

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: P231934

Luminaire Tested: **FVS4WM-2-LD4-40-2LO-PA187-UNV-EDC1**

Issue Date: 3/3/2020



**Test Information**

Test Method: LM-79-08  
Report Number: P231934  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1706-121-10)  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: FAIL-SAFE  
Catalog Number: FVS4WM-2-LD4-40-2LO-PA187-UNV-EDC1  
Description: FAILSAFE FVS LED FIXTURE  
2FT LENGTH, 2-MODULE LED WITH PA187 LENS  
Light Source: (84) 4000K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

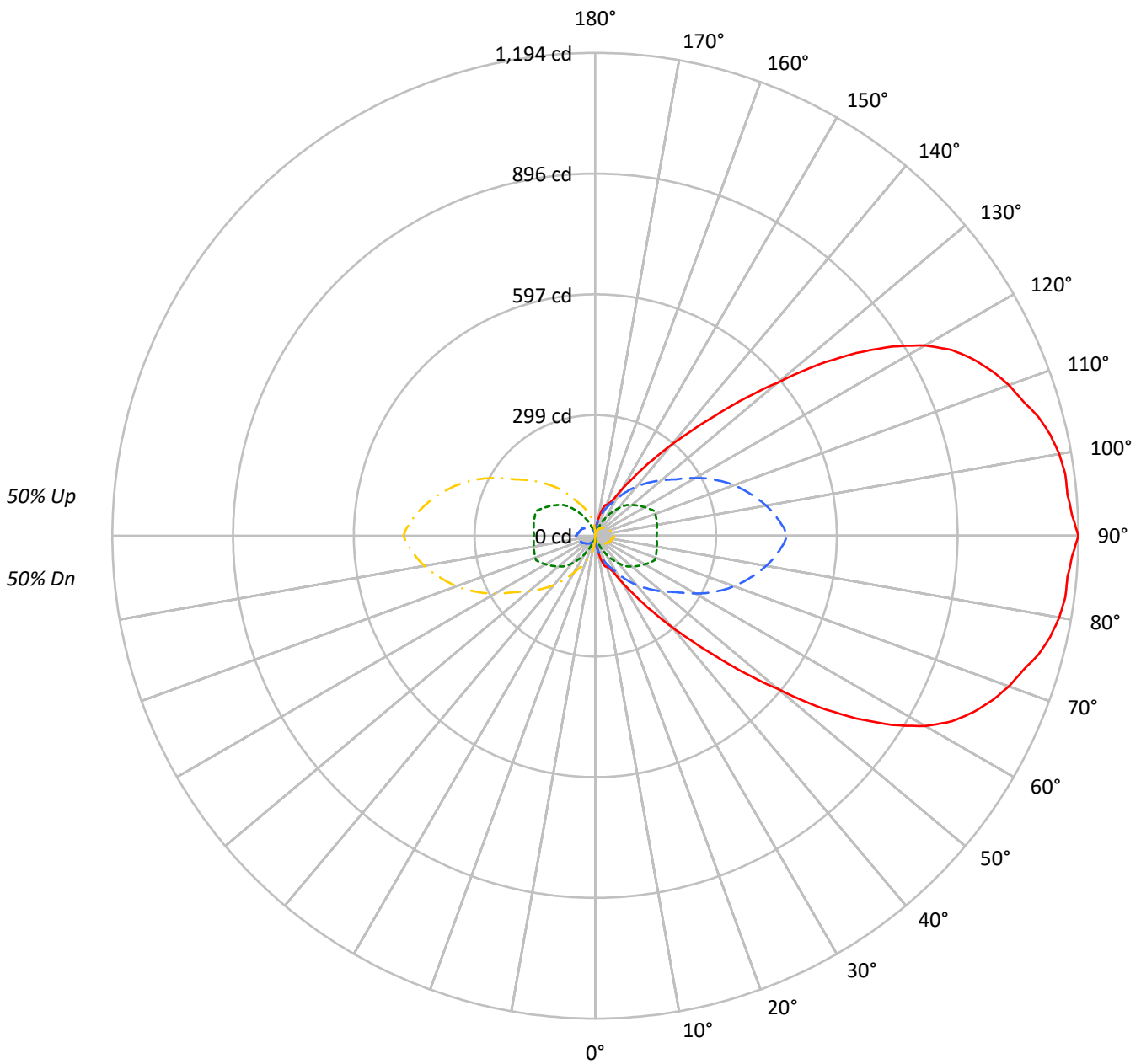
Lumens per Lamp: N/A  
Luminaire Lumens: 2638.8 lumens  
Efficiency: N/A  
Efficacy: 109.5 lumens/watt  
Spacing Criteria (0/90/45): - / - / -  
Luminous Opening: Rectangular w/ Sides (W: 1.92' x L: 0.19' x H: 0.31')  
CIE Type: General Diffuse

Input Watts (W): 24.1  
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	83	77	71	83	76	70	65	63	58	54	50	47	43	39	36	33	28
2	80	69	60	52	72	63	55	48	51	45	39	40	35	31	30	26	23	18
3	71	58	49	41	64	53	44	37	43	36	30	33	28	23	24	20	17	12
4	64	50	40	32	58	46	37	30	37	29	24	28	23	18	21	16	13	9
5	58	44	34	27	53	40	31	24	32	25	19	25	19	15	18	14	10	6
6	53	39	29	22	48	35	26	20	28	21	16	22	16	12	16	11	8	5
7	49	35	25	19	44	31	23	17	25	19	14	20	14	10	14	10	7	4
8	45	31	22	16	41	28	20	15	23	16	12	18	12	9	13	9	6	3
9	42	28	20	14	38	26	18	13	21	14	10	16	11	7	12	8	5	2
10	39	26	18	12	35	23	16	11	19	13	9	15	10	6	11	7	4	2

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

	0°	90°	180°	270°
0°	0	0	0	0
5°	483	160	0	160
10°	950	322	0	322
15°	1470	484	0	484
20°	1605	656	0	656
25°	1731	1032	0	1032
30°	2355	1641	0	1641
35°	3361	2301	0	2301
40°	4796	3040	0	3040
45°	6678	3882	10	3882
50°	9198	4612	9	4612
55°	12166	5498	9	5498
60°	14508	6600	9	6600
65°	15990	8029	9	8029
70°	17084	9550	9	9550
75°	18181	11245	10	11245
80°	19215	13855	0	13855
85°	20083	18361	0	18361



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	1.2	0.0
10°-20°	8.5	0.3
20°-30°	23.0	0.9
30°-40°	52.4	2.0
40°-50°	102.3	3.9
50°-60°	181.9	6.9
60°-70°	267.6	10.1
70°-80°	326.1	12.4
80°-90°	356.5	13.5
90°-100°	356.5	13.5
100°-110°	326.1	12.4
110°-120°	267.6	10.1
120°-130°	181.9	6.9
130°-140°	102.3	3.9
140°-150°	52.4	2.0
150°-160°	23.0	0.9
160°-170°	8.5	0.3
170°-180°	1.2	0.0
0°-30°	32.7	1.2
0°-40°	85.1	3.2
0°-60°	369.2	14.0
0°-90°	1319.4	50.0
90°-120°	950.2	36.0
90°-150°	1286.7	48.8
90°-180°	1319.0	50.0
0°-180°	2638.8	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	0	0	0	0	0	
5°	18	5	0	5	18	2
15°	69	16	0	16	69	19
25°	93	34	0	34	93	46
35°	199	70	0	70	199	130
45°	420	107	1	107	420	336
55°	788	130	1	130	788	703
65°	1032	153	1	153	1032	1019
75°	1134	156	1	156	1134	1196
85°	1172	153	0	153	1172	957
90°	1194	151	0	151	1194	651
95°	1172	153	0	153	1172	957
105°	1134	156	1	156	1134	1196
115°	1032	153	1	153	1032	1019
125°	788	130	1	130	788	703
135°	420	107	1	107	420	336
145°	199	70	0	70	199	130
155°	93	34	0	34	93	46
165°	69	16	0	16	69	19
175°	18	5	0	5	18	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°	8.0	8.1	8.2	8.3	8.5	8.6	8.7	8.4	8.4	8.4	8.4
5°	18.4	18.6	18.9	19.1	19.3	19.1	19.1	19.0	19.0	18.9	18.7
7.5°	29.4	29.7	30.0	30.3	30.2	30.2	30.2	30.1	29.9	29.7	29.4
10°	40.4	40.8	41.2	41.6	41.3	41.3	41.2	41.0	40.8	40.5	40.1
12.5°	53.3	53.7	54.1	53.9	53.8	53.7	53.4	53.0	52.6	52.0	51.3
15°	68.6	68.8	69.0	68.5	68.1	67.6	67.0	66.2	65.3	64.4	63.3
17.5°	79.1	79.4	79.7	79.3	79.0	78.7	78.1	77.5	76.6	75.7	74.6
20°	80.9	81.7	82.4	83.0	83.5	83.9	84.2	84.3	84.2	84.0	83.5
22.5°	86.4	87.7	89.0	89.7	90.5	91.1	91.5	91.6	91.5	91.1	90.4
25°	93.1	95.0	96.6	98.1	99.3	100.3	101.0	101.4	101.4	101.1	100.5
27.5°	107.9	109.9	111.3	112.5	113.3	113.9	114.1	114.0	113.6	112.9	112.2
30°	133.6	135.2	135.7	135.8	135.5	134.6	133.3	131.7	129.7	127.3	126.1
32.5°	161.8	163.0	162.7	162.1	160.9	159.1	156.7	153.9	150.7	147.3	144.1
35°	199.2	199.6	197.8	195.6	192.5	188.7	184.2	179.1	173.4	168.7	164.0
37.5°	242.7	242.2	238.9	235.0	230.0	224.0	217.1	209.3	201.1	193.9	186.4
40°	294.2	292.9	288.0	282.3	275.0	266.2	256.1	244.6	233.4	223.0	212.0
42.5°	351.8	349.7	343.1	335.6	326.1	314.8	301.9	287.4	272.9	257.7	241.4
45°	420.4	417.4	408.6	398.5	385.8	370.7	353.3	336.3	316.6	297.6	278.4
47.5°	504.4	499.9	487.8	474.0	457.0	436.9	414.1	390.5	366.9	341.7	319.7
50°	589.5	585.5	572.4	557.1	537.3	513.1	484.5	455.1	424.8	393.8	366.4
52.5°	695.6	691.1	674.6	655.3	630.5	600.4	565.2	530.1	491.0	452.5	417.4
55°	787.5	779.1	760.2	739.8	716.2	689.9	659.0	614.6	564.1	517.2	471.8
57.5°	870.8	858.0	835.0	810.8	783.6	754.4	722.6	684.7	642.9	583.7	528.9
60°	941.3	924.3	897.9	870.5	840.5	808.8	775.2	739.4	696.8	644.5	586.1
62.5°	994.0	971.5	945.4	916.3	885.2	853.0	820.6	786.8	746.1	700.5	638.7
65°	1032.0	1010.3	984.6	954.9	920.8	887.6	856.9	823.7	785.9	742.9	691.1
67.5°	1062.6	1042.5	1018.4	989.8	956.7	923.2	887.8	852.2	815.7	775.3	729.1
70°	1088.4	1071.1	1049.3	1022.2	989.7	953.9	916.1	877.3	838.7	800.5	758.9
72.5°	1108.0	1094.8	1076.9	1052.8	1020.4	980.5	939.9	898.0	859.8	822.2	783.3
75°	1134.3	1123.0	1106.0	1078.2	1041.2	1002.2	959.8	919.4	879.6	840.1	800.6
77.5°	1152.1	1145.8	1132.9	1100.3	1060.4	1017.3	979.1	938.4	896.4	854.8	812.8
80°	1164.4	1160.3	1148.1	1117.3	1075.2	1034.1	992.9	954.1	908.6	865.8	822.2
82.5°	1171.7	1170.9	1161.0	1134.5	1089.3	1045.3	1001.6	959.7	917.5	875.0	833.3
85°	1171.7	1179.3	1175.6	1142.1	1096.2	1050.3	1008.9	968.1	925.2	881.5	840.2
87.5°	1179.7	1185.2	1170.9	1146.5	1102.1	1059.3	1015.8	973.9	927.6	883.3	842.9
90°	1193.8	1185.2	1166.2	1147.2	1103.1	1060.2	1016.1	974.4	924.7	880.6	841.4
92.5°	1179.7	1185.2	1170.9	1146.5	1102.1	1059.3	1015.8	973.9	927.6	883.3	842.9
95°	1171.7	1179.3	1175.6	1142.1	1096.2	1050.3	1008.9	968.1	925.2	881.5	840.2
97.5°	1171.7	1170.9	1161.0	1134.5	1089.3	1045.3	1001.6	959.7	917.5	875.0	833.3
100°	1164.4	1160.3	1148.1	1117.3	1075.2	1034.1	992.9	954.1	908.6	865.8	822.2
102.5°	1152.1	1145.8	1132.9	1100.3	1060.4	1017.3	979.1	938.4	896.4	854.8	812.8
105°	1134.3	1123.0	1106.0	1078.2	1041.2	1002.2	959.8	919.4	879.6	840.1	800.6
107.5°	1108.0	1094.8	1076.9	1052.8	1020.4	980.5	939.9	898.0	859.8	822.2	783.3
110°	1088.4	1071.1	1049.3	1022.2	989.7	953.9	916.1	877.3	838.7	800.5	758.9



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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°	1062.6	1042.5	1018.4	989.8	956.7	923.2	887.8	852.2	815.7	775.3	729.1
115°	1032.0	1010.3	984.6	954.9	920.8	887.6	856.9	823.7	785.9	742.9	691.1
117.5°	994.0	971.5	945.4	916.3	885.2	853.0	820.6	786.8	746.1	700.5	638.7
120°	941.3	924.3	897.9	870.5	840.5	808.8	775.2	739.4	696.8	644.5	586.1
122.5°	870.8	858.0	835.0	810.8	783.6	754.4	722.6	684.7	642.9	583.7	528.9
125°	787.5	779.1	760.2	739.8	716.2	689.9	659.0	614.6	564.1	517.2	471.8
127.5°	695.6	691.1	674.6	655.3	630.5	600.4	565.2	530.1	491.0	452.5	417.4
130°	589.5	585.5	572.4	557.1	537.3	513.1	484.5	455.1	424.8	393.8	366.4
132.5°	504.4	499.9	487.8	474.0	457.0	436.9	414.1	390.5	366.9	341.7	319.7
135°	420.4	417.4	408.6	398.5	385.8	370.7	353.3	336.3	316.6	297.6	278.4
137.5°	351.8	349.7	343.1	335.6	326.1	314.8	301.9	287.4	272.9	257.7	241.4
140°	294.2	292.9	288.0	282.3	275.0	266.2	256.1	244.6	233.4	223.0	212.0
142.5°	242.7	242.2	238.9	235.0	230.0	224.0	217.1	209.3	201.1	193.9	186.4
145°	199.2	199.6	197.8	195.6	192.5	188.7	184.2	179.1	173.4	168.7	164.0
147.5°	161.8	163.0	162.7	162.1	160.9	159.1	156.7	153.9	150.7	147.3	144.1
150°	133.6	135.2	135.7	135.8	135.5	134.6	133.3	131.7	129.7	127.3	126.1
152.5°	107.9	109.9	111.3	112.5	113.3	113.9	114.1	114.0	113.6	112.9	112.2
155°	93.1	95.0	96.6	98.1	99.3	100.3	101.0	101.4	101.4	101.1	100.5
157.5°	86.4	87.7	89.0	89.7	90.5	91.1	91.5	91.6	91.5	91.1	90.4
160°	80.9	81.7	82.4	83.0	83.5	83.9	84.2	84.3	84.2	84.0	83.5
162.5°	79.1	79.4	79.7	79.3	79.0	78.7	78.1	77.5	76.6	75.7	74.6
165°	68.6	68.8	69.0	68.5	68.1	67.6	67.0	66.2	65.3	64.4	63.3
167.5°	53.3	53.7	54.1	53.9	53.8	53.7	53.4	53.0	52.6	52.0	51.3
170°	40.4	40.8	41.2	41.6	41.3	41.3	41.2	41.0	40.8	40.5	40.1
172.5°	29.4	29.7	30.0	30.3	30.2	30.2	30.2	30.1	29.9	29.7	29.4
175°	18.4	18.6	18.9	19.1	19.3	19.1	19.1	19.0	19.0	18.8	18.7
177.5°	8.0	8.1	8.2	8.3	8.5	8.6	8.7	8.4	8.4	8.4	8.4
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	8.3	8.3	8.2	8.1	8.0	7.8	7.7	7.5	7.4	7.2	7.0
5°	18.5	18.3	18.0	17.7	17.3	16.9	16.5	16.1	15.6	15.0	14.5
7.5°	29.1	28.7	28.3	27.8	27.2	26.6	26.0	25.3	24.5	23.7	22.9
10°	39.6	39.1	38.5	37.8	37.0	36.2	35.3	34.4	33.4	32.3	31.2
12.5°	50.5	49.7	48.7	47.7	46.7	45.6	44.5	43.3	42.0	40.6	39.2
15°	62.1	60.8	59.4	58.1	56.7	55.3	53.7	52.1	50.5	48.9	47.2
17.5°	73.3	72.0	70.3	68.5	66.7	64.8	62.8	60.9	59.0	57.0	54.9
20°	82.9	81.6	79.8	77.9	75.9	73.7	71.5	69.2	67.0	64.7	62.4
22.5°	89.6	88.8	87.8	86.4	84.7	82.4	79.8	77.0	74.2	71.6	69.1
25°	99.6	98.4	96.7	94.7	92.7	90.5	88.0	85.0	81.8	78.4	75.3
27.5°	111.3	109.9	108.1	105.9	103.3	100.3	97.3	93.5	89.8	85.7	81.8
30°	124.7	123.0	121.3	118.6	115.6	112.0	108.2	103.8	100.0	97.1	94.0
32.5°	140.6	137.0	134.3	131.8	129.0	125.3	121.5	117.7	113.9	109.9	106.6
35°	159.0	154.1	149.8	145.4	141.9	139.2	136.1	131.9	127.5	123.2	118.8
37.5°	178.6	172.2	166.2	161.9	157.3	153.1	149.4	145.6	141.0	136.0	131.2
40°	201.3	192.7	185.4	179.2	173.5	168.2	163.3	158.6	154.0	148.9	143.4
42.5°	228.1	217.4	207.1	198.8	191.1	184.0	177.5	172.1	166.7	161.3	155.5
45°	261.9	244.9	231.7	219.6	209.5	200.2	192.6	185.4	179.6	173.6	167.3
47.5°	298.9	278.3	259.5	242.1	229.2	217.7	207.8	199.6	192.0	185.8	179.2
50°	338.2	313.6	289.9	268.9	249.7	235.7	223.7	213.4	205.0	197.4	190.9
52.5°	382.6	351.6	322.3	296.7	273.8	253.6	239.6	227.8	217.9	209.1	207.1
55°	430.7	391.6	357.4	325.3	298.2	274.7	254.6	242.4	235.9	232.0	230.8
57.5°	480.1	434.4	392.9	356.3	323.2	295.9	277.3	264.2	256.5	253.0	252.5
60°	528.2	476.9	429.5	386.3	352.8	324.6	301.8	285.2	276.4	272.4	272.4
62.5°	574.0	515.7	466.3	423.0	383.7	351.4	326.3	307.3	295.0	289.4	290.6
65°	620.4	557.4	504.8	457.3	414.8	378.4	349.1	326.8	312.9	306.5	307.5
67.5°	673.6	602.9	543.1	490.2	443.0	402.1	370.7	346.9	331.1	323.0	322.6
70°	706.8	645.3	580.0	520.3	469.9	426.4	391.3	365.1	347.2	338.2	336.1
72.5°	734.2	675.0	610.8	549.4	494.0	447.2	409.0	381.8	361.8	353.0	350.3
75°	754.5	697.0	635.0	574.5	514.5	465.5	426.6	397.7	377.8	367.3	362.8
77.5°	773.6	713.8	651.5	594.4	535.4	485.1	445.1	414.1	392.5	380.8	375.5
80°	783.1	730.9	670.0	610.7	552.4	500.5	460.8	428.9	405.9	393.7	388.3
82.5°	792.7	746.1	683.8	623.7	564.9	512.3	474.0	442.4	418.1	405.9	401.3
85°	799.0	756.9	693.1	633.2	573.4	520.8	485.0	454.5	429.4	417.8	414.1
87.5°	801.9	765.4	700.0	640.9	579.7	527.4	494.6	465.9	440.1	429.3	427.0
90°	801.6	764.2	698.6	641.0	579.7	530.1	501.3	474.9	449.8	440.6	439.4
92.5°	801.9	765.4	700.0	640.9	579.7	527.4	494.6	465.9	440.1	429.3	427.0
95°	799.0	756.9	693.1	633.2	573.4	520.8	485.0	454.5	429.4	417.8	414.1
97.5°	792.7	746.1	683.8	623.7	564.9	512.3	474.0	442.4	418.1	405.9	401.3
100°	783.1	730.9	670.0	610.7	552.4	500.5	460.8	428.9	405.9	393.7	388.3
102.5°	773.6	713.8	651.5	594.4	535.4	485.1	445.1	414.1	392.5	380.8	375.5
105°	754.5	697.0	635.0	574.5	514.5	465.5	426.6	397.7	377.8	367.3	362.8
107.5°	734.2	675.0	610.8	549.4	494.0	447.2	409.0	381.8	361.8	353.0	350.3
110°	706.8	645.3	580.0	520.3	469.9	426.4	391.3	365.1	347.2	338.2	336.1





TEST NUMBER: P231934

CATALOG NUMBER: FVS4WM-2-LD4-40-2LO-PA187-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
112.5°	673.6	602.9	543.1	490.2	443.0	402.1	370.7	346.9	331.1	323.0	322.6
115°	620.4	557.4	504.8	457.3	414.8	378.4	349.1	326.8	312.9	306.5	307.5
117.5°	574.0	515.7	466.3	423.0	383.7	351.4	326.3	307.3	295.0	289.4	290.6
120°	528.2	476.9	429.5	386.3	352.8	324.6	301.8	285.2	276.4	272.4	272.4
122.5°	480.1	434.4	392.9	356.3	323.2	295.9	277.3	264.2	256.5	253.0	252.5
125°	430.7	391.6	357.4	325.3	298.2	274.7	254.6	242.4	235.9	232.0	230.8
127.5°	382.6	351.6	322.3	296.7	273.8	253.6	239.6	227.8	217.9	209.1	207.1
130°	338.2	313.6	289.9	268.9	249.7	235.7	223.7	213.4	205.0	197.4	190.9
132.5°	298.9	278.3	259.5	242.1	229.2	217.7	207.8	199.6	192.0	185.8	179.2
135°	261.9	244.9	231.7	219.6	209.5	200.2	192.6	185.4	179.6	173.6	167.3
137.5°	228.1	217.4	207.1	198.8	191.1	184.0	177.5	172.1	166.7	161.3	155.5
140°	201.3	192.7	185.4	179.2	173.5	168.2	163.3	158.6	154.0	148.9	143.4
142.5°	178.6	172.2	166.2	161.9	157.3	153.1	149.4	145.6	141.0	136.0	131.2
145°	159.0	154.1	149.8	145.4	141.9	139.2	136.1	131.9	127.5	123.2	118.8
147.5°	140.6	137.0	134.3	131.8	129.0	125.3	121.5	117.7	113.9	109.9	106.6
150°	124.7	123.0	121.3	118.6	115.6	112.0	108.2	103.8	100.0	97.1	94.0
152.5°	111.3	109.9	108.1	105.9	103.3	100.3	97.3	93.5	89.8	85.7	81.8
155°	99.6	98.4	96.7	94.7	92.7	90.5	88.0	85.0	81.8	78.4	75.3
157.5°	89.6	88.8	87.8	86.4	84.7	82.4	79.8	77.0	74.2	71.6	69.1
160°	82.9	81.6	79.8	77.9	75.9	73.7	71.5	69.2	67.0	64.7	62.4
162.5°	73.3	72.0	70.3	68.5	66.7	64.8	62.8	60.9	59.0	57.0	54.9
165°	62.1	60.8	59.4	58.1	56.7	55.3	53.7	52.1	50.5	48.9	47.2
167.5°	50.5	49.7	48.7	47.7	46.7	45.6	44.5	43.3	42.0	40.6	39.2
170°	39.6	39.1	38.5	37.8	37.0	36.2	35.3	34.4	33.4	32.3	31.2
172.5°	29.1	28.7	28.3	27.8	27.2	26.6	26.0	25.3	24.5	23.7	22.9
175°	18.5	18.3	18.0	17.7	17.3	16.9	16.5	16.1	15.6	15.0	14.5
177.5°	8.3	8.3	8.2	8.1	8.0	7.8	7.7	7.5	7.4	7.2	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: P231934

CATALOG NUMBER: FVS4WM-2-LD4-40-2LO-PA187-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°	6.8	6.6	6.3	6.1	5.8	5.6	5.3	5.0	4.7	4.4	4.1
5°	13.9	13.2	12.6	12.1	11.6	11.1	10.5	9.9	9.3	8.7	8.1
7.5°	22.0	21.1	20.1	19.0	18.0	16.9	15.7	14.8	13.9	13.0	12.1
10°	30.0	28.8	27.6	26.2	24.8	23.3	21.8	20.2	18.6	17.3	16.1
12.5°	37.8	36.3	34.7	33.1	31.4	29.7	27.8	25.8	23.8	21.7	20.0
15°	45.4	43.5	41.9	39.7	37.8	35.8	33.7	31.4	29.0	26.5	24.0
17.5°	53.1	50.7	48.5	46.2	43.9	41.6	39.3	36.9	34.2	31.3	28.4
20°	60.0	57.6	55.1	52.6	49.9	47.2	44.6	42.0	39.3	36.0	32.7
22.5°	66.7	64.1	61.4	58.7	55.8	52.8	49.8	46.9	43.9	40.8	37.0
25°	72.4	69.8	67.2	64.3	62.6	60.6	58.4	56.0	53.6	50.9	47.4
27.5°	79.4	78.0	77.0	75.8	74.2	72.4	70.2	67.9	65.2	62.3	58.8
30°	91.6	89.3	87.6	86.6	85.3	83.5	81.6	79.3	77.1	73.6	70.2
32.5°	103.3	100.6	98.4	96.8	95.8	94.3	92.5	90.5	88.2	85.0	81.2
35°	115.0	111.5	108.9	106.8	105.6	104.7	103.1	101.4	99.1	96.4	92.2
37.5°	126.6	122.6	119.0	116.9	115.2	114.3	113.2	111.6	109.7	107.6	103.3
40°	138.2	133.3	129.5	126.2	124.6	123.6	123.0	121.6	120.0	118.2	114.3
42.5°	149.5	144.3	139.4	135.8	133.7	132.6	132.2	131.4	130.1	128.6	125.3
45°	161.0	154.7	149.5	145.3	142.1	141.4	141.1	140.9	139.9	138.7	136.3
47.5°	172.0	165.4	159.4	154.5	151.0	151.0	152.5	153.0	151.8	149.6	146.4
50°	183.4	177.0	177.0	176.8	175.6	173.4	172.0	169.7	166.1	161.5	156.5
52.5°	206.7	206.6	208.2	208.1	204.7	198.3	193.4	187.8	181.3	174.2	166.8
55°	231.8	233.9	237.4	240.6	235.7	226.0	216.5	207.2	197.5	187.6	177.6
57.5°	254.6	258.8	264.5	271.4	267.3	255.6	241.1	227.9	214.6	201.7	188.9
60°	275.4	281.4	289.8	299.3	299.8	286.9	267.2	249.8	232.7	216.4	200.6
62.5°	295.0	302.6	313.2	325.7	333.0	319.7	294.9	272.9	251.7	231.6	212.7
65°	313.3	322.3	334.9	350.8	366.5	352.1	324.3	297.0	271.3	247.3	225.1
67.5°	330.1	340.8	355.0	374.7	393.6	384.0	354.5	321.8	291.5	263.4	237.8
70°	345.8	358.6	375.1	395.9	413.5	405.0	372.1	334.3	300.3	269.2	241.7
72.5°	357.5	369.2	383.8	399.6	413.0	407.2	376.0	338.4	304.2	272.4	244.1
75°	366.3	377.2	391.5	405.2	414.2	409.3	378.9	342.0	307.7	275.4	246.3
77.5°	375.8	385.4	399.7	412.6	416.8	411.2	380.8	345.0	310.7	278.1	248.3
80°	385.8	393.8	408.2	421.3	420.5	412.8	381.8	347.4	313.4	280.5	250.0
82.5°	396.3	402.5	417.0	430.9	425.0	414.1	382.0	349.2	315.6	282.7	252.4
85°	407.2	411.6	426.3	441.2	430.0	416.1	382.5	351.5	318.2	285.2	253.3
87.5°	418.3	420.8	435.8	451.9	435.3	415.5	380.6	351.6	319.0	286.3	254.1
90°	429.6	430.8	446.1	462.1	440.0	414.9	378.7	351.8	319.9	287.4	254.9
92.5°	418.3	420.8	435.8	451.9	435.3	415.5	380.6	351.6	319.0	286.3	254.1
95°	407.2	411.6	426.3	441.2	430.0	416.1	382.5	351.5	318.2	285.2	253.3
97.5°	396.3	402.5	417.0	430.9	425.0	414.1	382.0	349.2	315.6	282.7	252.4
100°	385.8	393.8	408.2	421.3	420.5	412.8	381.8	347.4	313.4	280.5	250.0
102.5°	375.8	385.4	399.7	412.6	416.8	411.2	380.8	345.0	310.7	278.1	248.3
105°	366.3	377.2	391.5	405.2	414.2	409.3	378.9	342.0	307.7	275.4	246.3
107.5°	357.5	369.2	383.8	399.6	413.0	407.2	376.0	338.4	304.2	272.4	244.1
110°	345.8	358.6	375.1	395.9	413.5	405.0	372.1	334.3	300.3	269.2	241.7



TEST NUMBER: P231934

CATALOG NUMBER: FVS4WM-2-LD4-40-2LO-PA187-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	330.1	340.8	355.0	374.7	393.6	384.0	354.5	321.8	291.5	263.4	237.8
115°	313.3	322.3	334.9	350.8	366.5	352.1	324.3	297.0	271.3	247.3	225.1
117.5°	295.0	302.6	313.2	325.7	333.0	319.7	294.9	272.9	251.7	231.6	212.7
120°	275.4	281.4	289.8	299.3	299.8	286.9	267.2	249.8	232.7	216.4	200.6
122.5°	254.6	258.8	264.5	271.4	267.3	255.6	241.1	227.9	214.6	201.7	188.9
125°	231.8	233.9	237.4	240.6	235.7	226.0	216.5	207.2	197.5	187.6	177.6
127.5°	206.7	206.6	208.2	208.1	204.7	198.3	193.4	187.8	181.3	174.2	166.8
130°	183.4	177.0	177.0	176.8	175.6	173.4	172.0	169.7	166.1	161.5	156.5
132.5°	172.0	165.4	159.4	154.5	151.0	151.0	152.5	153.0	151.8	149.6	146.4
135°	161.0	154.7	149.5	145.3	142.1	141.4	141.1	140.9	139.9	138.7	136.3
137.5°	149.5	144.3	139.4	135.8	133.7	132.6	132.2	131.4	130.1	128.6	125.3
140°	138.2	133.3	129.5	126.2	124.6	123.6	123.0	121.6	120.0	118.2	114.3
142.5°	126.6	122.6	119.0	116.9	115.2	114.3	113.2	111.6	109.7	107.6	103.3
145°	115.0	111.5	108.9	106.8	105.6	104.7	103.1	101.4	99.1	96.4	92.2
147.5°	103.3	100.6	98.4	96.8	95.8	94.3	92.5	90.5	88.2	85.0	81.2
150°	91.6	89.3	87.6	86.6	85.3	83.5	81.6	79.3	77.1	73.6	70.2
152.5°	79.4	78.0	77.0	75.8	74.2	72.4	70.2	67.9	65.2	62.3	58.8
155°	72.4	69.8	67.2	64.3	62.6	60.6	58.4	56.0	53.6	50.9	47.4
157.5°	66.7	64.1	61.4	58.7	55.8	52.8	49.8	46.9	43.9	40.8	37.0
160°	60.0	57.6	55.1	52.6	49.9	47.2	44.6	42.0	39.3	36.0	32.7
162.5°	53.1	50.7	48.5	46.2	43.9	41.6	39.3	36.9	34.2	31.3	28.4
165°	45.4	43.5	41.9	39.7	37.8	35.8	33.7	31.4	29.0	26.5	24.0
167.5°	37.8	36.3	34.7	33.1	31.4	29.7	27.8	25.8	23.8	21.7	20.0
170°	30.0	28.8	27.6	26.2	24.8	23.3	21.8	20.2	18.6	17.3	16.1
172.5°	22.0	21.1	20.1	19.0	18.0	16.9	15.7	14.8	13.9	13.0	12.1
175°	13.9	13.2	12.6	12.1	11.6	11.1	10.5	9.9	9.3	8.7	8.1
177.5°	6.8	6.6	6.3	6.1	5.8	5.6	5.3	5.0	4.7	4.4	4.1
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: P231934

CATALOG NUMBER: FVS4WM-2-LD4-40-2LO-PA187-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°	3.7	3.4	3.1	2.7	2.7	2.7	2.7	2.7	2.6	2.6	2.6
5°	7.4	6.8	6.1	5.4	5.4	5.4	5.4	5.3	5.3	5.2	5.1
7.5°	11.1	10.2	9.2	8.2	8.1	8.1	8.0	7.9	7.8	7.7	7.6
10°	14.8	13.5	12.2	10.9	10.8	10.8	10.7	10.5	10.4	10.3	10.1
12.5°	18.5	16.9	15.3	13.6	13.5	13.4	13.3	13.1	12.9	12.7	12.5
15°	22.1	20.2	18.3	16.3	16.2	16.1	15.9	15.7	15.5	15.2	14.9
17.5°	25.7	23.5	21.3	19.1	18.9	18.7	18.5	18.2	17.9	17.6	17.3
20°	29.3	26.8	24.3	21.8	21.6	21.3	21.1	20.8	20.4	20.1	19.8
22.5°	33.2	30.1	27.3	24.5	24.2	24.0	23.6	23.3	22.9	22.6	22.3
25°	43.6	40.0	36.9	33.6	33.0	32.3	31.3	30.3	29.3	28.3	27.4
27.5°	54.4	50.1	46.5	42.7	41.8	40.6	39.3	37.8	36.4	35.1	33.6
30°	65.3	60.3	56.2	51.9	50.5	48.9	47.0	45.0	43.3	41.5	39.6
32.5°	76.3	70.7	65.9	61.0	59.1	57.1	54.6	52.1	49.9	47.5	45.2
35°	87.2	81.2	75.6	70.1	67.7	65.1	62.0	59.0	56.2	53.4	50.6
37.5°	98.1	91.6	85.4	79.2	76.3	73.0	69.3	65.7	62.4	59.0	55.6
40°	109.1	102.0	95.2	88.4	84.8	80.8	76.4	72.2	68.2	64.4	60.2
42.5°	120.0	112.5	105.0	97.5	93.3	88.6	83.5	78.5	74.0	69.8	64.6
45°	130.6	122.9	114.8	106.6	101.8	96.2	90.3	84.7	79.6	74.4	68.8
47.5°	139.2	130.6	121.5	112.4	106.1	99.5	93.0	87.1	82.1	76.8	71.0
50°	147.8	138.3	128.3	118.2	110.4	102.5	95.2	88.8	83.4	77.8	71.5
52.5°	156.7	145.9	135.1	124.0	114.6	105.4	97.3	90.5	84.7	78.8	72.5
55°	165.8	153.6	141.9	129.8	118.7	108.2	99.4	92.2	86.0	80.0	73.9
57.5°	175.1	161.3	148.8	135.5	122.7	111.0	101.5	93.9	87.3	81.2	75.6
60°	184.5	169.0	155.6	141.3	126.7	113.7	103.6	95.6	88.8	82.8	77.8
62.5°	194.1	176.7	162.5	147.1	130.6	116.3	105.6	97.2	90.3	84.6	80.0
65°	203.8	184.4	169.3	152.9	134.5	118.9	107.7	98.9	91.8	86.6	82.5
67.5°	213.6	192.1	176.2	158.7	138.3	121.5	109.7	100.6	93.5	88.9	85.3
70°	216.7	194.4	176.6	157.9	137.4	120.6	108.6	99.7	92.9	89.0	86.0
72.5°	219.0	196.6	176.9	157.1	136.5	119.6	107.3	98.4	91.9	88.3	85.3
75°	221.2	198.8	177.9	156.3	135.6	118.7	106.1	97.3	91.0	87.7	84.6
77.5°	223.2	201.0	178.0	155.5	134.7	117.8	104.9	96.2	90.2	87.1	84.1
80°	225.1	204.0	178.0	154.6	133.9	117.0	103.8	95.2	89.4	86.5	83.6
82.5°	227.3	205.9	178.1	153.8	133.1	116.3	102.7	94.3	88.7	86.0	83.2
85°	228.5	207.7	178.2	153.0	132.4	115.7	101.7	93.4	88.1	85.5	82.8
87.5°	229.8	209.6	178.2	152.2	131.7	115.1	100.8	92.6	87.5	85.0	82.4
90°	231.0	211.4	178.3	151.4	131.1	114.6	99.9	91.9	87.0	84.6	82.1
92.5°	229.8	209.6	178.2	152.2	131.7	115.1	100.8	92.6	87.5	85.0	82.4
95°	228.5	207.7	178.2	153.0	132.4	115.7	101.7	93.4	88.1	85.5	82.8
97.5°	227.3	205.9	178.1	153.8	133.1	116.3	102.7	94.3	88.7	86.0	83.2
100°	225.1	204.0	178.0	154.6	133.9	117.0	103.8	95.2	89.4	86.5	83.6
102.5°	223.2	201.0	178.0	155.5	134.7	117.8	104.9	96.2	90.2	87.1	84.1
105°	221.2	198.8	177.9	156.3	135.6	118.7	106.1	97.3	91.0	87.7	84.6
107.5°	219.0	196.6	176.9	157.1	136.5	119.6	107.3	98.4	91.9	88.3	85.3
110°	216.7	194.4	176.6	157.9	137.4	120.6	108.6	99.7	92.9	89.0	86.0



TEST NUMBER: P231934

CATALOG NUMBER: FVS4WM-2-LD4-40-2LO-PA187-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
112.5°	213.6	192.1	176.2	158.7	138.3	121.5	109.7	100.6	93.5	88.9	85.3
115°	203.8	184.4	169.3	152.9	134.5	118.9	107.7	98.9	91.8	86.6	82.5
117.5°	194.1	176.7	162.5	147.1	130.6	116.3	105.6	97.2	90.3	84.6	80.0
120°	184.5	169.0	155.6	141.3	126.7	113.7	103.6	95.6	88.8	82.8	77.8
122.5°	175.1	161.3	148.8	135.5	122.7	111.0	101.5	93.9	87.3	81.2	75.6
125°	165.8	153.6	141.9	129.8	118.7	108.2	99.4	92.2	86.0	80.0	73.9
127.5°	156.7	145.9	135.1	124.0	114.6	105.4	97.3	90.5	84.7	78.8	72.5
130°	147.8	138.3	128.3	118.2	110.4	102.5	95.2	88.8	83.4	77.8	71.5
132.5°	139.2	130.6	121.5	112.4	106.1	99.5	93.0	87.1	82.1	76.8	71.0
135°	130.6	122.9	114.8	106.6	101.8	96.2	90.3	84.7	79.6	74.4	68.8
137.5°	120.0	112.5	105.0	97.5	93.3	88.6	83.5	78.5	74.0	69.8	64.6
140°	109.1	102.0	95.2	88.4	84.8	80.8	76.4	72.2	68.2	64.4	60.2
142.5°	98.1	91.6	85.4	79.2	76.3	73.0	69.3	65.7	62.4	59.0	55.6
145°	87.2	81.2	75.6	70.1	67.7	65.1	62.0	59.0	56.2	53.4	50.6
147.5°	76.3	70.7	65.9	61.0	59.1	57.1	54.6	52.1	49.9	47.5	45.2
150°	65.3	60.3	56.2	51.9	50.5	48.9	47.0	45.0	43.3	41.5	39.6
152.5°	54.4	50.1	46.5	42.7	41.8	40.6	39.3	37.8	36.4	35.1	33.6
155°	43.6	40.0	36.9	33.6	33.0	32.3	31.3	30.3	29.3	28.3	27.4
157.5°	33.2	30.1	27.3	24.5	24.2	24.0	23.6	23.3	22.9	22.6	22.3
160°	29.3	26.8	24.3	21.8	21.6	21.3	21.1	20.8	20.4	20.1	19.8
162.5°	25.7	23.5	21.3	19.1	18.9	18.7	18.5	18.2	17.9	17.6	17.3
165°	22.1	20.2	18.3	16.3	16.2	16.1	15.9	15.7	15.5	15.2	14.9
167.5°	18.5	16.9	15.3	13.6	13.5	13.4	13.3	13.1	12.9	12.7	12.5
170°	14.8	13.5	12.2	10.9	10.8	10.8	10.7	10.5	10.4	10.3	10.1
172.5°	11.1	10.2	9.2	8.2	8.1	8.1	8.0	7.9	7.8	7.7	7.6
175°	7.4	6.8	6.1	5.4	5.4	5.4	5.4	5.3	5.3	5.2	5.1
177.5°	3.7	3.4	3.1	2.7	2.7	2.7	2.7	2.7	2.6	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: P231934

CATALOG NUMBER: FVS4WM-2-LD4-40-2LO-PA187-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	2.3	2.2	2.1	2.1	2.0	1.9
5°	5.0	4.9	4.8	4.7	4.6	4.5	4.3	4.2	4.0	3.9	3.7
7.5°	7.5	7.3	7.2	7.0	6.8	6.6	6.4	6.2	6.0	5.7	5.5
10°	9.9	9.7	9.5	9.2	9.0	8.8	8.5	8.2	8.0	7.7	7.4
12.5°	12.3	12.0	11.8	11.5	11.3	11.0	10.7	10.3	9.9	9.5	9.1
15°	14.6	14.4	14.1	13.8	13.5	13.1	12.7	12.2	11.8	11.3	10.8
17.5°	17.1	16.8	16.5	16.1	15.6	15.1	14.6	14.1	13.5	13.0	12.4
20°	19.6	19.2	18.7	18.2	17.7	17.1	16.5	15.9	15.3	14.8	14.2
22.5°	22.0	21.5	20.9	20.3	19.7	19.0	18.4	17.9	17.3	16.7	15.9
25°	26.2	24.9	23.6	22.4	21.7	21.1	20.5	19.9	19.1	18.3	17.4
27.5°	32.1	30.5	28.8	27.2	25.7	24.3	23.0	21.7	20.7	19.8	18.9
30°	37.6	35.6	33.5	31.5	29.6	27.7	25.9	24.3	22.8	21.5	20.4
32.5°	42.8	40.2	37.6	35.0	32.6	30.3	28.2	26.4	24.7	23.3	22.0
35°	47.5	44.4	41.0	37.8	35.0	32.3	30.0	28.0	26.3	24.7	23.0
37.5°	51.9	47.9	43.8	40.2	36.8	34.0	31.5	29.5	27.6	25.7	24.0
40°	55.9	50.8	46.1	42.0	38.4	35.2	32.9	30.6	28.5	26.7	25.3
42.5°	59.1	53.1	48.1	43.6	39.6	36.6	34.0	31.5	29.6	28.0	26.4
45°	61.8	55.3	49.6	44.8	40.9	37.8	35.0	32.6	30.9	29.2	27.5
47.5°	63.7	57.2	51.1	45.8	42.1	38.8	35.8	34.0	32.1	30.3	28.7
50°	64.6	58.5	52.7	47.7	43.6	39.8	37.2	35.3	33.3	31.6	29.9
52.5°	66.1	60.2	54.5	50.1	46.2	42.6	40.2	37.4	34.5	32.9	30.8
55°	68.0	62.3	56.7	52.6	48.9	46.3	44.0	41.2	38.0	34.9	31.9
57.5°	70.1	64.5	59.5	55.5	51.9	50.3	48.0	44.7	40.9	37.2	33.8
60°	72.6	66.9	62.3	58.6	55.9	54.6	52.2	47.7	43.2	39.1	35.4
62.5°	75.2	69.5	65.3	61.8	60.2	58.9	55.7	50.3	45.2	40.7	36.6
65°	77.9	72.5	68.4	65.2	64.8	63.3	58.6	52.6	47.0	42.0	37.6
67.5°	80.8	75.7	71.9	69.2	69.6	67.9	61.3	54.6	48.6	43.2	38.4
70°	81.8	77.6	74.6	73.5	74.2	71.7	63.8	56.5	50.1	44.3	39.1
72.5°	81.2	77.5	74.6	73.8	74.3	71.7	64.9	58.1	51.4	45.2	39.6
75°	80.8	77.6	74.7	74.0	73.9	70.8	65.3	58.9	52.2	46.1	40.4
77.5°	80.6	77.7	74.7	74.0	73.6	70.6	66.2	59.9	53.2	47.1	41.4
80°	80.5	78.0	74.7	73.9	73.2	70.9	67.5	61.1	54.3	48.4	42.4
82.5°	80.5	78.3	74.8	73.7	72.8	71.6	69.3	62.5	55.7	49.9	43.6
85°	80.5	78.7	74.9	73.4	72.4	72.5	71.4	64.1	57.3	51.6	44.9
87.5°	80.7	79.2	75.1	73.2	72.0	73.6	73.7	65.9	59.2	53.6	46.5
90°	80.9	79.7	75.4	72.9	71.7	74.8	76.0	68.0	61.3	55.8	48.4
92.5°	80.7	79.2	75.1	73.2	72.0	73.6	73.7	65.9	59.2	53.6	46.5
95°	80.5	78.7	74.9	73.4	72.4	72.5	71.4	64.1	57.3	51.6	44.9
97.5°	80.5	78.3	74.8	73.7	72.8	71.6	69.3	62.5	55.7	49.9	43.6
100°	80.5	78.0	74.7	73.9	73.2	70.9	67.5	61.1	54.3	48.4	42.4
102.5°	80.6	77.7	74.7	74.0	73.6	70.6	66.2	59.9	53.2	47.1	41.4
105°	80.8	77.6	74.7	74.0	73.9	70.8	65.3	58.9	52.2	46.1	40.4
107.5°	81.2	77.5	74.6	73.8	74.3	71.7	64.9	58.1	51.4	45.2	39.6
110°	81.8	77.6	74.6	73.5	74.2	71.7	63.8	56.5	50.1	44.3	39.1



TEST NUMBER: P231934

CATALOG NUMBER: FVS4WM-2-LD4-40-2LO-PA187-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	80.8	75.7	71.9	69.2	69.6	67.9	61.3	54.6	48.6	43.2	38.4
115°	77.9	72.5	68.4	65.2	64.8	63.3	58.6	52.6	47.0	42.0	37.6
117.5°	75.2	69.5	65.3	61.8	60.2	58.9	55.7	50.3	45.2	40.7	36.6
120°	72.6	66.9	62.3	58.6	55.9	54.6	52.2	47.7	43.2	39.1	35.4
122.5°	70.1	64.5	59.5	55.5	51.9	50.3	48.0	44.7	40.9	37.2	33.8
125°	68.0	62.3	56.7	52.6	48.9	46.3	44.0	41.2	38.0	34.9	31.9
127.5°	66.1	60.2	54.5	50.1	46.2	42.6	40.2	37.4	34.5	32.9	30.8
130°	64.6	58.5	52.7	47.7	43.6	39.8	37.2	35.3	33.3	31.6	29.9
132.5°	63.7	57.2	51.1	45.8	42.1	38.8	35.8	34.0	32.1	30.3	28.7
135°	61.8	55.3	49.6	44.8	40.9	37.8	35.0	32.6	30.9	29.2	27.5
137.5°	59.1	53.1	48.1	43.6	39.6	36.6	34.0	31.5	29.6	28.0	26.4
140°	55.9	50.8	46.1	42.0	38.4	35.2	32.9	30.6	28.5	26.7	25.3
142.5°	51.9	47.9	43.8	40.2	36.8	34.0	31.5	29.5	27.6	25.7	24.0
145°	47.5	44.4	41.0	37.8	35.0	32.3	30.0	28.0	26.3	24.7	23.0
147.5°	42.8	40.2	37.6	35.0	32.6	30.3	28.2	26.4	24.7	23.3	22.0
150°	37.6	35.6	33.5	31.5	29.6	27.7	25.9	24.3	22.8	21.5	20.4
152.5°	32.1	30.5	28.8	27.2	25.7	24.3	23.0	21.7	20.7	19.8	18.9
155°	26.2	24.9	23.6	22.4	21.7	21.1	20.5	19.9	19.1	18.3	17.4
157.5°	22.0	21.5	20.9	20.3	19.7	19.0	18.4	17.9	17.3	16.7	15.9
160°	19.6	19.2	18.7	18.2	17.7	17.1	16.5	15.9	15.3	14.8	14.2
162.5°	17.1	16.8	16.5	16.1	15.6	15.1	14.6	14.1	13.5	13.0	12.4
165°	14.6	14.4	14.1	13.8	13.5	13.1	12.7	12.2	11.8	11.3	10.8
167.5°	12.3	12.0	11.8	11.5	11.3	11.0	10.7	10.3	9.9	9.5	9.1
170°	9.9	9.7	9.5	9.2	9.0	8.8	8.5	8.2	8.0	7.7	7.4
172.5°	7.5	7.3	7.2	7.0	6.8	6.6	6.4	6.2	6.0	5.7	5.5
175°	5.0	4.9	4.8	4.7	4.6	4.5	4.3	4.2	4.0	3.9	3.7
177.5°	2.5	2.5	2.4	2.4	2.3	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: P231934

CATALOG NUMBER: FVS4WM-2-LD4-40-2LO-PA187-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°	3.6	3.4	3.2	3.0	2.8	2.6	2.4	2.2	2.0	1.8	1.6
7.5°	5.3	5.0	4.7	4.5	4.2	3.9	3.6	3.3	3.0	2.7	2.3
10°	7.0	6.7	6.3	5.9	5.6	5.2	4.8	4.3	3.9	3.5	3.1
12.5°	8.7	8.2	7.8	7.3	6.8	6.3	5.8	5.3	4.8	4.3	3.8
15°	10.2	9.7	9.2	8.6	8.0	7.5	6.9	6.3	5.8	5.1	4.5
17.5°	11.8	11.3	10.7	10.1	9.4	8.8	8.1	7.4	6.7	5.9	5.2
20°	13.6	12.9	12.2	11.4	10.6	9.8	9.1	8.3	7.5	6.7	5.8
22.5°	15.1	14.3	13.4	12.6	11.8	10.9	10.0	9.1	8.3	7.4	6.5
25°	16.5	15.6	14.7	13.8	12.9	11.9	11.0	10.0	9.0	8.0	6.9
27.5°	17.9	17.0	16.0	15.0	13.9	12.8	11.7	10.5	9.5	8.4	7.4
30°	19.3	18.3	17.0	15.8	14.6	13.5	12.4	11.3	10.2	9.1	8.0
32.5°	20.5	19.1	17.8	16.7	15.6	14.4	13.2	12.1	10.9	9.7	8.5
35°	21.5	20.2	19.0	17.8	16.5	15.3	14.1	12.8	11.5	10.3	8.9
37.5°	22.7	21.4	20.1	18.8	17.5	16.2	14.8	13.3	11.9	10.4	9.1
40°	23.8	22.4	21.1	19.7	18.3	16.7	15.1	13.7	12.3	10.9	9.5
42.5°	24.9	23.5	22.1	20.4	18.7	17.2	15.8	14.3	12.7	11.1	9.6
45°	26.1	24.5	22.7	21.0	19.4	17.8	16.1	14.4	12.9	11.5	10.1
47.5°	27.1	25.2	23.4	21.7	19.9	18.1	16.5	15.0	13.5	12.0	10.6
50°	27.9	26.0	24.1	22.2	20.3	18.6	17.0	15.5	14.0	12.5	11.0
52.5°	28.8	26.7	24.7	22.8	20.9	19.2	17.6	16.0	14.5	12.9	11.3
55°	29.6	27.5	25.4	23.4	21.6	19.9	18.2	16.5	14.8	13.1	11.3
57.5°	30.8	28.2	26.0	24.1	22.3	20.6	18.7	16.8	15.0	13.1	11.1
60°	32.1	29.2	26.8	24.9	23.1	21.1	19.0	17.1	15.1	13.0	11.1
62.5°	33.0	29.9	27.4	25.4	23.5	21.5	19.5	17.4	15.2	13.0	11.1
65°	33.7	30.4	27.8	25.6	23.3	21.6	19.9	17.6	15.0	12.7	10.6
67.5°	34.2	30.7	28.1	25.4	23.1	21.1	19.3	17.2	14.7	12.3	10.0
70°	34.6	31.1	28.1	25.2	22.7	20.4	18.2	16.0	14.0	11.6	9.3
72.5°	34.9	31.3	28.0	24.8	22.1	19.6	17.1	14.9	12.8	10.7	8.6
75°	35.4	31.5	27.9	24.4	21.5	18.8	16.3	14.0	11.8	9.6	7.9
77.5°	36.2	31.9	27.7	24.0	20.9	18.1	15.7	13.3	11.0	9.0	7.2
80°	37.1	32.3	27.8	23.8	20.3	17.4	15.0	12.8	10.5	8.6	6.2
82.5°	38.0	32.7	27.9	23.6	19.8	16.5	13.9	11.7	9.8	7.7	5.1
85°	39.0	33.2	28.2	23.5	19.3	15.8	13.0	10.8	9.1	6.9	4.6
87.5°	40.2	33.9	28.7	23.6	19.0	15.1	12.2	10.2	8.4	6.6	4.6
90°	41.7	34.9	29.4	23.9	19.0	14.7	11.6	9.8	8.0	6.7	4.9
92.5°	40.2	33.9	28.7	23.6	19.0	15.1	12.2	10.2	8.4	6.6	4.6
95°	39.0	33.2	28.2	23.5	19.3	15.8	13.0	10.8	9.1	6.9	4.6
97.5°	38.0	32.7	27.9	23.6	19.8	16.5	13.9	11.7	9.8	7.7	5.1
100°	37.1	32.3	27.8	23.8	20.3	17.4	15.0	12.8	10.5	8.6	6.2
102.5°	36.2	31.9	27.7	24.0	20.9	18.1	15.7	13.3	11.0	9.0	7.2
105°	35.4	31.5	27.9	24.4	21.5	18.8	16.3	14.0	11.8	9.6	7.9
107.5°	34.9	31.3	28.0	24.8	22.1	19.6	17.1	14.9	12.8	10.7	8.6
110°	34.6	31.1	28.1	25.2	22.7	20.4	18.2	16.0	14.0	11.6	9.3





TEST NUMBER: P231934

CATALOG NUMBER: FVS4WM-2-LD4-40-2LO-PA187-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
112.5°	34.2	30.7	28.1	25.4	23.1	21.1	19.3	17.2	14.7	12.3	10.0
115°	33.7	30.4	27.8	25.6	23.3	21.6	19.9	17.6	15.0	12.7	10.6
117.5°	33.0	29.9	27.4	25.4	23.5	21.5	19.5	17.4	15.2	13.0	11.1
120°	32.1	29.2	26.8	24.9	23.1	21.1	19.0	17.1	15.1	13.0	11.1
122.5°	30.8	28.2	26.0	24.1	22.3	20.6	18.7	16.8	15.0	13.1	11.1
125°	29.6	27.5	25.4	23.4	21.6	19.9	18.2	16.5	14.8	13.1	11.3
127.5°	28.8	26.7	24.7	22.8	20.9	19.2	17.6	16.0	14.5	12.9	11.3
130°	27.9	26.0	24.1	22.2	20.3	18.6	17.0	15.5	14.0	12.5	11.0
132.5°	27.1	25.2	23.4	21.7	19.9	18.1	16.5	15.0	13.5	12.0	10.6
135°	26.1	24.5	22.7	21.0	19.4	17.8	16.1	14.4	12.9	11.5	10.1
137.5°	24.9	23.5	22.1	20.4	18.7	17.2	15.8	14.3	12.7	11.1	9.6
140°	23.8	22.4	21.1	19.7	18.3	16.7	15.1	13.7	12.3	10.9	9.5
142.5°	22.7	21.4	20.1	18.8	17.5	16.2	14.8	13.3	11.9	10.4	9.1
145°	21.5	20.2	19.0	17.8	16.5	15.3	14.1	12.8	11.5	10.3	8.9
147.5°	20.5	19.1	17.8	16.7	15.6	14.4	13.2	12.1	10.9	9.7	8.5
150°	19.3	18.3	17.0	15.8	14.6	13.5	12.4	11.3	10.2	9.1	8.0
152.5°	17.9	17.0	16.0	15.0	13.9	12.8	11.7	10.5	9.5	8.4	7.4
155°	16.5	15.6	14.7	13.8	12.9	11.9	11.0	10.0	9.0	8.0	6.9
157.5°	15.1	14.3	13.4	12.6	11.8	10.9	10.0	9.1	8.3	7.4	6.5
160°	13.6	12.9	12.2	11.4	10.6	9.8	9.1	8.3	7.5	6.7	5.8
162.5°	11.8	11.3	10.7	10.1	9.4	8.8	8.1	7.4	6.7	5.9	5.2
165°	10.2	9.7	9.2	8.6	8.0	7.5	6.9	6.3	5.8	5.1	4.5
167.5°	8.7	8.2	7.8	7.3	6.8	6.3	5.8	5.3	4.8	4.3	3.8
170°	7.0	6.7	6.3	5.9	5.6	5.2	4.8	4.3	3.9	3.5	3.1
172.5°	5.3	5.0	4.7	4.5	4.2	3.9	3.6	3.3	3.0	2.7	2.3
175°	3.6	3.4	3.2	3.0	2.8	2.6	2.4	2.2	2.0	1.8	1.6
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: P231934

CATALOG NUMBER: FVS4WM-2-LD4-40-2LO-PA187-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	0.5	0.3	0.2	0.1	0.0	0.1	0.2	0.3	0.5
5°	1.3	1.1	0.9	0.7	0.5	0.2	0.0	0.2	0.5	0.7	0.9
7.5°	2.0	1.7	1.4	1.0	0.7	0.3	0.0	0.3	0.7	1.0	1.4
10°	2.6	2.2	1.8	1.3	0.9	0.4	0.0	0.4	0.9	1.3	1.8
12.5°	3.2	2.7	2.2	1.6	1.1	0.5	0.0	0.5	1.1	1.6	2.2
15°	3.9	3.3	2.6	2.0	1.3	0.7	0.0	0.7	1.3	2.0	2.6
17.5°	4.5	3.7	3.0	2.2	1.5	0.7	0.0	0.7	1.5	2.2	3.0
20°	5.0	4.2	3.4	2.5	1.7	0.8	0.0	0.8	1.7	2.5	3.4
22.5°	5.5	4.6	3.7	2.8	1.9	0.9	0.0	0.9	1.9	2.8	3.7
25°	5.9	4.9	3.9	3.0	2.0	1.0	0.0	1.0	2.0	3.0	3.9
27.5°	6.4	5.3	4.2	3.2	2.1	1.1	0.0	1.1	2.1	3.2	4.2
30°	6.8	5.7	4.6	3.4	2.3	1.1	0.0	1.1	2.3	3.4	4.6
32.5°	7.3	6.1	4.9	3.6	2.4	1.2	0.0	1.2	2.4	3.6	4.9
35°	7.6	6.3	5.0	3.7	2.5	1.2	0.0	1.2	2.5	3.7	5.0
37.5°	7.8	6.5	5.2	3.9	2.6	1.3	0.0	1.3	2.6	3.9	5.2
40°	8.1	6.7	5.3	4.0	2.6	1.3	0.0	1.3	2.6	4.0	5.3
42.5°	8.3	6.9	5.5	4.1	2.7	1.4	0.0	1.4	2.7	4.1	5.5
45°	8.7	7.3	6.0	4.6	3.3	2.0	0.6	2.0	3.3	4.6	6.0
47.5°	9.2	7.7	6.3	4.9	3.4	2.0	0.6	2.0	3.4	4.9	6.3
50°	9.5	8.0	6.5	5.0	3.5	2.1	0.6	2.1	3.5	5.0	6.5
52.5°	9.7	8.0	6.5	4.9	3.5	2.0	0.6	2.0	3.5	4.9	6.5
55°	9.5	7.9	6.3	4.8	3.4	2.0	0.6	2.0	3.4	4.8	6.3
57.5°	9.3	7.7	6.2	4.8	3.4	2.0	0.6	2.0	3.4	4.8	6.2
60°	9.4	7.8	6.2	4.7	3.3	1.9	0.6	1.9	3.3	4.7	6.2
62.5°	9.2	7.4	5.8	4.3	3.0	1.8	0.6	1.8	3.0	4.3	5.8
65°	8.6	6.8	5.3	3.9	2.7	1.6	0.6	1.6	2.7	3.9	5.3
67.5°	8.0	6.2	4.7	3.4	2.4	1.4	0.6	1.4	2.4	3.4	4.7
70°	7.3	5.6	4.1	2.8	1.9	1.2	0.6	1.2	1.9	2.8	4.1
72.5°	6.7	5.1	3.6	2.2	1.6	1.0	0.6	1.0	1.6	2.2	3.6
75°	6.5	4.8	3.2	1.9	1.2	0.9	0.6	0.9	1.2	1.9	3.2
77.5°	5.7	4.3	2.6	1.4	0.4	0.1	0.0	0.1	0.4	1.4	2.6
80°	4.4	2.9	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6
82.5°	3.1	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	2.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	2.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	2.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	3.1	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	4.4	2.9	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6
102.5°	5.7	4.3	2.6	1.4	0.4	0.1	0.0	0.1	0.4	1.4	2.6
105°	6.5	4.8	3.2	1.9	1.2	0.9	0.6	0.9	1.2	1.9	3.2
107.5°	6.7	5.1	3.6	2.2	1.6	1.0	0.6	1.0	1.6	2.2	3.6
110°	7.3	5.6	4.1	2.8	1.9	1.2	0.6	1.2	1.9	2.8	4.1



TEST NUMBER: P231934

CATALOG NUMBER: FVS4WM-2-LD4-40-2LO-PA187-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	8.0	6.2	4.7	3.4	2.4	1.4	0.6	1.4	2.4	3.4	4.7
115°	8.6	6.8	5.3	3.9	2.7	1.6	0.6	1.6	2.7	3.9	5.3
117.5°	9.2	7.4	5.8	4.3	3.0	1.8	0.6	1.8	3.0	4.3	5.8
120°	9.4	7.8	6.2	4.7	3.3	1.9	0.6	1.9	3.3	4.7	6.2
122.5°	9.3	7.7	6.2	4.8	3.4	2.0	0.6	2.0	3.4	4.8	6.2
125°	9.5	7.9	6.3	4.8	3.4	2.0	0.6	2.0	3.4	4.8	6.3
127.5°	9.7	8.0	6.5	4.9	3.5	2.0	0.6	2.0	3.5	4.9	6.5
130°	9.5	8.0	6.5	5.0	3.5	2.1	0.6	2.1	3.5	5.0	6.5
132.5°	9.2	7.7	6.3	4.9	3.4	2.0	0.6	2.0	3.4	4.9	6.3
135°	8.7	7.3	6.0	4.6	3.3	2.0	0.6	2.0	3.3	4.6	6.0
137.5°	8.3	6.9	5.5	4.1	2.7	1.4	0.0	1.4	2.7	4.1	5.5
140°	8.1	6.7	5.3	4.0	2.6	1.3	0.0	1.3	2.6	4.0	5.3
142.5°	7.8	6.5	5.2	3.9	2.6	1.3	0.0	1.3	2.6	3.9	5.2
145°	7.6	6.3	5.0	3.7	2.5	1.2	0.0	1.2	2.5	3.7	5.0
147.5°	7.3	6.1	4.9	3.6	2.4	1.2	0.0	1.2	2.4	3.6	4.9
150°	6.8	5.7	4.6	3.4	2.3	1.1	0.0	1.1	2.3	3.4	4.6
152.5°	6.4	5.3	4.2	3.2	2.1	1.1	0.0	1.1	2.1	3.2	4.2
155°	5.9	4.9	3.9	3.0	2.0	1.0	0.0	1.0	2.0	3.0	3.9
157.5°	5.5	4.6	3.7	2.8	1.9	0.9	0.0	0.9	1.9	2.8	3.7
160°	5.0	4.2	3.4	2.5	1.7	0.8	0.0	0.8	1.7	2.5	3.4
162.5°	4.5	3.7	3.0	2.2	1.5	0.7	0.0	0.7	1.5	2.2	3.0
165°	3.9	3.3	2.6	2.0	1.3	0.7	0.0	0.7	1.3	2.0	2.6
167.5°	3.2	2.7	2.2	1.6	1.1	0.5	0.0	0.5	1.1	1.6	2.2
170°	2.6	2.2	1.8	1.3	0.9	0.4	0.0	0.4	0.9	1.3	1.8
172.5°	2.0	1.7	1.4	1.0	0.7	0.3	0.0	0.3	0.7	1.0	1.4
175°	1.3	1.1	0.9	0.7	0.5	0.2	0.0	0.2	0.5	0.7	0.9
177.5°	0.7	0.6	0.5	0.3	0.2	0.1	0.0	0.1	0.2	0.3	0.5
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: P231934

CATALOG NUMBER: FVS4WM-2-LD4-40-2LO-PA187-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	1.6	1.8	2.0	2.2	2.4	2.6	2.8	3.0	3.2
7.5°	1.7	2.0	2.3	2.7	3.0	3.3	3.6	3.9	4.2	4.5	4.7
10°	2.2	2.6	3.1	3.5	3.9	4.3	4.8	5.2	5.6	5.9	6.3
12.5°	2.7	3.2	3.8	4.3	4.8	5.3	5.8	6.3	6.8	7.3	7.8
15°	3.3	3.9	4.5	5.1	5.8	6.3	6.9	7.5	8.0	8.6	9.2
17.5°	3.7	4.5	5.2	5.9	6.7	7.4	8.1	8.8	9.4	10.1	10.7
20°	4.2	5.0	5.8	6.7	7.5	8.3	9.1	9.8	10.6	11.4	12.2
22.5°	4.6	5.5	6.5	7.4	8.3	9.1	10.0	10.9	11.8	12.6	13.4
25°	4.9	5.9	6.9	8.0	9.0	10.0	11.0	11.9	12.9	13.8	14.7
27.5°	5.3	6.4	7.4	8.4	9.5	10.5	11.7	12.8	13.9	15.0	16.0
30°	5.7	6.8	8.0	9.1	10.2	11.3	12.4	13.5	14.6	15.8	17.0
32.5°	6.1	7.3	8.5	9.7	10.9	12.1	13.2	14.4	15.6	16.7	17.8
35°	6.3	7.6	8.9	10.3	11.5	12.8	14.1	15.3	16.5	17.8	19.0
37.5°	6.5	7.8	9.1	10.4	11.9	13.3	14.8	16.2	17.5	18.8	20.1
40°	6.7	8.1	9.5	10.9	12.3	13.7	15.1	16.7	18.3	19.7	21.1
42.5°	6.9	8.3	9.6	11.1	12.7	14.3	15.8	17.2	18.7	20.4	22.1
45°	7.3	8.7	10.1	11.5	12.9	14.4	16.1	17.8	19.4	21.0	22.7
47.5°	7.7	9.2	10.6	12.0	13.5	15.0	16.5	18.1	19.9	21.7	23.4
50°	8.0	9.5	11.0	12.5	14.0	15.5	17.0	18.6	20.3	22.2	24.1
52.5°	8.0	9.7	11.3	12.9	14.5	16.0	17.6	19.2	20.9	22.8	24.7
55°	7.9	9.5	11.3	13.1	14.8	16.5	18.2	19.9	21.6	23.4	25.4
57.5°	7.7	9.3	11.1	13.1	15.0	16.8	18.7	20.6	22.3	24.1	26.0
60°	7.8	9.4	11.1	13.0	15.1	17.1	19.0	21.1	23.1	24.9	26.8
62.5°	7.4	9.2	11.1	13.0	15.2	17.4	19.5	21.5	23.5	25.4	27.4
65°	6.8	8.6	10.6	12.7	15.0	17.6	19.9	21.6	23.3	25.6	27.8
67.5°	6.2	8.0	10.0	12.3	14.7	17.2	19.3	21.1	23.1	25.4	28.1
70°	5.6	7.3	9.3	11.6	14.0	16.0	18.2	20.4	22.7	25.2	28.1
72.5°	5.1	6.7	8.6	10.7	12.8	14.9	17.1	19.6	22.1	24.8	28.0
75°	4.8	6.5	7.9	9.6	11.8	14.0	16.3	18.8	21.5	24.4	27.9
77.5°	4.3	5.7	7.2	9.0	11.0	13.3	15.7	18.1	20.9	24.0	27.7
80°	2.9	4.4	6.2	8.6	10.5	12.8	15.0	17.4	20.3	23.8	27.8
82.5°	1.4	3.1	5.1	7.7	9.8	11.7	13.9	16.5	19.8	23.6	27.9
85°	0.5	2.2	4.6	6.9	9.1	10.8	13.0	15.8	19.3	23.5	28.2
87.5°	0.2	2.1	4.6	6.6	8.4	10.2	12.2	15.1	19.0	23.6	28.7
90°	0.0	2.5	4.9	6.7	8.0	9.8	11.6	14.7	19.0	23.9	29.4
92.5°	0.2	2.1	4.6	6.6	8.4	10.2	12.2	15.1	19.0	23.6	28.7
95°	0.5	2.2	4.6	6.9	9.1	10.8	13.0	15.8	19.3	23.5	28.2
97.5°	1.4	3.1	5.1	7.7	9.8	11.7	13.9	16.5	19.8	23.6	27.9
100°	2.9	4.4	6.2	8.6	10.5	12.8	15.0	17.4	20.3	23.8	27.8
102.5°	4.3	5.7	7.2	9.0	11.0	13.3	15.7	18.1	20.9	24.0	27.7
105°	4.8	6.5	7.9	9.6	11.8	14.0	16.3	18.8	21.5	24.4	27.9
107.5°	5.1	6.7	8.6	10.7	12.8	14.9	17.1	19.6	22.1	24.8	28.0
110°	5.6	7.3	9.3	11.6	14.0	16.0	18.2	20.4	22.7	25.2	28.1



TEST NUMBER: P231934

CATALOG NUMBER: FVS4WM-2-LD4-40-2LO-PA187-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
112.5°	6.2	8.0	10.0	12.3	14.7	17.2	19.3	21.1	23.1	25.4	28.1
115°	6.8	8.6	10.6	12.7	15.0	17.6	19.9	21.6	23.3	25.6	27.8
117.5°	7.4	9.2	11.1	13.0	15.2	17.4	19.5	21.5	23.5	25.4	27.4
120°	7.8	9.4	11.1	13.0	15.1	17.1	19.0	21.1	23.1	24.9	26.8
122.5°	7.7	9.3	11.1	13.1	15.0	16.8	18.7	20.6	22.3	24.1	26.0
125°	7.9	9.5	11.3	13.1	14.8	16.5	18.2	19.9	21.6	23.4	25.4
127.5°	8.0	9.7	11.3	12.9	14.5	16.0	17.6	19.2	20.9	22.8	24.7
130°	8.0	9.5	11.0	12.5	14.0	15.5	17.0	18.6	20.3	22.2	24.1
132.5°	7.7	9.2	10.6	12.0	13.5	15.0	16.5	18.1	19.9	21.7	23.4
135°	7.3	8.7	10.1	11.5	12.9	14.4	16.1	17.8	19.4	21.0	22.7
137.5°	6.9	8.3	9.6	11.1	12.7	14.3	15.8	17.2	18.7	20.4	22.1
140°	6.7	8.1	9.5	10.9	12.3	13.7	15.1	16.7	18.3	19.7	21.1
142.5°	6.5	7.8	9.1	10.4	11.9	13.3	14.8	16.2	17.5	18.8	20.1
145°	6.3	7.6	8.9	10.3	11.5	12.8	14.1	15.3	16.5	17.8	19.0
147.5°	6.1	7.3	8.5	9.7	10.9	12.1	13.2	14.4	15.6	16.7	17.8
150°	5.7	6.8	8.0	9.1	10.2	11.3	12.4	13.5	14.6	15.8	17.0
152.5°	5.3	6.4	7.4	8.4	9.5	10.5	11.7	12.8	13.9	15.0	16.0
155°	4.9	5.9	6.9	8.0	9.0	10.0	11.0	11.9	12.9	13.8	14.7
157.5°	4.6	5.5	6.5	7.4	8.3	9.1	10.0	10.9	11.8	12.6	13.4
160°	4.2	5.0	5.8	6.7	7.5	8.3	9.1	9.8	10.6	11.4	12.2
162.5°	3.7	4.5	5.2	5.9	6.7	7.4	8.1	8.8	9.4	10.1	10.7
165°	3.3	3.9	4.5	5.1	5.8	6.3	6.9	7.5	8.0	8.6	9.2
167.5°	2.7	3.2	3.8	4.3	4.8	5.3	5.8	6.3	6.8	7.3	7.8
170°	2.2	2.6	3.1	3.5	3.9	4.3	4.8	5.2	5.6	5.9	6.3
172.5°	1.7	2.0	2.3	2.7	3.0	3.3	3.6	3.9	4.2	4.5	4.7
175°	1.1	1.3	1.6	1.8	2.0	2.2	2.4	2.6	2.8	3.0	3.2
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: P231934

CATALOG NUMBER: FVS4WM-2-LD4-40-2LO-PA187-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	2.3	2.4	2.4
5°	3.4	3.6	3.7	3.9	4.0	4.2	4.3	4.5	4.6	4.7	4.8
7.5°	5.0	5.3	5.5	5.7	6.0	6.2	6.4	6.6	6.8	7.0	7.2
10°	6.7	7.0	7.4	7.7	8.0	8.2	8.5	8.8	9.0	9.2	9.5
12.5°	8.2	8.7	9.1	9.5	9.9	10.3	10.7	11.0	11.3	11.5	11.8
15°	9.7	10.2	10.8	11.3	11.8	12.2	12.7	13.1	13.5	13.8	14.1
17.5°	11.3	11.8	12.4	13.0	13.5	14.1	14.6	15.1	15.6	16.1	16.5
20°	12.9	13.6	14.2	14.8	15.3	15.9	16.5	17.1	17.7	18.2	18.7
22.5°	14.3	15.1	15.9	16.7	17.3	17.9	18.4	19.0	19.7	20.3	20.9
25°	15.6	16.5	17.4	18.3	19.1	19.9	20.5	21.1	21.7	22.4	23.6
27.5°	17.0	17.9	18.9	19.8	20.7	21.7	23.0	24.3	25.7	27.2	28.8
30°	18.3	19.3	20.4	21.5	22.8	24.3	25.9	27.7	29.6	31.5	33.5
32.5°	19.1	20.5	22.0	23.3	24.7	26.4	28.2	30.3	32.6	35.0	37.6
35°	20.2	21.5	23.0	24.7	26.3	28.0	30.0	32.3	35.0	37.8	41.0
37.5°	21.4	22.7	24.0	25.7	27.6	29.5	31.5	34.0	36.8	40.2	43.8
40°	22.4	23.8	25.3	26.7	28.5	30.6	32.9	35.2	38.4	42.0	46.1
42.5°	23.5	24.9	26.4	28.0	29.6	31.5	34.0	36.6	39.6	43.6	48.1
45°	24.5	26.1	27.5	29.2	30.9	32.6	35.0	37.8	40.9	44.8	49.6
47.5°	25.2	27.1	28.7	30.3	32.1	34.0	35.8	38.8	42.1	45.8	51.1
50°	26.0	27.9	29.9	31.6	33.3	35.3	37.2	39.8	43.6	47.7	52.7
52.5°	26.7	28.8	30.8	32.9	34.5	37.4	40.2	42.6	46.2	50.1	54.5
55°	27.5	29.6	31.9	34.9	38.0	41.2	44.0	46.3	48.9	52.6	56.7
57.5°	28.2	30.8	33.8	37.2	40.9	44.7	48.0	50.3	51.9	55.5	59.5
60°	29.2	32.1	35.4	39.1	43.2	47.7	52.2	54.6	55.9	58.6	62.3
62.5°	29.9	33.0	36.6	40.7	45.2	50.3	55.7	58.9	60.2	61.8	65.3
65°	30.4	33.7	37.6	42.0	47.0	52.6	58.6	63.3	64.8	65.2	68.4
67.5°	30.7	34.2	38.4	43.2	48.6	54.6	61.3	67.9	69.6	69.2	71.9
70°	31.1	34.6	39.1	44.3	50.1	56.5	63.8	71.7	74.2	73.5	74.6
72.5°	31.3	34.9	39.6	45.2	51.4	58.1	64.9	71.7	74.3	73.8	74.6
75°	31.5	35.4	40.4	46.1	52.2	58.9	65.3	70.8	73.9	74.0	74.7
77.5°	31.9	36.2	41.4	47.1	53.2	59.9	66.2	70.6	73.6	74.0	74.7
80°	32.3	37.1	42.4	48.4	54.3	61.1	67.5	70.9	73.2	73.9	74.7
82.5°	32.7	38.0	43.6	49.9	55.7	62.5	69.3	71.6	72.8	73.7	74.8
85°	33.2	39.0	44.9	51.6	57.3	64.1	71.4	72.5	72.4	73.4	74.9
87.5°	33.9	40.2	46.5	53.6	59.2	65.9	73.7	73.6	72.0	73.2	75.1
90°	34.9	41.7	48.4	55.8	61.3	68.0	76.0	74.8	71.7	72.9	75.4
92.5°	33.9	40.2	46.5	53.6	59.2	65.9	73.7	73.6	72.0	73.2	75.1
95°	33.2	39.0	44.9	51.6	57.3	64.1	71.4	72.5	72.4	73.4	74.9
97.5°	32.7	38.0	43.6	49.9	55.7	62.5	69.3	71.6	72.8	73.7	74.8
100°	32.3	37.1	42.4	48.4	54.3	61.1	67.5	70.9	73.2	73.9	74.7
102.5°	31.9	36.2	41.4	47.1	53.2	59.9	66.2	70.6	73.6	74.0	74.7
105°	31.5	35.4	40.4	46.1	52.2	58.9	65.3	70.8	73.9	74.0	74.7
107.5°	31.3	34.9	39.6	45.2	51.4	58.1	64.9	71.7	74.3	73.8	74.6
110°	31.1	34.6	39.1	44.3	50.1	56.5	63.8	71.7	74.2	73.5	74.6



TEST NUMBER: P231934

CATALOG NUMBER: FVS4WM-2-LD4-40-2LO-PA187-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	30.7	34.2	38.4	43.2	48.6	54.6	61.3	67.9	69.6	69.2	71.9
115°	30.4	33.7	37.6	42.0	47.0	52.6	58.6	63.3	64.8	65.2	68.4
117.5°	29.9	33.0	36.6	40.7	45.2	50.3	55.7	58.9	60.2	61.8	65.3
120°	29.2	32.1	35.4	39.1	43.2	47.7	52.2	54.6	55.9	58.6	62.3
122.5°	28.2	30.8	33.8	37.2	40.9	44.7	48.0	50.3	51.9	55.5	59.5
125°	27.5	29.6	31.9	34.9	38.0	41.2	44.0	46.3	48.9	52.6	56.7
127.5°	26.7	28.8	30.8	32.9	34.5	37.4	40.2	42.6	46.2	50.1	54.5
130°	26.0	27.9	29.9	31.6	33.3	35.3	37.2	39.8	43.6	47.7	52.7
132.5°	25.2	27.1	28.7	30.3	32.1	34.0	35.8	38.8	42.1	45.8	51.1
135°	24.5	26.1	27.5	29.2	30.9	32.6	35.0	37.8	40.9	44.8	49.6
137.5°	23.5	24.9	26.4	28.0	29.6	31.5	34.0	36.6	39.6	43.6	48.1
140°	22.4	23.8	25.3	26.7	28.5	30.6	32.9	35.2	38.4	42.0	46.1
142.5°	21.4	22.7	24.0	25.7	27.6	29.5	31.5	34.0	36.8	40.2	43.8
145°	20.2	21.5	23.0	24.7	26.3	28.0	30.0	32.3	35.0	37.8	41.0
147.5°	19.1	20.5	22.0	23.3	24.7	26.4	28.2	30.3	32.6	35.0	37.6
150°	18.3	19.3	20.4	21.5	22.8	24.3	25.9	27.7	29.6	31.5	33.5
152.5°	17.0	17.9	18.9	19.8	20.7	21.7	23.0	24.3	25.7	27.2	28.8
155°	15.6	16.5	17.4	18.3	19.1	19.9	20.5	21.1	21.7	22.4	23.6
157.5°	14.3	15.1	15.9	16.7	17.3	17.9	18.4	19.0	19.7	20.3	20.9
160°	12.9	13.6	14.2	14.8	15.3	15.9	16.5	17.1	17.7	18.2	18.7
162.5°	11.3	11.8	12.4	13.0	13.5	14.1	14.6	15.1	15.6	16.1	16.5
165°	9.7	10.2	10.8	11.3	11.8	12.2	12.7	13.1	13.5	13.8	14.1
167.5°	8.2	8.7	9.1	9.5	9.9	10.3	10.7	11.0	11.3	11.5	11.8
170°	6.7	7.0	7.4	7.7	8.0	8.2	8.5	8.8	9.0	9.2	9.5
172.5°	5.0	5.3	5.5	5.7	6.0	6.2	6.4	6.6	6.8	7.0	7.2
175°	3.4	3.6	3.7	3.9	4.0	4.2	4.3	4.5	4.6	4.7	4.8
177.5°	1.7	1.8	1.9	2.0	2.1	2.1	2.2	2.3	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: P231934

CATALOG NUMBER: FVS4WM-2-LD4-40-2LO-PA187-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	2.6	2.7	2.7	2.7	2.7	2.7	3.1
5°	4.9	5.0	5.1	5.2	5.3	5.3	5.4	5.4	5.4	5.4	6.1
7.5°	7.3	7.5	7.6	7.7	7.8	7.9	8.0	8.1	8.1	8.2	9.2
10°	9.7	9.9	10.1	10.3	10.4	10.5	10.7	10.8	10.8	10.9	12.2
12.5°	12.0	12.3	12.5	12.7	12.9	13.1	13.3	13.4	13.5	13.6	15.3
15°	14.4	14.6	14.9	15.2	15.5	15.7	15.9	16.1	16.2	16.3	18.3
17.5°	16.8	17.1	17.3	17.6	17.9	18.2	18.5	18.7	18.9	19.1	21.3
20°	19.2	19.6	19.8	20.1	20.4	20.8	21.1	21.3	21.6	21.8	24.3
22.5°	21.5	22.0	22.3	22.6	22.9	23.3	23.6	24.0	24.2	24.5	27.3
25°	24.9	26.2	27.4	28.3	29.3	30.3	31.3	32.3	33.0	33.6	36.9
27.5°	30.5	32.1	33.6	35.1	36.4	37.8	39.3	40.6	41.8	42.7	46.5
30°	35.6	37.6	39.6	41.5	43.3	45.0	47.0	48.9	50.5	51.9	56.2
32.5°	40.2	42.8	45.2	47.5	49.9	52.1	54.6	57.1	59.1	61.0	65.9
35°	44.4	47.5	50.6	53.4	56.2	59.0	62.0	65.1	67.7	70.1	75.6
37.5°	47.9	51.9	55.6	59.0	62.4	65.7	69.3	73.0	76.3	79.2	85.4
40°	50.8	55.9	60.2	64.4	68.2	72.2	76.4	80.8	84.8	88.4	95.2
42.5°	53.1	59.1	64.6	69.8	74.0	78.5	83.5	88.6	93.3	97.5	105.0
45°	55.3	61.8	68.8	74.4	79.6	84.7	90.3	96.2	101.8	106.6	114.8
47.5°	57.2	63.7	71.0	76.8	82.1	87.1	93.0	99.5	106.1	112.4	121.5
50°	58.5	64.6	71.5	77.8	83.4	88.8	95.2	102.5	110.4	118.2	128.3
52.5°	60.2	66.1	72.5	78.8	84.7	90.5	97.3	105.4	114.6	124.0	135.1
55°	62.3	68.0	73.9	80.0	86.0	92.2	99.4	108.2	118.7	129.8	141.9
57.5°	64.5	70.1	75.6	81.2	87.3	93.9	101.5	111.0	122.7	135.5	148.8
60°	66.9	72.6	77.8	82.8	88.8	95.6	103.6	113.7	126.7	141.3	155.6
62.5°	69.5	75.2	80.0	84.6	90.3	97.2	105.6	116.3	130.6	147.1	162.5
65°	72.5	77.9	82.5	86.6	91.8	98.9	107.7	118.9	134.5	152.9	169.3
67.5°	75.7	80.8	85.3	88.9	93.5	100.6	109.7	121.5	138.3	158.7	176.2
70°	77.6	81.8	86.0	89.0	92.9	99.7	108.6	120.6	137.4	157.9	176.6
72.5°	77.5	81.2	85.3	88.3	91.9	98.4	107.3	119.6	136.5	157.1	176.9
75°	77.6	80.8	84.6	87.7	91.0	97.3	106.1	118.7	135.6	156.3	177.9
77.5°	77.7	80.6	84.1	87.1	90.2	96.2	104.9	117.8	134.7	155.5	178.0
80°	78.0	80.5	83.6	86.5	89.4	95.2	103.8	117.0	133.9	154.6	178.0
82.5°	78.3	80.5	83.2	86.0	88.7	94.3	102.7	116.3	133.1	153.8	178.1
85°	78.7	80.5	82.8	85.5	88.1	93.4	101.7	115.7	132.4	153.0	178.2
87.5°	79.2	80.7	82.4	85.0	87.5	92.6	100.8	115.1	131.7	152.2	178.2
90°	79.7	80.9	82.1	84.6	87.0	91.9	99.9	114.6	131.1	151.4	178.3
92.5°	79.2	80.7	82.4	85.0	87.5	92.6	100.8	115.1	131.7	152.2	178.2
95°	78.7	80.5	82.8	85.5	88.1	93.4	101.7	115.7	132.4	153.0	178.2
97.5°	78.3	80.5	83.2	86.0	88.7	94.3	102.7	116.3	133.1	153.8	178.1
100°	78.0	80.5	83.6	86.5	89.4	95.2	103.8	117.0	133.9	154.6	178.0
102.5°	77.7	80.6	84.1	87.1	90.2	96.2	104.9	117.8	134.7	155.5	178.0
105°	77.6	80.8	84.6	87.7	91.0	97.3	106.1	118.7	135.6	156.3	177.9
107.5°	77.5	81.2	85.3	88.3	91.9	98.4	107.3	119.6	136.5	157.1	176.9
110°	77.6	81.8	86.0	89.0	92.9	99.7	108.6	120.6	137.4	157.9	176.6





TEST NUMBER: P231934

CATALOG NUMBER: FVS4WM-2-LD4-40-2LO-PA187-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
112.5°	75.7	80.8	85.3	88.9	93.5	100.6	109.7	121.5	138.3	158.7	176.2
115°	72.5	77.9	82.5	86.6	91.8	98.9	107.7	118.9	134.5	152.9	169.3
117.5°	69.5	75.2	80.0	84.6	90.3	97.2	105.6	116.3	130.6	147.1	162.5
120°	66.9	72.6	77.8	82.8	88.8	95.6	103.6	113.7	126.7	141.3	155.6
122.5°	64.5	70.1	75.6	81.2	87.3	93.9	101.5	111.0	122.7	135.5	148.8
125°	62.3	68.0	73.9	80.0	86.0	92.2	99.4	108.2	118.7	129.8	141.9
127.5°	60.2	66.1	72.5	78.8	84.7	90.5	97.3	105.4	114.6	124.0	135.1
130°	58.5	64.6	71.5	77.8	83.4	88.8	95.2	102.5	110.4	118.2	128.3
132.5°	57.2	63.7	71.0	76.8	82.1	87.1	93.0	99.5	106.1	112.4	121.5
135°	55.3	61.8	68.8	74.4	79.6	84.7	90.3	96.2	101.8	106.6	114.8
137.5°	53.1	59.1	64.6	69.8	74.0	78.5	83.5	88.6	93.3	97.5	105.0
140°	50.8	55.9	60.2	64.4	68.2	72.2	76.4	80.8	84.8	88.4	95.2
142.5°	47.9	51.9	55.6	59.0	62.4	65.7	69.3	73.0	76.3	79.2	85.4
145°	44.4	47.5	50.6	53.4	56.2	59.0	62.0	65.1	67.7	70.1	75.6
147.5°	40.2	42.8	45.2	47.5	49.9	52.1	54.6	57.1	59.1	61.0	65.9
150°	35.6	37.6	39.6	41.5	43.3	45.0	47.0	48.9	50.5	51.9	56.2
152.5°	30.5	32.1	33.6	35.1	36.4	37.8	39.3	40.6	41.8	42.7	46.5
155°	24.9	26.2	27.4	28.3	29.3	30.3	31.3	32.3	33.0	33.6	36.9
157.5°	21.5	22.0	22.3	22.6	22.9	23.3	23.6	24.0	24.2	24.5	27.3
160°	19.2	19.6	19.8	20.1	20.4	20.8	21.1	21.3	21.6	21.8	24.3
162.5°	16.8	17.1	17.3	17.6	17.9	18.2	18.5	18.7	18.9	19.1	21.3
165°	14.4	14.6	14.9	15.2	15.5	15.7	15.9	16.1	16.2	16.3	18.3
167.5°	12.0	12.3	12.5	12.7	12.9	13.1	13.3	13.4	13.5	13.6	15.3
170°	9.7	9.9	10.1	10.3	10.4	10.5	10.7	10.8	10.8	10.9	12.2
172.5°	7.3	7.5	7.6	7.7	7.8	7.9	8.0	8.1	8.1	8.2	9.2
175°	4.9	5.0	5.1	5.2	5.3	5.3	5.4	5.4	5.4	5.4	6.1
177.5°	2.5	2.5	2.6	2.6	2.6	2.7	2.7	2.7	2.7	2.7	3.1
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: P231934

CATALOG NUMBER: FVS4WM-2-LD4-40-2LO-PA187-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°	3.4	3.7	4.1	4.4	4.7	5.0	5.3	5.6	5.8	6.1	6.3
5°	6.8	7.4	8.1	8.7	9.3	9.9	10.5	11.1	11.6	12.1	12.6
7.5°	10.2	11.1	12.1	13.0	13.9	14.8	15.7	16.9	18.0	19.0	20.1
10°	13.5	14.8	16.1	17.3	18.6	20.2	21.8	23.3	24.8	26.2	27.6
12.5°	16.9	18.5	20.0	21.7	23.8	25.8	27.8	29.7	31.4	33.1	34.7
15°	20.2	22.1	24.0	26.5	29.0	31.4	33.7	35.8	37.8	39.7	41.9
17.5°	23.5	25.7	28.4	31.3	34.2	36.9	39.3	41.6	43.9	46.2	48.5
20°	26.8	29.3	32.7	36.0	39.3	42.0	44.6	47.2	49.9	52.6	55.1
22.5°	30.1	33.2	37.0	40.8	43.9	46.9	49.8	52.8	55.8	58.7	61.4
25°	40.0	43.6	47.4	50.9	53.6	56.0	58.4	60.6	62.6	64.3	67.2
27.5°	50.1	54.4	58.8	62.3	65.2	67.9	70.2	72.4	74.2	75.8	77.0
30°	60.3	65.3	70.2	73.6	77.1	79.3	81.6	83.5	85.3	86.6	87.6
32.5°	70.7	76.3	81.2	85.0	88.2	90.5	92.5	94.3	95.8	96.8	98.4
35°	81.2	87.2	92.2	96.4	99.1	101.4	103.1	104.7	105.6	106.8	108.9
37.5°	91.6	98.1	103.3	107.6	109.7	111.6	113.2	114.3	115.2	116.9	119.0
40°	102.0	109.1	114.3	118.2	120.0	121.6	123.0	123.6	124.6	126.2	129.5
42.5°	112.5	120.0	125.3	128.6	130.1	131.4	132.2	132.6	133.7	135.8	139.4
45°	122.9	130.6	136.3	138.7	139.9	140.9	141.1	141.4	142.1	145.3	149.5
47.5°	130.6	139.2	146.4	149.6	151.8	153.0	152.5	151.0	151.0	154.5	159.4
50°	138.3	147.8	156.5	161.5	166.1	169.7	172.0	173.4	175.6	176.8	177.0
52.5°	145.9	156.7	166.8	174.2	181.3	187.8	193.4	198.3	204.7	208.1	208.2
55°	153.6	165.8	177.6	187.6	197.5	207.2	216.5	226.0	235.7	240.6	237.4
57.5°	161.3	175.1	188.9	201.7	214.6	227.9	241.1	255.6	267.3	271.4	264.5
60°	169.0	184.5	200.6	216.4	232.7	249.8	267.2	286.9	299.8	299.3	289.8
62.5°	176.7	194.1	212.7	231.6	251.7	272.9	294.9	319.7	333.0	325.7	313.2
65°	184.4	203.8	225.1	247.3	271.3	297.0	324.3	352.1	366.5	350.8	334.9
67.5°	192.1	213.6	237.8	263.4	291.5	321.8	354.5	384.0	393.6	374.7	355.0
70°	194.4	216.7	241.7	269.2	300.3	334.3	372.1	405.0	413.5	395.9	375.1
72.5°	196.6	219.0	244.1	272.4	304.2	338.4	376.0	407.2	413.0	399.6	383.8
75°	198.8	221.2	246.3	275.4	307.7	342.0	378.9	409.3	414.2	405.2	391.5
77.5°	201.0	223.2	248.3	278.1	310.7	345.0	380.8	411.2	416.8	412.6	399.7
80°	204.0	225.1	250.0	280.5	313.4	347.4	381.8	412.8	420.5	421.3	408.2
82.5°	205.9	227.3	252.4	282.7	315.6	349.2	382.0	414.1	425.0	430.9	417.0
85°	207.7	228.5	253.3	285.2	318.2	351.5	382.5	416.1	430.0	441.2	426.3
87.5°	209.6	229.8	254.1	286.3	319.0	351.6	380.6	415.5	435.3	451.9	435.8
90°	211.4	231.0	254.9	287.4	319.9	351.8	378.7	414.9	440.0	462.1	446.1
92.5°	209.6	229.8	254.1	286.3	319.0	351.6	380.6	415.5	435.3	451.9	435.8
95°	207.7	228.5	253.3	285.2	318.2	351.5	382.5	416.1	430.0	441.2	426.3
97.5°	205.9	227.3	252.4	282.7	315.6	349.2	382.0	414.1	425.0	430.9	417.0
100°	204.0	225.1	250.0	280.5	313.4	347.4	381.8	412.8	420.5	421.3	408.2
102.5°	201.0	223.2	248.3	278.1	310.7	345.0	380.8	411.2	416.8	412.6	399.7
105°	198.8	221.2	246.3	275.4	307.7	342.0	378.9	409.3	414.2	405.2	391.5
107.5°	196.6	219.0	244.1	272.4	304.2	338.4	376.0	407.2	413.0	399.6	383.8
110°	194.4	216.7	241.7	269.2	300.3	334.3	372.1	405.0	413.5	395.9	375.1



TEST NUMBER: P231934

CATALOG NUMBER: FVS4WM-2-LD4-40-2LO-PA187-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	192.1	213.6	237.8	263.4	291.5	321.8	354.5	384.0	393.6	374.7	355.0
115°	184.4	203.8	225.1	247.3	271.3	297.0	324.3	352.1	366.5	350.8	334.9
117.5°	176.7	194.1	212.7	231.6	251.7	272.9	294.9	319.7	333.0	325.7	313.2
120°	169.0	184.5	200.6	216.4	232.7	249.8	267.2	286.9	299.8	299.3	289.8
122.5°	161.3	175.1	188.9	201.7	214.6	227.9	241.1	255.6	267.3	271.4	264.5
125°	153.6	165.8	177.6	187.6	197.5	207.2	216.5	226.0	235.7	240.6	237.4
127.5°	145.9	156.7	166.8	174.2	181.3	187.8	193.4	198.3	204.7	208.1	208.2
130°	138.3	147.8	156.5	161.5	166.1	169.7	172.0	173.4	175.6	176.8	177.0
132.5°	130.6	139.2	146.4	149.6	151.8	153.0	152.5	151.0	151.0	154.5	159.4
135°	122.9	130.6	136.3	138.7	139.9	140.9	141.1	141.4	142.1	145.3	149.5
137.5°	112.5	120.0	125.3	128.6	130.1	131.4	132.2	132.6	133.7	135.8	139.4
140°	102.0	109.1	114.3	118.2	120.0	121.6	123.0	123.6	124.6	126.2	129.5
142.5°	91.6	98.1	103.3	107.6	109.7	111.6	113.2	114.3	115.2	116.9	119.0
145°	81.2	87.2	92.2	96.4	99.1	101.4	103.1	104.7	105.6	106.8	108.9
147.5°	70.7	76.3	81.2	85.0	88.2	90.5	92.5	94.3	95.8	96.8	98.4
150°	60.3	65.3	70.2	73.6	77.1	79.3	81.6	83.5	85.3	86.6	87.6
152.5°	50.1	54.4	58.8	62.3	65.2	67.9	70.2	72.4	74.2	75.8	77.0
155°	40.0	43.6	47.4	50.9	53.6	56.0	58.4	60.6	62.6	64.3	67.2
157.5°	30.1	33.2	37.0	40.8	43.9	46.9	49.8	52.8	55.8	58.7	61.4
160°	26.8	29.3	32.7	36.0	39.3	42.0	44.6	47.2	49.9	52.6	55.1
162.5°	23.5	25.7	28.4	31.3	34.2	36.9	39.3	41.6	43.9	46.2	48.5
165°	20.2	22.1	24.0	26.5	29.0	31.4	33.7	35.8	37.8	39.7	41.9
167.5°	16.9	18.5	20.0	21.7	23.8	25.8	27.8	29.7	31.4	33.1	34.7
170°	13.5	14.8	16.1	17.3	18.6	20.2	21.8	23.3	24.8	26.2	27.6
172.5°	10.2	11.1	12.1	13.0	13.9	14.8	15.7	16.9	18.0	19.0	20.1
175°	6.8	7.4	8.1	8.7	9.3	9.9	10.5	11.1	11.6	12.1	12.6
177.5°	3.4	3.7	4.1	4.4	4.7	5.0	5.3	5.6	5.8	6.1	6.3
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: P231934

CATALOG NUMBER: FVS4WM-2-LD4-40-2LO-PA187-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°	6.6	6.8	7.0	7.2	7.4	7.5	7.7	7.8	8.0	8.1	8.2
5°	13.2	13.9	14.5	15.0	15.6	16.1	16.5	16.9	17.3	17.7	18.0
7.5°	21.1	22.0	22.9	23.7	24.5	25.3	26.0	26.6	27.2	27.8	28.3
10°	28.8	30.0	31.2	32.3	33.4	34.4	35.3	36.2	37.0	37.8	38.5
12.5°	36.3	37.8	39.2	40.6	42.0	43.3	44.5	45.6	46.7	47.7	48.7
15°	43.5	45.4	47.2	48.9	50.5	52.1	53.7	55.3	56.7	58.1	59.4
17.5°	50.7	53.1	54.9	57.0	59.0	60.9	62.8	64.8	66.7	68.5	70.3
20°	57.6	60.0	62.4	64.7	67.0	69.2	71.5	73.7	75.9	77.9	79.8
22.5°	64.1	66.7	69.1	71.6	74.2	77.0	79.8	82.4	84.7	86.4	87.8
25°	69.8	72.4	75.3	78.4	81.8	85.0	88.0	90.5	92.7	94.7	96.7
27.5°	78.0	79.4	81.8	85.7	89.8	93.5	97.3	100.3	103.3	105.9	108.1
30°	89.3	91.6	94.0	97.1	100.0	103.8	108.2	112.0	115.6	118.6	121.3
32.5°	100.6	103.3	106.6	109.9	113.9	117.7	121.5	125.3	129.0	131.8	134.3
35°	111.5	115.0	118.8	123.2	127.5	131.9	136.1	139.2	141.9	145.4	149.8
37.5°	122.6	126.6	131.2	136.0	141.0	145.6	149.4	153.1	157.3	161.9	166.2
40°	133.3	138.2	143.4	148.9	154.0	158.6	163.3	168.2	173.5	179.2	185.4
42.5°	144.3	149.5	155.5	161.3	166.7	172.1	177.5	184.0	191.1	198.8	207.1
45°	154.7	161.0	167.3	173.6	179.6	185.4	192.6	200.2	209.5	219.6	231.7
47.5°	165.4	172.0	179.2	185.8	192.0	199.6	207.8	217.7	229.2	242.1	259.5
50°	177.0	183.4	190.9	197.4	205.0	213.4	223.7	235.7	249.7	268.9	289.9
52.5°	206.6	206.7	207.1	209.1	217.9	227.8	239.6	253.6	273.8	296.7	322.3
55°	233.9	231.8	230.8	232.0	235.9	242.4	254.6	274.7	298.2	325.3	357.4
57.5°	258.8	254.6	252.5	253.0	256.5	264.2	277.3	295.9	323.2	356.3	392.9
60°	281.4	275.4	272.4	272.4	276.4	285.2	301.8	324.6	352.8	386.3	429.5
62.5°	302.6	295.0	290.6	289.4	295.0	307.3	326.3	351.4	383.7	423.0	466.3
65°	322.3	313.3	307.5	306.5	312.9	326.8	349.1	378.4	414.8	457.3	504.8
67.5°	340.8	330.1	322.6	323.0	331.1	346.9	370.7	402.1	443.0	490.2	543.1
70°	358.6	345.8	336.1	338.2	347.2	365.1	391.3	426.4	469.9	520.3	580.0
72.5°	369.2	357.5	350.3	353.0	361.8	381.8	409.0	447.2	494.0	549.4	610.8
75°	377.2	366.3	362.8	367.3	377.8	397.7	426.6	465.5	514.5	574.5	635.0
77.5°	385.4	375.8	375.5	380.8	392.5	414.1	445.1	485.1	535.4	594.4	651.5
80°	393.8	385.8	388.3	393.7	405.9	428.9	460.8	500.5	552.4	610.7	670.0
82.5°	402.5	396.3	401.3	405.9	418.1	442.4	474.0	512.3	564.9	623.7	683.8
85°	411.6	407.2	414.1	417.8	429.4	454.5	485.0	520.8	573.4	633.2	693.1
87.5°	420.8	418.3	427.0	429.3	440.1	465.9	494.6	527.4	579.7	640.9	700.0
90°	430.8	429.6	439.4	440.6	449.8	474.9	501.3	530.1	579.7	641.0	698.6
92.5°	420.8	418.3	427.0	429.3	440.1	465.9	494.6	527.4	579.7	640.9	700.0
95°	411.6	407.2	414.1	417.8	429.4	454.5	485.0	520.8	573.4	633.2	693.1
97.5°	402.5	396.3	401.3	405.9	418.1	442.4	474.0	512.3	564.9	623.7	683.8
100°	393.8	385.8	388.3	393.7	405.9	428.9	460.8	500.5	552.4	610.7	670.0
102.5°	385.4	375.8	375.5	380.8	392.5	414.1	445.1	485.1	535.4	594.4	651.5
105°	377.2	366.3	362.8	367.3	377.8	397.7	426.6	465.5	514.5	574.5	635.0
107.5°	369.2	357.5	350.3	353.0	361.8	381.8	409.0	447.2	494.0	549.4	610.8
110°	358.6	345.8	336.1	338.2	347.2	365.1	391.3	426.4	469.9	520.3	580.0



TEST NUMBER: P231934

CATALOG NUMBER: FVS4WM-2-LD4-40-2LO-PA187-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
112.5°	340.8	330.1	322.6	323.0	331.1	346.9	370.7	402.1	443.0	490.2	543.1
115°	322.3	313.3	307.5	306.5	312.9	326.8	349.1	378.4	414.8	457.3	504.8
117.5°	302.6	295.0	290.6	289.4	295.0	307.3	326.3	351.4	383.7	423.0	466.3
120°	281.4	275.4	272.4	272.4	276.4	285.2	301.8	324.6	352.8	386.3	429.5
122.5°	258.8	254.6	252.5	253.0	256.5	264.2	277.3	295.9	323.2	356.3	392.9
125°	233.9	231.8	230.8	232.0	235.9	242.4	254.6	274.7	298.2	325.3	357.4
127.5°	206.6	206.7	207.1	209.1	217.9	227.8	239.6	253.6	273.8	296.7	322.3
130°	177.0	183.4	190.9	197.4	205.0	213.4	223.7	235.7	249.7	268.9	289.9
132.5°	165.4	172.0	179.2	185.8	192.0	199.6	207.8	217.7	229.2	242.1	259.5
135°	154.7	161.0	167.3	173.6	179.6	185.4	192.6	200.2	209.5	219.6	231.7
137.5°	144.3	149.5	155.5	161.3	166.7	172.1	177.5	184.0	191.1	198.8	207.1
140°	133.3	138.2	143.4	148.9	154.0	158.6	163.3	168.2	173.5	179.2	185.4
142.5°	122.6	126.6	131.2	136.0	141.0	145.6	149.4	153.1	157.3	161.9	166.2
145°	111.5	115.0	118.8	123.2	127.5	131.9	136.1	139.2	141.9	145.4	149.8
147.5°	100.6	103.3	106.6	109.9	113.9	117.7	121.5	125.3	129.0	131.8	134.3
150°	89.3	91.6	94.0	97.1	100.0	103.8	108.2	112.0	115.6	118.6	121.3
152.5°	78.0	79.4	81.8	85.7	89.8	93.5	97.3	100.3	103.3	105.9	108.1
155°	69.8	72.4	75.3	78.4	81.8	85.0	88.0	90.5	92.7	94.7	96.7
157.5°	64.1	66.7	69.1	71.6	74.2	77.0	79.8	82.4	84.7	86.4	87.8
160°	57.6	60.0	62.4	64.7	67.0	69.2	71.5	73.7	75.9	77.9	79.8
162.5°	50.7	53.1	54.9	57.0	59.0	60.9	62.8	64.8	66.7	68.5	70.3
165°	43.5	45.4	47.2	48.9	50.5	52.1	53.7	55.3	56.7	58.1	59.4
167.5°	36.3	37.8	39.2	40.6	42.0	43.3	44.5	45.6	46.7	47.7	48.7
170°	28.8	30.0	31.2	32.3	33.4	34.4	35.3	36.2	37.0	37.8	38.5
172.5°	21.1	22.0	22.9	23.7	24.5	25.3	26.0	26.6	27.2	27.8	28.3
175°	13.2	13.9	14.5	15.0	15.6	16.1	16.5	16.9	17.3	17.7	18.0
177.5°	6.6	6.8	7.0	7.2	7.4	7.5	7.7	7.8	8.0	8.1	8.2
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: P231934

CATALOG NUMBER: FVS4WM-2-LD4-40-2LO-PA187-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°	8.3	8.3	8.4	8.4	8.4	8.4	8.7	8.6	8.5	8.3	8.2
5°	18.3	18.5	18.7	18.9	19.0	19.0	19.1	19.1	19.3	19.1	18.9
7.5°	28.7	29.1	29.4	29.7	29.9	30.1	30.2	30.2	30.2	30.3	30.0
10°	39.1	39.6	40.1	40.5	40.8	41.0	41.2	41.3	41.3	41.6	41.2
12.5°	49.7	50.5	51.3	52.0	52.6	53.0	53.4	53.7	53.8	53.9	54.1
15°	60.8	62.1	63.3	64.4	65.3	66.2	67.0	67.6	68.1	68.5	69.0
17.5°	72.0	73.3	74.6	75.7	76.6	77.5	78.1	78.7	79.0	79.3	79.7
20°	81.6	82.9	83.5	84.0	84.2	84.3	84.2	83.9	83.5	83.0	82.4
22.5°	88.8	89.6	90.4	91.1	91.5	91.6	91.5	91.1	90.5	89.7	89.0
25°	98.4	99.6	100.5	101.1	101.4	101.4	101.0	100.3	99.3	98.1	96.6
27.5°	109.9	111.3	112.2	112.9	113.6	114.0	114.1	113.9	113.3	112.5	111.3
30°	123.0	124.7	126.1	127.3	129.7	131.7	133.3	134.6	135.5	135.8	135.7
32.5°	137.0	140.6	144.1	147.3	150.7	153.9	156.7	159.1	160.9	162.1	162.7
35°	154.1	159.0	164.0	168.7	173.4	179.1	184.2	188.7	192.5	195.6	197.8
37.5°	172.2	178.6	186.4	193.9	201.1	209.3	217.1	224.0	230.0	235.0	238.9
40°	192.7	201.3	212.0	223.0	233.4	244.6	256.1	266.2	275.0	282.3	288.0
42.5°	217.4	228.1	241.4	257.7	272.9	287.4	301.9	314.8	326.1	335.6	343.1
45°	244.9	261.9	278.4	297.6	316.6	336.3	353.3	370.7	385.8	398.5	408.6
47.5°	278.3	298.9	319.7	341.7	366.9	390.5	414.1	436.9	457.0	474.0	487.8
50°	313.6	338.2	366.4	393.8	424.8	455.1	484.5	513.1	537.3	557.1	572.4
52.5°	351.6	382.6	417.4	452.5	491.0	530.1	565.2	600.4	630.5	655.3	674.6
55°	391.6	430.7	471.8	517.2	564.1	614.6	659.0	689.9	716.2	739.8	760.2
57.5°	434.4	480.1	528.9	583.7	642.9	684.7	722.6	754.4	783.6	810.8	835.0
60°	476.9	528.2	586.1	644.5	696.8	739.4	775.2	808.8	840.5	870.5	897.9
62.5°	515.7	574.0	638.7	700.5	746.1	786.8	820.6	853.0	885.2	916.3	945.4
65°	557.4	620.4	691.1	742.9	785.9	823.7	856.9	887.6	920.8	954.9	984.6
67.5°	602.9	673.6	729.1	775.3	815.7	852.2	887.8	923.2	956.7	989.8	1018.4
70°	645.3	706.8	758.9	800.5	838.7	877.3	916.1	953.9	989.7	1022.2	1049.3
72.5°	675.0	734.2	783.3	822.2	859.8	898.0	939.9	980.5	1020.4	1052.8	1076.9
75°	697.0	754.5	800.6	840.1	879.6	919.4	959.8	1002.2	1041.2	1078.2	1106.0
77.5°	713.8	773.6	812.8	854.8	896.4	938.4	979.1	1017.3	1060.4	1100.3	1132.9
80°	730.9	783.1	822.2	865.8	908.6	954.1	992.9	1034.1	1075.2	1117.3	1148.1
82.5°	746.1	792.7	833.3	875.0	917.5	959.7	1001.6	1045.3	1089.3	1134.5	1161.0
85°	756.9	799.0	840.2	881.5	925.2	968.1	1008.9	1050.3	1096.2	1142.1	1175.6
87.5°	765.4	801.9	842.9	883.3	927.6	973.9	1015.8	1059.3	1102.1	1146.5	1170.9
90°	764.2	801.6	841.4	880.6	924.7	974.4	1016.1	1060.2	1103.1	1147.2	1166.2
92.5°	765.4	801.9	842.9	883.3	927.6	973.9	1015.8	1059.3	1102.1	1146.5	1170.9
95°	756.9	799.0	840.2	881.5	925.2	968.1	1008.9	1050.3	1096.2	1142.1	1175.6
97.5°	746.1	792.7	833.3	875.0	917.5	959.7	1001.6	1045.3	1089.3	1134.5	1161.0
100°	730.9	783.1	822.2	865.8	908.6	954.1	992.9	1034.1	1075.2	1117.3	1148.1
102.5°	713.8	773.6	812.8	854.8	896.4	938.4	979.1	1017.3	1060.4	1100.3	1132.9
105°	697.0	754.5	800.6	840.1	879.6	919.4	959.8	1002.2	1041.2	1078.2	1106.0
107.5°	675.0	734.2	783.3	822.2	859.8	898.0	939.9	980.5	1020.4	1052.8	1076.9
110°	645.3	706.8	758.9	800.5	838.7	877.3	916.1	953.9	989.7	1022.2	1049.3



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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°	602.9	673.6	729.1	775.3	815.7	852.2	887.8	923.2	956.7	989.8	1018.4
115°	557.4	620.4	691.1	742.9	785.9	823.7	856.9	887.6	920.8	954.9	984.6
117.5°	515.7	574.0	638.7	700.5	746.1	786.8	820.6	853.0	885.2	916.3	945.4
120°	476.9	528.2	586.1	644.5	696.8	739.4	775.2	808.8	840.5	870.5	897.9
122.5°	434.4	480.1	528.9	583.7	642.9	684.7	722.6	754.4	783.6	810.8	835.0
125°	391.6	430.7	471.8	517.2	564.1	614.6	659.0	689.9	716.2	739.8	760.2
127.5°	351.6	382.6	417.4	452.5	491.0	530.1	565.2	600.4	630.5	655.3	674.6
130°	313.6	338.2	366.4	393.8	424.8	455.1	484.5	513.1	537.3	557.1	572.4
132.5°	278.3	298.9	319.7	341.7	366.9	390.5	414.1	436.9	457.0	474.0	487.8
135°	244.9	261.9	278.4	297.6	316.6	336.3	353.3	370.7	385.8	398.5	408.6
137.5°	217.4	228.1	241.4	257.7	272.9	287.4	301.9	314.8	326.1	335.6	343.1
140°	192.7	201.3	212.0	223.0	233.4	244.6	256.1	266.2	275.0	282.3	288.0
142.5°	172.2	178.6	186.4	193.9	201.1	209.3	217.1	224.0	230.0	235.0	238.9
145°	154.1	159.0	164.0	168.7	173.4	179.1	184.2	188.7	192.5	195.6	197.8
147.5°	137.0	140.6	144.1	147.3	150.7	153.9	156.7	159.1	160.9	162.1	162.7
150°	123.0	124.7	126.1	127.3	129.7	131.7	133.3	134.6	135.5	135.8	135.7
152.5°	109.9	111.3	112.2	112.9	113.6	114.0	114.1	113.9	113.3	112.5	111.3
155°	98.4	99.6	100.5	101.1	101.4	101.4	101.0	100.3	99.3	98.1	96.6
157.5°	88.8	89.6	90.4	91.1	91.5	91.6	91.5	91.1	90.5	89.7	89.0
160°	81.6	82.9	83.5	84.0	84.2	84.3	84.2	83.9	83.5	83.0	82.4
162.5°	72.0	73.3	74.6	75.7	76.6	77.5	78.1	78.7	79.0	79.3	79.7
165°	60.8	62.1	63.3	64.4	65.3	66.2	67.0	67.6	68.1	68.5	69.0
167.5°	49.7	50.5	51.3	52.0	52.6	53.0	53.4	53.7	53.8	53.9	54.1
170°	39.1	39.6	40.1	40.5	40.8	41.0	41.2	41.3	41.3	41.6	41.2
172.5°	28.7	29.1	29.4	29.7	29.9	30.1	30.2	30.2	30.2	30.3	30.0
175°	18.3	18.5	18.7	18.8	19.0	19.0	19.1	19.1	19.3	19.1	18.9
177.5°	8.3	8.3	8.4	8.4	8.4	8.4	8.7	8.6	8.5	8.3	8.2
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
0°	0.0	0.0
2.5°	8.1	8.0
5°	18.6	18.4
7.5°	29.7	29.4
10°	40.8	40.4
12.5°	53.7	53.3
15°	68.8	68.6
17.5°	79.4	79.1
20°	81.7	80.9
22.5°	87.7	86.4
25°	95.0	93.1
27.5°	109.9	107.9
30°	135.2	133.6
32.5°	163.0	161.8
35°	199.6	199.2
37.5°	242.2	242.7
40°	292.9	294.2
42.5°	349.7	351.8
45°	417.4	420.4
47.5°	499.9	504.4
50°	585.5	589.5
52.5°	691.1	695.6
55°	779.1	787.5
57.5°	858.0	870.8
60°	924.3	941.3
62.5°	971.5	994.0
65°	1010.3	1032.0
67.5°	1042.5	1062.6
70°	1071.1	1088.4
72.5°	1094.8	1108.0
75°	1123.0	1134.3
77.5°	1145.8	1152.1
80°	1160.3	1164.4
82.5°	1170.9	1171.7
85°	1179.3	1171.7
87.5°	1185.2	1179.7
90°	<b>1185.2</b>	<b>1193.8</b>
92.5°	1185.2	1179.7
95°	1179.3	1171.7
97.5°	1170.9	1171.7
100°	1160.3	1164.4
102.5°	1145.8	1152.1
105°	1123.0	1134.3
107.5°	1094.8	1108.0
110°	1071.1	1088.4





TEST NUMBER: P231934

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**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
112.5°	1042.5	1062.6
115°	1010.3	1032.0
117.5°	971.5	994.0
120°	924.3	941.3
122.5°	858.0	870.8
125°	779.1	787.5
127.5°	691.1	695.6
130°	585.5	589.5
132.5°	499.9	504.4
135°	417.4	420.4
137.5°	349.7	351.8
140°	292.9	294.2
142.5°	242.2	242.7
145°	199.6	199.2
147.5°	163.0	161.8
150°	135.2	133.6
152.5°	109.9	107.9
155°	95.0	93.1
157.5°	87.7	86.4
160°	81.7	80.9
162.5°	79.4	79.1
165°	68.8	68.6
167.5°	53.7	53.3
170°	40.8	40.4
172.5°	29.7	29.4
175°	18.6	18.4
177.5°	8.1	8.0
180°	0.0	0.0

(END OF REPORT)