

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: P231883

Luminaire Tested: **FVS4WM-2-LD4-50-1HI-P125-UNV-EDC1**

Issue Date: 3/3/2020



Test Information

Test Method: LM-79-08
Report Number: P231883
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1706-121-3)
Test Lab: INNOVATION CENTER(G3)
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: FAIL-SAFE
Catalog Number: FVS4WM-2-LD4-50-1HI-P125-UNV-EDC1
Description: FAILSAFE FVS LED FIXTURE
2FT LENGTH, 1-MODULE LED WITH P125 LENS
Light Source: (42) 5000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

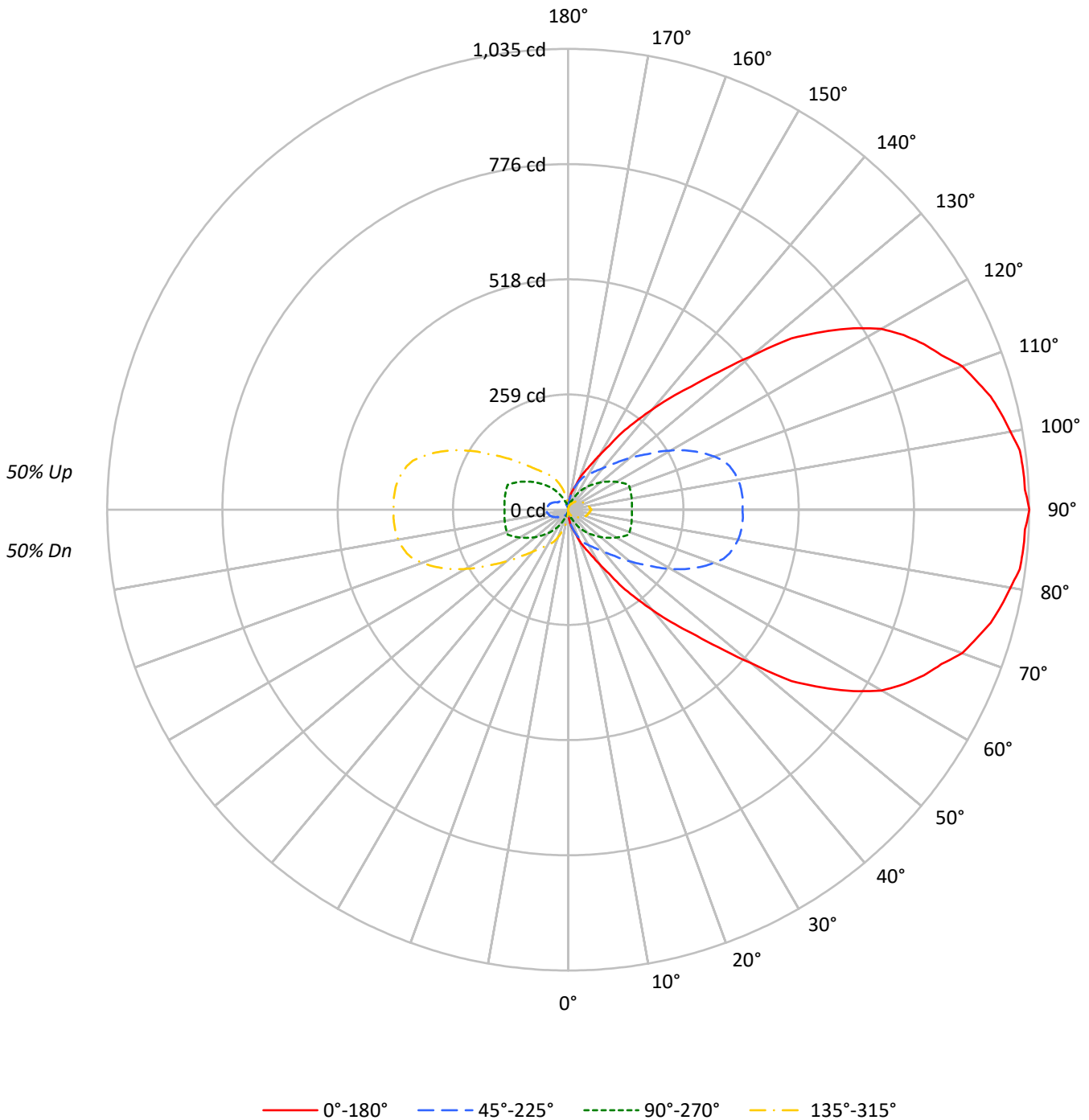
Lumens per Lamp: N/A
Luminaire Lumens: 2406.8 lumens
Efficiency: N/A
Efficacy: 108.4 lumens/watt
Spacing Criteria (0/90/45): - / - / -
Luminous Opening: Rectangular w/ Sides (W: 1.92' x L: 0.19' x H: 0.31')
CIE Type: General Diffuse

Input Watts (W): 22.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Luminous Intensity Polar Plot





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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20	
RC	80				70				50				30				10	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	107	107	107	107	99	99	99	99	83	83	83	69	69	69	56	56	56	50
1	91	83	77	71	83	76	70	65	62	58	54	50	46	43	38	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	48	41	64	53	44	37	43	36	30	33	28	23	24	20	17	12
4	64	50	40	32	58	46	37	29	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	13	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	18	13	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°	543	151	0	151
10°	846	302	0	302
15°	1050	455	0	455
20°	1492	614	0	614
25°	1886	900	0	900
30°	2498	1334	0	1334
35°	3586	1805	0	1805
40°	4798	2335	0	2335
45°	6216	2939	0	2939
50°	8367	3726	0	3726
55°	10760	4668	0	4668
60°	12515	5839	0	5839
65°	13645	7336	0	7336
70°	14781	8866	0	8866
75°	15740	10483	0	10483
80°	16638	12968	0	12968
85°	17579	17257	0	17257



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1.1	0.0
10°-20°	7.5	0.3
20°-30°	21.1	0.9
30°-40°	46.9	1.9
40°-50°	91.9	3.8
50°-60°	165.0	6.9
60°-70°	243.5	10.1
70°-80°	298.9	12.4
80°-90°	327.5	13.6
90°-100°	327.5	13.6
100°-110°	298.9	12.4
110°-120°	243.5	10.1
120°-130°	165.0	6.9
130°-140°	91.9	3.8
140°-150°	46.9	1.9
150°-160°	21.1	0.9
160°-170°	7.5	0.3
170°-180°	1.1	0.0
0°-30°	29.7	1.2
0°-40°	76.6	3.2
0°-60°	333.5	13.9
0°-90°	1203.4	50.0
90°-120°	869.9	36.1
90°-150°	1173.7	48.8
90°-180°	1203.0	50.0
0°-180°	2406.8	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	0	0	0	0	0	
5°	21	5	0	5	21	2
15°	49	15	0	15	49	15
25°	101	29	0	29	101	49
35°	212	55	0	55	212	135
45°	391	81	0	81	391	313
55°	696	110	0	110	696	622
65°	881	140	0	140	881	873
75°	982	146	0	146	982	1036
85°	1026	144	0	144	1026	835
90°	1035	143	0	143	1035	565
95°	1026	144	0	144	1026	835
105°	982	146	0	146	982	1036
115°	881	140	0	140	881	873
125°	696	110	0	110	696	622
135°	391	81	0	81	391	313
145°	212	55	0	55	212	135
155°	101	29	0	29	101	49
165°	49	15	0	15	49	15
175°	21	5	0	5	21	2
180°	0	0	0	0	0	



TEST NUMBER: P231883

CATALOG NUMBER: FVS4WM-2-LD4-50-1HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	8.7	8.8	8.9	9.0	9.1	9.2	9.3	9.0	9.0	8.9	8.9
5°	20.7	20.9	21.0	21.2	21.4	21.0	20.9	20.8	20.6	20.4	20.1
7.5°	27.2	27.5	27.8	28.1	28.1	28.2	28.3	28.3	28.3	28.3	28.2
10°	36.0	36.4	36.9	37.3	37.2	37.4	37.4	37.4	37.3	37.1	36.9
12.5°	42.5	43.1	43.8	44.1	44.5	44.9	45.1	45.3	45.4	45.4	45.3
15°	49.0	49.9	50.8	51.4	52.0	52.5	52.9	53.2	53.3	53.4	53.3
17.5°	58.9	59.9	60.8	61.2	61.7	62.0	62.3	62.4	62.4	62.4	62.2
20°	75.2	75.8	76.4	76.0	75.8	75.5	75.0	74.4	73.7	72.9	72.1
22.5°	88.3	88.6	89.0	88.4	88.0	87.5	86.8	86.0	85.1	84.1	83.1
25°	101.4	101.5	101.0	100.5	99.7	98.8	97.7	96.5	95.1	93.7	92.1
27.5°	118.8	118.5	117.5	116.4	114.9	113.1	111.0	108.7	106.2	103.4	101.0
30°	141.7	141.1	139.3	137.4	134.9	132.0	128.6	124.9	120.9	116.5	113.0
32.5°	170.0	169.1	166.6	163.8	160.3	156.1	151.2	145.8	139.8	133.9	128.5
35°	212.5	210.7	206.4	201.7	195.9	189.1	181.4	173.0	163.8	156.0	148.2
37.5°	249.6	247.7	243.4	238.4	232.3	224.9	216.4	206.7	196.0	184.9	173.2
40°	294.3	292.2	286.8	280.7	273.0	263.8	253.3	241.3	228.9	216.1	202.2
42.5°	342.2	340.4	334.8	328.1	319.3	308.6	295.8	281.0	266.2	250.5	233.6
45°	391.3	390.3	384.9	378.3	369.2	357.7	343.7	329.3	309.6	289.7	269.2
47.5°	456.7	455.8	448.6	440.0	428.2	413.6	396.1	377.1	357.2	334.9	313.6
50°	536.2	534.9	525.4	514.1	498.9	480.2	458.0	435.1	410.4	384.3	359.9
52.5°	632.2	631.7	620.2	605.7	585.7	560.1	529.1	501.1	469.5	437.5	407.8
55°	696.5	699.6	693.8	684.9	670.2	649.5	621.1	581.1	534.1	493.7	456.2
57.5°	758.6	761.8	756.6	749.4	738.2	723.3	700.2	657.1	612.5	556.8	505.8
60°	812.0	813.0	806.8	799.6	790.3	779.2	755.2	717.9	671.8	618.6	563.2
62.5°	849.1	849.6	846.8	840.4	830.6	817.4	795.8	765.9	722.8	672.3	614.0
65°	880.7	880.6	877.8	872.7	865.7	855.3	835.2	807.9	769.0	718.8	659.4
67.5°	906.8	908.3	906.5	901.2	892.4	884.0	872.0	849.7	814.8	764.7	703.3
70°	941.7	939.8	935.0	928.5	921.5	911.3	900.0	883.3	856.8	808.8	743.5
72.5°	961.3	960.7	957.1	950.5	944.8	934.5	922.7	909.7	884.7	840.4	777.3
75°	982.0	979.2	974.2	969.0	962.4	953.7	942.1	926.8	907.4	866.9	804.9
77.5°	996.2	994.7	989.7	983.3	976.2	968.0	956.7	941.4	922.3	890.1	831.5
80°	1008.2	1006.7	1002.7	997.7	988.5	978.9	968.1	953.3	936.5	909.2	851.5
82.5°	1022.4	1017.9	1012.2	1005.0	998.1	987.9	977.4	961.9	944.5	919.4	868.9
85°	1025.6	1024.7	1021.0	1012.5	1004.5	993.6	983.0	967.7	949.5	927.5	881.2
87.5°	1026.7	1031.9	1025.4	1014.9	1007.9	995.4	986.2	969.7	952.6	933.2	887.6
90°	1035.4	1025.6	1022.4	1015.8	1006.0	995.1	987.5	968.9	953.7	935.2	887.2
92.5°	1026.7	1031.9	1025.4	1014.9	1007.9	995.4	986.2	969.7	952.6	933.2	887.6
95°	1025.6	1024.7	1021.0	1012.5	1004.5	993.6	983.0	967.7	949.5	927.5	881.2
97.5°	1022.4	1017.9	1012.2	1005.0	998.1	987.9	977.4	961.9	944.5	919.4	868.9
100°	1008.2	1006.7	1002.7	997.7	988.5	978.9	968.1	953.3	936.5	909.2	851.5
102.5°	996.2	994.7	989.7	983.3	976.2	968.0	956.7	941.4	922.3	890.1	831.5
105°	982.0	979.2	974.2	969.0	962.4	953.7	942.1	926.8	907.4	866.9	804.9
107.5°	961.3	960.7	957.1	950.5	944.8	934.5	922.7	909.7	884.7	840.4	777.3
110°	941.7	939.8	935.0	928.5	921.5	911.3	900.0	883.3	856.8	808.8	743.5



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CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
112.5°	906.8	908.3	906.5	901.2	892.4	884.0	872.0	849.7	814.8	764.7	703.3
115°	880.7	880.6	877.8	872.7	865.7	855.3	835.2	807.9	769.0	718.8	659.4
117.5°	849.1	849.6	846.8	840.4	830.6	817.4	795.8	765.9	722.8	672.3	614.0
120°	812.0	813.0	806.8	799.6	790.3	779.2	755.2	717.9	671.8	618.6	563.2
122.5°	758.6	761.8	756.6	749.4	738.2	723.3	700.2	657.1	612.5	556.8	505.8
125°	696.5	699.6	693.8	684.9	670.2	649.5	621.1	581.1	534.1	493.7	456.2
127.5°	632.2	631.7	620.2	605.7	585.7	560.1	529.1	501.1	469.5	437.5	407.8
130°	536.2	534.9	525.4	514.1	498.9	480.2	458.0	435.1	410.4	384.3	359.9
132.5°	456.7	455.8	448.6	440.0	428.2	413.6	396.1	377.1	357.2	334.9	313.6
135°	391.3	390.3	384.9	378.3	369.2	357.7	343.7	329.3	309.6	289.7	269.2
137.5°	342.2	340.4	334.8	328.1	319.3	308.6	295.8	281.0	266.2	250.5	233.6
140°	294.3	292.2	286.8	280.7	273.0	263.8	253.3	241.3	228.9	216.1	202.2
142.5°	249.6	247.7	243.4	238.4	232.3	224.9	216.4	206.7	196.0	184.9	173.2
145°	212.5	210.7	206.4	201.7	195.9	189.1	181.4	173.0	163.8	156.0	148.2
147.5°	170.0	169.1	166.6	163.8	160.3	156.1	151.2	145.8	139.8	133.9	128.5
150°	141.7	141.1	139.3	137.4	134.9	132.0	128.6	124.9	120.9	116.5	113.0
152.5°	118.8	118.5	117.5	116.4	114.9	113.1	111.0	108.7	106.2	103.4	101.0
155°	101.4	101.5	101.0	100.5	99.7	98.8	97.7	96.5	95.1	93.7	92.1
157.5°	88.3	88.6	89.0	88.4	88.0	87.5	86.8	86.0	85.1	84.1	83.1
160°	75.2	75.8	76.4	76.0	75.8	75.5	75.0	74.4	73.7	72.9	72.1
162.5°	58.9	59.9	60.8	61.2	61.7	62.0	62.3	62.4	62.4	62.4	62.2
165°	49.0	49.9	50.8	51.4	52.0	52.5	52.9	53.2	53.3	53.4	53.3
167.5°	42.5	43.1	43.8	44.1	44.5	44.9	45.1	45.3	45.4	45.4	45.3
170°	36.0	36.4	36.9	37.3	37.2	37.4	37.4	37.4	37.3	37.1	36.9
172.5°	27.2	27.5	27.8	28.1	28.1	28.2	28.3	28.3	28.3	28.3	28.2
175°	20.7	20.9	21.0	21.2	21.4	21.0	20.9	20.8	20.6	20.4	20.1
177.5°	8.7	8.8	8.9	9.0	9.1	9.2	9.3	9.0	9.0	8.9	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



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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°	8.8	8.7	8.6	8.5	8.3	8.2	8.0	7.8	7.6	7.4	7.2
5°	19.8	19.5	19.1	18.7	18.3	17.8	17.3	16.7	16.1	15.5	14.8
7.5°	28.0	27.8	27.6	27.3	27.0	26.6	26.1	25.7	25.2	24.3	23.3
10°	36.5	36.1	35.6	35.1	34.4	33.7	33.0	32.4	31.7	31.0	30.1
12.5°	45.1	44.8	44.5	44.0	43.4	42.5	41.5	40.5	39.3	38.0	36.7
15°	53.1	52.8	52.4	51.9	51.2	50.5	49.6	48.7	47.6	46.1	44.5
17.5°	61.9	61.5	61.0	60.4	59.6	58.7	57.6	56.4	55.1	53.7	52.2
20°	71.2	70.5	69.9	69.2	68.4	67.5	66.3	64.9	63.2	61.4	59.5
22.5°	81.9	80.5	79.2	77.9	76.6	75.5	74.4	73.3	72.1	69.9	67.6
25°	90.7	89.2	87.7	86.2	84.7	83.2	81.9	80.6	79.3	77.8	76.6
27.5°	99.0	97.0	95.0	93.1	91.4	89.7	88.4	86.8	85.7	84.6	83.0
30°	109.4	105.7	102.2	99.7	97.5	95.2	93.5	91.9	90.9	90.5	90.0
32.5°	122.9	117.1	112.3	107.9	103.6	100.6	99.2	98.0	97.1	96.2	95.7
35°	139.9	131.7	125.0	118.2	113.1	109.8	106.4	105.0	103.4	102.2	101.2
37.5°	161.1	150.9	140.9	133.4	127.1	121.0	116.6	112.8	110.2	108.4	106.9
40°	187.8	174.5	163.1	153.2	143.7	135.2	128.4	122.3	118.2	114.9	112.9
42.5°	217.7	203.9	189.8	176.8	164.3	152.7	141.8	134.1	127.0	122.5	119.1
45°	253.0	235.7	219.2	202.6	187.2	172.0	159.2	146.7	138.2	130.7	126.0
47.5°	292.0	270.3	250.5	230.5	212.0	194.2	177.7	163.3	150.0	140.7	133.6
50°	334.1	309.0	283.7	260.7	238.9	217.5	198.0	180.1	165.0	151.7	141.7
52.5°	378.1	348.9	319.8	292.1	266.2	242.2	219.2	198.7	180.7	164.3	155.0
55°	421.9	389.3	356.9	324.5	294.8	267.0	240.6	217.8	200.3	185.4	173.9
57.5°	465.3	427.4	393.2	358.2	323.7	292.7	266.2	242.5	222.1	205.8	193.1
60°	508.3	464.7	425.4	390.5	354.5	321.7	292.3	265.9	244.0	225.9	211.6
62.5°	555.6	499.9	456.6	418.7	384.1	348.6	317.4	289.3	264.7	244.3	229.1
65°	597.0	539.0	486.1	444.3	408.3	373.8	340.5	310.4	284.2	262.8	246.4
67.5°	638.0	575.2	517.7	468.6	428.4	394.8	361.4	330.7	303.3	280.2	262.3
70°	676.0	609.2	546.1	490.3	447.2	411.7	379.5	348.9	320.4	296.1	276.8
72.5°	707.5	638.5	571.0	511.1	463.2	425.3	394.2	366.0	335.8	311.1	291.3
75°	732.9	662.1	593.3	526.4	475.7	436.5	405.0	375.8	347.1	322.7	303.6
77.5°	752.1	679.5	610.5	543.0	488.1	444.6	411.0	382.5	355.3	332.0	314.4
80°	772.8	697.9	629.1	560.1	498.3	450.7	415.0	387.4	361.6	339.3	323.9
82.5°	792.8	713.8	643.6	573.2	506.3	454.6	416.9	390.5	366.1	345.1	332.2
85°	805.1	724.1	653.6	582.0	511.6	456.3	417.1	392.0	369.1	349.6	339.7
87.5°	809.9	731.5	661.4	588.7	515.8	457.0	416.3	392.7	371.2	353.4	346.7
90°	807.6	728.1	659.4	586.4	513.4	453.4	413.1	391.3	371.7	356.4	353.1
92.5°	809.9	731.5	661.4	588.7	515.8	457.0	416.3	392.7	371.2	353.4	346.7
95°	805.1	724.1	653.6	582.0	511.6	456.3	417.1	392.0	369.1	349.6	339.7
97.5°	792.8	713.8	643.6	573.2	506.3	454.6	416.9	390.5	366.1	345.1	332.2
100°	772.8	697.9	629.1	560.1	498.3	450.7	415.0	387.4	361.6	339.3	323.9
102.5°	752.1	679.5	610.5	543.0	488.1	444.6	411.0	382.5	355.3	332.0	314.4
105°	732.9	662.1	593.3	526.4	475.7	436.5	405.0	375.8	347.1	322.7	303.6
107.5°	707.5	638.5	571.0	511.1	463.2	425.3	394.2	366.0	335.8	311.1	291.3
110°	676.0	609.2	546.1	490.3	447.2	411.7	379.5	348.9	320.4	296.1	276.8



TEST NUMBER: P231883

CATALOG NUMBER: FVS4WM-2-LD4-50-1HI-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°	638.0	575.2	517.7	468.6	428.4	394.8	361.4	330.7	303.3	280.2	262.3
115°	597.0	539.0	486.1	444.3	408.3	373.8	340.5	310.4	284.2	262.8	246.4
117.5°	555.6	499.9	456.6	418.7	384.1	348.6	317.4	289.3	264.7	244.3	229.1
120°	508.3	464.7	425.4	390.5	354.5	321.7	292.3	265.9	244.0	225.9	211.6
122.5°	465.3	427.4	393.2	358.2	323.7	292.7	266.2	242.5	222.1	205.8	193.1
125°	421.9	389.3	356.9	324.5	294.8	267.0	240.6	217.8	200.3	185.4	173.9
127.5°	378.1	348.9	319.8	292.1	266.2	242.2	219.2	198.7	180.7	164.3	155.0
130°	334.1	309.0	283.7	260.7	238.9	217.5	198.0	180.1	165.0	151.7	141.7
132.5°	292.0	270.3	250.5	230.5	212.0	194.2	177.7	163.3	150.0	140.7	133.6
135°	253.0	235.7	219.2	202.6	187.2	172.0	159.2	146.7	138.2	130.7	126.0
137.5°	217.7	203.9	189.8	176.8	164.3	152.7	141.8	134.1	127.0	122.5	119.1
140°	187.8	174.5	163.1	153.2	143.7	135.2	128.4	122.3	118.2	114.9	112.9
142.5°	161.1	150.9	140.9	133.4	127.1	121.0	116.6	112.8	110.2	108.4	106.9
145°	139.9	131.7	125.0	118.2	113.1	109.8	106.4	105.0	103.4	102.2	101.2
147.5°	122.9	117.1	112.3	107.9	103.6	100.6	99.2	98.0	97.1	96.2	95.7
150°	109.4	105.7	102.2	99.7	97.5	95.2	93.5	91.9	90.9	90.5	90.0
152.5°	99.0	97.0	95.0	93.1	91.4	89.7	88.4	86.8	85.7	84.6	83.0
155°	90.7	89.2	87.7	86.2	84.7	83.2	81.9	80.6	79.3	77.8	76.6
157.5°	81.9	80.5	79.2	77.9	76.6	75.5	74.4	73.3	72.1	69.9	67.6
160°	71.2	70.5	69.9	69.2	68.4	67.5	66.3	64.9	63.2	61.4	59.5
162.5°	61.9	61.5	61.0	60.4	59.6	58.7	57.6	56.4	55.1	53.7	52.2
165°	53.1	52.8	52.4	51.9	51.2	50.5	49.6	48.7	47.6	46.1	44.5
167.5°	45.1	44.8	44.5	44.0	43.4	42.5	41.5	40.5	39.3	38.0	36.7
170°	36.5	36.1	35.6	35.1	34.4	33.7	33.0	32.4	31.7	31.0	30.1
172.5°	28.0	27.8	27.6	27.3	27.0	26.6	26.1	25.7	25.2	24.3	23.3
175°	19.8	19.5	19.1	18.7	18.3	17.8	17.3	16.7	16.1	15.5	14.8
177.5°	8.8	8.7	8.6	8.5	8.3	8.2	8.0	7.8	7.6	7.4	7.2
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: P231883

CATALOG NUMBER: FVS4WM-2-LD4-50-1HI-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°	7.0	6.7	6.4	6.2	5.9	5.6	5.3	5.0	4.6	4.3	4.0
5°	14.1	13.4	12.7	12.1	11.6	11.0	10.4	9.8	9.2	8.5	7.9
7.5°	22.3	21.3	20.2	19.0	17.9	16.7	15.4	14.5	13.6	12.6	11.7
10°	29.3	28.3	27.4	25.9	24.3	22.8	21.2	19.6	17.9	16.6	15.4
12.5°	35.5	34.3	33.1	31.7	30.3	28.6	26.7	24.7	22.7	20.7	19.0
15°	42.8	40.9	39.3	37.4	35.6	33.8	31.9	29.7	27.3	25.0	22.6
17.5°	50.7	48.3	46.0	43.6	41.2	39.0	36.7	34.3	31.8	29.1	26.4
20°	57.6	55.5	53.2	50.4	47.5	44.5	41.7	38.9	36.0	33.1	30.1
22.5°	65.1	62.6	60.0	57.2	54.0	50.5	47.0	43.6	40.2	36.9	33.7
25°	73.3	70.2	66.9	63.8	60.9	57.6	54.1	50.6	47.2	43.7	40.5
27.5°	81.6	79.1	75.9	72.7	69.6	66.4	62.7	58.9	55.1	51.3	47.6
30°	88.8	87.4	85.0	81.6	78.2	74.7	71.0	67.0	63.1	58.8	54.7
32.5°	95.3	94.2	92.7	90.1	86.6	82.9	79.0	74.9	70.6	66.3	61.8
35°	100.6	100.3	99.2	97.5	94.5	90.9	86.9	82.8	78.2	73.6	68.9
37.5°	105.8	105.3	105.2	103.8	102.3	98.4	94.6	90.1	85.5	80.9	75.9
40°	111.3	110.0	109.9	109.7	108.1	105.5	102.0	97.4	92.6	88.0	82.9
42.5°	116.8	115.3	114.3	114.6	113.8	112.3	108.9	104.7	99.6	94.9	89.8
45°	122.8	120.4	119.1	118.9	119.4	117.8	115.3	111.9	106.6	101.7	96.6
47.5°	128.7	126.0	124.1	122.9	123.8	124.2	124.5	123.5	120.3	116.3	111.7
50°	135.8	132.2	132.0	133.6	136.4	139.5	140.6	140.3	138.2	134.2	128.7
52.5°	149.0	146.9	146.4	147.4	150.0	154.2	156.0	156.8	155.9	152.4	145.8
55°	165.7	162.1	160.7	160.6	163.6	168.0	171.1	172.8	173.3	170.3	163.1
57.5°	183.4	177.0	175.0	174.3	177.1	181.7	186.0	188.5	190.2	187.8	180.5
60°	200.5	192.3	189.5	188.4	190.2	195.1	200.6	203.9	206.4	205.2	198.1
62.5°	217.9	208.9	203.9	202.4	202.9	208.4	214.7	218.9	222.4	222.4	215.7
65°	234.4	225.1	218.1	216.3	215.4	221.6	228.5	233.7	238.2	239.5	233.4
67.5°	249.8	240.8	232.1	230.2	229.2	234.7	242.2	248.4	253.7	256.4	251.2
70°	264.3	256.0	247.5	243.8	242.0	245.6	252.2	257.8	261.9	262.6	254.9
72.5°	277.6	267.8	258.7	253.2	251.3	253.6	259.1	264.0	267.7	266.6	256.7
75°	289.2	278.2	269.0	262.5	260.3	262.0	266.3	270.3	273.8	271.0	258.7
77.5°	300.4	288.5	279.0	271.9	269.2	270.7	273.8	276.7	280.2	275.7	260.6
80°	311.1	298.7	288.5	281.3	277.8	279.7	281.6	283.1	286.8	280.5	262.6
82.5°	321.4	308.6	297.7	290.7	286.3	288.9	289.5	289.6	293.6	285.4	265.5
85°	331.3	318.3	306.6	300.0	294.8	298.3	297.7	296.1	300.6	290.8	266.7
87.5°	341.0	327.9	315.3	309.3	303.2	307.8	305.8	302.8	307.3	295.2	268.0
90°	349.9	336.8	323.7	318.3	311.7	317.2	313.9	309.5	313.9	299.7	269.2
92.5°	341.0	327.9	315.3	309.3	303.2	307.8	305.8	302.8	307.3	295.2	268.0
95°	331.3	318.3	306.6	300.0	294.8	298.3	297.7	296.1	300.6	290.8	266.7
97.5°	321.4	308.6	297.7	290.7	286.3	288.9	289.5	289.6	293.6	285.4	265.5
100°	311.1	298.7	288.5	281.3	277.8	279.7	281.6	283.1	286.8	280.5	262.6
102.5°	300.4	288.5	279.0	271.9	269.2	270.7	273.8	276.7	280.2	275.7	260.6
105°	289.2	278.2	269.0	262.5	260.3	262.0	266.3	270.3	273.8	271.0	258.7
107.5°	277.6	267.8	258.7	253.2	251.3	253.6	259.1	264.0	267.7	266.6	256.7
110°	264.3	256.0	247.5	243.8	242.0	245.6	252.2	257.8	261.9	262.6	254.9



TEST NUMBER: P231883

CATALOG NUMBER: FVS4WM-2-LD4-50-1HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	249.8	240.8	232.1	230.2	229.2	234.7	242.2	248.4	253.7	256.4	251.2
115°	234.4	225.1	218.1	216.3	215.4	221.6	228.5	233.7	238.2	239.5	233.4
117.5°	217.9	208.9	203.9	202.4	202.9	208.4	214.7	218.9	222.4	222.4	215.7
120°	200.5	192.3	189.5	188.4	190.2	195.1	200.6	203.9	206.4	205.2	198.1
122.5°	183.4	177.0	175.0	174.3	177.1	181.7	186.0	188.5	190.2	187.8	180.5
125°	165.7	162.1	160.7	160.6	163.6	168.0	171.1	172.8	173.3	170.3	163.1
127.5°	149.0	146.9	146.4	147.4	150.0	154.2	156.0	156.8	155.9	152.4	145.8
130°	135.8	132.2	132.0	133.6	136.4	139.5	140.6	140.3	138.2	134.2	128.7
132.5°	128.7	126.0	124.1	122.9	123.8	124.2	124.5	123.5	120.3	116.3	111.7
135°	122.8	120.4	119.1	118.9	119.4	117.8	115.3	111.9	106.6	101.7	96.6
137.5°	116.8	115.3	114.3	114.6	113.8	112.3	108.9	104.7	99.6	94.9	89.8
140°	111.3	110.0	109.9	109.7	108.1	105.5	102.0	97.4	92.6	88.0	82.9
142.5°	105.8	105.3	105.2	103.8	102.3	98.4	94.6	90.1	85.5	80.9	75.9
145°	100.6	100.3	99.2	97.5	94.5	90.9	86.9	82.8	78.2	73.6	68.9
147.5°	95.3	94.2	92.7	90.1	86.6	82.9	79.0	74.9	70.6	66.3	61.8
150°	88.8	87.4	85.0	81.6	78.2	74.7	71.0	67.0	63.1	58.8	54.7
152.5°	81.6	79.1	75.9	72.7	69.6	66.4	62.7	58.9	55.1	51.3	47.6
155°	73.3	70.2	66.9	63.8	60.9	57.6	54.1	50.6	47.2	43.7	40.5
157.5°	65.1	62.6	60.0	57.2	54.0	50.5	47.0	43.6	40.2	36.9	33.7
160°	57.6	55.5	53.2	50.4	47.5	44.5	41.7	38.9	36.0	33.1	30.1
162.5°	50.7	48.3	46.0	43.6	41.2	39.0	36.7	34.3	31.8	29.1	26.4
165°	42.8	40.9	39.3	37.4	35.6	33.8	31.9	29.7	27.3	25.0	22.6
167.5°	35.5	34.3	33.1	31.7	30.3	28.6	26.7	24.7	22.7	20.7	19.0
170°	29.3	28.3	27.4	25.9	24.3	22.8	21.2	19.6	17.9	16.6	15.4
172.5°	22.3	21.3	20.2	19.0	17.9	16.7	15.4	14.5	13.6	12.6	11.7
175°	14.1	13.4	12.7	12.1	11.6	11.0	10.4	9.8	9.2	8.5	7.9
177.5°	7.0	6.7	6.4	6.2	5.9	5.6	5.3	5.0	4.6	4.3	4.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231883

CATALOG NUMBER: FVS4WM-2-LD4-50-1HI-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°	3.6	3.3	2.9	2.5	2.5	2.5	2.5	2.5	2.4	2.4	2.4
5°	7.2	6.5	5.8	5.1	5.0	5.0	4.9	4.8	4.8	4.7	4.6
7.5°	10.7	9.7	8.7	7.6	7.5	7.4	7.3	7.1	7.0	6.8	6.7
10°	14.1	12.8	11.5	10.2	10.0	9.8	9.6	9.4	9.1	8.9	8.7
12.5°	17.5	15.9	14.3	12.7	12.4	12.1	11.8	11.5	11.2	11.0	10.7
15°	20.8	19.0	17.1	15.3	14.9	14.5	14.0	13.6	13.3	13.0	12.6
17.5°	24.0	21.9	19.9	17.8	17.3	16.7	16.1	15.7	15.3	14.9	14.5
20°	27.2	24.9	22.6	20.4	19.7	19.0	18.3	17.8	17.3	16.9	16.3
22.5°	30.5	27.8	25.4	22.9	22.0	21.1	20.4	19.8	19.3	18.7	18.1
25°	37.3	34.4	31.9	29.3	28.5	27.5	26.8	26.0	25.2	24.1	22.9
27.5°	44.3	41.1	38.5	35.7	35.0	34.1	33.6	32.9	32.0	30.9	29.6
30°	51.2	47.7	45.0	42.2	41.5	40.8	40.4	40.0	39.0	37.8	36.1
32.5°	58.0	54.4	51.5	48.6	48.1	47.6	47.4	47.0	46.0	44.5	42.2
35°	64.7	61.0	58.0	55.0	54.7	54.4	54.5	54.0	53.0	50.8	48.0
37.5°	71.3	67.6	64.4	61.4	61.3	61.3	61.6	61.1	60.2	56.8	53.3
40°	77.8	74.2	70.9	67.9	68.0	68.3	68.8	68.2	66.4	62.6	58.3
42.5°	84.3	80.6	77.3	74.3	74.6	75.3	76.1	75.4	72.6	68.3	63.0
45°	91.0	87.0	83.7	80.7	81.3	82.3	83.2	82.6	78.6	73.2	67.3
47.5°	104.6	98.7	93.3	88.1	86.9	86.5	86.3	85.4	80.6	75.3	69.7
50°	119.5	111.0	103.1	95.5	92.3	90.3	88.8	86.6	81.2	75.7	70.1
52.5°	134.8	123.5	113.1	102.8	97.5	94.0	91.0	87.5	81.7	76.3	70.6
55°	150.5	136.3	123.2	110.2	102.7	97.4	93.1	88.4	82.3	77.0	71.3
57.5°	166.5	149.3	133.4	117.6	107.7	100.7	95.1	89.3	83.1	77.9	72.2
60°	182.9	162.5	143.8	125.0	112.6	103.8	96.8	90.2	84.0	78.9	73.5
62.5°	199.4	175.9	154.2	132.3	117.5	106.7	98.5	91.1	85.0	80.0	75.3
65°	216.2	189.5	164.7	139.7	122.2	109.6	100.1	92.0	86.2	81.3	77.4
67.5°	233.2	203.2	175.3	147.1	126.9	112.3	101.6	93.0	87.5	82.7	79.8
70°	234.8	203.5	175.0	146.6	126.0	111.4	100.6	92.4	87.2	82.6	80.7
72.5°	235.2	203.3	174.6	146.1	125.1	110.5	99.6	91.7	86.6	82.0	80.6
75°	235.3	202.9	175.1	145.7	124.3	109.7	98.6	91.1	85.9	81.6	80.4
77.5°	235.3	202.5	174.3	145.2	123.4	108.9	97.6	90.7	85.3	81.3	80.3
80°	235.0	202.8	173.4	144.7	122.6	108.1	96.7	90.3	84.7	81.0	80.2
82.5°	235.5	201.7	172.6	144.2	121.9	107.4	95.8	90.0	84.2	80.9	80.0
85°	234.4	200.6	171.7	143.8	121.2	106.8	95.1	89.7	83.7	80.8	79.9
87.5°	233.3	199.5	170.9	143.3	120.5	106.2	94.4	89.5	83.2	80.7	79.7
90°	232.2	198.4	170.0	142.8	119.9	105.7	93.7	89.4	82.8	80.7	79.6
92.5°	233.3	199.5	170.9	143.3	120.5	106.2	94.4	89.5	83.2	80.7	79.7
95°	234.4	200.6	171.7	143.8	121.2	106.8	95.1	89.7	83.7	80.8	79.9
97.5°	235.5	201.7	172.6	144.2	121.9	107.4	95.8	90.0	84.2	80.9	80.0
100°	235.0	202.8	173.4	144.7	122.6	108.1	96.7	90.3	84.7	81.0	80.2
102.5°	235.3	202.5	174.3	145.2	123.4	108.9	97.6	90.7	85.3	81.3	80.3
105°	235.3	202.9	175.1	145.7	124.3	109.7	98.6	91.1	85.9	81.6	80.4
107.5°	235.2	203.3	174.6	146.1	125.1	110.5	99.6	91.7	86.6	82.0	80.6
110°	234.8	203.5	175.0	146.6	126.0	111.4	100.6	92.4	87.2	82.6	80.7



TEST NUMBER: P231883

CATALOG NUMBER: FVS4WM-2-LD4-50-1HI-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°	233.2	203.2	175.3	147.1	126.9	112.3	101.6	93.0	87.5	82.7	79.8
115°	216.2	189.5	164.7	139.7	122.2	109.6	100.1	92.0	86.2	81.3	77.4
117.5°	199.4	175.9	154.2	132.3	117.5	106.7	98.5	91.1	85.0	80.0	75.3
120°	182.9	162.5	143.8	125.0	112.6	103.8	96.8	90.2	84.0	78.9	73.5
122.5°	166.5	149.3	133.4	117.6	107.7	100.7	95.1	89.3	83.1	77.9	72.2
125°	150.5	136.3	123.2	110.2	102.7	97.4	93.1	88.4	82.3	77.0	71.3
127.5°	134.8	123.5	113.1	102.8	97.5	94.0	91.0	87.5	81.7	76.3	70.6
130°	119.5	111.0	103.1	95.5	92.3	90.3	88.8	86.6	81.2	75.7	70.1
132.5°	104.6	98.7	93.3	88.1	86.9	86.5	86.3	85.4	80.6	75.3	69.7
135°	91.0	87.0	83.7	80.7	81.3	82.3	83.2	82.6	78.6	73.2	67.3
137.5°	84.3	80.6	77.3	74.3	74.6	75.3	76.1	75.4	72.6	68.3	63.0
140°	77.8	74.2	70.9	67.9	68.0	68.3	68.8	68.2	66.4	62.6	58.3
142.5°	71.3	67.6	64.4	61.4	61.3	61.3	61.6	61.1	60.2	56.8	53.3
145°	64.7	61.0	58.0	55.0	54.7	54.4	54.5	54.0	53.0	50.8	48.0
147.5°	58.0	54.4	51.5	48.6	48.1	47.6	47.4	47.0	46.0	44.5	42.2
150°	51.2	47.7	45.0	42.2	41.5	40.8	40.4	40.0	39.0	37.8	36.1
152.5°	44.3	41.1	38.5	35.7	35.0	34.1	33.6	32.9	32.0	30.9	29.6
155°	37.3	34.4	31.9	29.3	28.5	27.5	26.8	26.0	25.2	24.1	22.9
157.5°	30.5	27.8	25.4	22.9	22.0	21.1	20.4	19.8	19.3	18.7	18.1
160°	27.2	24.9	22.6	20.4	19.7	19.0	18.3	17.8	17.3	16.9	16.3
162.5°	24.0	21.9	19.9	17.8	17.3	16.7	16.1	15.7	15.3	14.9	14.5
165°	20.8	19.0	17.1	15.3	14.9	14.5	14.0	13.6	13.3	13.0	12.6
167.5°	17.5	15.9	14.3	12.7	12.4	12.1	11.8	11.5	11.2	11.0	10.7
170°	14.1	12.8	11.5	10.2	10.0	9.8	9.6	9.4	9.1	8.9	8.7
172.5°	10.7	9.7	8.7	7.6	7.5	7.4	7.3	7.1	7.0	6.8	6.7
175°	7.2	6.5	5.8	5.1	5.0	5.0	4.9	4.8	4.8	4.7	4.6
177.5°	3.6	3.3	2.9	2.5	2.5	2.5	2.5	2.5	2.4	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: P231883

CATALOG NUMBER: FVS4WM-2-LD4-50-1HI-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°	2.3	2.3	2.2	2.2	2.1	2.0	2.0	1.9	1.8	1.8	1.7
5°	4.5	4.4	4.2	4.1	4.0	3.9	3.7	3.6	3.5	3.3	3.2
7.5°	6.5	6.3	6.2	6.0	5.8	5.6	5.4	5.2	5.0	4.8	4.6
10°	8.5	8.3	8.0	7.8	7.6	7.3	7.0	6.8	6.5	6.2	5.9
12.5°	10.4	10.1	9.8	9.5	9.2	8.9	8.5	8.2	7.9	7.6	7.3
15°	12.3	11.9	11.5	11.2	10.8	10.5	10.2	9.9	9.5	9.2	8.8
17.5°	14.1	13.6	13.2	12.8	12.6	12.2	11.9	11.5	11.2	10.8	10.3
20°	15.8	15.3	15.0	14.7	14.4	14.0	13.7	13.2	12.7	12.1	11.4
22.5°	17.5	17.2	16.9	16.6	16.2	15.8	15.3	14.6	13.9	13.1	12.6
25°	21.8	20.7	19.6	18.5	18.1	17.4	16.6	15.7	15.2	14.7	14.1
27.5°	28.2	26.8	25.3	23.8	22.0	20.2	18.6	17.4	16.8	16.0	15.0
30°	34.3	32.3	30.4	28.2	26.0	24.0	22.4	20.8	19.0	17.2	16.1
32.5°	39.8	37.4	34.8	32.0	29.7	27.6	25.6	23.4	21.4	19.9	18.5
35°	45.0	41.9	38.6	35.6	33.1	30.5	27.9	25.6	23.9	22.2	20.2
37.5°	49.7	45.9	42.0	38.9	35.9	32.8	30.0	28.0	25.9	23.7	21.8
40°	54.0	49.5	45.4	41.8	38.1	34.7	32.2	29.8	27.3	25.2	23.4
42.5°	57.8	52.7	48.4	44.2	40.0	36.9	34.1	31.2	28.7	26.7	24.8
45°	61.4	56.0	51.1	46.2	42.0	38.8	35.5	32.5	30.2	27.9	25.8
47.5°	63.9	58.7	53.4	47.9	44.0	40.4	36.7	34.0	31.3	28.8	26.9
50°	64.4	59.7	55.0	50.5	46.5	41.8	38.2	35.2	32.2	29.9	27.8
52.5°	65.4	61.2	57.3	54.0	50.3	45.9	41.6	37.2	33.2	30.8	28.0
55°	66.9	63.5	60.5	58.2	54.5	50.2	45.6	41.0	37.0	32.7	28.2
57.5°	68.7	66.4	64.7	62.8	59.3	54.5	49.7	45.0	40.4	35.4	30.7
60°	70.9	69.9	69.3	67.5	63.8	58.8	53.7	48.7	43.4	38.0	33.1
62.5°	73.5	73.9	74.5	72.7	68.4	63.0	57.7	52.2	46.1	40.6	35.6
65°	76.9	78.5	80.0	78.1	72.9	67.4	61.5	55.3	48.9	43.1	37.7
67.5°	80.6	83.4	85.2	83.3	77.5	71.7	65.3	58.2	51.6	45.5	39.7
70°	82.7	86.6	89.2	87.8	82.2	76.0	69.0	61.2	54.4	47.8	41.6
72.5°	82.7	86.4	88.6	87.1	82.9	77.7	71.1	63.7	57.1	50.1	43.3
75°	82.6	86.0	88.1	86.9	83.6	78.7	71.9	64.5	57.7	50.8	44.7
77.5°	82.3	85.5	87.7	87.2	84.6	80.1	73.0	65.6	58.5	51.4	45.5
80°	81.9	84.9	87.4	87.8	85.8	81.7	74.3	66.9	59.4	52.2	46.5
82.5°	81.4	84.2	87.1	88.6	87.3	83.6	75.8	68.3	60.5	53.2	47.6
85°	80.8	83.5	86.8	89.5	89.0	85.8	77.5	70.0	61.9	54.4	49.0
87.5°	80.2	82.6	86.5	90.6	90.8	88.1	79.5	71.9	63.5	56.0	50.5
90°	79.6	81.7	86.1	91.6	92.6	90.5	81.7	74.1	65.4	57.8	52.3
92.5°	80.2	82.6	86.5	90.6	90.8	88.1	79.5	71.9	63.5	56.0	50.5
95°	80.8	83.5	86.8	89.5	89.0	85.8	77.5	70.0	61.9	54.4	49.0
97.5°	81.4	84.2	87.1	88.6	87.3	83.6	75.8	68.3	60.5	53.2	47.6
100°	81.9	84.9	87.4	87.8	85.8	81.7	74.3	66.9	59.4	52.2	46.5
102.5°	82.3	85.5	87.7	87.2	84.6	80.1	73.0	65.6	58.5	51.4	45.5
105°	82.6	86.0	88.1	86.9	83.6	78.7	71.9	64.5	57.7	50.8	44.7
107.5°	82.7	86.4	88.6	87.1	82.9	77.7	71.1	63.7	57.1	50.1	43.3
110°	82.7	86.6	89.2	87.8	82.2	76.0	69.0	61.2	54.4	47.8	41.6



TEST NUMBER: P231883

CATALOG NUMBER: FVS4WM-2-LD4-50-1HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	80.6	83.4	85.2	83.3	77.5	71.7	65.3	58.2	51.6	45.5	39.7
115°	76.9	78.5	80.0	78.1	72.9	67.4	61.5	55.3	48.9	43.1	37.7
117.5°	73.5	73.9	74.5	72.7	68.4	63.0	57.7	52.2	46.1	40.6	35.6
120°	70.9	69.9	69.3	67.5	63.8	58.8	53.7	48.7	43.4	38.0	33.1
122.5°	68.7	66.4	64.7	62.8	59.3	54.5	49.7	45.0	40.4	35.4	30.7
125°	66.9	63.5	60.5	58.2	54.5	50.2	45.6	41.0	37.0	32.7	28.2
127.5°	65.4	61.2	57.3	54.0	50.3	45.9	41.6	37.2	33.2	30.8	28.0
130°	64.4	59.7	55.0	50.5	46.5	41.8	38.2	35.2	32.2	29.9	27.8
132.5°	63.9	58.7	53.4	47.9	44.0	40.4	36.7	34.0	31.3	28.8	26.9
135°	61.4	56.0	51.1	46.2	42.0	38.8	35.5	32.5	30.2	27.9	25.8
137.5°	57.8	52.7	48.4	44.2	40.0	36.9	34.1	31.2	28.7	26.7	24.8
140°	54.0	49.5	45.4	41.8	38.1	34.7	32.2	29.8	27.3	25.2	23.4
142.5°	49.7	45.9	42.0	38.9	35.9	32.8	30.0	28.0	25.9	23.7	21.8
145°	45.0	41.9	38.6	35.6	33.1	30.5	27.9	25.6	23.9	22.2	20.2
147.5°	39.8	37.4	34.8	32.0	29.7	27.6	25.6	23.4	21.4	19.9	18.5
150°	34.3	32.3	30.4	28.2	26.0	24.0	22.4	20.8	19.0	17.2	16.1
152.5°	28.2	26.8	25.3	23.8	22.0	20.2	18.6	17.4	16.8	16.0	15.0
155°	21.8	20.7	19.6	18.5	18.1	17.4	16.6	15.7	15.2	14.7	14.1
157.5°	17.5	17.2	16.9	16.6	16.2	15.8	15.3	14.6	13.9	13.1	12.6
160°	15.8	15.3	15.0	14.7	14.4	14.0	13.7	13.2	12.7	12.1	11.4
162.5°	14.1	13.6	13.2	12.8	12.6	12.2	11.9	11.5	11.2	10.8	10.3
165°	12.3	11.9	11.5	11.2	10.8	10.5	10.2	9.9	9.5	9.2	8.8
167.5°	10.4	10.1	9.8	9.5	9.2	8.9	8.5	8.2	7.9	7.6	7.3
170°	8.5	8.3	8.0	7.8	7.6	7.3	7.0	6.8	6.5	6.2	5.9
172.5°	6.5	6.3	6.2	6.0	5.8	5.6	5.4	5.2	5.0	4.8	4.6
175°	4.5	4.4	4.2	4.1	4.0	3.9	3.7	3.6	3.5	3.3	3.2
177.5°	2.3	2.3	2.2	2.2	2.1	2.0	2.0	1.9	1.8	1.8	1.7
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231883

CATALOG NUMBER: FVS4WM-2-LD4-50-1HI-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°	1.6	1.5	1.4	1.3	1.3	1.2	1.1	1.0	0.9	0.8	0.7
5°	3.0	2.9	2.7	2.6	2.4	2.2	2.0	1.9	1.7	1.5	1.3
7.5°	4.4	4.1	3.9	3.7	3.4	3.2	2.9	2.7	2.4	2.1	1.9
10°	5.6	5.3	5.0	4.7	4.4	4.1	3.8	3.5	3.2	2.8	2.5
12.5°	7.0	6.7	6.3	6.0	5.6	5.2	4.8	4.4	4.0	3.6	3.1
15°	8.4	8.0	7.6	7.2	6.7	6.2	5.7	5.2	4.7	4.1	3.6
17.5°	9.8	9.2	8.7	8.1	7.5	6.9	6.4	5.9	5.3	4.8	4.2
20°	10.8	10.2	9.7	9.1	8.6	8.0	7.3	6.7	6.0	5.3	4.6
22.5°	12.1	11.5	10.9	10.1	9.4	8.6	7.9	7.2	6.5	5.8	5.1
25°	13.3	12.5	11.6	10.8	10.2	9.5	8.8	8.1	7.2	6.4	5.6
27.5°	14.1	13.4	12.7	12.0	11.2	10.3	9.4	8.5	7.7	6.9	6.0
30°	15.4	14.8	13.7	12.7	11.7	10.9	10.2	9.3	8.5	7.6	6.7
32.5°	16.9	15.4	14.4	13.6	12.8	12.0	11.1	10.2	9.3	8.4	7.4
35°	18.4	17.1	15.9	14.9	14.0	13.1	12.2	11.2	10.2	9.2	8.1
37.5°	20.3	18.9	17.6	16.3	15.2	14.3	13.3	12.2	11.1	10.0	8.8
40°	21.8	20.3	18.9	17.7	16.5	15.5	14.4	13.3	12.1	10.9	9.5
42.5°	23.0	21.5	20.1	18.7	17.5	16.4	15.5	14.3	12.7	11.2	9.7
45°	24.1	22.5	20.9	19.4	18.1	16.9	15.6	14.4	13.2	11.9	10.6
47.5°	25.0	23.0	21.2	19.6	18.2	16.7	15.7	14.9	14.1	12.4	10.7
50°	25.3	23.1	21.2	19.5	18.0	16.9	15.9	14.7	13.6	12.5	10.7
52.5°	25.3	23.0	21.1	19.4	18.1	16.7	15.3	14.2	13.1	12.3	11.4
55°	25.1	22.9	21.0	19.3	17.7	16.1	15.0	14.0	13.3	12.5	11.5
57.5°	26.6	23.0	20.7	18.8	17.2	16.0	15.0	14.1	13.1	12.1	11.0
60°	28.9	25.0	21.5	18.4	17.2	16.0	15.0	13.9	12.8	11.6	10.5
62.5°	31.0	26.8	23.1	20.1	17.7	16.0	14.9	13.7	12.5	11.3	10.0
65°	32.7	28.5	24.8	21.7	19.1	16.8	14.8	13.6	12.3	11.0	9.7
67.5°	34.5	30.3	26.2	23.2	20.3	17.7	15.6	13.6	12.2	10.8	9.5
70°	36.4	31.8	27.7	24.5	21.1	18.5	16.1	14.0	12.2	10.8	8.9
72.5°	38.4	33.1	29.2	25.4	22.0	19.1	16.5	14.1	12.4	10.3	8.1
75°	39.9	34.5	30.7	26.2	22.8	19.6	16.6	14.3	12.1	9.5	7.2
77.5°	40.3	35.3	31.2	26.9	23.4	19.9	16.7	14.5	11.6	8.7	6.7
80°	40.9	36.0	31.6	27.4	23.6	20.0	16.9	14.4	11.1	8.1	6.2
82.5°	41.7	36.8	32.3	27.9	24.0	20.1	16.9	13.9	10.5	7.7	5.2
85°	42.8	37.8	33.3	28.6	24.5	20.4	16.9	13.7	10.0	7.1	4.2
87.5°	44.2	38.9	34.5	29.4	25.2	21.0	17.1	13.8	9.7	6.7	3.5
90°	45.8	40.3	36.0	30.5	26.2	21.8	17.4	14.2	9.8	6.5	3.3
92.5°	44.2	38.9	34.5	29.4	25.2	21.0	17.1	13.8	9.7	6.7	3.5
95°	42.8	37.8	33.3	28.6	24.5	20.4	16.9	13.7	10.0	7.1	4.2
97.5°	41.7	36.8	32.3	27.9	24.0	20.1	16.9	13.9	10.5	7.7	5.2
100°	40.9	36.0	31.6	27.4	23.6	20.0	16.9	14.4	11.1	8.1	6.2
102.5°	40.3	35.3	31.2	26.9	23.4	19.9	16.7	14.5	11.6	8.7	6.7
105°	39.9	34.5	30.7	26.2	22.8	19.6	16.6	14.3	12.1	9.5	7.2
107.5°	38.4	33.1	29.2	25.4	22.0	19.1	16.5	14.1	12.4	10.3	8.1
110°	36.4	31.8	27.7	24.5	21.1	18.5	16.1	14.0	12.2	10.8	8.9



TEST NUMBER: P231883

CATALOG NUMBER: FVS4WM-2-LD4-50-1HI-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°	34.5	30.3	26.2	23.2	20.3	17.7	15.6	13.6	12.2	10.8	9.5
115°	32.7	28.5	24.8	21.7	19.1	16.8	14.8	13.6	12.3	11.0	9.7
117.5°	31.0	26.8	23.1	20.1	17.7	16.0	14.9	13.7	12.5	11.3	10.0
120°	28.9	25.0	21.5	18.4	17.2	16.0	15.0	13.9	12.8	11.6	10.5
122.5°	26.6	23.0	20.7	18.8	17.2	16.0	15.0	14.1	13.1	12.1	11.0
125°	25.1	22.9	21.0	19.3	17.7	16.1	15.0	14.0	13.3	12.5	11.5
127.5°	25.3	23.0	21.1	19.4	18.1	16.7	15.3	14.2	13.1	12.3	11.4
130°	25.3	23.1	21.2	19.5	18.0	16.9	15.9	14.7	13.6	12.5	10.7
132.5°	25.0	23.0	21.2	19.6	18.2	16.7	15.7	14.9	14.1	12.4	10.7
135°	24.1	22.5	20.9	19.4	18.1	16.9	15.6	14.4	13.2	11.9	10.6
137.5°	23.0	21.5	20.1	18.7	17.5	16.4	15.5	14.3	12.7	11.2	9.7
140°	21.8	20.3	18.9	17.7	16.5	15.5	14.4	13.3	12.1	10.9	9.5
142.5°	20.3	18.9	17.6	16.3	15.2	14.3	13.3	12.2	11.1	10.0	8.8
145°	18.4	17.1	15.9	14.9	14.0	13.1	12.2	11.2	10.2	9.2	8.1
147.5°	16.9	15.4	14.4	13.6	12.8	12.0	11.1	10.2	9.3	8.4	7.4
150°	15.4	14.8	13.7	12.7	11.7	10.9	10.2	9.3	8.5	7.6	6.7
152.5°	14.1	13.4	12.7	12.0	11.2	10.3	9.4	8.5	7.7	6.9	6.0
155°	13.3	12.5	11.6	10.8	10.2	9.5	8.8	8.1	7.2	6.4	5.6
157.5°	12.1	11.5	10.9	10.1	9.4	8.6	7.9	7.2	6.5	5.8	5.1
160°	10.8	10.2	9.7	9.1	8.6	8.0	7.3	6.7	6.0	5.3	4.6
162.5°	9.8	9.2	8.7	8.1	7.5	6.9	6.4	5.9	5.3	4.8	4.2
165°	8.4	8.0	7.6	7.2	6.7	6.2	5.7	5.2	4.7	4.1	3.6
167.5°	7.0	6.7	6.3	6.0	5.6	5.2	4.8	4.4	4.0	3.6	3.1
170°	5.6	5.3	5.0	4.7	4.4	4.1	3.8	3.5	3.2	2.8	2.5
172.5°	4.4	4.1	3.9	3.7	3.4	3.2	2.9	2.7	2.4	2.1	1.9
175°	3.0	2.9	2.7	2.6	2.4	2.2	2.0	1.9	1.7	1.5	1.3
177.5°	1.6	1.5	1.4	1.3	1.3	1.2	1.1	1.0	0.9	0.8	0.7
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231883

CATALOG NUMBER: FVS4WM-2-LD4-50-1HI-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°	0.6	0.5	0.4	0.3	0.2	0.1	0.0	0.1	0.2	0.3	0.4
5°	1.1	0.9	0.8	0.6	0.4	0.2	0.0	0.2	0.4	0.6	0.8
7.5°	1.6	1.3	1.1	0.8	0.5	0.3	0.0	0.3	0.5	0.8	1.1
10°	2.1	1.8	1.4	1.1	0.7	0.4	0.0	0.4	0.7	1.1	1.4
12.5°	2.7	2.3	1.8	1.4	0.9	0.5	0.0	0.5	0.9	1.4	1.8
15°	3.1	2.6	2.1	1.6	1.0	0.5	0.0	0.5	1.0	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°	4.0	3.3	2.6	2.0	1.3	0.7	0.0	0.7	1.3	2.0	2.6
22.5°	4.4	3.7	3.0	2.2	1.5	0.7	0.0	0.7	1.5	2.2	3.0
25°	4.8	4.0	3.2	2.4	1.6	0.8	0.0	0.8	1.6	2.4	3.2
27.5°	5.2	4.4	3.5	2.6	1.8	0.9	0.0	0.9	1.8	2.6	3.5
30°	5.8	4.8	3.9	2.9	2.0	1.0	0.0	1.0	2.0	2.9	3.9
32.5°	6.4	5.3	4.3	3.2	2.2	1.1	0.0	1.1	2.2	3.2	4.3
35°	7.0	5.9	4.7	3.6	2.4	1.2	0.0	1.2	2.4	3.6	4.7
37.5°	7.6	6.4	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	2.7	1.3	0.0	1.3	2.7	4.0	5.3
42.5°	8.4	7.1	5.7	4.3	2.9	1.4	0.0	1.4	2.9	4.3	5.7
45°	9.0	7.4	5.9	4.4	2.9	1.5	0.0	1.5	2.9	4.4	5.9
47.5°	9.1	7.5	5.9	4.4	2.9	1.5	0.0	1.5	2.9	4.4	5.9
50°	9.1	7.7	6.2	4.7	3.2	1.6	0.0	1.6	3.2	4.7	6.2
52.5°	9.9	8.2	6.5	4.8	3.2	1.6	0.0	1.6	3.2	4.8	6.5
55°	9.9	8.1	6.4	4.7	3.1	1.6	0.0	1.6	3.1	4.7	6.4
57.5°	9.8	8.0	6.3	4.6	3.1	1.5	0.0	1.5	3.1	4.6	6.3
60°	9.3	7.9	6.1	4.5	3.0	1.5	0.0	1.5	3.0	4.5	6.1
62.5°	8.8	7.6	5.9	4.3	2.8	1.4	0.0	1.4	2.8	4.3	5.9
65°	8.4	7.1	5.6	4.1	2.6	1.3	0.0	1.3	2.6	4.1	5.6
67.5°	7.9	6.5	5.2	3.8	2.4	1.2	0.0	1.2	2.4	3.8	5.2
70°	7.2	5.7	4.6	3.4	2.1	1.0	0.0	1.0	2.1	3.4	4.6
72.5°	6.3	5.0	3.9	2.9	1.7	0.8	0.0	0.8	1.7	2.9	3.9
75°	5.8	4.4	3.0	2.0	1.2	0.5	0.0	0.5	1.2	2.0	3.0
77.5°	5.1	3.4	2.3	1.2	0.4	0.1	0.0	0.1	0.4	1.2	2.3
80°	3.8	2.4	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4
82.5°	2.7	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	1.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	1.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	1.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	2.7	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	3.8	2.4	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4
102.5°	5.1	3.4	2.3	1.2	0.4	0.1	0.0	0.1	0.4	1.2	2.3
105°	5.8	4.4	3.0	2.0	1.2	0.5	0.0	0.5	1.2	2.0	3.0
107.5°	6.3	5.0	3.9	2.9	1.7	0.8	0.0	0.8	1.7	2.9	3.9
110°	7.2	5.7	4.6	3.4	2.1	1.0	0.0	1.0	2.1	3.4	4.6



TEST NUMBER: P231883

CATALOG NUMBER: FVS4WM-2-LD4-50-1HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	7.9	6.5	5.2	3.8	2.4	1.2	0.0	1.2	2.4	3.8	5.2
115°	8.4	7.1	5.6	4.1	2.6	1.3	0.0	1.3	2.6	4.1	5.6
117.5°	8.8	7.6	5.9	4.3	2.8	1.4	0.0	1.4	2.8	4.3	5.9
120°	9.3	7.9	6.1	4.5	3.0	1.5	0.0	1.5	3.0	4.5	6.1
122.5°	9.8	8.0	6.3	4.6	3.1	1.5	0.0	1.5	3.1	4.6	6.3
125°	9.9	8.1	6.4	4.7	3.1	1.6	0.0	1.6	3.1	4.7	6.4
127.5°	9.9	8.2	6.5	4.8	3.2	1.6	0.0	1.6	3.2	4.8	6.5
130°	9.1	7.7	6.2	4.7	3.2	1.6	0.0	1.6	3.2	4.7	6.2
132.5°	9.1	7.5	5.9	4.4	2.9	1.5	0.0	1.5	2.9	4.4	5.9
135°	9.0	7.4	5.9	4.4	2.9	1.5	0.0	1.5	2.9	4.4	5.9
137.5°	8.4	7.1	5.7	4.3	2.9	1.4	0.0	1.4	2.9	4.3	5.7
140°	8.1	6.7	5.3	4.0	2.7	1.3	0.0	1.3	2.7	4.0	5.3
142.5°	7.6	6.4	5.2	3.9	2.6	1.3	0.0	1.3	2.6	3.9	5.2
145°	7.0	5.9	4.7	3.6	2.4	1.2	0.0	1.2	2.4	3.6	4.7
147.5°	6.4	5.3	4.3	3.2	2.2	1.1	0.0	1.1	2.2	3.2	4.3
150°	5.8	4.8	3.9	2.9	2.0	1.0	0.0	1.0	2.0	2.9	3.9
152.5°	5.2	4.4	3.5	2.6	1.8	0.9	0.0	0.9	1.8	2.6	3.5
155°	4.8	4.0	3.2	2.4	1.6	0.8	0.0	0.8	1.6	2.4	3.2
157.5°	4.4	3.7	3.0	2.2	1.5	0.7	0.0	0.7	1.5	2.2	3.0
160°	4.0	3.3	2.6	2.0	1.3	0.7	0.0	0.7	1.3	2.0	2.6
162.5°	3.6	3.0	2.4	1.8	1.2	0.6	0.0	0.6	1.2	1.8	2.4
165°	3.1	2.6	2.1	1.6	1.0	0.5	0.0	0.5	1.0	1.6	2.1
167.5°	2.7	2.3	1.8	1.4	0.9	0.5	0.0	0.5	0.9	1.4	1.8
170°	2.1	1.8	1.4	1.1	0.7	0.4	0.0	0.4	0.7	1.1	1.4
172.5°	1.6	1.3	1.1	0.8	0.5	0.3	0.0	0.3	0.5	0.8	1.1
175°	1.1	0.9	0.8	0.6	0.4	0.2	0.0	0.2	0.4	0.6	0.8
177.5°	0.6	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: P231883

CATALOG NUMBER: FVS4WM-2-LD4-50-1HI-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	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.3	1.4
5°	0.9	1.1	1.3	1.5	1.7	1.9	2.0	2.2	2.4	2.6	2.7
7.5°	1.3	1.6	1.9	2.1	2.4	2.7	2.9	3.2	3.4	3.7	3.9
10°	1.8	2.1	2.5	2.8	3.2	3.5	3.8	4.1	4.4	4.7	5.0
12.5°	2.3	2.7	3.1	3.6	4.0	4.4	4.8	5.2	5.6	6.0	6.3
15°	2.6	3.1	3.6	4.1	4.7	5.2	5.7	6.2	6.7	7.2	7.6
17.5°	3.0	3.6	4.2	4.8	5.3	5.9	6.4	6.9	7.5	8.1	8.7
20°	3.3	4.0	4.6	5.3	6.0	6.7	7.3	8.0	8.6	9.1	9.7
22.5°	3.7	4.4	5.1	5.8	6.5	7.2	7.9	8.6	9.4	10.1	10.9
25°	4.0	4.8	5.6	6.4	7.2	8.1	8.8	9.5	10.2	10.8	11.6
27.5°	4.4	5.2	6.0	6.9	7.7	8.5	9.4	10.3	11.2	12.0	12.7
30°	4.8	5.8	6.7	7.6	8.5	9.3	10.2	10.9	11.7	12.7	13.7
32.5°	5.3	6.4	7.4	8.4	9.3	10.2	11.1	12.0	12.8	13.6	14.4
35°	5.9	7.0	8.1	9.2	10.2	11.2	12.2	13.1	14.0	14.9	15.9
37.5°	6.4	7.6	8.8	10.0	11.1	12.2	13.3	14.3	15.2	16.3	17.6
40°	6.7	8.1	9.5	10.9	12.1	13.3	14.4	15.5	16.5	17.7	18.9
42.5°	7.1	8.4	9.7	11.2	12.7	14.3	15.5	16.4	17.5	18.7	20.1
45°	7.4	9.0	10.6	11.9	13.2	14.4	15.6	16.9	18.1	19.4	20.9
47.5°	7.5	9.1	10.7	12.4	14.1	14.9	15.7	16.7	18.2	19.6	21.2
50°	7.7	9.1	10.7	12.5	13.6	14.7	15.9	16.9	18.0	19.5	21.2
52.5°	8.2	9.9	11.4	12.3	13.1	14.2	15.3	16.7	18.1	19.4	21.1
55°	8.1	9.9	11.5	12.5	13.3	14.0	15.0	16.1	17.7	19.3	21.0
57.5°	8.0	9.8	11.0	12.1	13.1	14.1	15.0	16.0	17.2	18.8	20.7
60°	7.9	9.3	10.5	11.6	12.8	13.9	15.0	16.0	17.2	18.4	21.5
62.5°	7.6	8.8	10.0	11.3	12.5	13.7	14.9	16.0	17.7	20.1	23.1
65°	7.1	8.4	9.7	11.0	12.3	13.6	14.8	16.8	19.1	21.7	24.8
67.5°	6.5	7.9	9.5	10.8	12.2	13.6	15.6	17.7	20.3	23.2	26.2
70°	5.7	7.2	8.9	10.8	12.2	14.0	16.1	18.5	21.1	24.5	27.7
72.5°	5.0	6.3	8.1	10.3	12.4	14.1	16.5	19.1	22.0	25.4	29.2
75°	4.4	5.8	7.2	9.5	12.1	14.3	16.6	19.6	22.8	26.2	30.7
77.5°	3.4	5.1	6.7	8.7	11.6	14.5	16.7	19.9	23.4	26.9	31.2
80°	2.4	3.8	6.2	8.1	11.1	14.4	16.9	20.0	23.6	27.4	31.6
82.5°	1.3	2.7	5.2	7.7	10.5	13.9	16.9	20.1	24.0	27.9	32.3
85°	0.4	1.8	4.2	7.1	10.0	13.7	16.9	20.4	24.5	28.6	33.3
87.5°	0.1	1.3	3.5	6.7	9.7	13.8	17.1	21.0	25.2	29.4	34.5
90°	0.0	1.1	3.3	6.5	9.8	14.2	17.4	21.8	26.2	30.5	36.0
92.5°	0.1	1.3	3.5	6.7	9.7	13.8	17.1	21.0	25.2	29.4	34.5
95°	0.4	1.8	4.2	7.1	10.0	13.7	16.9	20.4	24.5	28.6	33.3
97.5°	1.3	2.7	5.2	7.7	10.5	13.9	16.9	20.1	24.0	27.9	32.3
100°	2.4	3.8	6.2	8.1	11.1	14.4	16.9	20.0	23.6	27.4	31.6
102.5°	3.4	5.1	6.7	8.7	11.6	14.5	16.7	19.9	23.4	26.9	31.2
105°	4.4	5.8	7.2	9.5	12.1	14.3	16.6	19.6	22.8	26.2	30.7
107.5°	5.0	6.3	8.1	10.3	12.4	14.1	16.5	19.1	22.0	25.4	29.2
110°	5.7	7.2	8.9	10.8	12.2	14.0	16.1	18.5	21.1	24.5	27.7



TEST NUMBER: P231883

CATALOG NUMBER: FVS4WM-2-LD4-50-1HI-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°	6.5	7.9	9.5	10.8	12.2	13.6	15.6	17.7	20.3	23.2	26.2
115°	7.1	8.4	9.7	11.0	12.3	13.6	14.8	16.8	19.1	21.7	24.8
117.5°	7.6	8.8	10.0	11.3	12.5	13.7	14.9	16.0	17.7	20.1	23.1
120°	7.9	9.3	10.5	11.6	12.8	13.9	15.0	16.0	17.2	18.4	21.5
122.5°	8.0	9.8	11.0	12.1	13.1	14.1	15.0	16.0	17.2	18.8	20.7
125°	8.1	9.9	11.5	12.5	13.3	14.0	15.0	16.1	17.7	19.3	21.0
127.5°	8.2	9.9	11.4	12.3	13.1	14.2	15.3	16.7	18.1	19.4	21.1
130°	7.7	9.1	10.7	12.5	13.6	14.7	15.9	16.9	18.0	19.5	21.2
132.5°	7.5	9.1	10.7	12.4	14.1	14.9	15.7	16.7	18.2	19.6	21.2
135°	7.4	9.0	10.6	11.9	13.2	14.4	15.6	16.9	18.1	19.4	20.9
137.5°	7.1	8.4	9.7	11.2	12.7	14.3	15.5	16.4	17.5	18.7	20.1
140°	6.7	8.1	9.5	10.9	12.1	13.3	14.4	15.5	16.5	17.7	18.9
142.5°	6.4	7.6	8.8	10.0	11.1	12.2	13.3	14.3	15.2	16.3	17.6
145°	5.9	7.0	8.1	9.2	10.2	11.2	12.2	13.1	14.0	14.9	15.9
147.5°	5.3	6.4	7.4	8.4	9.3	10.2	11.1	12.0	12.8	13.6	14.4
150°	4.8	5.8	6.7	7.6	8.5	9.3	10.2	10.9	11.7	12.7	13.7
152.5°	4.4	5.2	6.0	6.9	7.7	8.5	9.4	10.3	11.2	12.0	12.7
155°	4.0	4.8	5.6	6.4	7.2	8.1	8.8	9.5	10.2	10.8	11.6
157.5°	3.7	4.4	5.1	5.8	6.5	7.2	7.9	8.6	9.4	10.1	10.9
160°	3.3	4.0	4.6	5.3	6.0	6.7	7.3	8.0	8.6	9.1	9.7
162.5°	3.0	3.6	4.2	4.8	5.3	5.9	6.4	6.9	7.5	8.1	8.7
165°	2.6	3.1	3.6	4.1	4.7	5.2	5.7	6.2	6.7	7.2	7.6
167.5°	2.3	2.7	3.1	3.6	4.0	4.4	4.8	5.2	5.6	6.0	6.3
170°	1.8	2.1	2.5	2.8	3.2	3.5	3.8	4.1	4.4	4.7	5.0
172.5°	1.3	1.6	1.9	2.1	2.4	2.7	2.9	3.2	3.4	3.7	3.9
175°	0.9	1.1	1.3	1.5	1.7	1.9	2.0	2.2	2.4	2.6	2.7
177.5°	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.3	1.4
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: P231883

CATALOG NUMBER: FVS4WM-2-LD4-50-1HI-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°	1.5	1.6	1.7	1.8	1.8	1.9	2.0	2.0	2.1	2.2	2.2
5°	2.9	3.0	3.2	3.3	3.5	3.6	3.7	3.9	4.0	4.1	4.2
7.5°	4.1	4.4	4.6	4.8	5.0	5.2	5.4	5.6	5.8	6.0	6.2
10°	5.3	5.6	5.9	6.2	6.5	6.8	7.0	7.3	7.6	7.8	8.0
12.5°	6.7	7.0	7.3	7.6	7.9	8.2	8.5	8.9	9.2	9.5	9.8
15°	8.0	8.4	8.8	9.2	9.5	9.9	10.2	10.5	10.8	11.2	11.5
17.5°	9.2	9.8	10.3	10.8	11.2	11.5	11.9	12.2	12.6	12.8	13.2
20°	10.2	10.8	11.4	12.1	12.7	13.2	13.7	14.0	14.4	14.7	15.0
22.5°	11.5	12.1	12.6	13.1	13.9	14.6	15.3	15.8	16.2	16.6	16.9
25°	12.5	13.3	14.1	14.7	15.2	15.7	16.6	17.4	18.1	18.5	19.6
27.5°	13.4	14.1	15.0	16.0	16.8	17.4	18.6	20.2	22.0	23.8	25.3
30°	14.8	15.4	16.1	17.2	19.0	20.8	22.4	24.0	26.0	28.2	30.4
32.5°	15.4	16.9	18.5	19.9	21.4	23.4	25.6	27.6	29.7	32.0	34.8
35°	17.1	18.4	20.2	22.2	23.9	25.6	27.9	30.5	33.1	35.6	38.6
37.5°	18.9	20.3	21.8	23.7	25.9	28.0	30.0	32.8	35.9	38.9	42.0
40°	20.3	21.8	23.4	25.2	27.3	29.8	32.2	34.7	38.1	41.8	45.4
42.5°	21.5	23.0	24.8	26.7	28.7	31.2	34.1	36.9	40.0	44.2	48.4
45°	22.5	24.1	25.8	27.9	30.2	32.5	35.5	38.8	42.0	46.2	51.1
47.5°	23.0	25.0	26.9	28.8	31.3	34.0	36.7	40.4	44.0	47.9	53.4
50°	23.1	25.3	27.8	29.9	32.2	35.2	38.2	41.8	46.5	50.5	55.0
52.5°	23.0	25.3	28.0	30.8	33.2	37.2	41.6	45.9	50.3	54.0	57.3
55°	22.9	25.1	28.2	32.7	37.0	41.0	45.6	50.2	54.5	58.2	60.5
57.5°	23.0	26.6	30.7	35.4	40.4	45.0	49.7	54.5	59.3	62.8	64.7
60°	25.0	28.9	33.1	38.0	43.4	48.7	53.7	58.8	63.8	67.5	69.3
62.5°	26.8	31.0	35.6	40.6	46.1	52.2	57.7	63.0	68.4	72.7	74.5
65°	28.5	32.7	37.7	43.1	48.9	55.3	61.5	67.4	72.9	78.1	80.0
67.5°	30.3	34.5	39.7	45.5	51.6	58.2	65.3	71.7	77.5	83.3	85.2
70°	31.8	36.4	41.6	47.8	54.4	61.2	69.0	76.0	82.2	87.8	89.2
72.5°	33.1	38.4	43.3	50.1	57.1	63.7	71.1	77.7	82.9	87.1	88.6
75°	34.5	39.9	44.7	50.8	57.7	64.5	71.9	78.7	83.6	86.9	88.1
77.5°	35.3	40.3	45.5	51.4	58.5	65.6	73.0	80.1	84.6	87.2	87.7
80°	36.0	40.9	46.5	52.2	59.4	66.9	74.3	81.7	85.8	87.8	87.4
82.5°	36.8	41.7	47.6	53.2	60.5	68.3	75.8	83.6	87.3	88.6	87.1
85°	37.8	42.8	49.0	54.4	61.9	70.0	77.5	85.8	89.0	89.5	86.8
87.5°	38.9	44.2	50.5	56.0	63.5	71.9	79.5	88.1	90.8	90.6	86.5
90°	40.3	45.8	52.3	57.8	65.4	74.1	81.7	90.5	92.6	91.6	86.1
92.5°	38.9	44.2	50.5	56.0	63.5	71.9	79.5	88.1	90.8	90.6	86.5
95°	37.8	42.8	49.0	54.4	61.9	70.0	77.5	85.8	89.0	89.5	86.8
97.5°	36.8	41.7	47.6	53.2	60.5	68.3	75.8	83.6	87.3	88.6	87.1
100°	36.0	40.9	46.5	52.2	59.4	66.9	74.3	81.7	85.8	87.8	87.4
102.5°	35.3	40.3	45.5	51.4	58.5	65.6	73.0	80.1	84.6	87.2	87.7
105°	34.5	39.9	44.7	50.8	57.7	64.5	71.9	78.7	83.6	86.9	88.1
107.5°	33.1	38.4	43.3	50.1	57.1	63.7	71.1	77.7	82.9	87.1	88.6
110°	31.8	36.4	41.6	47.8	54.4	61.2	69.0	76.0	82.2	87.8	89.2



TEST NUMBER: P231883

CATALOG NUMBER: FVS4WM-2-LD4-50-1HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	30.3	34.5	39.7	45.5	51.6	58.2	65.3	71.7	77.5	83.3	85.2
115°	28.5	32.7	37.7	43.1	48.9	55.3	61.5	67.4	72.9	78.1	80.0
117.5°	26.8	31.0	35.6	40.6	46.1	52.2	57.7	63.0	68.4	72.7	74.5
120°	25.0	28.9	33.1	38.0	43.4	48.7	53.7	58.8	63.8	67.5	69.3
122.5°	23.0	26.6	30.7	35.4	40.4	45.0	49.7	54.5	59.3	62.8	64.7
125°	22.9	25.1	28.2	32.7	37.0	41.0	45.6	50.2	54.5	58.2	60.5
127.5°	23.0	25.3	28.0	30.8	33.2	37.2	41.6	45.9	50.3	54.0	57.3
130°	23.1	25.3	27.8	29.9	32.2	35.2	38.2	41.8	46.5	50.5	55.0
132.5°	23.0	25.0	26.9	28.8	31.3	34.0	36.7	40.4	44.0	47.9	53.4
135°	22.5	24.1	25.8	27.9	30.2	32.5	35.5	38.8	42.0	46.2	51.1
137.5°	21.5	23.0	24.8	26.7	28.7	31.2	34.1	36.9	40.0	44.2	48.4
140°	20.3	21.8	23.4	25.2	27.3	29.8	32.2	34.7	38.1	41.8	45.4
142.5°	18.9	20.3	21.8	23.7	25.9	28.0	30.0	32.8	35.9	38.9	42.0
145°	17.1	18.4	20.2	22.2	23.9	25.6	27.9	30.5	33.1	35.6	38.6
147.5°	15.4	16.9	18.5	19.9	21.4	23.4	25.6	27.6	29.7	32.0	34.8
150°	14.8	15.4	16.1	17.2	19.0	20.8	22.4	24.0	26.0	28.2	30.4
152.5°	13.4	14.1	15.0	16.0	16.8	17.4	18.6	20.2	22.0	23.8	25.3
155°	12.5	13.3	14.1	14.7	15.2	15.7	16.6	17.4	18.1	18.5	19.6
157.5°	11.5	12.1	12.6	13.1	13.9	14.6	15.3	15.8	16.2	16.6	16.9
160°	10.2	10.8	11.4	12.1	12.7	13.2	13.7	14.0	14.4	14.7	15.0
162.5°	9.2	9.8	10.3	10.8	11.2	11.5	11.9	12.2	12.6	12.8	13.2
165°	8.0	8.4	8.8	9.2	9.5	9.9	10.2	10.5	10.8	11.2	11.5
167.5°	6.7	7.0	7.3	7.6	7.9	8.2	8.5	8.9	9.2	9.5	9.8
170°	5.3	5.6	5.9	6.2	6.5	6.8	7.0	7.3	7.6	7.8	8.0
172.5°	4.1	4.4	4.6	4.8	5.0	5.2	5.4	5.6	5.8	6.0	6.2
175°	2.9	3.0	3.2	3.3	3.5	3.6	3.7	3.9	4.0	4.1	4.2
177.5°	1.5	1.6	1.7	1.8	1.8	1.9	2.0	2.0	2.1	2.2	2.2
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: P231883

CATALOG NUMBER: FVS4WM-2-LD4-50-1HI-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°	2.3	2.3	2.4	2.4	2.4	2.5	2.5	2.5	2.5	2.5	2.9
5°	4.4	4.5	4.6	4.7	4.8	4.8	4.9	5.0	5.0	5.1	5.8
7.5°	6.3	6.5	6.7	6.8	7.0	7.1	7.3	7.4	7.5	7.6	8.7
10°	8.3	8.5	8.7	8.9	9.1	9.4	9.6	9.8	10.0	10.2	11.5
12.5°	10.1	10.4	10.7	11.0	11.2	11.5	11.8	12.1	12.4	12.7	14.3
15°	11.9	12.3	12.6	13.0	13.3	13.6	14.0	14.5	14.9	15.3	17.1
17.5°	13.6	14.1	14.5	14.9	15.3	15.7	16.1	16.7	17.3	17.8	19.9
20°	15.3	15.8	16.3	16.9	17.3	17.8	18.3	19.0	19.7	20.4	22.6
22.5°	17.2	17.5	18.1	18.7	19.3	19.8	20.4	21.1	22.0	22.9	25.4
25°	20.7	21.8	22.9	24.1	25.2	26.0	26.8	27.5	28.5	29.3	31.9
27.5°	26.8	28.2	29.6	30.9	32.0	32.9	33.6	34.1	35.0	35.7	38.5
30°	32.3	34.3	36.1	37.8	39.0	40.0	40.4	40.8	41.5	42.2	45.0
32.5°	37.4	39.8	42.2	44.5	46.0	47.0	47.4	47.6	48.1	48.6	51.5
35°	41.9	45.0	48.0	50.8	53.0	54.0	54.5	54.4	54.7	55.0	58.0
37.5°	45.9	49.7	53.3	56.8	60.2	61.1	61.6	61.3	61.3	61.4	64.4
40°	49.5	54.0	58.3	62.6	66.4	68.2	68.8	68.3	68.0	67.9	70.9
42.5°	52.7	57.8	63.0	68.3	72.6	75.4	76.1	75.3	74.6	74.3	77.3
45°	56.0	61.4	67.3	73.2	78.6	82.6	83.2	82.3	81.3	80.7	83.7
47.5°	58.7	63.9	69.7	75.3	80.6	85.4	86.3	86.5	86.9	88.1	93.3
50°	59.7	64.4	70.1	75.7	81.2	86.6	88.8	90.3	92.3	95.5	103.1
52.5°	61.2	65.4	70.6	76.3	81.7	87.5	91.0	94.0	97.5	102.8	113.1
55°	63.5	66.9	71.3	77.0	82.3	88.4	93.1	97.4	102.7	110.2	123.2
57.5°	66.4	68.7	72.2	77.9	83.1	89.3	95.1	100.7	107.7	117.6	133.4
60°	69.9	70.9	73.5	78.9	84.0	90.2	96.8	103.8	112.6	125.0	143.8
62.5°	73.9	73.5	75.3	80.0	85.0	91.1	98.5	106.7	117.5	132.3	154.2
65°	78.5	76.9	77.4	81.3	86.2	92.0	100.1	109.6	122.2	139.7	164.7
67.5°	83.4	80.6	79.8	82.7	87.5	93.0	101.6	112.3	126.9	147.1	175.3
70°	86.6	82.7	80.7	82.6	87.2	92.4	100.6	111.4	126.0	146.6	175.0
72.5°	86.4	82.7	80.6	82.0	86.6	91.7	99.6	110.5	125.1	146.1	174.6
75°	86.0	82.6	80.4	81.6	85.9	91.1	98.6	109.7	124.3	145.7	175.1
77.5°	85.5	82.3	80.3	81.3	85.3	90.7	97.6	108.9	123.4	145.2	174.3
80°	84.9	81.9	80.2	81.0	84.7	90.3	96.7	108.1	122.6	144.7	173.4
82.5°	84.2	81.4	80.0	80.9	84.2	90.0	95.8	107.4	121.9	144.2	172.6
85°	83.5	80.8	79.9	80.8	83.7	89.7	95.1	106.8	121.2	143.8	171.7
87.5°	82.6	80.2	79.7	80.7	83.2	89.5	94.4	106.2	120.5	143.3	170.9
90°	81.7	79.6	79.6	80.7	82.8	89.4	93.7	105.7	119.9	142.8	170.0
92.5°	82.6	80.2	79.7	80.7	83.2	89.5	94.4	106.2	120.5	143.3	170.9
95°	83.5	80.8	79.9	80.8	83.7	89.7	95.1	106.8	121.2	143.8	171.7
97.5°	84.2	81.4	80.0	80.9	84.2	90.0	95.8	107.4	121.9	144.2	172.6
100°	84.9	81.9	80.2	81.0	84.7	90.3	96.7	108.1	122.6	144.7	173.4
102.5°	85.5	82.3	80.3	81.3	85.3	90.7	97.6	108.9	123.4	145.2	174.3
105°	86.0	82.6	80.4	81.6	85.9	91.1	98.6	109.7	124.3	145.7	175.1
107.5°	86.4	82.7	80.6	82.0	86.6	91.7	99.6	110.5	125.1	146.1	174.6
110°	86.6	82.7	80.7	82.6	87.2	92.4	100.6	111.4	126.0	146.6	175.0



TEST NUMBER: P231883

CATALOG NUMBER: FVS4WM-2-LD4-50-1HI-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°	83.4	80.6	79.8	82.7	87.5	93.0	101.6	112.3	126.9	147.1	175.3
115°	78.5	76.9	77.4	81.3	86.2	92.0	100.1	109.6	122.2	139.7	164.7
117.5°	73.9	73.5	75.3	80.0	85.0	91.1	98.5	106.7	117.5	132.3	154.2
120°	69.9	70.9	73.5	78.9	84.0	90.2	96.8	103.8	112.6	125.0	143.8
122.5°	66.4	68.7	72.2	77.9	83.1	89.3	95.1	100.7	107.7	117.6	133.4
125°	63.5	66.9	71.3	77.0	82.3	88.4	93.1	97.4	102.7	110.2	123.2
127.5°	61.2	65.4	70.6	76.3	81.7	87.5	91.0	94.0	97.5	102.8	113.1
130°	59.7	64.4	70.1	75.7	81.2	86.6	88.8	90.3	92.3	95.5	103.1
132.5°	58.7	63.9	69.7	75.3	80.6	85.4	86.3	86.5	86.9	88.1	93.3
135°	56.0	61.4	67.3	73.2	78.6	82.6	83.2	82.3	81.3	80.7	83.7
137.5°	52.7	57.8	63.0	68.3	72.6	75.4	76.1	75.3	74.6	74.3	77.3
140°	49.5	54.0	58.3	62.6	66.4	68.2	68.8	68.3	68.0	67.9	70.9
142.5°	45.9	49.7	53.3	56.8	60.2	61.1	61.6	61.3	61.3	61.4	64.4
145°	41.9	45.0	48.0	50.8	53.0	54.0	54.5	54.4	54.7	55.0	58.0
147.5°	37.4	39.8	42.2	44.5	46.0	47.0	47.4	47.6	48.1	48.6	51.5
150°	32.3	34.3	36.1	37.8	39.0	40.0	40.4	40.8	41.5	42.2	45.0
152.5°	26.8	28.2	29.6	30.9	32.0	32.9	33.6	34.1	35.0	35.7	38.5
155°	20.7	21.8	22.9	24.1	25.2	26.0	26.8	27.5	28.5	29.3	31.9
157.5°	17.2	17.5	18.1	18.7	19.3	19.8	20.4	21.1	22.0	22.9	25.4
160°	15.3	15.8	16.3	16.9	17.3	17.8	18.3	19.0	19.7	20.4	22.6
162.5°	13.6	14.1	14.5	14.9	15.3	15.7	16.1	16.7	17.3	17.8	19.9
165°	11.9	12.3	12.6	13.0	13.3	13.6	14.0	14.5	14.9	15.3	17.1
167.5°	10.1	10.4	10.7	11.0	11.2	11.5	11.8	12.1	12.4	12.7	14.3
170°	8.3	8.5	8.7	8.9	9.1	9.4	9.6	9.8	10.0	10.2	11.5
172.5°	6.3	6.5	6.7	6.8	7.0	7.1	7.3	7.4	7.5	7.6	8.7
175°	4.4	4.5	4.6	4.7	4.8	4.8	4.9	5.0	5.0	5.1	5.8
177.5°	2.3	2.3	2.4	2.4	2.4	2.5	2.5	2.5	2.5	2.5	2.9
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: P231883

CATALOG NUMBER: FVS4WM-2-LD4-50-1HI-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°	3.3	3.6	4.0	4.3	4.6	5.0	5.3	5.6	5.9	6.2	6.4
5°	6.5	7.2	7.9	8.5	9.2	9.8	10.4	11.0	11.6	12.1	12.7
7.5°	9.7	10.7	11.7	12.6	13.6	14.5	15.4	16.7	17.9	19.0	20.2
10°	12.8	14.1	15.4	16.6	17.9	19.6	21.2	22.8	24.3	25.9	27.4
12.5°	15.9	17.5	19.0	20.7	22.7	24.7	26.7	28.6	30.3	31.7	33.1
15°	19.0	20.8	22.6	25.0	27.3	29.7	31.9	33.8	35.6	37.4	39.3
17.5°	21.9	24.0	26.4	29.1	31.8	34.3	36.7	39.0	41.2	43.6	46.0
20°	24.9	27.2	30.1	33.1	36.0	38.9	41.7	44.5	47.5	50.4	53.2
22.5°	27.8	30.5	33.7	36.9	40.2	43.6	47.0	50.5	54.0	57.2	60.0
25°	34.4	37.3	40.5	43.7	47.2	50.6	54.1	57.6	60.9	63.8	66.9
27.5°	41.1	44.3	47.6	51.3	55.1	58.9	62.7	66.4	69.6	72.7	75.9
30°	47.7	51.2	54.7	58.8	63.1	67.0	71.0	74.7	78.2	81.6	85.0
32.5°	54.4	58.0	61.8	66.3	70.6	74.9	79.0	82.9	86.6	90.1	92.7
35°	61.0	64.7	68.9	73.6	78.2	82.8	86.9	90.9	94.5	97.5	99.2
37.5°	67.6	71.3	75.9	80.9	85.5	90.1	94.6	98.4	102.3	103.8	105.2
40°	74.2	77.8	82.9	88.0	92.6	97.4	102.0	105.5	108.1	109.7	109.9
42.5°	80.6	84.3	89.8	94.9	99.6	104.7	108.9	112.3	113.8	114.6	114.3
45°	87.0	91.0	96.6	101.7	106.6	111.9	115.3	117.8	119.4	118.9	119.1
47.5°	98.7	104.6	111.7	116.3	120.3	123.5	124.5	124.2	123.8	122.9	124.1
50°	111.0	119.5	128.7	134.2	138.2	140.3	140.6	139.5	136.4	133.6	132.0
52.5°	123.5	134.8	145.8	152.4	155.9	156.8	156.0	154.2	150.0	147.4	146.4
55°	136.3	150.5	163.1	170.3	173.3	172.8	171.1	168.0	163.6	160.6	160.7
57.5°	149.3	166.5	180.5	187.8	190.2	188.5	186.0	181.7	177.1	174.3	175.0
60°	162.5	182.9	198.1	205.2	206.4	203.9	200.6	195.1	190.2	188.4	189.5
62.5°	175.9	199.4	215.7	222.4	222.4	218.9	214.7	208.4	202.9	202.4	203.9
65°	189.5	216.2	233.4	239.5	238.2	233.7	228.5	221.6	215.4	216.3	218.1
67.5°	203.2	233.2	251.2	256.4	253.7	248.4	242.2	234.7	229.2	230.2	232.1
70°	203.5	234.8	254.9	262.6	261.9	257.8	252.2	245.6	242.0	243.8	247.5
72.5°	203.3	235.2	256.7	266.6	267.7	264.0	259.1	253.6	251.3	253.2	258.7
75°	202.9	235.3	258.7	271.0	273.8	270.3	266.3	262.0	260.3	262.5	269.0
77.5°	202.5	235.3	260.6	275.7	280.2	276.7	273.8	270.7	269.2	271.9	279.0
80°	202.8	235.0	262.6	280.5	286.8	283.1	281.6	279.7	277.8	281.3	288.5
82.5°	201.7	235.5	265.5	285.4	293.6	289.6	289.5	288.9	286.3	290.7	297.7
85°	200.6	234.4	266.7	290.8	300.6	296.1	297.7	298.3	294.8	300.0	306.6
87.5°	199.5	233.3	268.0	295.2	307.3	302.8	305.8	307.8	303.2	309.3	315.3
90°	198.4	232.2	269.2	299.7	313.9	309.5	313.9	317.2	311.7	318.3	323.7
92.5°	199.5	233.3	268.0	295.2	307.3	302.8	305.8	307.8	303.2	309.3	315.3
95°	200.6	234.4	266.7	290.8	300.6	296.1	297.7	298.3	294.8	300.0	306.6
97.5°	201.7	235.5	265.5	285.4	293.6	289.6	289.5	288.9	286.3	290.7	297.7
100°	202.8	235.0	262.6	280.5	286.8	283.1	281.6	279.7	277.8	281.3	288.5
102.5°	202.5	235.3	260.6	275.7	280.2	276.7	273.8	270.7	269.2	271.9	279.0
105°	202.9	235.3	258.7	271.0	273.8	270.3	266.3	262.0	260.3	262.5	269.0
107.5°	203.3	235.2	256.7	266.6	267.7	264.0	259.1	253.6	251.3	253.2	258.7
110°	203.5	234.8	254.9	262.6	261.9	257.8	252.2	245.6	242.0	243.8	247.5



TEST NUMBER: P231883

CATALOG NUMBER: FVS4WM-2-LD4-50-1HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	203.2	233.2	251.2	256.4	253.7	248.4	242.2	234.7	229.2	230.2	232.1
115°	189.5	216.2	233.4	239.5	238.2	233.7	228.5	221.6	215.4	216.3	218.1
117.5°	175.9	199.4	215.7	222.4	222.4	218.9	214.7	208.4	202.9	202.4	203.9
120°	162.5	182.9	198.1	205.2	206.4	203.9	200.6	195.1	190.2	188.4	189.5
122.5°	149.3	166.5	180.5	187.8	190.2	188.5	186.0	181.7	177.1	174.3	175.0
125°	136.3	150.5	163.1	170.3	173.3	172.8	171.1	168.0	163.6	160.6	160.7
127.5°	123.5	134.8	145.8	152.4	155.9	156.8	156.0	154.2	150.0	147.4	146.4
130°	111.0	119.5	128.7	134.2	138.2	140.3	140.6	139.5	136.4	133.6	132.0
132.5°	98.7	104.6	111.7	116.3	120.3	123.5	124.5	124.2	123.8	122.9	124.1
135°	87.0	91.0	96.6	101.7	106.6	111.9	115.3	117.8	119.4	118.9	119.1
137.5°	80.6	84.3	89.8	94.9	99.6	104.7	108.9	112.3	113.8	114.6	114.3
140°	74.2	77.8	82.9	88.0	92.6	97.4	102.0	105.5	108.1	109.7	109.9
142.5°	67.6	71.3	75.9	80.9	85.5	90.1	94.6	98.4	102.3	103.8	105.2
145°	61.0	64.7	68.9	73.6	78.2	82.8	86.9	90.9	94.5	97.5	99.2
147.5°	54.4	58.0	61.8	66.3	70.6	74.9	79.0	82.9	86.6	90.1	92.7
150°	47.7	51.2	54.7	58.8	63.1	67.0	71.0	74.7	78.2	81.6	85.0
152.5°	41.1	44.3	47.6	51.3	55.1	58.9	62.7	66.4	69.6	72.7	75.9
155°	34.4	37.3	40.5	43.7	47.2	50.6	54.1	57.6	60.9	63.8	66.9
157.5°	27.8	30.5	33.7	36.9	40.2	43.6	47.0	50.5	54.0	57.2	60.0
160°	24.9	27.2	30.1	33.1	36.0	38.9	41.7	44.5	47.5	50.4	53.2
162.5°	21.9	24.0	26.4	29.1	31.8	34.3	36.7	39.0	41.2	43.6	46.0
165°	19.0	20.8	22.6	25.0	27.3	29.7	31.9	33.8	35.6	37.4	39.3
167.5°	15.9	17.5	19.0	20.7	22.7	24.7	26.7	28.6	30.3	31.7	33.1
170°	12.8	14.1	15.4	16.6	17.9	19.6	21.2	22.8	24.3	25.9	27.4
172.5°	9.7	10.7	11.7	12.6	13.6	14.5	15.4	16.7	17.9	19.0	20.2
175°	6.5	7.2	7.9	8.5	9.2	9.8	10.4	11.0	11.6	12.1	12.7
177.5°	3.3	3.6	4.0	4.3	4.6	5.0	5.3	5.6	5.9	6.2	6.4
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: P231883

CATALOG NUMBER: FVS4WM-2-LD4-50-1HI-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°	6.7	7.0	7.2	7.4	7.6	7.8	8.0	8.2	8.3	8.5	8.6
5°	13.4	14.1	14.8	15.5	16.1	16.7	17.3	17.8	18.3	18.7	19.1
7.5°	21.3	22.3	23.3	24.3	25.2	25.7	26.1	26.6	27.0	27.3	27.6
10°	28.3	29.3	30.1	31.0	31.7	32.4	33.0	33.7	34.4	35.1	35.6
12.5°	34.3	35.5	36.7	38.0	39.3	40.5	41.5	42.5	43.4	44.0	44.5
15°	40.9	42.8	44.5	46.1	47.6	48.7	49.6	50.5	51.2	51.9	52.4
17.5°	48.3	50.7	52.2	53.7	55.1	56.4	57.6	58.7	59.6	60.4	61.0
20°	55.5	57.6	59.5	61.4	63.2	64.9	66.3	67.5	68.4	69.2	69.9
22.5°	62.6	65.1	67.6	69.9	72.1	73.3	74.4	75.5	76.6	77.9	79.2
25°	70.2	73.3	76.6	77.8	79.3	80.6	81.9	83.2	84.7	86.2	87.7
27.5°	79.1	81.6	83.0	84.6	85.7	86.8	88.4	89.7	91.4	93.1	95.0
30°	87.4	88.8	90.0	90.5	90.9	91.9	93.5	95.2	97.5	99.7	102.2
32.5°	94.2	95.3	95.7	96.2	97.1	98.0	99.2	100.6	103.6	107.9	112.3
35°	100.3	100.6	101.2	102.2	103.4	105.0	106.4	109.8	113.1	118.2	125.0
37.5°	105.3	105.8	106.9	108.4	110.2	112.8	116.6	121.0	127.1	133.4	140.9
40°	110.0	111.3	112.9	114.9	118.2	122.3	128.4	135.2	143.7	153.2	163.1
42.5°	115.3	116.8	119.1	122.5	127.0	134.1	141.8	152.7	164.3	176.8	189.8
45°	120.4	122.8	126.0	130.7	138.2	146.7	159.2	172.0	187.2	202.6	219.2
47.5°	126.0	128.7	133.6	140.7	150.0	163.3	177.7	194.2	212.0	230.5	250.5
50°	132.2	135.8	141.7	151.7	165.0	180.1	198.0	217.5	238.9	260.7	283.7
52.5°	146.9	149.0	155.0	164.3	180.7	198.7	219.2	242.2	266.2	292.1	319.8
55°	162.1	165.7	173.9	185.4	200.3	217.8	240.6	267.0	294.8	324.5	356.9
57.5°	177.0	183.4	193.1	205.8	222.1	242.5	266.2	292.7	323.7	358.2	393.2
60°	192.3	200.5	211.6	225.9	244.0	265.9	292.3	321.7	354.5	390.5	425.4
62.5°	208.9	217.9	229.1	244.3	264.7	289.3	317.4	348.6	384.1	418.7	456.6
65°	225.1	234.4	246.4	262.8	284.2	310.4	340.5	373.8	408.3	444.3	486.1
67.5°	240.8	249.8	262.3	280.2	303.3	330.7	361.4	394.8	428.4	468.6	517.7
70°	256.0	264.3	276.8	296.1	320.4	348.9	379.5	411.7	447.2	490.3	546.1
72.5°	267.8	277.6	291.3	311.1	335.8	366.0	394.2	425.3	463.2	511.1	571.0
75°	278.2	289.2	303.6	322.7	347.1	375.8	405.0	436.5	475.7	526.4	593.3
77.5°	288.5	300.4	314.4	332.0	355.3	382.5	411.0	444.6	488.1	543.0	610.5
80°	298.7	311.1	323.9	339.3	361.6	387.4	415.0	450.7	498.3	560.1	629.1
82.5°	308.6	321.4	332.2	345.1	366.1	390.5	416.9	454.6	506.3	573.2	643.6
85°	318.3	331.3	339.7	349.6	369.1	392.0	417.1	456.3	511.6	582.0	653.6
87.5°	327.9	341.0	346.7	353.4	371.2	392.7	416.3	457.0	515.8	588.7	661.4
90°	336.8	349.9	353.1	356.4	371.7	391.3	413.1	453.4	513.4	586.4	659.4
92.5°	327.9	341.0	346.7	353.4	371.2	392.7	416.3	457.0	515.8	588.7	661.4
95°	318.3	331.3	339.7	349.6	369.1	392.0	417.1	456.3	511.6	582.0	653.6
97.5°	308.6	321.4	332.2	345.1	366.1	390.5	416.9	454.6	506.3	573.2	643.6
100°	298.7	311.1	323.9	339.3	361.6	387.4	415.0	450.7	498.3	560.1	629.1
102.5°	288.5	300.4	314.4	332.0	355.3	382.5	411.0	444.6	488.1	543.0	610.5
105°	278.2	289.2	303.6	322.7	347.1	375.8	405.0	436.5	475.7	526.4	593.3
107.5°	267.8	277.6	291.3	311.1	335.8	366.0	394.2	425.3	463.2	511.1	571.0
110°	256.0	264.3	276.8	296.1	320.4	348.9	379.5	411.7	447.2	490.3	546.1



TEST NUMBER: P231883

CATALOG NUMBER: FVS4WM-2-LD4-50-1HI-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	249.8	262.3	280.2	303.3	330.7	361.4	394.8	428.4	468.6	517.7
115°	225.1	234.4	246.4	262.8	284.2	310.4	340.5	373.8	408.3	444.3	486.1
117.5°	208.9	217.9	229.1	244.3	264.7	289.3	317.4	348.6	384.1	418.7	456.6
120°	192.3	200.5	211.6	225.9	244.0	265.9	292.3	321.7	354.5	390.5	425.4
122.5°	177.0	183.4	193.1	205.8	222.1	242.5	266.2	292.7	323.7	358.2	393.2
125°	162.1	165.7	173.9	185.4	200.3	217.8	240.6	267.0	294.8	324.5	356.9
127.5°	146.9	149.0	155.0	164.3	180.7	198.7	219.2	242.2	266.2	292.1	319.8
130°	132.2	135.8	141.7	151.7	165.0	180.1	198.0	217.5	238.9	260.7	283.7
132.5°	126.0	128.7	133.6	140.7	150.0	163.3	177.7	194.2	212.0	230.5	250.5
135°	120.4	122.8	126.0	130.7	138.2	146.7	159.2	172.0	187.2	202.6	219.2
137.5°	115.3	116.8	119.1	122.5	127.0	134.1	141.8	152.7	164.3	176.8	189.8
140°	110.0	111.3	112.9	114.9	118.2	122.3	128.4	135.2	143.7	153.2	163.1
142.5°	105.3	105.8	106.9	108.4	110.2	112.8	116.6	121.0	127.1	133.4	140.9
145°	100.3	100.6	101.2	102.2	103.4	105.0	106.4	109.8	113.1	118.2	125.0
147.5°	94.2	95.3	95.7	96.2	97.1	98.0	99.2	100.6	103.6	107.9	112.3
150°	87.4	88.8	90.0	90.5	90.9	91.9	93.5	95.2	97.5	99.7	102.2
152.5°	79.1	81.6	83.0	84.6	85.7	86.8	88.4	89.7	91.4	93.1	95.0
155°	70.2	73.3	76.6	77.8	79.3	80.6	81.9	83.2	84.7	86.2	87.7
157.5°	62.6	65.1	67.6	69.9	72.1	73.3	74.4	75.5	76.6	77.9	79.2
160°	55.5	57.6	59.5	61.4	63.2	64.9	66.3	67.5	68.4	69.2	69.9
162.5°	48.3	50.7	52.2	53.7	55.1	56.4	57.6	58.7	59.6	60.4	61.0
165°	40.9	42.8	44.5	46.1	47.6	48.7	49.6	50.5	51.2	51.9	52.4
167.5°	34.3	35.5	36.7	38.0	39.3	40.5	41.5	42.5	43.4	44.0	44.5
170°	28.3	29.3	30.1	31.0	31.7	32.4	33.0	33.7	34.4	35.1	35.6
172.5°	21.3	22.3	23.3	24.3	25.2	25.7	26.1	26.6	27.0	27.3	27.6
175°	13.4	14.1	14.8	15.5	16.1	16.7	17.3	17.8	18.3	18.7	19.1
177.5°	6.7	7.0	7.2	7.4	7.6	7.8	8.0	8.2	8.3	8.5	8.6
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: P231883

CATALOG NUMBER: FVS4WM-2-LD4-50-1HI-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°	8.7	8.8	8.9	8.9	9.0	9.0	9.3	9.2	9.1	9.0	8.9
5°	19.5	19.8	20.1	20.4	20.6	20.8	20.9	21.0	21.4	21.2	21.0
7.5°	27.8	28.0	28.2	28.3	28.3	28.3	28.3	28.2	28.1	28.1	27.8
10°	36.1	36.5	36.9	37.1	37.3	37.4	37.4	37.4	37.2	37.3	36.9
12.5°	44.8	45.1	45.3	45.4	45.4	45.3	45.1	44.9	44.5	44.1	43.8
15°	52.8	53.1	53.3	53.4	53.3	53.2	52.9	52.5	52.0	51.4	50.8
17.5°	61.5	61.9	62.2	62.4	62.4	62.4	62.3	62.0	61.7	61.2	60.8
20°	70.5	71.2	72.1	72.9	73.7	74.4	75.0	75.5	75.8	76.0	76.4
22.5°	80.5	81.9	83.1	84.1	85.1	86.0	86.8	87.5	88.0	88.4	89.0
25°	89.2	90.7	92.1	93.7	95.1	96.5	97.7	98.8	99.7	100.5	101.0
27.5°	97.0	99.0	101.0	103.4	106.2	108.7	111.0	113.1	114.9	116.4	117.5
30°	105.7	109.4	113.0	116.5	120.9	124.9	128.6	132.0	134.9	137.4	139.3
32.5°	117.1	122.9	128.5	133.9	139.8	145.8	151.2	156.1	160.3	163.8	166.6
35°	131.7	139.9	148.2	156.0	163.8	173.0	181.4	189.1	195.9	201.7	206.4
37.5°	150.9	161.1	173.2	184.9	196.0	206.7	216.4	224.9	232.3	238.4	243.4
40°	174.5	187.8	202.2	216.1	228.9	241.3	253.3	263.8	273.0	280.7	286.8
42.5°	203.9	217.7	233.6	250.5	266.2	281.0	295.8	308.6	319.3	328.1	334.8
45°	235.7	253.0	269.2	289.7	309.6	329.3	343.7	357.7	369.2	378.3	384.9
47.5°	270.3	292.0	313.6	334.9	357.2	377.1	396.1	413.6	428.2	440.0	448.6
50°	309.0	334.1	359.9	384.3	410.4	435.1	458.0	480.2	498.9	514.1	525.4
52.5°	348.9	378.1	407.8	437.5	469.5	501.1	529.1	560.1	585.7	605.7	620.2
55°	389.3	421.9	456.2	493.7	534.0	581.1	621.1	649.5	670.2	684.9	693.8
57.5°	427.4	465.3	505.8	556.8	612.5	657.1	700.2	723.3	738.2	749.4	756.6
60°	464.7	508.3	563.2	618.6	671.8	717.9	755.2	779.2	790.3	799.6	806.8
62.5°	499.9	555.6	614.0	672.3	722.8	765.9	795.8	817.4	830.6	840.4	846.8
65°	539.0	597.0	659.4	718.8	769.0	807.9	835.2	855.3	865.7	872.7	877.8
67.5°	575.2	638.0	703.3	764.7	814.8	849.7	872.0	884.0	892.4	901.2	906.5
70°	609.2	676.0	743.5	808.8	856.8	883.3	900.0	911.3	921.5	928.5	935.0
72.5°	638.5	707.5	777.3	840.4	884.7	909.7	922.7	934.5	944.8	950.5	957.1
75°	662.1	732.9	804.9	866.9	907.4	926.8	942.1	953.7	962.4	969.0	974.2
77.5°	679.5	752.1	831.5	890.1	922.3	941.4	956.7	968.0	976.2	983.3	989.7
80°	697.9	772.8	851.5	909.2	936.5	953.3	968.1	978.9	988.5	997.7	1002.7
82.5°	713.8	792.8	868.9	919.4	944.5	961.9	977.4	987.9	998.1	1005.0	1012.2
85°	724.1	805.1	881.2	927.5	949.5	967.7	983.0	993.6	1004.5	1012.5	1021.0
87.5°	731.5	809.9	887.6	933.2	952.6	969.7	986.2	995.4	1007.9	1014.9	1025.4
90°	728.1	807.6	887.2	935.2	953.7	968.9	987.5	995.1	1006.0	1015.8	1022.4
92.5°	731.5	809.9	887.6	933.2	952.6	969.7	986.2	995.4	1007.9	1014.9	1025.4
95°	724.1	805.1	881.2	927.5	949.5	967.7	983.0	993.6	1004.5	1012.5	1021.0
97.5°	713.8	792.8	868.9	919.4	944.5	961.9	977.4	987.9	998.1	1005.0	1012.2
100°	697.9	772.8	851.5	909.2	936.5	953.3	968.1	978.9	988.5	997.7	1002.7
102.5°	679.5	752.1	831.5	890.1	922.3	941.4	956.7	968.0	976.2	983.3	989.7
105°	662.1	732.9	804.9	866.9	907.4	926.8	942.1	953.7	962.4	969.0	974.2
107.5°	638.5	707.5	777.3	840.4	884.7	909.7	922.7	934.5	944.8	950.5	957.1
110°	609.2	676.0	743.5	808.8	856.8	883.3	900.0	911.3	921.5	928.5	935.0



TEST NUMBER: P231883

CATALOG NUMBER: FVS4WM-2-LD4-50-1HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	575.2	638.0	703.3	764.7	814.8	849.7	872.0	884.0	892.4	901.2	906.5
115°	539.0	597.0	659.4	718.8	769.0	807.9	835.2	855.3	865.7	872.7	877.8
117.5°	499.9	555.6	614.0	672.3	722.8	765.9	795.8	817.4	830.6	840.4	846.8
120°	464.7	508.3	563.2	618.6	671.8	717.9	755.2	779.2	790.3	799.6	806.8
122.5°	427.4	465.3	505.8	556.8	612.5	657.1	700.2	723.3	738.2	749.4	756.6
125°	389.3	421.9	456.2	493.7	534.0	581.1	621.1	649.5	670.2	684.9	693.8
127.5°	348.9	378.1	407.8	437.5	469.5	501.1	529.1	560.1	585.7	605.7	620.2
130°	309.0	334.1	359.9	384.3	410.4	435.1	458.0	480.2	498.9	514.1	525.4
132.5°	270.3	292.0	313.6	334.9	357.2	377.1	396.1	413.6	428.2	440.0	448.6
135°	235.7	253.0	269.2	289.7	309.6	329.3	343.7	357.7	369.2	378.3	384.9
137.5°	203.9	217.7	233.6	250.5	266.2	281.0	295.8	308.6	319.3	328.1	334.8
140°	174.5	187.8	202.2	216.1	228.9	241.3	253.3	263.8	273.0	280.7	286.8
142.5°	150.9	161.1	173.2	184.9	196.0	206.7	216.4	224.9	232.3	238.4	243.4
145°	131.7	139.9	148.2	156.0	163.8	173.0	181.4	189.1	195.9	201.7	206.4
147.5°	117.1	122.9	128.5	133.9	139.8	145.8	151.2	156.1	160.3	163.8	166.6
150°	105.7	109.4	113.0	116.5	120.9	124.9	128.6	132.0	134.9	137.4	139.3
152.5°	97.0	99.0	101.0	103.4	106.2	108.7	111.0	113.1	114.9	116.4	117.5
155°	89.2	90.7	92.1	93.7	95.1	96.5	97.7	98.8	99.7	100.5	101.0
157.5°	80.5	81.9	83.1	84.1	85.1	86.0	86.8	87.5	88.0	88.4	89.0
160°	70.5	71.2	72.1	72.9	73.7	74.4	75.0	75.5	75.8	76.0	76.4
162.5°	61.5	61.9	62.2	62.4	62.4	62.4	62.3	62.0	61.7	61.2	60.8
165°	52.8	53.1	53.3	53.4	53.3	53.2	52.9	52.5	52.0	51.4	50.8
167.5°	44.8	45.1	45.3	45.4	45.4	45.3	45.1	44.9	44.5	44.1	43.8
170°	36.1	36.5	36.9	37.1	37.3	37.4	37.4	37.4	37.2	37.3	36.9
172.5°	27.8	28.0	28.2	28.3	28.3	28.3	28.3	28.2	28.1	28.1	27.8
175°	19.5	19.8	20.1	20.4	20.6	20.8	20.9	21.0	21.4	21.2	21.0
177.5°	8.7	8.8	8.9	8.9	9.0	9.0	9.3	9.2	9.1	9.0	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: P231883

CATALOG NUMBER: FVS4WM-2-LD4-50-1HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	0.0	0.0
2.5°	8.8	8.7
5°	20.9	20.7
7.5°	27.5	27.2
10°	36.4	36.0
12.5°	43.1	42.5
15°	49.9	49.0
17.5°	59.9	58.9
20°	75.8	75.2
22.5°	88.6	88.3
25°	101.5	101.4
27.5°	118.5	118.8
30°	141.1	141.7
32.5°	169.1	170.0
35°	210.7	212.5
37.5°	247.7	249.6
40°	292.2	294.3
42.5°	340.4	342.2
45°	390.3	391.3
47.5°	455.8	456.7
50°	534.9	536.2
52.5°	631.7	632.2
55°	699.6	696.5
57.5°	761.8	758.6
60°	813.0	812.0
62.5°	849.6	849.1
65°	880.6	880.7
67.5°	908.3	906.8
70°	939.8	941.7
72.5°	960.7	961.3
75°	979.2	982.0
77.5°	994.7	996.2
80°	1006.7	1008.2
82.5°	1017.9	1022.4
85°	1024.7	1025.6
87.5°	1031.9	1026.7
90°	1025.6	1035.4
92.5°	1031.9	1026.7
95°	1024.7	1025.6
97.5°	1017.9	1022.4
100°	1006.7	1008.2
102.5°	994.7	996.2
105°	979.2	982.0
107.5°	960.7	961.3
110°	939.8	941.7



TEST NUMBER: P231883

CATALOG NUMBER: FVS4WM-2-LD4-50-1HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	908.3	906.8
115°	880.6	880.7
117.5°	849.6	849.1
120°	813.0	812.0
122.5°	761.8	758.6
125°	699.6	696.5
127.5°	631.7	632.2
130°	534.9	536.2
132.5°	455.8	456.7
135°	390.3	391.3
137.5°	340.4	342.2
140°	292.2	294.3
142.5°	247.7	249.6
145°	210.7	212.5
147.5°	169.1	170.0
150°	141.1	141.7
152.5°	118.5	118.8
155°	101.5	101.4
157.5°	88.6	88.3
160°	75.8	75.2
162.5°	59.9	58.9
165°	49.9	49.0
167.5°	43.1	42.5
170°	36.4	36.0
172.5°	27.5	27.2
175°	20.9	20.7
177.5°	8.8	8.7
180°	0.0	0.0

(END OF REPORT)