
65°	6.3	5.0	3.7	2.6	1.6	0.8	0.0	0.8	1.6	2.6	3.7
67.5°	5.7	4.3	3.1	2.2	1.4	0.7	0.0	0.7	1.4	2.2	3.1
70°	5.2	3.9	2.7	1.7	1.1	0.8	0.6	0.8	1.1	1.7	2.7
72.5°	4.7	3.3	2.0	1.3	1.1	0.8	0.6	0.8	1.1	1.3	2.0
75°	4.3	2.8	1.7	1.1	0.8	0.6	0.6	0.6	0.8	1.1	1.7
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°	4.3	2.8	1.7	1.1	0.8	0.6	0.6	0.6	0.8	1.1	1.7
107.5°	4.7	3.3	2.0	1.3	1.1	0.8	0.6	0.8	1.1	1.3	2.0
110°	5.2	3.9	2.7	1.7	1.1	0.8	0.6	0.8	1.1	1.7	2.7



TEST NUMBER: P232017

CATALOG NUMBER: FVS4WM-3-LD4-35-1LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	5.7	4.3	3.1	2.2	1.4	0.7	0.0	0.7	1.4	2.2	3.1
115°	6.3	5.0	3.7	2.6	1.6	0.8	0.0	0.8	1.6	2.6	3.7
117.5°	6.7	5.7	4.3	3.1	2.0	0.9	0.0	0.9	2.0	3.1	4.3
120°	7.0	5.7	4.5	3.3	2.2	1.1	0.0	1.1	2.2	3.3	4.5
122.5°	7.7	6.2	4.7	3.4	2.2	1.1	0.0	1.1	2.2	3.4	4.7
125°	8.0	6.5	5.1	3.7	2.4	1.2	0.0	1.2	2.4	3.7	5.1
127.5°	7.9	6.5	5.2	3.9	2.6	1.3	0.0	1.3	2.6	3.9	5.2
130°	8.1	6.6	5.2	3.8	2.5	1.3	0.0	1.3	2.5	3.8	5.2
132.5°	7.9	6.6	5.2	3.9	2.6	1.3	0.0	1.3	2.6	3.9	5.2
135°	7.9	6.5	5.2	3.8	2.5	1.3	0.0	1.3	2.5	3.8	5.2
137.5°	7.5	6.3	5.1	3.8	2.6	1.3	0.0	1.3	2.6	3.8	5.1
140°	7.1	5.9	4.7	3.5	2.4	1.2	0.0	1.2	2.4	3.5	4.7
142.5°	6.8	5.7	4.5	3.4	2.3	1.1	0.0	1.1	2.3	3.4	4.5
145°	6.3	5.3	4.3	3.2	2.2	1.1	0.0	1.1	2.2	3.2	4.3
147.5°	5.9	4.9	3.9	3.0	2.0	1.0	0.0	1.0	2.0	3.0	3.9
150°	5.5	4.6	3.7	2.8	1.9	0.9	0.0	0.9	1.9	2.8	3.7
152.5°	5.0	4.2	3.4	2.5	1.7	0.8	0.0	0.8	1.7	2.5	3.4
155°	4.6	3.9	3.1	2.4	1.6	0.8	0.0	0.8	1.6	2.4	3.1
157.5°	4.2	3.5	2.8	2.1	1.4	0.7	0.0	0.7	1.4	2.1	2.8
160°	3.9	3.2	2.6	1.9	1.3	0.6	0.0	0.6	1.3	1.9	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	2.6	2.1	1.6	1.1	0.5	0.0	0.5	1.1	1.6	2.1
167.5°	2.8	2.3	1.9	1.4	0.9	0.5	0.0	0.5	0.9	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°	1.8	1.5	1.2	0.9	0.6	0.3	0.0	0.3	0.6	0.9	1.2
175°	1.2	1.0	0.8	0.6	0.4	0.2	0.0	0.2	0.4	0.6	0.8
177.5°	0.7	0.5	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: P232017

CATALOG NUMBER: FVS4WM-3-LD4-35-1LO-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°	0.5	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6
5°	1.0	1.2	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.8	3.0
7.5°	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.5	3.8	4.1	4.3
10°	2.0	2.4	2.7	3.1	3.5	3.9	4.2	4.6	4.9	5.3	5.6
12.5°	2.3	2.8	3.3	3.7	4.2	4.7	5.1	5.6	6.0	6.5	6.9
15°	2.6	3.2	3.7	4.2	4.8	5.3	5.8	6.4	6.9	7.4	8.0
17.5°	3.0	3.6	4.2	4.7	5.3	5.9	6.5	7.0	7.6	8.2	8.8
20°	3.2	3.9	4.5	5.2	5.9	6.5	7.2	7.9	8.5	9.1	9.7
22.5°	3.5	4.2	4.9	5.6	6.3	6.9	7.6	8.4	9.2	9.9	10.7
25°	3.9	4.6	5.4	6.1	6.8	7.5	8.3	9.0	9.7	10.5	11.3
27.5°	4.2	5.0	5.9	6.7	7.6	8.4	9.1	9.9	10.6	11.3	12.1
30°	4.6	5.5	6.3	7.2	8.0	8.9	9.8	10.7	11.6	12.4	13.1
32.5°	4.9	5.9	6.9	7.9	8.8	9.7	10.6	11.4	12.3	13.3	14.3
35°	5.3	6.3	7.3	8.3	9.3	10.4	11.4	12.4	13.3	14.1	15.3
37.5°	5.7	6.8	8.0	9.1	10.1	11.1	12.1	13.1	14.2	15.7	17.0
40°	5.9	7.1	8.3	9.5	10.7	11.9	13.1	14.1	15.3	16.8	18.4
42.5°	6.3	7.5	8.6	9.9	11.2	12.4	13.7	15.1	16.5	17.8	19.4
45°	6.5	7.9	9.4	10.6	11.7	12.8	14.1	15.6	17.1	18.7	20.3
47.5°	6.6	7.9	9.3	10.9	12.5	13.5	14.5	15.7	17.3	19.1	20.9
50°	6.6	8.1	9.5	10.9	12.0	13.3	14.7	16.0	17.3	19.2	21.2
52.5°	6.5	7.9	9.4	10.7	11.8	12.9	14.2	15.8	17.4	19.1	21.2
55°	6.5	8.0	9.3	10.3	11.5	12.7	13.9	15.3	17.1	19.0	21.0
57.5°	6.2	7.7	8.8	10.0	11.1	12.4	13.7	15.0	16.6	18.6	20.8
60°	5.7	7.0	8.2	9.5	10.7	12.0	13.5	14.8	16.3	18.1	21.2
62.5°	5.7	6.7	7.7	9.0	10.3	11.6	13.0	14.8	16.6	19.2	22.3
65°	5.0	6.3	7.8	8.8	9.9	11.3	12.7	15.0	17.7	20.4	23.5
67.5°	4.3	5.7	7.2	8.9	10.0	11.3	13.3	15.5	18.3	21.4	24.7
70°	3.9	5.2	6.7	8.3	10.3	11.9	13.9	16.2	18.9	22.2	25.8
72.5°	3.3	4.7	6.4	8.1	10.0	12.3	14.4	16.8	19.6	22.9	26.8
75°	2.8	4.3	5.7	7.9	10.0	12.3	14.8	17.5	20.3	23.6	27.7
77.5°	2.0	3.5	5.0	7.2	9.9	12.4	15.0	18.2	21.1	24.3	28.1
80°	1.1	2.3	4.3	6.3	9.6	12.5	15.1	18.2	21.4	24.7	28.4
82.5°	0.5	1.5	3.4	5.8	9.0	12.3	15.0	18.1	21.7	25.2	29.0
85°	0.2	1.1	2.9	5.5	8.5	12.1	15.1	18.2	22.1	25.9	29.9
87.5°	0.1	0.8	2.9	5.5	8.4	12.2	15.3	18.4	22.6	26.7	30.9
90°	0.0	0.6	3.2	5.7	8.8	12.6	15.8	19.0	23.4	27.8	32.2
92.5°	0.1	0.8	2.9	5.5	8.4	12.2	15.3	18.4	22.6	26.7	30.9
95°	0.2	1.1	2.9	5.5	8.5	12.1	15.1	18.2	22.1	25.9	29.9
97.5°	0.5	1.5	3.4	5.8	9.0	12.3	15.0	18.1	21.7	25.2	29.0
100°	1.1	2.3	4.3	6.3	9.6	12.5	15.1	18.2	21.4	24.7	28.4
102.5°	2.0	3.5	5.0	7.2	9.9	12.4	15.0	18.2	21.1	24.3	28.1
105°	2.8	4.3	5.7	7.9	10.0	12.3	14.8	17.5	20.3	23.6	27.7
107.5°	3.3	4.7	6.4	8.1	10.0	12.3	14.4	16.8	19.6	22.9	26.8
110°	3.9	5.2	6.7	8.3	10.3	11.9	13.9	16.2	18.9	22.2	25.8



TEST NUMBER: P232017

CATALOG NUMBER: FVS4WM-3-LD4-35-1LO-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°	4.3	5.7	7.2	8.9	10.0	11.3	13.3	15.5	18.3	21.4	24.7
115°	5.0	6.3	7.8	8.8	9.9	11.3	12.7	15.0	17.7	20.4	23.5
117.5°	5.7	6.7	7.7	9.0	10.3	11.6	13.0	14.8	16.6	19.2	22.3
120°	5.7	7.0	8.2	9.5	10.7	12.0	13.5	14.8	16.3	18.1	21.2
122.5°	6.2	7.7	8.8	10.0	11.1	12.4	13.7	15.0	16.6	18.6	20.8
125°	6.5	8.0	9.3	10.3	11.5	12.7	13.9	15.3	17.1	19.0	21.0
127.5°	6.5	7.9	9.4	10.7	11.8	12.9	14.2	15.8	17.4	19.1	21.2
130°	6.6	8.1	9.5	10.9	12.0	13.3	14.7	16.0	17.3	19.2	21.2
132.5°	6.6	7.9	9.3	10.9	12.5	13.5	14.5	15.7	17.3	19.1	20.9
135°	6.5	7.9	9.4	10.6	11.7	12.8	14.1	15.6	17.1	18.7	20.3
137.5°	6.3	7.5	8.6	9.9	11.2	12.4	13.7	15.1	16.5	17.8	19.4
140°	5.9	7.1	8.3	9.5	10.7	11.9	13.1	14.1	15.3	16.8	18.4
142.5°	5.7	6.8	8.0	9.1	10.1	11.1	12.1	13.1	14.2	15.7	17.0
145°	5.3	6.3	7.3	8.3	9.3	10.4	11.4	12.4	13.3	14.1	15.3
147.5°	4.9	5.9	6.9	7.9	8.8	9.7	10.6	11.4	12.3	13.3	14.3
150°	4.6	5.5	6.3	7.2	8.0	8.9	9.8	10.7	11.6	12.4	13.1
152.5°	4.2	5.0	5.9	6.7	7.6	8.4	9.1	9.9	10.6	11.3	12.1
155°	3.9	4.6	5.4	6.1	6.8	7.5	8.3	9.0	9.7	10.5	11.3
157.5°	3.5	4.2	4.9	5.6	6.3	6.9	7.6	8.4	9.2	9.9	10.7
160°	3.2	3.9	4.5	5.2	5.9	6.5	7.2	7.9	8.5	9.1	9.7
162.5°	3.0	3.6	4.2	4.7	5.3	5.9	6.5	7.0	7.6	8.2	8.8
165°	2.6	3.2	3.7	4.2	4.8	5.3	5.8	6.4	6.9	7.4	8.0
167.5°	2.3	2.8	3.3	3.7	4.2	4.7	5.1	5.6	6.0	6.5	6.9
170°	2.0	2.4	2.7	3.1	3.5	3.9	4.2	4.6	4.9	5.3	5.6
172.5°	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.5	3.8	4.1	4.3
175°	1.0	1.2	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.8	3.0
177.5°	0.5	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: P232017

CATALOG NUMBER: FVS4WM-3-LD4-35-1LO-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	1.8	1.9	2.0	2.1	2.2	2.2	2.3	2.4	2.4
5°	3.2	3.3	3.5	3.7	3.8	4.0	4.1	4.2	4.4	4.5	4.7
7.5°	4.6	4.8	5.1	5.3	5.5	5.8	6.0	6.2	6.4	6.6	6.8
10°	6.0	6.3	6.6	6.9	7.2	7.5	7.8	8.0	8.3	8.6	8.8
12.5°	7.3	7.7	8.1	8.5	8.9	9.2	9.6	9.9	10.2	10.5	10.8
15°	8.5	9.0	9.5	10.0	10.5	10.9	11.3	11.7	12.1	12.5	12.8
17.5°	9.5	10.1	10.7	11.3	11.9	12.4	13.0	13.5	13.9	14.4	14.8
20°	10.3	11.0	11.7	12.4	13.1	13.8	14.4	15.1	15.7	16.2	16.7
22.5°	11.4	12.1	12.7	13.4	14.2	15.0	15.7	16.5	17.3	18.0	18.6
25°	12.1	13.0	13.9	14.6	15.3	16.0	16.9	17.8	18.7	19.6	21.2
27.5°	12.9	13.6	14.6	15.6	16.6	17.3	18.9	20.7	22.8	24.9	27.0
30°	13.8	14.6	15.4	16.9	18.9	20.9	22.8	24.8	27.0	29.6	32.1
32.5°	15.0	16.3	17.8	19.6	21.5	23.8	26.2	28.5	30.9	33.7	36.8
35°	16.9	18.7	20.3	22.0	24.0	26.3	28.9	31.7	34.5	37.4	40.9
37.5°	18.5	20.3	22.3	24.2	26.2	28.6	31.3	34.4	37.6	41.0	44.5
40°	20.1	21.9	23.8	26.0	28.3	30.7	33.5	36.7	40.3	44.1	48.1
42.5°	21.2	23.2	25.2	27.5	30.0	32.7	35.5	38.9	42.7	47.0	51.4
45°	22.1	24.1	26.4	28.8	31.4	34.3	37.4	40.8	44.9	49.5	54.4
47.5°	22.8	24.9	27.2	29.8	32.7	35.8	39.0	42.7	46.9	51.8	57.2
50°	23.3	25.5	27.9	30.7	33.7	37.0	40.6	44.5	49.2	54.2	59.0
52.5°	23.6	25.9	28.5	31.4	34.5	38.9	43.7	48.4	53.0	57.4	61.4
55°	23.5	26.2	29.1	33.0	37.4	42.1	47.3	52.4	57.1	61.3	64.5
57.5°	23.4	27.2	31.1	35.2	40.0	45.1	50.6	56.3	61.6	65.7	68.4
60°	24.8	28.5	32.9	37.2	42.3	47.9	53.8	60.1	65.8	70.2	72.9
62.5°	26.0	29.9	34.4	39.2	44.2	50.5	56.9	63.6	70.0	75.0	77.9
65°	27.1	31.3	35.7	41.0	46.3	52.8	59.9	67.1	74.2	80.1	83.3
67.5°	28.2	32.6	37.2	42.6	48.4	54.9	62.7	70.5	78.5	85.0	88.3
70°	29.6	33.9	38.8	44.2	50.5	56.9	65.5	73.8	82.4	89.2	92.1
72.5°	31.0	35.2	40.5	45.8	52.4	58.7	66.9	75.1	82.7	88.6	91.2
75°	32.4	36.3	41.2	46.3	52.4	59.2	67.3	75.6	83.0	88.4	90.7
77.5°	32.4	36.6	41.2	46.4	52.5	59.7	67.9	76.4	83.8	88.7	90.3
80°	32.7	37.0	41.5	46.7	52.8	60.3	68.8	77.5	84.9	89.3	90.1
82.5°	33.1	37.6	42.0	47.2	53.3	61.0	70.0	78.7	86.3	90.2	90.0
85°	33.8	38.3	42.7	47.9	54.0	61.9	71.5	80.3	87.9	91.2	89.9
87.5°	34.8	39.3	43.7	48.8	55.0	63.0	73.2	82.0	89.7	92.4	89.8
90°	36.0	40.4	44.9	49.9	56.2	64.4	75.2	84.0	91.6	93.5	89.7
92.5°	34.8	39.3	43.7	48.8	55.0	63.0	73.2	82.0	89.7	92.4	89.8
95°	33.8	38.3	42.7	47.9	54.0	61.9	71.5	80.3	87.9	91.2	89.9
97.5°	33.1	37.6	42.0	47.2	53.3	61.0	70.0	78.7	86.3	90.2	90.0
100°	32.7	37.0	41.5	46.7	52.8	60.3	68.8	77.5	84.9	89.3	90.1
102.5°	32.4	36.6	41.2	46.4	52.5	59.7	67.9	76.4	83.8	88.7	90.3
105°	32.4	36.3	41.2	46.3	52.4	59.2	67.3	75.6	83.0	88.4	90.7
107.5°	31.0	35.2	40.5	45.8	52.4	58.7	66.9	75.1	82.7	88.6	91.2
110°	29.6	33.9	38.8	44.2	50.5	56.9	65.5	73.8	82.4	89.2	92.1



TEST NUMBER: P232017

CATALOG NUMBER: FVS4WM-3-LD4-35-1LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	28.2	32.6	37.2	42.6	48.4	54.9	62.7	70.5	78.5	85.0	88.3
115°	27.1	31.3	35.7	41.0	46.3	52.8	59.9	67.1	74.2	80.1	83.3
117.5°	26.0	29.9	34.4	39.2	44.2	50.5	56.9	63.6	70.0	75.0	77.9
120°	24.8	28.5	32.9	37.2	42.3	47.9	53.8	60.1	65.8	70.2	72.9
122.5°	23.4	27.2	31.1	35.2	40.0	45.1	50.6	56.3	61.6	65.7	68.4
125°	23.5	26.2	29.1	33.0	37.4	42.1	47.3	52.4	57.1	61.3	64.5
127.5°	23.6	25.9	28.5	31.4	34.5	38.9	43.7	48.4	53.0	57.4	61.4
130°	23.3	25.5	27.9	30.7	33.7	37.0	40.6	44.5	49.2	54.2	59.0
132.5°	22.8	24.9	27.2	29.8	32.7	35.8	39.0	42.7	46.9	51.8	57.2
135°	22.1	24.1	26.4	28.8	31.4	34.3	37.4	40.8	44.9	49.5	54.4
137.5°	21.2	23.2	25.2	27.5	30.0	32.7	35.5	38.9	42.7	47.0	51.4
140°	20.1	21.9	23.8	26.0	28.3	30.7	33.5	36.7	40.3	44.1	48.1
142.5°	18.5	20.3	22.3	24.2	26.2	28.6	31.3	34.4	37.6	41.0	44.5
145°	16.9	18.7	20.3	22.0	24.0	26.3	28.9	31.7	34.5	37.4	40.9
147.5°	15.0	16.3	17.8	19.6	21.5	23.8	26.2	28.5	30.9	33.7	36.8
150°	13.8	14.6	15.4	16.9	18.9	20.9	22.8	24.8	27.0	29.6	32.1
152.5°	12.9	13.6	14.6	15.6	16.6	17.3	18.9	20.7	22.8	24.9	27.0
155°	12.1	13.0	13.9	14.6	15.3	16.0	16.9	17.8	18.7	19.6	21.2
157.5°	11.4	12.1	12.7	13.4	14.2	15.0	15.7	16.5	17.3	18.0	18.6
160°	10.3	11.0	11.7	12.4	13.1	13.8	14.4	15.1	15.7	16.2	16.7
162.5°	9.5	10.1	10.7	11.3	11.9	12.4	13.0	13.5	13.9	14.4	14.8
165°	8.5	9.0	9.5	10.0	10.5	10.9	11.3	11.7	12.1	12.5	12.8
167.5°	7.3	7.7	8.1	8.5	8.9	9.2	9.6	9.9	10.2	10.5	10.8
170°	6.0	6.3	6.6	6.9	7.2	7.5	7.8	8.0	8.3	8.6	8.8
172.5°	4.6	4.8	5.1	5.3	5.5	5.8	6.0	6.2	6.4	6.6	6.8
175°	3.2	3.3	3.5	3.7	3.8	4.0	4.1	4.2	4.4	4.5	4.7
177.5°	1.7	1.8	1.8	1.9	2.0	2.1	2.2	2.2	2.3	2.4	2.4
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: P232017

CATALOG NUMBER: FVS4WM-3-LD4-35-1LO-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	2.5	2.6	2.6	2.7	2.7	2.7	2.8	2.8	2.8	3.2
5°	4.8	4.9	5.0	5.1	5.2	5.3	5.4	5.5	5.6	5.6	6.4
7.5°	6.9	7.1	7.3	7.5	7.7	7.9	8.0	8.2	8.3	8.4	9.5
10°	9.1	9.3	9.5	9.8	10.0	10.3	10.6	10.8	11.0	11.2	12.7
12.5°	11.1	11.4	11.7	12.0	12.3	12.6	13.0	13.4	13.7	14.1	15.9
15°	13.2	13.5	13.9	14.2	14.6	14.9	15.4	15.9	16.4	16.9	19.0
17.5°	15.2	15.6	16.0	16.4	16.8	17.2	17.7	18.4	19.1	19.7	22.2
20°	17.2	17.6	18.1	18.5	19.0	19.5	20.0	20.8	21.7	22.5	25.3
22.5°	19.2	19.7	20.2	20.7	21.2	21.8	22.4	23.2	24.3	25.3	28.4
25°	22.7	24.1	25.5	26.6	27.6	28.5	29.3	30.1	31.1	32.0	35.1
27.5°	29.1	30.9	32.7	34.2	35.3	36.1	36.7	37.1	38.0	38.6	41.7
30°	34.7	37.3	39.6	41.7	42.9	43.9	44.2	44.3	44.9	45.3	48.3
32.5°	39.9	43.1	46.0	48.8	50.5	51.6	51.8	51.7	51.9	52.0	54.8
35°	44.6	48.4	52.2	55.5	58.2	59.3	59.6	59.1	58.9	58.6	61.3
37.5°	48.9	53.3	57.8	61.9	65.9	67.0	67.5	66.6	66.0	65.3	67.7
40°	52.7	57.8	63.0	68.0	72.6	74.8	75.5	74.2	73.1	72.0	74.0
42.5°	56.1	62.0	67.9	74.1	79.2	82.5	83.6	81.9	80.2	78.6	80.3
45°	59.7	65.8	72.6	79.3	85.6	90.3	91.4	89.6	87.4	85.3	86.6
47.5°	62.7	68.2	74.7	81.1	87.1	92.4	93.7	93.2	92.5	92.4	96.0
50°	63.6	68.3	74.4	80.6	86.9	92.8	95.3	96.4	97.4	99.5	105.7
52.5°	65.2	69.3	74.4	80.4	86.7	92.9	96.7	99.3	102.1	106.6	115.5
55°	67.6	70.8	74.8	80.3	86.5	93.0	97.9	102.0	106.7	113.7	125.5
57.5°	70.5	72.7	75.6	80.5	86.5	93.1	99.0	104.5	111.2	120.7	135.6
60°	74.0	75.0	76.8	81.0	86.7	93.3	99.9	106.8	115.5	127.8	145.8
62.5°	78.0	77.9	78.7	81.8	87.0	93.5	100.8	109.0	119.8	134.9	156.1
65°	82.5	81.3	80.9	82.9	87.4	93.7	101.5	111.0	123.9	142.0	166.5
67.5°	87.3	85.0	83.3	84.1	87.9	94.0	102.2	112.9	128.0	149.1	177.0
70°	90.4	86.8	84.2	84.1	87.4	93.3	101.3	111.9	127.0	148.3	176.5
72.5°	89.9	86.3	83.9	83.6	86.7	92.5	100.3	110.9	126.0	147.5	175.9
75°	89.3	85.7	83.5	83.1	86.1	91.8	99.4	110.0	125.0	146.8	176.2
77.5°	88.7	85.0	83.0	82.7	85.5	91.2	98.6	109.1	124.0	146.0	175.2
80°	88.0	84.2	82.5	82.3	85.0	90.7	97.8	108.2	123.1	145.2	174.1
82.5°	87.3	83.3	82.0	81.9	84.5	90.2	97.1	107.5	122.3	144.4	173.1
85°	86.5	82.3	81.4	81.5	84.1	89.8	96.5	106.8	121.5	143.7	172.0
87.5°	85.6	81.2	80.8	81.2	83.7	89.4	95.9	106.1	120.7	142.9	171.0
90°	84.7	80.2	80.2	80.9	83.4	89.1	95.4	105.5	120.0	142.1	169.9
92.5°	85.6	81.2	80.8	81.2	83.7	89.4	95.9	106.1	120.7	142.9	171.0
95°	86.5	82.3	81.4	81.5	84.1	89.8	96.5	106.8	121.5	143.7	172.0
97.5°	87.3	83.3	82.0	81.9	84.5	90.2	97.1	107.5	122.3	144.4	173.1
100°	88.0	84.2	82.5	82.3	85.0	90.7	97.8	108.2	123.1	145.2	174.1
102.5°	88.7	85.0	83.0	82.7	85.5	91.2	98.6	109.1	124.0	146.0	175.2
105°	89.3	85.7	83.5	83.1	86.1	91.8	99.4	110.0	125.0	146.8	176.2
107.5°	89.9	86.3	83.9	83.6	86.7	92.5	100.3	110.9	126.0	147.5	175.9
110°	90.4	86.8	84.2	84.1	87.4	93.3	101.3	111.9	127.0	148.3	176.5





TEST NUMBER: P232017

CATALOG NUMBER: FVS4WM-3-LD4-35-1LO-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°	87.3	85.0	83.3	84.1	87.9	94.0	102.2	112.9	128.0	149.1	177.0
115°	82.5	81.3	80.9	82.9	87.4	93.7	101.5	111.0	123.9	142.0	166.5
117.5°	78.0	77.9	78.7	81.8	87.0	93.5	100.8	109.0	119.8	134.9	156.1
120°	74.0	75.0	76.8	81.0	86.7	93.3	99.9	106.8	115.5	127.8	145.8
122.5°	70.5	72.7	75.6	80.5	86.5	93.1	99.0	104.5	111.2	120.7	135.6
125°	67.6	70.8	74.8	80.3	86.5	93.0	97.9	102.0	106.7	113.7	125.5
127.5°	65.2	69.3	74.4	80.4	86.7	92.9	96.7	99.3	102.1	106.6	115.5
130°	63.6	68.3	74.4	80.6	86.9	92.8	95.3	96.4	97.4	99.5	105.7
132.5°	62.7	68.2	74.7	81.1	87.1	92.4	93.7	93.2	92.5	92.4	96.0
135°	59.7	65.8	72.6	79.3	85.6	90.3	91.4	89.6	87.4	85.3	86.6
137.5°	56.1	62.0	67.9	74.1	79.2	82.5	83.6	81.9	80.2	78.6	80.3
140°	52.7	57.8	63.0	68.0	72.6	74.8	75.5	74.2	73.1	72.0	74.0
142.5°	48.9	53.3	57.8	61.9	65.9	67.0	67.5	66.6	66.0	65.3	67.7
145°	44.6	48.4	52.2	55.5	58.2	59.3	59.6	59.1	58.9	58.6	61.3
147.5°	39.9	43.1	46.0	48.8	50.5	51.6	51.8	51.7	51.9	52.0	54.8
150°	34.7	37.3	39.6	41.7	42.9	43.9	44.2	44.3	44.9	45.3	48.3
152.5°	29.1	30.9	32.7	34.2	35.3	36.1	36.7	37.1	38.0	38.6	41.7
155°	22.7	24.1	25.5	26.6	27.6	28.5	29.3	30.1	31.1	32.0	35.1
157.5°	19.2	19.7	20.2	20.7	21.2	21.8	22.4	23.2	24.3	25.3	28.4
160°	17.2	17.6	18.1	18.5	19.0	19.5	20.0	20.8	21.7	22.5	25.3
162.5°	15.2	15.6	16.0	16.4	16.8	17.2	17.7	18.4	19.1	19.7	22.2
165°	13.2	13.5	13.9	14.2	14.6	14.9	15.4	15.9	16.4	16.9	19.0
167.5°	11.1	11.4	11.7	12.0	12.3	12.6	13.0	13.4	13.7	14.1	15.9
170°	9.1	9.3	9.5	9.8	10.0	10.3	10.6	10.8	11.0	11.2	12.7
172.5°	6.9	7.1	7.3	7.5	7.7	7.9	8.0	8.2	8.3	8.4	9.5
175°	4.8	4.9	5.0	5.1	5.2	5.3	5.4	5.5	5.6	5.6	6.4
177.5°	2.5	2.5	2.6	2.6	2.7	2.7	2.7	2.8	2.8	2.8	3.2
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: P232017

CATALOG NUMBER: FVS4WM-3-LD4-35-1LO-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	3.9	4.3	4.6	5.0	5.3	5.6	5.9	6.2	6.5	6.8
5°	7.1	7.8	8.5	9.2	9.9	10.6	11.2	11.8	12.4	13.0	13.6
7.5°	10.6	11.7	12.8	13.8	14.8	15.8	16.8	18.0	19.1	20.2	21.3
10°	14.2	15.6	17.0	18.3	19.7	21.4	23.1	24.7	26.2	27.7	29.2
12.5°	17.7	19.4	21.1	23.0	25.2	27.4	29.5	31.5	33.4	35.2	36.8
15°	21.1	23.2	25.4	28.1	30.8	33.4	36.0	38.2	40.4	42.5	44.8
17.5°	24.6	27.0	30.0	33.3	36.5	39.5	42.2	44.9	47.5	49.9	52.2
20°	28.1	30.9	34.7	38.5	42.1	45.4	48.5	51.6	54.5	57.2	59.9
22.5°	31.5	35.1	39.4	43.7	47.6	51.3	54.8	58.3	61.6	64.6	66.9
25°	38.1	42.0	46.5	50.8	54.6	58.3	62.0	65.5	68.7	71.1	73.6
27.5°	44.7	49.1	53.7	57.9	62.0	66.0	69.8	73.5	76.1	78.7	79.7
30°	51.2	55.9	60.7	65.0	69.5	73.4	77.5	80.6	83.4	85.0	85.9
32.5°	57.8	62.6	67.3	71.8	76.2	80.6	84.4	87.6	89.8	91.1	92.2
35°	64.4	69.2	73.9	78.5	83.1	87.8	91.1	94.2	96.0	97.4	98.6
37.5°	70.8	75.5	80.3	85.1	89.7	94.0	97.6	100.3	102.5	103.7	105.1
40°	77.2	81.7	86.6	91.4	96.2	100.3	103.9	106.5	108.5	110.0	112.1
42.5°	83.4	87.8	92.8	97.7	102.4	106.5	109.9	112.8	114.6	116.5	118.8
45°	89.6	93.9	98.9	103.7	108.4	112.5	116.1	118.8	120.7	122.9	125.5
47.5°	101.3	107.4	113.4	117.4	120.4	122.6	124.5	125.4	126.9	129.2	131.9
50°	113.6	122.1	130.0	133.9	136.0	137.1	137.8	137.9	138.3	139.1	140.3
52.5°	126.2	137.2	146.3	150.2	151.1	150.9	150.3	149.9	150.3	151.5	153.7
55°	139.0	152.6	162.6	166.1	165.8	164.0	162.5	161.8	162.3	163.8	166.9
57.5°	152.1	168.3	178.8	181.4	180.0	176.5	174.3	173.7	174.5	176.5	180.2
60°	165.4	184.3	194.9	196.5	193.5	188.6	185.7	185.3	186.5	189.3	194.0
62.5°	178.9	200.5	211.0	211.2	206.5	200.5	197.0	196.8	198.5	202.1	207.5
65°	192.5	216.9	227.0	225.8	219.2	212.2	208.6	208.5	210.4	214.7	220.7
67.5°	206.3	233.4	242.9	240.1	231.6	223.8	220.2	220.3	222.8	227.4	233.4
70°	206.6	235.3	246.8	246.5	238.9	231.7	229.1	230.4	234.1	239.7	245.9
72.5°	206.4	236.0	249.3	251.7	244.5	237.7	235.7	237.7	242.2	248.1	254.8
75°	206.1	236.6	252.0	257.2	250.2	243.7	242.3	245.1	250.2	256.3	263.3
77.5°	205.6	237.1	255.0	263.2	256.1	249.7	248.9	252.6	258.1	264.2	271.7
80°	206.0	237.4	258.0	269.4	262.1	255.8	255.4	260.0	265.9	272.0	279.9
82.5°	204.9	238.4	261.9	275.8	268.3	262.0	262.0	267.4	273.5	279.5	287.9
85°	203.8	237.9	264.5	282.6	274.3	268.1	268.7	275.0	281.0	286.9	295.8
87.5°	202.6	237.4	267.2	288.8	280.9	274.6	275.2	282.2	288.5	294.3	303.5
90°	201.5	236.9	269.8	295.0	287.4	281.1	281.8	289.3	295.7	301.3	310.8
92.5°	202.6	237.4	267.2	288.8	280.9	274.6	275.2	282.2	288.5	294.3	303.5
95°	203.8	237.9	264.5	282.6	274.3	268.1	268.7	275.0	281.0	286.9	295.8
97.5°	204.9	238.4	261.9	275.8	268.3	262.0	262.0	267.4	273.5	279.5	287.9
100°	206.0	237.4	258.0	269.4	262.1	255.8	255.4	260.0	265.9	272.0	279.9
102.5°	205.6	237.1	255.0	263.2	256.1	249.7	248.9	252.6	258.1	264.2	271.7
105°	206.1	236.6	252.0	257.2	250.2	243.7	242.3	245.1	250.2	256.3	263.3
107.5°	206.4	236.0	249.3	251.7	244.5	237.7	235.7	237.7	242.2	248.1	254.8
110°	206.6	235.3	246.8	246.5	238.9	231.7	229.1	230.4	234.1	239.7	245.9



TEST NUMBER: P232017

CATALOG NUMBER: FVS4WM-3-LD4-35-1LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	206.3	233.4	242.9	240.1	231.6	223.8	220.2	220.3	222.8	227.4	233.4
115°	192.5	216.9	227.0	225.8	219.2	212.2	208.6	208.5	210.4	214.7	220.7
117.5°	178.9	200.5	211.0	211.2	206.5	200.5	197.0	196.8	198.5	202.1	207.5
120°	165.4	184.3	194.9	196.5	193.5	188.6	185.7	185.3	186.5	189.3	194.0
122.5°	152.1	168.3	178.8	181.4	180.0	176.5	174.3	173.7	174.5	176.5	180.2
125°	139.0	152.6	162.6	166.1	165.8	164.0	162.5	161.8	162.3	163.8	166.9
127.5°	126.2	137.2	146.3	150.2	151.1	150.9	150.3	149.9	150.3	151.5	153.7
130°	113.6	122.1	130.0	133.9	136.0	137.1	137.8	137.9	138.3	139.1	140.3
132.5°	101.3	107.4	113.4	117.4	120.4	122.6	124.5	125.4	126.9	129.2	131.9
135°	89.6	93.9	98.9	103.7	108.4	112.5	116.1	118.8	120.7	122.9	125.5
137.5°	83.4	87.8	92.8	97.7	102.4	106.5	109.9	112.8	114.6	116.5	118.8
140°	77.2	81.7	86.6	91.4	96.2	100.3	103.9	106.5	108.5	110.0	112.1
142.5°	70.8	75.5	80.3	85.1	89.7	94.0	97.6	100.3	102.5	103.7	105.1
145°	64.4	69.2	73.9	78.5	83.1	87.8	91.1	94.2	96.0	97.4	98.6
147.5°	57.8	62.6	67.3	71.8	76.2	80.6	84.4	87.6	89.8	91.1	92.2
150°	51.2	55.9	60.7	65.0	69.5	73.4	77.5	80.6	83.4	85.0	85.9
152.5°	44.7	49.1	53.7	57.9	62.0	66.0	69.8	73.5	76.1	78.7	79.7
155°	38.1	42.0	46.5	50.8	54.6	58.3	62.0	65.5	68.7	71.1	73.6
157.5°	31.5	35.1	39.4	43.7	47.6	51.3	54.8	58.3	61.6	64.6	66.9
160°	28.1	30.9	34.7	38.5	42.1	45.4	48.5	51.6	54.5	57.2	59.9
162.5°	24.6	27.0	30.0	33.3	36.5	39.5	42.2	44.9	47.5	49.9	52.2
165°	21.1	23.2	25.4	28.1	30.8	33.4	36.0	38.2	40.4	42.5	44.8
167.5°	17.7	19.4	21.1	23.0	25.2	27.4	29.5	31.5	33.4	35.2	36.8
170°	14.2	15.6	17.0	18.3	19.7	21.4	23.1	24.7	26.2	27.7	29.2
172.5°	10.6	11.7	12.8	13.8	14.8	15.8	16.8	18.0	19.1	20.2	21.3
175°	7.1	7.8	8.5	9.2	9.9	10.6	11.2	11.8	12.4	13.0	13.6
177.5°	3.6	3.9	4.3	4.6	5.0	5.3	5.6	5.9	6.2	6.5	6.8
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: P232017

CATALOG NUMBER: FVS4WM-3-LD4-35-1LO-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°	7.1	7.3	7.6	7.8	8.0	8.2	8.4	8.5	8.7	8.8	8.9
5°	14.2	14.8	15.4	16.0	16.5	17.0	17.5	17.9	18.3	18.6	18.9
7.5°	22.3	23.2	24.1	25.0	25.8	26.5	27.1	27.7	28.3	28.7	29.2
10°	30.4	31.6	32.8	33.9	34.9	35.8	36.7	37.4	38.0	38.6	39.0
12.5°	38.4	40.0	41.4	42.6	43.8	44.8	45.8	46.7	47.4	48.0	48.6
15°	46.4	48.1	49.7	51.2	52.6	53.7	54.7	55.7	56.5	57.3	58.0
17.5°	54.3	56.6	58.0	59.5	60.8	62.1	63.3	64.4	65.5	66.6	67.7
20°	62.0	63.9	65.6	67.2	68.4	69.7	71.0	72.3	73.9	75.4	77.0
22.5°	69.1	71.0	72.1	73.3	74.7	76.2	77.9	79.6	81.6	84.1	86.6
25°	75.0	76.0	77.3	78.5	80.1	81.8	84.5	87.3	90.2	93.3	96.7
27.5°	80.3	80.8	81.3	82.7	85.3	88.3	91.8	95.2	99.1	102.9	107.0
30°	86.6	87.3	88.1	90.0	91.7	94.7	98.9	103.1	107.8	112.6	117.6
32.5°	93.1	94.4	96.4	98.5	101.4	104.3	107.5	111.1	116.7	123.4	130.1
35°	100.0	102.2	104.6	107.7	110.9	114.6	118.2	123.6	128.7	136.9	147.5
37.5°	107.4	109.9	113.1	116.7	120.7	125.5	131.6	138.5	148.2	158.5	168.6
40°	114.5	117.8	121.4	125.7	131.3	138.0	147.3	158.0	170.0	182.6	195.0
42.5°	121.8	125.3	129.8	135.7	143.0	153.6	165.2	179.5	194.7	208.5	223.0
45°	128.7	133.1	138.7	146.5	157.5	169.8	185.9	201.8	218.3	235.4	253.8
47.5°	135.8	140.5	148.7	159.3	172.2	189.2	206.5	224.4	244.1	264.8	285.3
50°	143.0	149.7	159.1	172.5	189.5	208.0	227.1	248.7	272.7	294.7	317.1
52.5°	157.0	163.5	173.5	187.0	207.5	226.5	249.0	275.0	299.3	324.3	349.3
55°	172.0	179.7	191.2	207.3	225.4	245.6	271.9	299.4	326.4	353.2	380.7
57.5°	186.5	195.7	209.0	226.0	244.6	269.0	295.8	323.9	352.1	380.7	410.4
60°	200.8	210.6	225.8	243.4	264.5	290.1	318.0	346.8	375.8	405.6	437.1
62.5°	215.1	225.9	241.2	259.2	282.9	309.4	338.0	367.4	396.3	426.8	461.0
65°	228.4	240.2	255.8	275.1	299.2	326.2	356.0	384.3	413.5	445.6	483.5
67.5°	240.8	253.1	269.0	289.5	314.0	341.6	371.0	397.9	427.3	463.7	511.9
70°	253.1	264.9	280.9	302.0	326.5	355.3	382.2	408.9	440.3	480.9	538.7
72.5°	263.6	276.1	292.1	312.9	337.1	368.3	390.6	416.9	451.4	500.2	560.1
75°	273.3	285.8	300.7	319.9	344.5	372.5	396.4	423.0	459.4	514.9	577.0
77.5°	282.7	294.4	307.4	325.0	348.7	374.5	399.6	429.8	472.1	528.0	590.5
80°	291.8	302.0	312.6	328.4	350.9	375.6	401.6	434.9	482.5	540.6	609.0
82.5°	300.6	308.7	316.4	330.3	351.1	375.6	402.4	438.3	489.6	549.5	622.0
85°	309.0	314.9	319.3	331.1	349.8	374.7	402.0	439.9	493.5	554.7	629.4
87.5°	317.2	320.6	321.6	331.2	347.5	373.3	401.0	440.6	495.6	557.9	634.0
90°	324.7	326.0	323.5	330.4	343.7	369.6	397.4	437.2	491.5	553.4	628.0
92.5°	317.2	320.6	321.6	331.2	347.5	373.3	401.0	440.6	495.6	557.9	634.0
95°	309.0	314.9	319.3	331.1	349.8	374.7	402.0	439.9	493.5	554.7	629.4
97.5°	300.6	308.7	316.4	330.3	351.1	375.6	402.4	438.3	489.6	549.5	622.0
100°	291.8	302.0	312.6	328.4	350.9	375.6	401.6	434.9	482.5	540.6	609.0
102.5°	282.7	294.4	307.4	325.0	348.7	374.5	399.6	429.8	472.1	528.0	590.5
105°	273.3	285.8	300.7	319.9	344.5	372.5	396.4	423.0	459.4	514.9	577.0
107.5°	263.6	276.1	292.1	312.9	337.1	368.3	390.6	416.9	451.4	500.2	560.1
110°	253.1	264.9	280.9	302.0	326.5	355.3	382.2	408.9	440.3	480.9	538.7



TEST NUMBER: P232017

CATALOG NUMBER: FVS4WM-3-LD4-35-1LO-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°	240.8	253.1	269.0	289.5	314.0	341.6	371.0	397.9	427.3	463.7	511.9
115°	228.4	240.2	255.8	275.1	299.2	326.2	356.0	384.3	413.5	445.6	483.5
117.5°	215.1	225.9	241.2	259.2	282.9	309.4	338.0	367.4	396.3	426.8	461.0
120°	200.8	210.6	225.8	243.4	264.5	290.1	318.0	346.8	375.8	405.6	437.1
122.5°	186.5	195.7	209.0	226.0	244.6	269.0	295.8	323.9	352.1	380.7	410.4
125°	172.0	179.7	191.2	207.3	225.4	245.6	271.9	299.4	326.4	353.2	380.7
127.5°	157.0	163.5	173.5	187.0	207.5	226.5	249.0	275.0	299.3	324.3	349.3
130°	143.0	149.7	159.1	172.5	189.5	208.0	227.1	248.7	272.7	294.7	317.1
132.5°	135.8	140.5	148.7	159.3	172.2	189.2	206.5	224.4	244.1	264.8	285.3
135°	128.7	133.1	138.7	146.5	157.5	169.8	185.9	201.8	218.3	235.4	253.8
137.5°	121.8	125.3	129.8	135.7	143.0	153.6	165.2	179.5	194.7	208.5	223.0
140°	114.5	117.8	121.4	125.7	131.3	138.0	147.3	158.0	170.0	182.6	195.0
142.5°	107.4	109.9	113.1	116.7	120.7	125.5	131.6	138.5	148.2	158.5	168.6
145°	100.0	102.2	104.6	107.7	110.9	114.6	118.2	123.6	128.7	136.9	147.5
147.5°	93.1	94.4	96.4	98.5	101.4	104.3	107.5	111.1	116.7	123.4	130.1
150°	86.6	87.3	88.1	90.0	91.7	94.7	98.9	103.1	107.8	112.6	117.6
152.5°	80.3	80.8	81.3	82.7	85.3	88.3	91.8	95.2	99.1	102.9	107.0
155°	75.0	76.0	77.3	78.5	80.1	81.8	84.5	87.3	90.2	93.3	96.7
157.5°	69.1	71.0	72.1	73.3	74.7	76.2	77.9	79.6	81.6	84.1	86.6
160°	62.0	63.9	65.6	67.2	68.4	69.7	71.0	72.3	73.9	75.4	77.0
162.5°	54.3	56.6	58.0	59.5	60.8	62.1	63.3	64.4	65.5	66.6	67.7
165°	46.4	48.1	49.7	51.2	52.6	53.7	54.7	55.7	56.5	57.3	58.0
167.5°	38.4	40.0	41.4	42.6	43.8	44.8	45.8	46.7	47.4	48.0	48.6
170°	30.4	31.6	32.8	33.9	34.9	35.8	36.7	37.4	38.0	38.6	39.0
172.5°	22.3	23.2	24.1	25.0	25.8	26.5	27.1	27.7	28.3	28.7	29.2
175°	14.2	14.8	15.4	16.0	16.5	17.0	17.5	17.9	18.3	18.6	18.9
177.5°	7.1	7.3	7.6	7.8	8.0	8.2	8.4	8.5	8.7	8.8	8.9
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: P232017

CATALOG NUMBER: FVS4WM-3-LD4-35-1LO-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°	9.0	9.1	9.1	9.2	9.2	9.2	9.5	9.4	9.3	9.2	9.0
5°	19.2	19.4	19.5	19.7	19.8	19.8	19.8	19.8	20.0	19.8	19.5
7.5°	29.5	29.8	30.1	30.2	30.4	30.4	30.4	30.3	30.2	30.3	29.9
10°	39.4	39.7	39.9	40.1	40.1	40.1	40.0	39.9	39.6	39.6	39.0
12.5°	49.0	49.4	49.6	49.8	49.9	49.9	49.8	49.7	49.4	49.0	48.8
15°	58.7	59.4	60.1	60.7	61.2	61.6	61.9	62.1	62.2	62.2	62.4
17.5°	68.8	69.9	71.0	72.1	73.0	73.9	74.7	75.3	75.9	76.3	76.9
20°	78.5	80.2	82.1	83.9	85.5	87.1	88.5	89.7	90.8	91.6	92.8
22.5°	89.1	91.5	94.0	96.5	98.8	100.9	102.9	104.7	106.2	107.5	109.2
25°	100.0	103.2	106.3	109.5	112.5	115.4	118.0	120.4	122.6	124.5	126.0
27.5°	111.1	115.1	119.0	123.2	127.6	131.7	135.5	139.0	142.1	144.9	147.2
30°	123.0	128.8	134.3	139.7	146.0	151.7	156.8	161.2	165.1	168.4	171.0
32.5°	137.4	146.1	154.1	161.6	168.8	175.5	181.4	186.4	190.6	194.0	196.6
35°	157.5	167.8	177.7	186.6	194.6	201.7	207.6	212.4	216.1	218.9	220.6
37.5°	181.1	192.8	204.0	213.7	222.1	230.4	237.5	243.3	247.7	250.7	252.6
40°	207.9	220.8	233.8	245.8	256.1	265.8	275.4	283.6	290.5	296.0	299.9
42.5°	238.7	253.9	268.4	282.5	295.6	308.0	320.7	332.0	341.8	349.9	356.0
45°	271.5	288.8	304.8	322.1	339.0	356.8	371.1	386.1	399.4	410.7	419.8
47.5°	305.1	325.1	344.8	364.3	385.4	405.6	427.1	447.9	465.7	480.5	492.0
50°	340.0	362.7	386.3	409.5	439.1	467.4	494.7	521.8	544.5	562.7	576.4
52.5°	374.9	400.9	431.7	464.5	503.2	542.9	576.3	605.6	629.3	647.3	659.9
55°	409.1	442.4	479.9	524.5	572.1	622.4	661.5	686.3	705.0	719.2	728.9
57.5°	443.5	483.3	529.1	583.2	641.6	686.8	728.6	748.6	761.2	770.7	777.0
60°	475.5	521.1	578.4	636.2	690.3	735.4	770.2	791.8	803.1	812.0	818.2
62.5°	502.2	560.0	622.1	682.9	733.6	775.6	806.5	828.2	839.6	848.7	855.3
65°	536.0	596.2	663.9	725.7	777.8	818.7	842.3	859.9	870.9	879.0	885.1
67.5°	570.3	636.2	706.8	772.8	824.6	852.6	872.2	885.4	896.0	905.0	911.7
70°	601.6	673.6	747.3	817.3	856.6	878.8	895.1	907.9	919.3	927.9	934.2
72.5°	628.7	705.0	781.2	839.4	877.5	898.9	913.6	926.3	938.5	945.5	951.5
75°	651.9	729.6	803.3	861.2	897.3	914.3	928.0	941.4	952.2	959.6	966.2
77.5°	668.8	747.4	826.7	882.9	910.4	927.4	941.6	955.6	965.5	973.3	979.8
80°	685.5	765.3	845.9	901.0	922.1	939.5	953.4	965.9	976.8	985.2	992.3
82.5°	699.8	783.0	861.9	908.2	930.3	947.5	961.0	972.9	983.9	991.2	1000.4
85°	708.5	792.9	874.0	913.1	933.7	951.4	964.8	977.0	988.1	996.4	1006.9
87.5°	714.4	795.0	880.8	916.3	934.3	953.4	965.2	978.5	989.9	996.1	1007.4
90°	708.2	789.7	880.7	916.7	932.5	953.3	963.4	977.9	988.0	996.3	1005.1
92.5°	714.4	795.0	880.8	916.3	934.3	953.4	965.2	978.5	989.9	996.1	1007.4
95°	708.5	792.9	874.0	913.1	933.7	951.4	964.8	977.0	988.1	996.4	1006.9
97.5°	699.8	783.0	861.9	908.2	930.3	947.5	961.0	972.9	983.9	991.2	1000.4
100°	685.5	765.3	845.9	901.0	922.1	939.5	953.4	965.9	976.8	985.2	992.3
102.5°	668.8	747.4	826.7	882.9	910.4	927.4	941.6	955.6	965.5	973.3	979.8
105°	651.9	729.6	803.3	861.2	897.3	914.3	928.0	941.4	952.2	959.6	966.2
107.5°	628.7	705.0	781.2	839.4	877.5	898.9	913.6	926.3	938.5	945.5	951.5
110°	601.6	673.6	747.3	817.3	856.6	878.8	895.1	907.9	919.3	927.9	934.2



TEST NUMBER: P232017

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**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	570.3	636.2	706.8	772.8	824.6	852.6	872.2	885.4	896.0	905.0	911.7
115°	536.0	596.2	663.9	725.7	777.8	818.7	842.3	859.9	870.9	879.0	885.1
117.5°	502.2	560.0	622.1	682.9	733.6	775.6	806.5	828.2	839.6	848.7	855.3
120°	475.5	521.1	578.4	636.2	690.3	735.4	770.2	791.8	803.1	812.0	818.2
122.5°	443.5	483.3	529.1	583.2	641.6	686.8	728.6	748.6	761.2	770.7	777.0
125°	409.1	442.4	479.9	524.5	572.1	622.4	661.5	686.3	705.0	719.2	728.9
127.5°	374.9	400.9	431.7	464.5	503.2	542.9	576.3	605.6	629.3	647.3	659.9
130°	340.0	362.7	386.3	409.5	439.1	467.4	494.7	521.8	544.5	562.7	576.4
132.5°	305.1	325.1	344.8	364.3	385.4	405.6	427.1	447.9	465.7	480.5	492.0
135°	271.5	288.8	304.8	322.1	339.0	356.8	371.1	386.1	399.4	410.7	419.8
137.5°	238.7	253.9	268.4	282.5	295.6	308.0	320.7	332.0	341.8	349.9	356.0
140°	207.9	220.8	233.8	245.8	256.1	265.8	275.4	283.6	290.5	296.0	299.9
142.5°	181.1	192.8	204.0	213.7	222.1	230.4	237.5	243.3	247.7	250.7	252.6
145°	157.5	167.8	177.7	186.6	194.6	201.7	207.6	212.4	216.1	218.9	220.6
147.5°	137.4	146.1	154.1	161.6	168.8	175.5	181.4	186.4	190.6	194.0	196.6
150°	123.0	128.8	134.3	139.7	146.0	151.7	156.8	161.2	165.1	168.4	171.0
152.5°	111.1	115.1	119.0	123.2	127.6	131.7	135.5	139.0	142.1	144.9	147.2
155°	100.0	103.2	106.3	109.5	112.5	115.4	118.0	120.4	122.6	124.5	126.0
157.5°	89.1	91.5	94.0	96.5	98.8	100.9	102.9	104.7	106.2	107.5	109.2
160°	78.5	80.2	82.1	83.9	85.5	87.1	88.5	89.7	90.8	91.6	92.8
162.5°	68.8	69.9	71.0	72.1	73.0	73.9	74.7	75.3	75.9	76.3	76.9
165°	58.7	59.4	60.1	60.7	61.2	61.6	61.9	62.1	62.2	62.2	62.4
167.5°	49.0	49.4	49.6	49.8	49.9	49.9	49.8	49.7	49.4	49.0	48.8
170°	39.4	39.7	39.9	40.1	40.1	40.1	40.0	39.9	39.6	39.6	39.0
172.5°	29.5	29.8	30.1	30.2	30.4	30.4	30.4	30.3	30.2	30.3	29.9
175°	19.2	19.4	19.5	19.7	19.8	19.8	19.8	19.8	20.0	19.8	19.5
177.5°	9.0	9.1	9.1	9.2	9.2	9.2	9.5	9.4	9.3	9.2	9.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
0°	0.0	0.0
2.5°	8.9	8.8
5°	19.3	19.0
7.5°	29.5	29.1
10°	38.5	37.9
12.5°	48.1	47.4
15°	61.8	61.3
17.5°	76.6	76.4
20°	92.8	92.9
22.5°	109.6	109.9
25°	127.5	128.2
27.5°	149.3	150.4
30°	173.3	174.4
32.5°	198.8	199.6
35°	221.9	221.7
37.5°	253.7	252.7
40°	303.0	302.6
42.5°	361.3	362.0
45°	427.8	430.2
47.5°	501.9	504.8
50°	587.7	590.0
52.5°	669.5	669.6
55°	736.3	735.3
57.5°	781.7	780.2
60°	823.1	821.9
62.5°	859.0	859.8
65°	888.9	890.1
67.5°	915.9	917.3
70°	938.1	939.4
72.5°	956.2	959.0
75°	972.8	977.3
77.5°	986.7	990.6
80°	998.4	1000.7
82.5°	1007.2	1013.3
85°	1010.2	1014.6
87.5°	1014.2	1020.3
90°	1008.3	1018.4
92.5°	1014.2	1020.3
95°	1010.2	1014.6
97.5°	1007.2	1013.3
100°	998.4	1000.7
102.5°	986.7	990.6
105°	972.8	977.3
107.5°	956.2	959.0
110°	938.1	939.4





TEST NUMBER: P232017

CATALOG NUMBER: FVS4WM-3-LD4-35-1LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
112.5°	915.9	917.3
115°	888.9	890.1
117.5°	859.0	859.8
120°	823.1	821.9
122.5°	781.7	780.2
125°	736.3	735.3
127.5°	669.5	669.6
130°	587.7	590.0
132.5°	501.9	504.8
135°	427.8	430.2
137.5°	361.3	362.0
140°	303.0	302.6
142.5°	253.7	252.7
145°	221.9	221.7
147.5°	198.8	199.6
150°	173.3	174.4
152.5°	149.3	150.4
155°	127.5	128.2
157.5°	109.6	109.9
160°	92.8	92.9
162.5°	76.6	76.4
165°	61.8	61.3
167.5°	48.1	47.4
170°	38.5	37.9
172.5°	29.5	29.1
175°	19.3	19.0
177.5°	8.9	8.8
180°	0.0	0.0

(END OF REPORT)