

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: P231874

Luminaire Tested: **FVS4WM-2-LD4-40-1LO-P125-UNV-EDC1**

Issue Date: 3/3/2020



Test Information

Test Method: LM-79-08
Report Number: P231874
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-LD4-40-1LO-P125-UNV-EDC1
Description: FAILSAFE FVS LED FIXTURE
2FT LENGTH, 1-MODULE LED WITH P125 LENS
Light Source: (42) 4000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

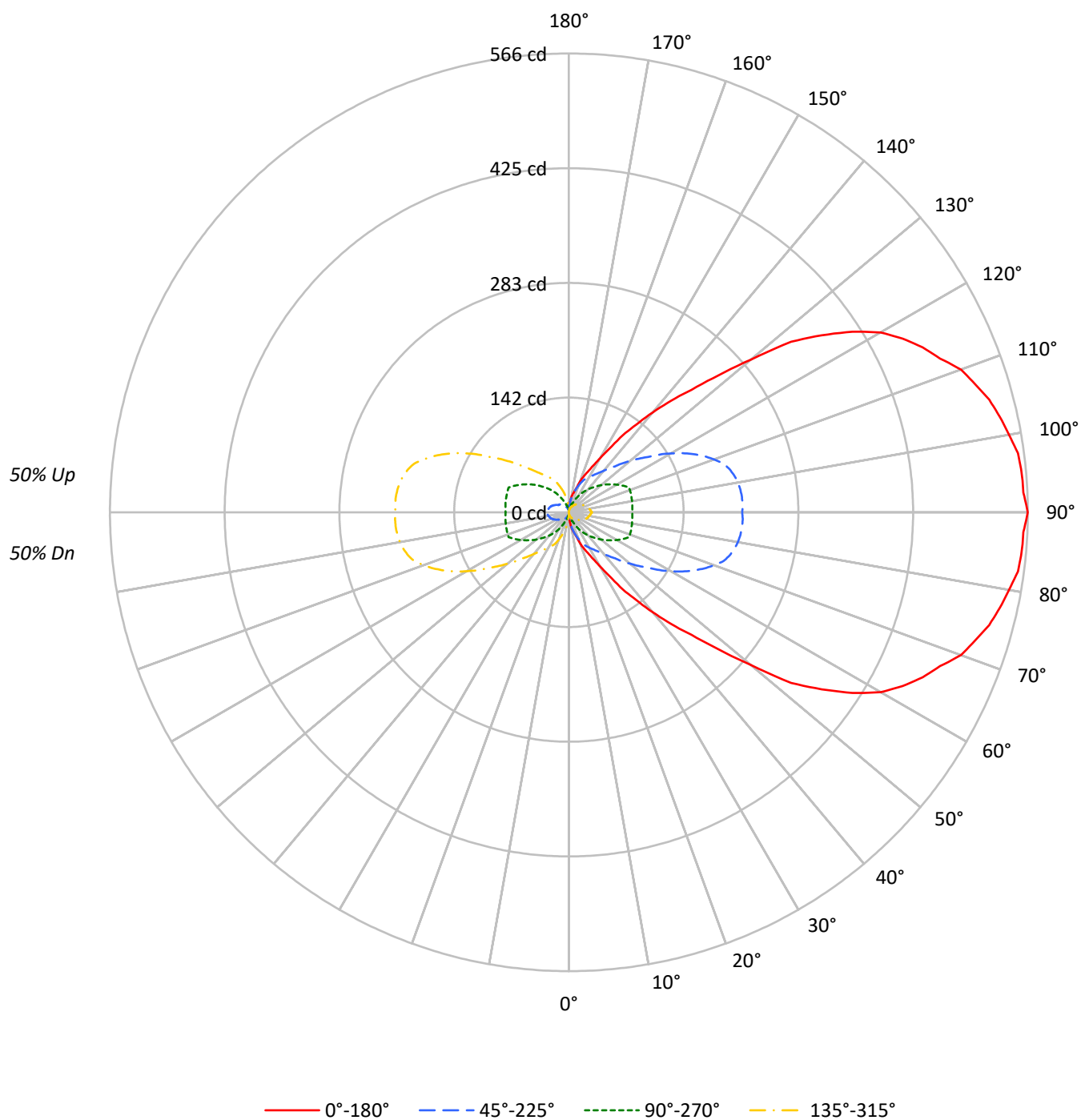
Lumens per Lamp: N/A
Luminaire Lumens: 1315.3 lumens
Efficiency: N/A
Efficacy: 106.9 lumens/watt
Spacing Criteria (0/90/45): - / - / -
Luminous Opening: Rectangular w/ Sides (W: 1.92' x L: 0.19' x H: 0.31')
CIE Type: General Diffuse

Input Watts (W): 12.3
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Luminous Intensity Polar Plot





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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
RCR																	
0	107	107	107	107	99	99	99	99	83	83	83	69	69	69	56	56	56
1	91	83	77	71	83	76	70	65	62	58	54	50	46	43	38	36	33
2	80	69	60	52	72	63	55	48	51	45	39	40	35	31	30	26	23
3	71	58	48	41	64	53	44	37	43	36	30	33	28	23	24	20	17
4	64	50	40	32	58	46	37	29	37	29	24	28	23	18	21	16	13
5	58	44	34	27	53	40	31	24	32	25	19	25	19	15	18	13	10
6	53	39	29	22	48	35	26	20	28	21	16	22	16	12	16	11	8
7	49	35	25	19	44	31	23	17	25	18	13	20	14	10	14	10	7
8	45	31	22	16	41	28	20	15	23	16	12	18	12	9	13	9	6
9	42	28	20	14	38	26	18	13	21	14	10	16	11	7	12	8	5
10	39	26	18	12	35	23	16	11	19	13	9	15	10	6	11	7	4

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	0	0	0	0
5°	297	83	0	83
10°	463	166	0	166
15°	574	247	0	247
20°	815	334	0	334
25°	1030	491	0	491
30°	1364	727	0	727
35°	1961	988	0	988
40°	2621	1276	0	1276
45°	3396	1606	0	1606
50°	4573	2037	0	2037
55°	5880	2550	0	2550
60°	6840	3190	0	3190
65°	7457	4012	0	4012
70°	8077	4844	0	4844
75°	8602	5727	0	5727
80°	9093	7089	0	7089
85°	9607	9421	0	9421



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	0.6	0.0
10°-20°	4.1	0.3
20°-30°	11.5	0.9
30°-40°	25.6	1.9
40°-50°	50.2	3.8
50°-60°	90.2	6.9
60°-70°	133.1	10.1
70°-80°	163.4	12.4
80°-90°	179.0	13.6
90°-100°	179.0	13.6
100°-110°	163.4	12.4
110°-120°	133.1	10.1
120°-130°	90.2	6.9
130°-140°	50.2	3.8
140°-150°	25.6	1.9
150°-160°	11.5	0.9
160°-170°	4.1	0.3
170°-180°	0.6	0.0
0°-30°	16.2	1.2
0°-40°	41.9	3.2
0°-60°	182.2	13.9
0°-90°	657.7	50.0
90°-120°	475.4	36.1
90°-150°	641.4	48.8
90°-180°	658.0	50.0
0°-180°	1315.3	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	0	0	0	0	0	
5°	11	3	0	3	11	1
15°	27	8	0	8	27	8
25°	55	16	0	16	55	27
35°	116	30	0	30	116	74
45°	214	44	0	44	214	171
55°	381	60	0	60	381	340
65°	481	76	0	76	481	477
75°	537	80	0	80	537	566
85°	560	78	0	78	560	456
90°	566	78	0	78	566	309
95°	560	78	0	78	560	456
105°	537	80	0	80	537	566
115°	481	76	0	76	481	477
125°	381	60	0	60	381	340
135°	214	44	0	44	214	171
145°	116	30	0	30	116	74
155°	55	16	0	16	55	27
165°	27	8	0	8	27	8
175°	11	3	0	3	11	1
180°	0	0	0	0	0	



TEST NUMBER: P231874

CATALOG NUMBER: FVS4WM-2-LD4-40-1LO-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°	4.8	4.9	4.9	5.0	5.0	5.1	5.1	5.0	4.9	4.9	4.9
5°	11.3	11.4	11.5	11.6	11.7	11.5	11.4	11.3	11.3	11.1	11.0
7.5°	14.9	15.1	15.2	15.4	15.4	15.5	15.5	15.5	15.5	15.5	15.4
10°	19.7	19.9	20.2	20.4	20.4	20.4	20.5	20.5	20.4	20.3	20.2
12.5°	23.2	23.6	23.9	24.1	24.3	24.5	24.6	24.7	24.8	24.8	24.7
15°	26.8	27.3	27.8	28.1	28.4	28.7	28.9	29.1	29.1	29.2	29.1
17.5°	32.2	32.7	33.2	33.4	33.7	33.9	34.1	34.1	34.1	34.1	34.0
20°	41.1	41.4	41.8	41.5	41.4	41.3	41.0	40.7	40.3	39.9	39.4
22.5°	48.2	48.4	48.6	48.2	48.1	47.8	47.4	47.0	46.5	46.0	45.4
25°	55.4	55.4	55.2	54.9	54.5	54.0	53.4	52.7	52.0	51.2	50.3
27.5°	64.9	64.8	64.2	63.6	62.8	61.8	60.7	59.4	58.0	56.5	55.2
30°	77.4	77.1	76.1	75.0	73.7	72.1	70.3	68.3	66.0	63.6	61.7
32.5°	92.9	92.4	91.1	89.5	87.6	85.3	82.7	79.7	76.4	73.2	70.2
35°	116.2	115.2	112.9	110.3	107.1	103.4	99.2	94.6	89.6	85.3	81.0
37.5°	136.4	135.4	133.0	130.3	127.0	122.9	118.3	113.0	107.1	101.0	94.7
40°	160.8	159.6	156.7	153.4	149.2	144.2	138.4	131.9	125.1	118.1	110.5
42.5°	187.0	186.0	182.9	179.3	174.5	168.6	161.6	153.5	145.5	136.9	127.6
45°	213.8	213.3	210.3	206.7	201.8	195.5	187.8	179.9	169.2	158.3	147.1
47.5°	249.6	249.1	245.2	240.4	234.0	226.0	216.4	206.1	195.2	183.0	171.4
50°	293.1	292.4	287.2	281.0	272.7	262.4	250.3	237.7	224.3	210.0	196.7
52.5°	345.5	345.2	338.9	331.0	320.1	306.1	289.2	273.9	256.6	239.1	222.9
55°	380.6	382.3	379.1	374.2	366.2	354.9	339.5	317.6	291.9	269.8	249.3
57.5°	414.6	416.4	413.5	409.5	403.4	395.2	382.6	359.1	334.8	304.3	276.4
60°	443.8	444.4	440.9	437.0	431.9	425.9	412.7	392.3	367.1	338.1	307.8
62.5°	464.0	464.3	462.7	459.3	453.9	446.7	434.9	418.6	395.0	367.3	335.6
65°	481.3	481.2	479.7	476.9	473.1	467.4	456.4	441.6	420.2	392.8	360.3
67.5°	495.6	496.4	495.4	492.5	487.7	483.1	476.5	464.3	445.3	417.9	384.3
70°	514.6	513.6	510.9	507.4	503.6	498.0	491.9	482.7	468.2	442.1	406.3
72.5°	525.4	525.0	523.1	519.4	516.3	510.7	504.3	497.2	483.5	459.3	424.8
75°	536.7	535.1	532.4	529.6	526.0	521.2	514.9	506.5	495.9	473.8	439.9
77.5°	544.4	543.6	540.8	537.4	533.5	529.0	522.8	514.5	504.1	486.5	454.4
80°	551.0	550.2	548.0	545.2	540.2	535.0	529.1	521.0	511.9	496.9	465.3
82.5°	558.7	556.2	553.2	549.3	545.4	539.9	534.2	525.7	516.2	502.5	474.9
85°	560.5	560.0	557.9	553.4	549.0	543.0	537.3	528.8	518.9	506.9	481.6
87.5°	561.1	564.0	560.4	554.7	550.8	543.9	539.0	530.0	520.6	510.0	485.1
90°	565.9	560.5	558.7	555.2	549.8	543.8	539.7	529.5	521.2	511.1	484.9
92.5°	561.1	564.0	560.4	554.7	550.8	543.9	539.0	530.0	520.6	510.0	485.1
95°	560.5	560.0	557.9	553.4	549.0	543.0	537.3	528.8	518.9	506.9	481.6
97.5°	558.7	556.2	553.2	549.3	545.4	539.9	534.2	525.7	516.2	502.5	474.9
100°	551.0	550.2	548.0	545.2	540.2	535.0	529.1	521.0	511.9	496.9	465.3
102.5°	544.4	543.6	540.8	537.4	533.5	529.0	522.8	514.5	504.1	486.5	454.4
105°	536.7	535.1	532.4	529.6	526.0	521.2	514.9	506.5	495.9	473.8	439.9
107.5°	525.4	525.0	523.1	519.4	516.3	510.7	504.3	497.2	483.5	459.3	424.8
110°	514.6	513.6	510.9	507.4	503.6	498.0	491.9	482.7	468.2	442.1	406.3



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CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
112.5°	495.6	496.4	495.4	492.5	487.7	483.1	476.5	464.3	445.3	417.9	384.3
115°	481.3	481.2	479.7	476.9	473.1	467.4	456.4	441.6	420.2	392.8	360.3
117.5°	464.0	464.3	462.7	459.3	453.9	446.7	434.9	418.6	395.0	367.3	335.6
120°	443.8	444.4	440.9	437.0	431.9	425.9	412.7	392.3	367.1	338.1	307.8
122.5°	414.6	416.4	413.5	409.5	403.4	395.2	382.6	359.1	334.8	304.3	276.4
125°	380.6	382.3	379.1	374.2	366.2	354.9	339.5	317.6	291.9	269.8	249.3
127.5°	345.5	345.2	338.9	331.0	320.1	306.1	289.2	273.9	256.6	239.1	222.9
130°	293.1	292.4	287.2	281.0	272.7	262.4	250.3	237.7	224.3	210.0	196.7
132.5°	249.6	249.1	245.2	240.4	234.0	226.0	216.4	206.1	195.2	183.0	171.4
135°	213.8	213.3	210.3	206.7	201.8	195.5	187.8	179.9	169.2	158.3	147.1
137.5°	187.0	186.0	182.9	179.3	174.5	168.6	161.6	153.5	145.5	136.9	127.6
140°	160.8	159.6	156.7	153.4	149.2	144.2	138.4	131.9	125.1	118.1	110.5
142.5°	136.4	135.4	133.0	130.3	127.0	122.9	118.3	113.0	107.1	101.0	94.7
145°	116.2	115.2	112.9	110.3	107.1	103.4	99.2	94.6	89.6	85.3	81.0
147.5°	92.9	92.4	91.1	89.5	87.6	85.3	82.7	79.7	76.4	73.2	70.2
150°	77.4	77.1	76.1	75.0	73.7	72.1	70.3	68.3	66.0	63.6	61.7
152.5°	64.9	64.8	64.2	63.6	62.8	61.8	60.7	59.4	58.0	56.5	55.2
155°	55.4	55.4	55.2	54.9	54.5	54.0	53.4	52.7	52.0	51.2	50.3
157.5°	48.2	48.4	48.6	48.2	48.1	47.8	47.4	47.0	46.5	46.0	45.4
160°	41.1	41.4	41.8	41.5	41.4	41.3	41.0	40.7	40.3	39.9	39.4
162.5°	32.2	32.7	33.2	33.4	33.7	33.9	34.1	34.1	34.1	34.1	34.0
165°	26.8	27.3	27.8	28.1	28.4	28.7	28.9	29.1	29.1	29.2	29.1
167.5°	23.2	23.6	23.9	24.1	24.3	24.5	24.6	24.7	24.8	24.8	24.7
170°	19.7	19.9	20.2	20.4	20.4	20.4	20.5	20.5	20.4	20.3	20.2
172.5°	14.9	15.1	15.2	15.4	15.4	15.5	15.5	15.5	15.5	15.5	15.4
175°	11.3	11.4	11.5	11.6	11.7	11.5	11.4	11.3	11.3	11.1	11.0
177.5°	4.8	4.9	4.9	5.0	5.0	5.1	5.1	5.0	4.9	4.9	4.9
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°	4.8	4.8	4.7	4.7	4.6	4.5	4.4	4.3	4.2	4.1	4.0
5°	10.8	10.7	10.5	10.2	10.0	9.7	9.4	9.1	8.8	8.5	8.1
7.5°	15.3	15.2	15.1	14.9	14.7	14.5	14.3	14.0	13.7	13.3	12.8
10°	20.0	19.8	19.5	19.2	18.8	18.4	18.1	17.7	17.3	16.9	16.5
12.5°	24.6	24.5	24.3	24.1	23.7	23.3	22.7	22.1	21.5	20.8	20.1
15°	29.0	28.8	28.6	28.3	28.0	27.6	27.1	26.6	26.0	25.2	24.3
17.5°	33.8	33.6	33.4	33.0	32.6	32.1	31.4	30.8	30.1	29.3	28.5
20°	38.9	38.5	38.2	37.8	37.4	36.9	36.3	35.4	34.5	33.5	32.5
22.5°	44.7	44.0	43.3	42.6	41.9	41.3	40.7	40.1	39.4	38.2	36.9
25°	49.5	48.7	47.9	47.1	46.2	45.5	44.8	44.1	43.4	42.6	41.9
27.5°	54.1	53.0	51.9	50.9	49.9	49.0	48.2	47.4	46.8	46.3	45.4
30°	59.8	57.8	55.9	54.5	53.2	52.0	51.1	50.2	49.6	49.4	49.2
32.5°	67.2	64.0	61.3	59.0	56.6	55.0	54.2	53.5	53.1	52.5	52.3
35°	76.5	72.0	68.3	64.6	61.8	60.0	58.1	57.4	56.5	55.9	55.3
37.5°	88.1	82.5	77.0	72.9	69.4	66.1	63.7	61.6	60.2	59.2	58.4
40°	102.6	95.4	89.2	83.8	78.6	73.9	70.1	66.8	64.6	62.8	61.7
42.5°	119.0	111.4	103.7	96.6	89.9	83.5	77.5	73.3	69.4	67.0	65.1
45°	138.3	128.8	119.8	110.7	102.3	94.1	87.1	80.2	75.5	71.4	68.9
47.5°	159.6	147.7	136.9	126.0	115.9	106.2	97.1	89.3	82.0	76.9	73.0
50°	182.6	168.9	155.0	142.5	130.5	118.9	108.3	98.5	90.2	82.9	77.4
52.5°	206.6	190.7	174.8	159.7	145.5	132.3	119.8	108.6	98.8	89.8	84.7
55°	230.6	212.8	195.1	177.4	161.2	146.0	131.5	119.1	109.5	101.4	95.1
57.5°	254.3	233.6	214.9	195.8	177.0	160.1	145.5	132.6	121.4	112.5	105.5
60°	277.8	254.0	232.5	213.5	193.8	175.9	159.8	145.3	133.4	123.5	115.6
62.5°	303.7	273.2	249.5	228.8	210.0	190.5	173.5	158.1	144.7	133.6	125.2
65°	326.3	294.6	265.6	242.8	223.2	204.3	186.1	169.7	155.3	143.6	134.7
67.5°	348.6	314.4	282.9	256.1	234.2	215.8	197.5	180.8	165.8	153.2	143.4
70°	369.4	332.9	298.5	268.0	244.4	225.0	207.4	190.7	175.2	161.9	151.3
72.5°	386.7	348.9	312.0	279.3	253.2	232.4	215.4	200.0	183.6	170.1	159.2
75°	400.5	361.8	324.2	287.7	260.0	238.6	221.3	205.3	189.7	176.3	165.9
77.5°	411.0	371.3	333.6	296.8	266.7	243.0	224.6	209.0	194.2	181.4	171.8
80°	422.3	381.4	343.8	306.1	272.4	246.3	226.8	211.7	197.6	185.5	177.0
82.5°	433.3	390.1	351.7	313.3	276.7	248.4	227.9	213.4	200.0	188.6	181.6
85°	440.0	395.7	357.2	318.1	279.6	249.4	228.0	214.2	201.7	191.1	185.7
87.5°	442.7	399.7	361.5	321.8	281.9	249.8	227.6	214.6	202.8	193.2	189.5
90°	441.4	397.9	360.4	320.5	280.6	247.8	225.8	213.8	203.1	194.8	193.0
92.5°	442.7	399.7	361.5	321.8	281.9	249.8	227.6	214.6	202.8	193.2	189.5
95°	440.0	395.7	357.2	318.1	279.6	249.4	228.0	214.2	201.7	191.1	185.7
97.5°	433.3	390.1	351.7	313.3	276.7	248.4	227.9	213.4	200.0	188.6	181.6
100°	422.3	381.4	343.8	306.1	272.4	246.3	226.8	211.7	197.6	185.5	177.0
102.5°	411.0	371.3	333.6	296.8	266.7	243.0	224.6	209.0	194.2	181.4	171.8
105°	400.5	361.8	324.2	287.7	260.0	238.6	221.3	205.3	189.7	176.3	165.9
107.5°	386.7	348.9	312.0	279.3	253.2	232.4	215.4	200.0	183.6	170.1	159.2
110°	369.4	332.9	298.5	268.0	244.4	225.0	207.4	190.7	175.2	161.9	151.3



TEST NUMBER: P231874

CATALOG NUMBER: FVS4WM-2-LD4-40-1LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
112.5°	348.6	314.4	282.9	256.1	234.2	215.8	197.5	180.8	165.8	153.2	143.4
115°	326.3	294.6	265.6	242.8	223.2	204.3	186.1	169.7	155.3	143.6	134.7
117.5°	303.7	273.2	249.5	228.8	210.0	190.5	173.5	158.1	144.7	133.6	125.2
120°	277.8	254.0	232.5	213.5	193.8	175.9	159.8	145.3	133.4	123.5	115.6
122.5°	254.3	233.6	214.9	195.8	177.0	160.1	145.5	132.6	121.4	112.5	105.5
125°	230.6	212.8	195.1	177.4	161.2	146.0	131.5	119.1	109.5	101.4	95.1
127.5°	206.6	190.7	174.8	159.7	145.5	132.3	119.8	108.6	98.8	89.8	84.7
130°	182.6	168.9	155.0	142.5	130.5	118.9	108.3	98.5	90.2	82.9	77.4
132.5°	159.6	147.7	136.9	126.0	115.9	106.2	97.1	89.3	82.0	76.9	73.0
135°	138.3	128.8	119.8	110.7	102.3	94.1	87.1	80.2	75.5	71.4	68.9
137.5°	119.0	111.4	103.7	96.6	89.9	83.5	77.5	73.3	69.4	67.0	65.1
140°	102.6	95.4	89.2	83.8	78.6	73.9	70.1	66.8	64.6	62.8	61.7
142.5°	88.1	82.5	77.0	72.9	69.4	66.1	63.7	61.6	60.2	59.2	58.4
145°	76.5	72.0	68.3	64.6	61.8	60.0	58.1	57.4	56.5	55.9	55.3
147.5°	67.2	64.0	61.3	59.0	56.6	55.0	54.2	53.5	53.1	52.5	52.3
150°	59.8	57.8	55.9	54.5	53.2	52.0	51.1	50.2	49.6	49.4	49.2
152.5°	54.1	53.0	51.9	50.9	49.9	49.0	48.2	47.4	46.8	46.3	45.4
155°	49.5	48.7	47.9	47.1	46.2	45.5	44.8	44.1	43.4	42.6	41.9
157.5°	44.7	44.0	43.3	42.6	41.9	41.3	40.7	40.1	39.4	38.2	36.9
160°	38.9	38.5	38.2	37.8	37.4	36.9	36.3	35.4	34.5	33.5	32.5
162.5°	33.8	33.6	33.4	33.0	32.6	32.1	31.4	30.8	30.1	29.3	28.5
165°	29.0	28.8	28.6	28.3	28.0	27.6	27.1	26.6	26.0	25.2	24.3
167.5°	24.6	24.5	24.3	24.1	23.7	23.3	22.7	22.1	21.5	20.8	20.1
170°	20.0	19.8	19.5	19.2	18.8	18.4	18.1	17.7	17.3	16.9	16.5
172.5°	15.3	15.2	15.1	14.9	14.7	14.5	14.3	14.0	13.7	13.3	12.8
175°	10.8	10.7	10.5	10.2	10.0	9.7	9.4	9.1	8.8	8.5	8.1
177.5°	4.8	4.8	4.7	4.7	4.6	4.5	4.4	4.3	4.2	4.1	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: P231874

CATALOG NUMBER: FVS4WM-2-LD4-40-1LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	3.8	3.7	3.5	3.4	3.2	3.1	2.9	2.7	2.6	2.4	2.2
5°	7.8	7.4	7.0	6.7	6.4	6.0	5.7	5.4	5.0	4.7	4.3
7.5°	12.2	11.6	11.0	10.4	9.8	9.1	8.5	8.0	7.4	6.9	6.4
10°	16.0	15.5	15.0	14.1	13.3	12.5	11.6	10.7	9.8	9.1	8.4
12.5°	19.4	18.8	18.1	17.3	16.5	15.6	14.6	13.5	12.4	11.3	10.4
15°	23.4	22.4	21.5	20.4	19.5	18.5	17.4	16.2	15.0	13.7	12.4
17.5°	27.7	26.4	25.1	23.8	22.5	21.3	20.0	18.7	17.3	15.9	14.5
20°	31.5	30.3	29.1	27.5	25.9	24.3	22.8	21.2	19.6	18.1	16.5
22.5°	35.5	34.2	32.8	31.3	29.5	27.6	25.6	23.8	22.0	20.1	18.4
25°	40.1	38.3	36.5	34.8	33.3	31.5	29.6	27.6	25.8	23.8	22.1
27.5°	44.6	43.2	41.5	39.7	38.0	36.3	34.3	32.2	30.1	28.0	26.0
30°	48.6	47.8	46.4	44.6	42.7	40.8	38.8	36.6	34.5	32.1	29.9
32.5°	52.1	51.5	50.6	49.2	47.3	45.3	43.2	40.9	38.6	36.2	33.7
35°	54.9	54.8	54.2	53.3	51.6	49.7	47.5	45.3	42.7	40.2	37.6
37.5°	57.8	57.5	57.5	56.7	55.9	53.8	51.7	49.2	46.7	44.2	41.5
40°	60.8	60.1	60.0	60.0	59.1	57.6	55.7	53.3	50.7	48.1	45.3
42.5°	63.9	63.0	62.4	62.6	62.2	61.3	59.5	57.2	54.5	51.9	49.1
45°	67.1	65.8	65.1	65.0	65.2	64.4	63.0	61.1	58.3	55.6	52.8
47.5°	70.4	68.9	67.8	67.1	67.6	67.8	68.0	67.5	65.7	63.6	61.0
50°	74.2	72.3	72.2	73.0	74.5	76.2	76.8	76.7	75.5	73.4	70.3
52.5°	81.4	80.3	80.0	80.5	82.0	84.2	85.3	85.7	85.2	83.3	79.7
55°	90.6	88.6	87.8	87.8	89.4	91.8	93.5	94.5	94.7	93.1	89.1
57.5°	100.2	96.7	95.6	95.2	96.8	99.3	101.6	103.0	104.0	102.7	98.7
60°	109.6	105.1	103.5	102.9	103.9	106.6	109.6	111.4	112.8	112.2	108.2
62.5°	119.1	114.2	111.4	110.6	110.9	113.9	117.3	119.6	121.6	121.6	117.9
65°	128.1	123.0	119.2	118.1	117.7	121.1	124.9	127.8	130.2	130.9	127.6
67.5°	136.5	131.6	126.9	125.8	125.2	128.3	132.4	135.8	138.7	140.2	137.3
70°	144.4	139.9	135.2	133.2	132.2	134.2	137.8	140.9	143.2	143.6	139.3
72.5°	151.7	146.4	141.4	138.3	137.3	138.6	141.6	144.3	146.3	145.8	140.3
75°	158.0	152.1	147.0	143.5	142.2	143.1	145.5	147.7	149.6	148.1	141.4
77.5°	164.2	157.7	152.5	148.6	147.1	147.9	149.6	151.2	153.1	150.7	142.4
80°	170.0	163.2	157.7	153.7	151.8	152.8	153.8	154.7	156.7	153.3	143.5
82.5°	175.7	168.7	162.7	158.8	156.5	157.8	158.2	158.3	160.4	156.0	145.1
85°	181.1	174.0	167.5	163.9	161.1	163.0	162.6	161.8	164.3	158.9	145.8
87.5°	186.4	179.2	172.3	169.0	165.7	168.1	167.1	165.5	167.9	161.4	146.4
90°	191.2	184.1	176.9	173.9	170.4	173.3	171.5	169.2	171.5	163.8	147.1
92.5°	186.4	179.2	172.3	169.0	165.7	168.1	167.1	165.5	167.9	161.4	146.4
95°	181.1	174.0	167.5	163.9	161.1	163.0	162.6	161.8	164.3	158.9	145.8
97.5°	175.7	168.7	162.7	158.8	156.5	157.8	158.2	158.3	160.4	156.0	145.1
100°	170.0	163.2	157.7	153.7	151.8	152.8	153.8	154.7	156.7	153.3	143.5
102.5°	164.2	157.7	152.5	148.6	147.1	147.9	149.6	151.2	153.1	150.7	142.4
105°	158.0	152.1	147.0	143.5	142.2	143.1	145.5	147.7	149.6	148.1	141.4
107.5°	151.7	146.4	141.4	138.3	137.3	138.6	141.6	144.3	146.3	145.8	140.3
110°	144.4	139.9	135.2	133.2	132.2	134.2	137.8	140.9	143.2	143.6	139.3



TEST NUMBER: P231874

CATALOG NUMBER: FVS4WM-2-LD4-40-1LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	136.5	131.6	126.9	125.8	125.2	128.3	132.4	135.8	138.7	140.2	137.3
115°	128.1	123.0	119.2	118.1	117.7	121.1	124.9	127.8	130.2	130.9	127.6
117.5°	119.1	114.2	111.4	110.6	110.9	113.9	117.3	119.6	121.6	121.6	117.9
120°	109.6	105.1	103.5	102.9	103.9	106.6	109.6	111.4	112.8	112.2	108.2
122.5°	100.2	96.7	95.6	95.2	96.8	99.3	101.6	103.0	104.0	102.7	98.7
125°	90.6	88.6	87.8	87.8	89.4	91.8	93.5	94.5	94.7	93.1	89.1
127.5°	81.4	80.3	80.0	80.5	82.0	84.2	85.3	85.7	85.2	83.3	79.7
130°	74.2	72.3	72.2	73.0	74.5	76.2	76.8	76.7	75.5	73.4	70.3
132.5°	70.4	68.9	67.8	67.1	67.6	67.8	68.0	67.5	65.7	63.6	61.0
135°	67.1	65.8	65.1	65.0	65.2	64.4	63.0	61.1	58.3	55.6	52.8
137.5°	63.9	63.0	62.4	62.6	62.2	61.3	59.5	57.2	54.5	51.9	49.1
140°	60.8	60.1	60.0	60.0	59.1	57.6	55.7	53.3	50.7	48.1	45.3
142.5°	57.8	57.5	57.5	56.7	55.9	53.8	51.7	49.2	46.7	44.2	41.5
145°	54.9	54.8	54.2	53.3	51.6	49.7	47.5	45.3	42.7	40.2	37.6
147.5°	52.1	51.5	50.6	49.2	47.3	45.3	43.2	40.9	38.6	36.2	33.7
150°	48.6	47.8	46.4	44.6	42.7	40.8	38.8	36.6	34.5	32.1	29.9
152.5°	44.6	43.2	41.5	39.7	38.0	36.3	34.3	32.2	30.1	28.0	26.0
155°	40.1	38.3	36.5	34.8	33.3	31.5	29.6	27.6	25.8	23.8	22.1
157.5°	35.5	34.2	32.8	31.3	29.5	27.6	25.6	23.8	22.0	20.1	18.4
160°	31.5	30.3	29.1	27.5	25.9	24.3	22.8	21.2	19.6	18.1	16.5
162.5°	27.7	26.4	25.1	23.8	22.5	21.3	20.0	18.7	17.3	15.9	14.5
165°	23.4	22.4	21.5	20.4	19.5	18.5	17.4	16.2	15.0	13.7	12.4
167.5°	19.4	18.8	18.1	17.3	16.5	15.6	14.6	13.5	12.4	11.3	10.4
170°	16.0	15.5	15.0	14.1	13.3	12.5	11.6	10.7	9.8	9.1	8.4
172.5°	12.2	11.6	11.0	10.4	9.8	9.1	8.5	8.0	7.4	6.9	6.4
175°	7.8	7.4	7.0	6.7	6.4	6.0	5.7	5.4	5.0	4.7	4.3
177.5°	3.8	3.7	3.5	3.4	3.2	3.1	2.9	2.7	2.6	2.4	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: P231874

CATALOG NUMBER: FVS4WM-2-LD4-40-1LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	2.0	1.8	1.6	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.3
5°	3.9	3.6	3.2	2.8	2.8	2.7	2.7	2.6	2.6	2.6	2.5
7.5°	5.9	5.3	4.7	4.2	4.1	4.0	4.0	3.9	3.8	3.7	3.6
10°	7.7	7.0	6.3	5.6	5.5	5.4	5.2	5.1	5.0	4.9	4.7
12.5°	9.6	8.7	7.8	6.9	6.8	6.6	6.5	6.3	6.1	6.0	5.8
15°	11.4	10.4	9.4	8.3	8.1	7.9	7.7	7.4	7.3	7.1	6.9
17.5°	13.1	12.0	10.9	9.7	9.4	9.1	8.8	8.6	8.4	8.2	7.9
20°	14.9	13.6	12.4	11.1	10.7	10.3	10.0	9.7	9.5	9.2	8.9
22.5°	16.7	15.2	13.9	12.5	12.0	11.5	11.1	10.8	10.5	10.2	9.9
25°	20.4	18.8	17.4	16.0	15.6	15.0	14.6	14.2	13.7	13.2	12.5
27.5°	24.2	22.5	21.0	19.5	19.1	18.7	18.3	18.0	17.5	16.9	16.2
30°	28.0	26.1	24.6	23.0	22.7	22.3	22.1	21.8	21.3	20.7	19.7
32.5°	31.7	29.8	28.2	26.5	26.3	26.0	25.9	25.7	25.1	24.3	23.1
35°	35.3	33.4	31.7	30.1	29.9	29.8	29.8	29.5	29.0	27.7	26.2
37.5°	38.9	37.0	35.2	33.6	33.5	33.5	33.7	33.4	32.9	31.0	29.1
40°	42.5	40.5	38.8	37.1	37.2	37.3	37.6	37.3	36.3	34.2	31.9
42.5°	46.0	44.1	42.3	40.6	40.8	41.2	41.6	41.3	39.7	37.3	34.4
45°	49.7	47.6	45.8	44.1	44.5	45.0	45.5	45.2	43.0	40.0	36.8
47.5°	57.1	53.9	51.0	48.1	47.5	47.3	47.2	46.7	44.1	41.1	38.1
50°	65.3	60.6	56.4	52.2	50.5	49.4	48.5	47.4	44.4	41.4	38.3
52.5°	73.7	67.5	61.8	56.2	53.3	51.4	49.8	47.8	44.6	41.7	38.6
55°	82.2	74.5	67.4	60.2	56.1	53.3	50.9	48.3	45.0	42.1	39.0
57.5°	91.0	81.6	72.9	64.3	58.9	55.0	52.0	48.8	45.4	42.6	39.5
60°	99.9	88.8	78.6	68.3	61.6	56.7	52.9	49.3	45.9	43.1	40.2
62.5°	109.0	96.2	84.3	72.3	64.2	58.4	53.9	49.8	46.5	43.8	41.2
65°	118.1	103.6	90.0	76.4	66.8	59.9	54.7	50.3	47.1	44.4	42.3
67.5°	127.4	111.0	95.8	80.4	69.4	61.4	55.5	50.8	47.8	45.2	43.6
70°	128.3	111.2	95.6	80.1	68.9	60.9	55.0	50.5	47.7	45.2	44.1
72.5°	128.5	111.1	95.4	79.9	68.4	60.4	54.4	50.1	47.3	44.9	44.0
75°	128.6	110.9	95.7	79.6	67.9	60.0	53.9	49.8	47.0	44.6	44.0
77.5°	128.6	110.6	95.2	79.3	67.5	59.5	53.3	49.5	46.7	44.4	43.9
80°	128.4	110.8	94.8	79.1	67.0	59.1	52.8	49.3	46.3	44.3	43.8
82.5°	128.7	110.2	94.3	78.8	66.6	58.7	52.4	49.1	46.0	44.2	43.7
85°	128.1	109.6	93.8	78.5	66.2	58.4	51.9	49.0	45.8	44.1	43.7
87.5°	127.5	109.0	93.4	78.3	65.8	58.1	51.6	48.9	45.5	44.1	43.6
90°	126.9	108.4	92.9	78.0	65.5	57.8	51.2	48.8	45.3	44.1	43.5
92.5°	127.5	109.0	93.4	78.3	65.8	58.1	51.6	48.9	45.5	44.1	43.6
95°	128.1	109.6	93.8	78.5	66.2	58.4	51.9	49.0	45.8	44.1	43.7
97.5°	128.7	110.2	94.3	78.8	66.6	58.7	52.4	49.1	46.0	44.2	43.7
100°	128.4	110.8	94.8	79.1	67.0	59.1	52.8	49.3	46.3	44.3	43.8
102.5°	128.6	110.6	95.2	79.3	67.5	59.5	53.3	49.5	46.7	44.4	43.9
105°	128.6	110.9	95.7	79.6	67.9	60.0	53.9	49.8	47.0	44.6	44.0
107.5°	128.5	111.1	95.4	79.9	68.4	60.4	54.4	50.1	47.3	44.9	44.0
110°	128.3	111.2	95.6	80.1	68.9	60.9	55.0	50.5	47.7	45.2	44.1



TEST NUMBER: P231874

CATALOG NUMBER: FVS4WM-2-LD4-40-1LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
112.5°	127.4	111.0	95.8	80.4	69.4	61.4	55.5	50.8	47.8	45.2	43.6
115°	118.1	103.6	90.0	76.4	66.8	59.9	54.7	50.3	47.1	44.4	42.3
117.5°	109.0	96.2	84.3	72.3	64.2	58.4	53.9	49.8	46.5	43.8	41.2
120°	99.9	88.8	78.6	68.3	61.6	56.7	52.9	49.3	45.9	43.1	40.2
122.5°	91.0	81.6	72.9	64.3	58.9	55.0	52.0	48.8	45.4	42.6	39.5
125°	82.2	74.5	67.3	60.2	56.1	53.3	50.9	48.3	45.0	42.1	39.0
127.5°	73.7	67.5	61.8	56.2	53.3	51.4	49.8	47.8	44.6	41.7	38.6
130°	65.3	60.6	56.4	52.2	50.5	49.4	48.5	47.4	44.4	41.4	38.3
132.5°	57.1	53.9	51.0	48.1	47.5	47.3	47.2	46.7	44.1	41.1	38.1
135°	49.7	47.6	45.8	44.1	44.5	45.0	45.5	45.2	43.0	40.0	36.8
137.5°	46.0	44.1	42.3	40.6	40.8	41.2	41.6	41.3	39.7	37.3	34.4
140°	42.5	40.5	38.8	37.1	37.2	37.3	37.6	37.3	36.3	34.2	31.9
142.5°	38.9	37.0	35.2	33.6	33.5	33.5	33.7	33.4	32.9	31.0	29.1
145°	35.3	33.4	31.7	30.1	29.9	29.8	29.8	29.5	29.0	27.7	26.2
147.5°	31.7	29.8	28.2	26.5	26.3	26.0	25.9	25.7	25.1	24.3	23.1
150°	28.0	26.1	24.6	23.0	22.7	22.3	22.1	21.8	21.3	20.7	19.7
152.5°	24.2	22.5	21.0	19.5	19.1	18.7	18.3	18.0	17.5	16.9	16.2
155°	20.4	18.8	17.4	16.0	15.6	15.0	14.6	14.2	13.7	13.2	12.5
157.5°	16.7	15.2	13.9	12.5	12.0	11.5	11.1	10.8	10.5	10.2	9.9
160°	14.9	13.6	12.4	11.1	10.7	10.3	10.0	9.7	9.5	9.2	8.9
162.5°	13.1	12.0	10.9	9.7	9.4	9.1	8.8	8.6	8.4	8.2	7.9
165°	11.4	10.4	9.4	8.3	8.1	7.9	7.7	7.4	7.3	7.1	6.9
167.5°	9.6	8.7	7.8	6.9	6.8	6.6	6.5	6.3	6.1	6.0	5.8
170°	7.7	7.0	6.3	5.6	5.5	5.4	5.2	5.1	5.0	4.9	4.7
172.5°	5.9	5.3	4.7	4.2	4.1	4.0	4.0	3.9	3.8	3.7	3.6
175°	3.9	3.6	3.2	2.8	2.8	2.7	2.7	2.6	2.6	2.6	2.5
177.5°	2.0	1.8	1.6	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.3
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: P231874

CATALOG NUMBER: FVS4WM-2-LD4-40-1LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	1.3	1.2	1.2	1.2	1.1	1.1	1.1	1.0	1.0	1.0	0.9
5°	2.4	2.4	2.3	2.2	2.2	2.1	2.0	2.0	1.9	1.8	1.7
7.5°	3.5	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.6	2.5
10°	4.6	4.5	4.4	4.3	4.1	4.0	3.8	3.7	3.5	3.4	3.2
12.5°	5.7	5.5	5.4	5.2	5.0	4.8	4.7	4.5	4.3	4.2	4.0
15°	6.7	6.5	6.3	6.1	5.9	5.7	5.6	5.4	5.2	5.0	4.8
17.5°	7.7	7.4	7.2	7.0	6.9	6.7	6.5	6.3	6.1	5.9	5.6
20°	8.6	8.3	8.2	8.0	7.9	7.7	7.5	7.2	7.0	6.6	6.2
22.5°	9.5	9.4	9.2	9.1	8.9	8.6	8.4	8.0	7.6	7.2	6.9
25°	11.9	11.3	10.7	10.1	9.9	9.5	9.0	8.6	8.3	8.0	7.7
27.5°	15.4	14.6	13.8	13.0	12.0	11.0	10.1	9.5	9.2	8.7	8.2
30°	18.7	17.7	16.6	15.4	14.2	13.1	12.3	11.4	10.4	9.4	8.8
32.5°	21.8	20.4	19.0	17.5	16.2	15.1	14.0	12.8	11.7	10.9	10.1
35°	24.6	22.9	21.1	19.5	18.1	16.7	15.2	14.0	13.0	12.1	11.0
37.5°	27.1	25.1	23.0	21.3	19.6	17.9	16.4	15.3	14.1	12.9	11.9
40°	29.5	27.0	24.8	22.9	20.8	19.0	17.6	16.3	14.9	13.7	12.8
42.5°	31.6	28.9	26.5	24.2	21.9	20.2	18.6	17.0	15.7	14.6	13.5
45°	33.6	30.6	27.9	25.3	23.0	21.2	19.4	17.8	16.5	15.3	14.1
47.5°	35.0	32.1	29.2	26.2	24.1	22.0	20.0	18.6	17.1	15.8	14.7
50°	35.2	32.6	30.1	27.6	25.4	22.8	20.9	19.2	17.6	16.4	15.2
52.5°	35.8	33.5	31.3	29.5	27.4	25.1	22.7	20.4	18.2	16.9	15.3
55°	36.6	34.7	33.1	31.8	29.8	27.4	25.0	22.4	20.2	17.9	15.5
57.5°	37.6	36.3	35.3	34.3	32.4	29.8	27.2	24.6	22.1	19.4	16.8
60°	38.7	38.2	37.9	36.9	34.9	32.1	29.4	26.6	23.7	20.8	18.1
62.5°	40.2	40.4	40.7	39.7	37.4	34.5	31.5	28.5	25.2	22.2	19.4
65°	42.0	42.9	43.7	42.6	39.9	36.8	33.6	30.2	26.7	23.5	20.6
67.5°	44.1	45.6	46.5	45.5	42.4	39.2	35.7	31.8	28.2	24.9	21.7
70°	45.2	47.3	48.7	48.0	44.9	41.5	37.7	33.4	29.7	26.2	22.7
72.5°	45.2	47.2	48.4	47.6	45.3	42.5	38.8	34.8	31.2	27.4	23.6
75°	45.1	47.0	48.1	47.5	45.7	43.0	39.3	35.3	31.5	27.8	24.4
77.5°	45.0	46.7	47.9	47.6	46.2	43.7	39.9	35.9	32.0	28.1	24.9
80°	44.8	46.4	47.7	48.0	46.9	44.6	40.6	36.6	32.5	28.5	25.4
82.5°	44.5	46.0	47.6	48.4	47.7	45.7	41.4	37.4	33.1	29.1	26.0
85°	44.2	45.6	47.4	48.9	48.6	46.8	42.4	38.3	33.8	29.7	26.8
87.5°	43.9	45.2	47.3	49.5	49.6	48.1	43.5	39.3	34.7	30.6	27.6
90°	43.5	44.7	47.1	50.0	50.6	49.4	44.7	40.5	35.7	31.6	28.6
92.5°	43.9	45.2	47.3	49.5	49.6	48.1	43.5	39.3	34.7	30.6	27.6
95°	44.2	45.6	47.4	48.9	48.6	46.8	42.4	38.3	33.8	29.7	26.8
97.5°	44.5	46.0	47.6	48.4	47.7	45.7	41.4	37.4	33.1	29.1	26.0
100°	44.8	46.4	47.7	48.0	46.9	44.6	40.6	36.6	32.5	28.5	25.4
102.5°	45.0	46.7	47.9	47.6	46.2	43.7	39.9	35.9	32.0	28.1	24.9
105°	45.1	47.0	48.1	47.5	45.7	43.0	39.3	35.3	31.5	27.8	24.4
107.5°	45.2	47.2	48.4	47.6	45.3	42.5	38.8	34.8	31.2	27.4	23.6
110°	45.2	47.3	48.7	48.0	44.9	41.5	37.7	33.4	29.7	26.2	22.7



TEST NUMBER: P231874

CATALOG NUMBER: FVS4WM-2-LD4-40-1LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	44.1	45.6	46.5	45.5	42.4	39.2	35.7	31.8	28.2	24.9	21.7
115°	42.0	42.9	43.7	42.6	39.9	36.8	33.6	30.2	26.7	23.5	20.6
117.5°	40.2	40.4	40.7	39.7	37.4	34.5	31.5	28.5	25.2	22.2	19.4
120°	38.7	38.2	37.9	36.9	34.9	32.1	29.4	26.6	23.7	20.8	18.1
122.5°	37.6	36.3	35.3	34.3	32.4	29.8	27.2	24.6	22.1	19.4	16.8
125°	36.6	34.7	33.1	31.8	29.8	27.4	25.0	22.4	20.2	17.9	15.5
127.5°	35.8	33.5	31.3	29.5	27.4	25.1	22.7	20.4	18.2	16.9	15.3
130°	35.2	32.6	30.1	27.6	25.4	22.8	20.9	19.2	17.6	16.4	15.2
132.5°	35.0	32.1	29.2	26.2	24.1	22.0	20.0	18.6	17.1	15.8	14.7
135°	33.6	30.6	27.9	25.3	23.0	21.2	19.4	17.8	16.5	15.3	14.1
137.5°	31.6	28.9	26.5	24.2	21.9	20.2	18.6	17.0	15.7	14.6	13.5
140°	29.5	27.0	24.8	22.9	20.8	19.0	17.6	16.3	14.9	13.7	12.8
142.5°	27.1	25.1	23.0	21.3	19.6	17.9	16.4	15.3	14.1	12.9	11.9
145°	24.6	22.9	21.1	19.5	18.1	16.7	15.2	14.0	13.0	12.1	11.0
147.5°	21.8	20.4	19.0	17.5	16.2	15.1	14.0	12.8	11.7	10.9	10.1
150°	18.7	17.6	16.6	15.4	14.2	13.1	12.3	11.4	10.4	9.4	8.8
152.5°	15.4	14.6	13.8	13.0	12.0	11.0	10.1	9.5	9.2	8.7	8.2
155°	11.9	11.3	10.7	10.1	9.9	9.5	9.0	8.6	8.3	8.0	7.7
157.5°	9.5	9.4	9.2	9.1	8.9	8.6	8.4	8.0	7.6	7.2	6.9
160°	8.6	8.3	8.2	8.0	7.9	7.7	7.5	7.2	7.0	6.6	6.2
162.5°	7.7	7.4	7.2	7.0	6.9	6.7	6.5	6.3	6.1	5.9	5.6
165°	6.7	6.5	6.3	6.1	5.9	5.7	5.6	5.4	5.2	5.0	4.8
167.5°	5.7	5.5	5.4	5.2	5.0	4.8	4.7	4.5	4.3	4.2	4.0
170°	4.6	4.5	4.4	4.3	4.1	4.0	3.8	3.7	3.5	3.4	3.2
172.5°	3.5	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.6	2.5
175°	2.4	2.4	2.3	2.2	2.2	2.1	2.0	2.0	1.9	1.8	1.7
177.5°	1.3	1.2	1.2	1.2	1.1	1.1	1.1	1.0	1.0	1.0	0.9
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231874

CATALOG NUMBER: FVS4WM-2-LD4-40-1LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	0.9	0.8	0.8	0.7	0.7	0.6	0.6	0.5	0.5	0.4	0.4
5°	1.7	1.6	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.8	0.7
7.5°	2.4	2.3	2.1	2.0	1.9	1.7	1.6	1.5	1.3	1.2	1.0
10°	3.1	2.9	2.8	2.6	2.4	2.3	2.1	1.9	1.7	1.5	1.4
12.5°	3.8	3.6	3.5	3.3	3.0	2.8	2.6	2.4	2.2	1.9	1.7
15°	4.6	4.4	4.2	3.9	3.7	3.4	3.1	2.8	2.5	2.3	2.0
17.5°	5.4	5.0	4.7	4.4	4.1	3.8	3.5	3.2	2.9	2.6	2.3
20°	5.9	5.6	5.3	5.0	4.7	4.4	4.0	3.6	3.3	2.9	2.5
22.5°	6.6	6.3	5.9	5.5	5.1	4.7	4.3	3.9	3.6	3.2	2.8
25°	7.3	6.8	6.3	5.9	5.6	5.2	4.8	4.4	4.0	3.5	3.0
27.5°	7.7	7.3	7.0	6.6	6.1	5.6	5.1	4.6	4.2	3.7	3.3
30°	8.4	8.1	7.5	6.9	6.4	5.9	5.5	5.1	4.6	4.1	3.6
32.5°	9.2	8.4	7.8	7.4	7.0	6.5	6.0	5.6	5.1	4.5	4.0
35°	10.0	9.3	8.6	8.1	7.6	7.1	6.6	6.1	5.5	5.0	4.4
37.5°	11.0	10.3	9.5	8.9	8.3	7.7	7.2	6.6	6.0	5.4	4.8
40°	11.9	11.0	10.3	9.6	9.0	8.4	7.8	7.2	6.6	5.9	5.2
42.5°	12.5	11.7	11.0	10.2	9.5	8.9	8.4	7.8	6.9	6.1	5.3
45°	13.2	12.3	11.4	10.6	9.8	9.2	8.5	7.8	7.2	6.5	5.7
47.5°	13.7	12.6	11.6	10.7	9.9	9.1	8.5	8.1	7.6	6.7	5.8
50°	13.8	12.6	11.6	10.6	9.8	9.2	8.6	8.0	7.4	6.8	5.9
52.5°	13.9	12.5	11.5	10.6	9.8	9.1	8.3	7.7	7.2	6.8	6.3
55°	13.7	12.5	11.4	10.5	9.6	8.8	8.2	7.7	7.3	6.9	6.3
57.5°	14.5	12.6	11.3	10.3	9.4	8.7	8.2	7.7	7.2	6.6	6.0
60°	15.8	13.7	11.7	10.0	9.4	8.8	8.2	7.6	7.0	6.4	5.7
62.5°	16.9	14.6	12.6	11.0	9.6	8.7	8.1	7.5	6.8	6.2	5.5
65°	17.9	15.6	13.6	11.9	10.5	9.1	8.0	7.4	6.7	6.0	5.3
67.5°	18.8	16.6	14.3	12.7	11.1	9.6	8.4	7.4	6.6	6.0	5.2
70°	19.9	17.4	15.1	13.4	11.5	10.1	8.8	7.6	6.7	5.9	4.9
72.5°	21.0	18.1	16.0	13.9	12.0	10.4	9.0	7.7	6.8	5.7	4.5
75°	21.8	18.9	16.8	14.3	12.4	10.7	9.1	7.8	6.6	5.3	4.0
77.5°	22.0	19.3	17.1	14.7	12.8	10.9	9.1	7.9	6.3	4.8	3.7
80°	22.3	19.7	17.3	15.0	12.9	10.9	9.2	7.8	6.1	4.4	3.4
82.5°	22.8	20.1	17.7	15.3	13.1	11.0	9.2	7.6	5.8	4.2	2.9
85°	23.4	20.6	18.2	15.6	13.4	11.2	9.2	7.5	5.5	3.9	2.3
87.5°	24.1	21.3	18.9	16.1	13.8	11.5	9.3	7.5	5.3	3.7	1.9
90°	25.0	22.0	19.7	16.7	14.3	11.9	9.5	7.7	5.4	3.6	1.8
92.5°	24.1	21.3	18.9	16.1	13.8	11.5	9.3	7.5	5.3	3.7	1.9
95°	23.4	20.6	18.2	15.6	13.4	11.2	9.2	7.5	5.5	3.9	2.3
97.5°	22.8	20.1	17.7	15.3	13.1	11.0	9.2	7.6	5.8	4.2	2.9
100°	22.3	19.7	17.3	15.0	12.9	10.9	9.2	7.8	6.1	4.4	3.4
102.5°	22.0	19.3	17.1	14.7	12.8	10.9	9.1	7.9	6.3	4.8	3.7
105°	21.8	18.9	16.8	14.3	12.4	10.7	9.1	7.8	6.6	5.3	4.0
107.5°	21.0	18.1	16.0	13.9	12.0	10.4	9.0	7.7	6.8	5.7	4.5
110°	19.9	17.4	15.1	13.4	11.5	10.1	8.8	7.6	6.7	5.9	4.9



TEST NUMBER: P231874

CATALOG NUMBER: FVS4WM-2-LD4-40-1LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
112.5°	18.8	16.6	14.3	12.7	11.1	9.6	8.4	7.4	6.6	6.0	5.2
115°	17.9	15.6	13.6	11.9	10.5	9.1	8.0	7.4	6.7	6.0	5.3
117.5°	16.9	14.6	12.6	11.0	9.6	8.7	8.1	7.5	6.8	6.2	5.5
120°	15.8	13.7	11.7	10.0	9.4	8.8	8.2	7.6	7.0	6.4	5.7
122.5°	14.5	12.6	11.3	10.3	9.4	8.7	8.2	7.7	7.2	6.6	6.0
125°	13.7	12.5	11.4	10.5	9.6	8.8	8.2	7.7	7.3	6.9	6.3
127.5°	13.9	12.5	11.5	10.6	9.8	9.1	8.3	7.7	7.2	6.8	6.3
130°	13.8	12.6	11.6	10.6	9.8	9.2	8.6	8.0	7.4	6.8	5.9
132.5°	13.7	12.6	11.6	10.7	9.9	9.1	8.5	8.1	7.6	6.7	5.8
135°	13.2	12.3	11.4	10.6	9.8	9.2	8.5	7.8	7.2	6.5	5.7
137.5°	12.5	11.7	11.0	10.2	9.5	8.9	8.4	7.8	6.9	6.1	5.3
140°	11.9	11.0	10.3	9.6	9.0	8.4	7.8	7.2	6.6	5.9	5.2
142.5°	11.0	10.3	9.5	8.9	8.3	7.7	7.2	6.6	6.0	5.4	4.8
145°	10.0	9.3	8.6	8.1	7.6	7.1	6.6	6.1	5.5	5.0	4.4
147.5°	9.2	8.4	7.8	7.4	7.0	6.5	6.0	5.6	5.1	4.5	4.0
150°	8.4	8.1	7.5	6.9	6.4	5.9	5.5	5.1	4.6	4.1	3.6
152.5°	7.7	7.3	7.0	6.6	6.1	5.6	5.1	4.6	4.2	3.7	3.3
155°	7.3	6.8	6.3	5.9	5.6	5.2	4.8	4.4	4.0	3.5	3.0
157.5°	6.6	6.3	5.9	5.5	5.1	4.7	4.3	3.9	3.6	3.2	2.8
160°	5.9	5.6	5.3	5.0	4.7	4.4	4.0	3.6	3.3	2.9	2.5
162.5°	5.4	5.0	4.7	4.4	4.1	3.8	3.5	3.2	2.9	2.6	2.3
165°	4.6	4.4	4.2	3.9	3.7	3.4	3.1	2.8	2.5	2.3	2.0
167.5°	3.8	3.6	3.5	3.3	3.0	2.8	2.6	2.4	2.2	1.9	1.7
170°	3.1	2.9	2.8	2.6	2.4	2.3	2.1	1.9	1.7	1.5	1.4
172.5°	2.4	2.3	2.1	2.0	1.9	1.7	1.6	1.5	1.3	1.2	1.0
175°	1.7	1.6	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.8	0.7
177.5°	0.9	0.8	0.8	0.7	0.7	0.6	0.6	0.5	0.5	0.4	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: P231874

CATALOG NUMBER: FVS4WM-2-LD4-40-1LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	0.3	0.3	0.2	0.2	0.1	0.1	0.0	0.1	0.1	0.2	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
7.5°	0.9	0.7	0.6	0.4	0.3	0.1	0.0	0.1	0.3	0.4	0.6
10°	1.2	1.0	0.8	0.6	0.4	0.2	0.0	0.2	0.4	0.6	0.8
12.5°	1.5	1.2	1.0	0.7	0.5	0.2	0.0	0.2	0.5	0.7	1.0
15°	1.7	1.4	1.1	0.8	0.6	0.3	0.0	0.3	0.6	0.8	1.1
17.5°	2.0	1.6	1.3	1.0	0.7	0.3	0.0	0.3	0.7	1.0	1.3
20°	2.2	1.8	1.4	1.1	0.7	0.4	0.0	0.4	0.7	1.1	1.4
22.5°	2.4	2.0	1.6	1.2	0.8	0.4	0.0	0.4	0.8	1.2	1.6
25°	2.6	2.2	1.7	1.3	0.9	0.4	0.0	0.4	0.9	1.3	1.7
27.5°	2.8	2.4	1.9	1.4	1.0	0.5	0.0	0.5	1.0	1.4	1.9
30°	3.1	2.6	2.1	1.6	1.1	0.5	0.0	0.5	1.1	1.6	2.1
32.5°	3.5	2.9	2.3	1.8	1.2	0.6	0.0	0.6	1.2	1.8	2.3
35°	3.8	3.2	2.6	1.9	1.3	0.6	0.0	0.6	1.3	1.9	2.6
37.5°	4.1	3.5	2.8	2.1	1.4	0.7	0.0	0.7	1.4	2.1	2.8
40°	4.4	3.6	2.9	2.2	1.4	0.7	0.0	0.7	1.4	2.2	2.9
42.5°	4.6	3.8	3.1	2.3	1.6	0.8	0.0	0.8	1.6	2.3	3.1
45°	4.9	4.0	3.2	2.4	1.6	0.8	0.0	0.8	1.6	2.4	3.2
47.5°	4.9	4.1	3.2	2.4	1.6	0.8	0.0	0.8	1.6	2.4	3.2
50°	5.0	4.2	3.4	2.6	1.7	0.9	0.0	0.9	1.7	2.6	3.4
52.5°	5.5	4.5	3.6	2.6	1.7	0.9	0.0	0.9	1.7	2.6	3.6
55°	5.5	4.5	3.5	2.6	1.7	0.9	0.0	0.9	1.7	2.6	3.5
57.5°	5.4	4.4	3.5	2.6	1.7	0.8	0.0	0.8	1.7	2.6	3.5
60°	5.1	4.3	3.4	2.5	1.6	0.8	0.0	0.8	1.6	2.5	3.4
62.5°	4.9	4.2	3.3	2.4	1.6	0.8	0.0	0.8	1.6	2.4	3.3
65°	4.6	3.9	3.1	2.3	1.5	0.7	0.0	0.7	1.5	2.3	3.1
67.5°	4.4	3.6	2.9	2.1	1.3	0.6	0.0	0.6	1.3	2.1	2.9
70°	4.0	3.2	2.5	1.9	1.2	0.6	0.0	0.6	1.2	1.9	2.5
72.5°	3.5	2.8	2.2	1.6	0.9	0.4	0.0	0.4	0.9	1.6	2.2
75°	3.2	2.4	1.6	1.1	0.6	0.3	0.0	0.3	0.6	1.1	1.6
77.5°	2.8	1.8	1.2	0.7	0.2	0.0	0.0	0.0	0.2	0.7	1.2
80°	2.1	1.3	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
82.5°	1.5	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	1.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	1.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	1.5	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	2.1	1.3	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
102.5°	2.8	1.8	1.2	0.7	0.2	0.0	0.0	0.0	0.2	0.7	1.2
105°	3.2	2.4	1.6	1.1	0.6	0.3	0.0	0.3	0.6	1.1	1.6
107.5°	3.5	2.8	2.2	1.6	0.9	0.4	0.0	0.4	0.9	1.6	2.2
110°	4.0	3.2	2.5	1.9	1.2	0.6	0.0	0.6	1.2	1.9	2.5



TEST NUMBER: P231874

CATALOG NUMBER: FVS4WM-2-LD4-40-1LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	4.4	3.6	2.9	2.1	1.3	0.6	0.0	0.6	1.3	2.1	2.9
115°	4.6	3.9	3.1	2.3	1.5	0.7	0.0	0.7	1.5	2.3	3.1
117.5°	4.9	4.2	3.3	2.4	1.6	0.8	0.0	0.8	1.6	2.4	3.3
120°	5.1	4.3	3.4	2.5	1.6	0.8	0.0	0.8	1.6	2.5	3.4
122.5°	5.4	4.4	3.5	2.6	1.7	0.8	0.0	0.8	1.7	2.6	3.5
125°	5.5	4.5	3.5	2.6	1.7	0.9	0.0	0.9	1.7	2.6	3.5
127.5°	5.5	4.5	3.6	2.6	1.7	0.9	0.0	0.9	1.7	2.6	3.6
130°	5.0	4.2	3.4	2.6	1.7	0.9	0.0	0.9	1.7	2.6	3.4
132.5°	4.9	4.1	3.2	2.4	1.6	0.8	0.0	0.8	1.6	2.4	3.2
135°	4.9	4.0	3.2	2.4	1.6	0.8	0.0	0.8	1.6	2.4	3.2
137.5°	4.6	3.8	3.1	2.3	1.6	0.8	0.0	0.8	1.6	2.3	3.1
140°	4.4	3.6	2.9	2.2	1.4	0.7	0.0	0.7	1.4	2.2	2.9
142.5°	4.1	3.5	2.8	2.1	1.4	0.7	0.0	0.7	1.4	2.1	2.8
145°	3.8	3.2	2.6	1.9	1.3	0.6	0.0	0.6	1.3	1.9	2.6
147.5°	3.5	2.9	2.3	1.8	1.2	0.6	0.0	0.6	1.2	1.8	2.3
150°	3.1	2.6	2.1	1.6	1.1	0.5	0.0	0.5	1.1	1.6	2.1
152.5°	2.8	2.4	1.9	1.4	1.0	0.5	0.0	0.5	1.0	1.4	1.9
155°	2.6	2.2	1.7	1.3	0.9	0.4	0.0	0.4	0.9	1.3	1.7
157.5°	2.4	2.0	1.6	1.2	0.8	0.4	0.0	0.4	0.8	1.2	1.6
160°	2.2	1.8	1.4	1.1	0.7	0.4	0.0	0.4	0.7	1.1	1.4
162.5°	2.0	1.6	1.3	1.0	0.7	0.3	0.0	0.3	0.7	1.0	1.3
165°	1.7	1.4	1.1	0.8	0.6	0.3	0.0	0.3	0.6	0.8	1.1
167.5°	1.5	1.2	1.0	0.7	0.5	0.2	0.0	0.2	0.5	0.7	1.0
170°	1.2	1.0	0.8	0.6	0.4	0.2	0.0	0.2	0.4	0.6	0.8
172.5°	0.9	0.7	0.6	0.4	0.3	0.1	0.0	0.1	0.3	0.4	0.6
175°	0.6	0.5	0.4	0.3	0.2	0.1	0.0	0.1	0.2	0.3	0.4
177.5°	0.3	0.3	0.2	0.2	0.1	0.1	0.0	0.1	0.1	0.2	0.2
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: P231874

CATALOG NUMBER: FVS4WM-2-LD4-40-1LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	0.3	0.3	0.4	0.4	0.5	0.5	0.6	0.6	0.7	0.7	0.8
5°	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5
7.5°	0.7	0.9	1.0	1.2	1.3	1.5	1.6	1.7	1.9	2.0	2.1
10°	1.0	1.2	1.4	1.5	1.7	1.9	2.1	2.3	2.4	2.6	2.8
12.5°	1.2	1.5	1.7	1.9	2.2	2.4	2.6	2.8	3.0	3.3	3.5
15°	1.4	1.7	2.0	2.3	2.5	2.8	3.1	3.4	3.7	3.9	4.2
17.5°	1.6	2.0	2.3	2.6	2.9	3.2	3.5	3.8	4.1	4.4	4.7
20°	1.8	2.2	2.5	2.9	3.3	3.6	4.0	4.4	4.7	5.0	5.3
22.5°	2.0	2.4	2.8	3.2	3.6	3.9	4.3	4.7	5.1	5.5	5.9
25°	2.2	2.6	3.0	3.5	4.0	4.4	4.8	5.2	5.6	5.9	6.3
27.5°	2.4	2.8	3.3	3.7	4.2	4.6	5.1	5.6	6.1	6.6	7.0
30°	2.6	3.1	3.6	4.1	4.6	5.1	5.5	5.9	6.4	6.9	7.5
32.5°	2.9	3.5	4.0	4.5	5.1	5.6	6.0	6.5	7.0	7.4	7.8
35°	3.2	3.8	4.4	5.0	5.5	6.1	6.6	7.1	7.6	8.1	8.6
37.5°	3.5	4.1	4.8	5.4	6.0	6.6	7.2	7.7	8.3	8.9	9.5
40°	3.6	4.4	5.2	5.9	6.6	7.2	7.8	8.4	9.0	9.6	10.3
42.5°	3.8	4.6	5.3	6.1	6.9	7.8	8.4	8.9	9.5	10.2	11.0
45°	4.0	4.9	5.7	6.5	7.2	7.8	8.5	9.2	9.8	10.6	11.4
47.5°	4.1	4.9	5.8	6.7	7.6	8.1	8.5	9.1	9.9	10.7	11.6
50°	4.2	5.0	5.9	6.8	7.4	8.0	8.6	9.2	9.8	10.6	11.6
52.5°	4.5	5.5	6.3	6.8	7.2	7.7	8.3	9.1	9.8	10.6	11.5
55°	4.5	5.5	6.3	6.9	7.3	7.7	8.2	8.8	9.6	10.5	11.4
57.5°	4.4	5.4	6.0	6.6	7.2	7.7	8.2	8.7	9.4	10.3	11.3
60°	4.3	5.1	5.7	6.4	7.0	7.6	8.2	8.8	9.4	10.0	11.7
62.5°	4.2	4.9	5.5	6.2	6.8	7.5	8.1	8.7	9.6	11.0	12.6
65°	3.9	4.6	5.3	6.0	6.7	7.4	8.0	9.1	10.5	11.9	13.6
67.5°	3.6	4.4	5.2	6.0	6.6	7.4	8.4	9.6	11.1	12.7	14.3
70°	3.2	4.0	4.9	5.9	6.7	7.6	8.8	10.1	11.5	13.4	15.1
72.5°	2.8	3.5	4.5	5.7	6.8	7.7	9.0	10.4	12.0	13.9	16.0
75°	2.4	3.2	4.0	5.3	6.6	7.8	9.1	10.7	12.4	14.3	16.8
77.5°	1.8	2.8	3.7	4.8	6.3	7.9	9.1	10.9	12.8	14.7	17.1
80°	1.3	2.1	3.4	4.4	6.1	7.8	9.2	10.9	12.9	15.0	17.3
82.5°	0.7	1.5	2.9	4.2	5.8	7.6	9.2	11.0	13.1	15.3	17.7
85°	0.2	1.0	2.3	3.9	5.5	7.5	9.2	11.2	13.4	15.6	18.2
87.5°	0.1	0.7	1.9	3.7	5.3	7.5	9.3	11.5	13.8	16.1	18.9
90°	0.0	0.6	1.8	3.6	5.4	7.7	9.5	11.9	14.3	16.7	19.7
92.5°	0.1	0.7	1.9	3.7	5.3	7.5	9.3	11.5	13.8	16.1	18.9
95°	0.2	1.0	2.3	3.9	5.5	7.5	9.2	11.2	13.4	15.6	18.2
97.5°	0.7	1.5	2.9	4.2	5.8	7.6	9.2	11.0	13.1	15.3	17.7
100°	1.3	2.1	3.4	4.4	6.1	7.8	9.2	10.9	12.9	15.0	17.3
102.5°	1.8	2.8	3.7	4.8	6.3	7.9	9.1	10.9	12.8	14.7	17.1
105°	2.4	3.2	4.0	5.3	6.6	7.8	9.1	10.7	12.4	14.3	16.8
107.5°	2.8	3.5	4.5	5.7	6.8	7.7	9.0	10.4	12.0	13.9	16.0
110°	3.2	4.0	4.9	5.9	6.7	7.6	8.8	10.1	11.5	13.4	15.1



TEST NUMBER: P231874

CATALOG NUMBER: FVS4WM-2-LD4-40-1LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
112.5°	3.6	4.4	5.2	6.0	6.6	7.4	8.4	9.6	11.1	12.7	14.3
115°	3.9	4.6	5.3	6.0	6.7	7.4	8.0	9.1	10.5	11.9	13.6
117.5°	4.2	4.9	5.5	6.2	6.8	7.5	8.1	8.7	9.6	11.0	12.6
120°	4.3	5.1	5.7	6.4	7.0	7.6	8.2	8.8	9.4	10.0	11.7
122.5°	4.4	5.4	6.0	6.6	7.2	7.7	8.2	8.7	9.4	10.3	11.3
125°	4.5	5.5	6.3	6.9	7.3	7.7	8.2	8.8	9.6	10.5	11.4
127.5°	4.5	5.5	6.3	6.8	7.2	7.7	8.3	9.1	9.8	10.6	11.5
130°	4.2	5.0	5.9	6.8	7.4	8.0	8.6	9.2	9.8	10.6	11.6
132.5°	4.1	4.9	5.8	6.7	7.6	8.1	8.5	9.1	9.9	10.7	11.6
135°	4.0	4.9	5.7	6.5	7.2	7.8	8.5	9.2	9.8	10.6	11.4
137.5°	3.8	4.6	5.3	6.1	6.9	7.8	8.4	8.9	9.5	10.2	11.0
140°	3.6	4.4	5.2	5.9	6.6	7.2	7.8	8.4	9.0	9.6	10.3
142.5°	3.5	4.1	4.8	5.4	6.0	6.6	7.2	7.7	8.3	8.9	9.5
145°	3.2	3.8	4.4	5.0	5.5	6.1	6.6	7.1	7.6	8.1	8.6
147.5°	2.9	3.5	4.0	4.5	5.1	5.6	6.0	6.5	7.0	7.4	7.8
150°	2.6	3.1	3.6	4.1	4.6	5.1	5.5	5.9	6.4	6.9	7.5
152.5°	2.4	2.8	3.3	3.7	4.2	4.6	5.1	5.6	6.1	6.6	7.0
155°	2.2	2.6	3.0	3.5	4.0	4.4	4.8	5.2	5.6	5.9	6.3
157.5°	2.0	2.4	2.8	3.2	3.6	3.9	4.3	4.7	5.1	5.5	5.9
160°	1.8	2.2	2.5	2.9	3.3	3.6	4.0	4.4	4.7	5.0	5.3
162.5°	1.6	2.0	2.3	2.6	2.9	3.2	3.5	3.8	4.1	4.4	4.7
165°	1.4	1.7	2.0	2.3	2.5	2.8	3.1	3.4	3.7	3.9	4.2
167.5°	1.2	1.5	1.7	1.9	2.2	2.4	2.6	2.8	3.0	3.3	3.5
170°	1.0	1.2	1.4	1.5	1.7	1.9	2.1	2.3	2.4	2.6	2.8
172.5°	0.7	0.9	1.0	1.2	1.3	1.5	1.6	1.7	1.9	2.0	2.1
175°	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5
177.5°	0.3	0.3	0.4	0.4	0.5	0.5	0.6	0.6	0.7	0.7	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: P231874

CATALOG NUMBER: FVS4WM-2-LD4-40-1LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	0.8	0.9	0.9	1.0	1.0	1.0	1.1	1.1	1.1	1.2	1.2
5°	1.6	1.7	1.7	1.8	1.9	2.0	2.0	2.1	2.2	2.2	2.3
7.5°	2.3	2.4	2.5	2.6	2.8	2.9	3.0	3.1	3.2	3.3	3.4
10°	2.9	3.1	3.2	3.4	3.5	3.7	3.8	4.0	4.1	4.3	4.4
12.5°	3.6	3.8	4.0	4.2	4.3	4.5	4.7	4.8	5.0	5.2	5.4
15°	4.4	4.6	4.8	5.0	5.2	5.4	5.6	5.7	5.9	6.1	6.3
17.5°	5.0	5.4	5.6	5.9	6.1	6.3	6.5	6.7	6.9	7.0	7.2
20°	5.6	5.9	6.2	6.6	7.0	7.2	7.5	7.7	7.9	8.0	8.2
22.5°	6.3	6.6	6.9	7.2	7.6	8.0	8.4	8.6	8.9	9.1	9.2
25°	6.8	7.3	7.7	8.0	8.3	8.6	9.0	9.5	9.9	10.1	10.7
27.5°	7.3	7.7	8.2	8.7	9.2	9.5	10.1	11.0	12.0	13.0	13.8
30°	8.1	8.4	8.8	9.4	10.4	11.4	12.3	13.1	14.2	15.4	16.6
32.5°	8.4	9.2	10.1	10.9	11.7	12.8	14.0	15.1	16.2	17.5	19.0
35°	9.3	10.0	11.0	12.1	13.0	14.0	15.2	16.7	18.1	19.5	21.1
37.5°	10.3	11.0	11.9	12.9	14.1	15.3	16.4	17.9	19.6	21.3	23.0
40°	11.0	11.9	12.8	13.7	14.9	16.3	17.6	19.0	20.8	22.9	24.8
42.5°	11.7	12.5	13.5	14.6	15.7	17.0	18.6	20.2	21.9	24.2	26.5
45°	12.3	13.2	14.1	15.3	16.5	17.8	19.4	21.2	23.0	25.3	27.9
47.5°	12.6	13.7	14.7	15.8	17.1	18.6	20.0	22.0	24.1	26.2	29.2
50°	12.6	13.8	15.2	16.4	17.6	19.2	20.9	22.8	25.4	27.6	30.1
52.5°	12.5	13.9	15.3	16.9	18.2	20.4	22.7	25.1	27.4	29.5	31.3
55°	12.5	13.7	15.5	17.9	20.2	22.4	25.0	27.4	29.8	31.8	33.1
57.5°	12.6	14.5	16.8	19.4	22.1	24.6	27.2	29.8	32.4	34.3	35.3
60°	13.7	15.8	18.1	20.8	23.7	26.6	29.4	32.1	34.9	36.9	37.9
62.5°	14.6	16.9	19.4	22.2	25.2	28.5	31.5	34.5	37.4	39.7	40.7
65°	15.6	17.9	20.6	23.5	26.7	30.2	33.6	36.8	39.9	42.6	43.7
67.5°	16.6	18.8	21.7	24.9	28.2	31.8	35.7	39.2	42.4	45.5	46.5
70°	17.4	19.9	22.7	26.2	29.7	33.4	37.7	41.5	44.9	48.0	48.7
72.5°	18.1	21.0	23.6	27.4	31.2	34.8	38.8	42.5	45.3	47.6	48.4
75°	18.9	21.8	24.4	27.8	31.5	35.3	39.3	43.0	45.7	47.5	48.1
77.5°	19.3	22.0	24.9	28.1	32.0	35.9	39.9	43.7	46.2	47.6	47.9
80°	19.7	22.3	25.4	28.5	32.5	36.6	40.6	44.6	46.9	48.0	47.7
82.5°	20.1	22.8	26.0	29.1	33.1	37.4	41.4	45.7	47.7	48.4	47.6
85°	20.6	23.4	26.8	29.7	33.8	38.3	42.4	46.8	48.6	48.9	47.4
87.5°	21.3	24.1	27.6	30.6	34.7	39.3	43.5	48.1	49.6	49.5	47.3
90°	22.0	25.0	28.6	31.6	35.7	40.5	44.7	49.4	50.6	50.0	47.1
92.5°	21.3	24.1	27.6	30.6	34.7	39.3	43.5	48.1	49.6	49.5	47.3
95°	20.6	23.4	26.8	29.7	33.8	38.3	42.4	46.8	48.6	48.9	47.4
97.5°	20.1	22.8	26.0	29.1	33.1	37.4	41.4	45.7	47.7	48.4	47.6
100°	19.7	22.3	25.4	28.5	32.5	36.6	40.6	44.6	46.9	48.0	47.7
102.5°	19.3	22.0	24.9	28.1	32.0	35.9	39.9	43.7	46.2	47.6	47.9
105°	18.9	21.8	24.4	27.8	31.5	35.3	39.3	43.0	45.7	47.5	48.1
107.5°	18.1	21.0	23.6	27.4	31.2	34.8	38.8	42.5	45.3	47.6	48.4
110°	17.4	19.9	22.7	26.2	29.7	33.4	37.7	41.5	44.9	48.0	48.7



TEST NUMBER: P231874

CATALOG NUMBER: FVS4WM-2-LD4-40-1LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	16.6	18.8	21.7	24.9	28.2	31.8	35.7	39.2	42.4	45.5	46.5
115°	15.6	17.9	20.6	23.5	26.7	30.2	33.6	36.8	39.9	42.6	43.7
117.5°	14.6	16.9	19.4	22.2	25.2	28.5	31.5	34.5	37.4	39.7	40.7
120°	13.7	15.8	18.1	20.8	23.7	26.6	29.4	32.1	34.9	36.9	37.9
122.5°	12.6	14.5	16.8	19.4	22.1	24.6	27.2	29.8	32.4	34.3	35.3
125°	12.5	13.7	15.5	17.9	20.2	22.4	25.0	27.4	29.8	31.8	33.1
127.5°	12.5	13.9	15.3	16.9	18.2	20.4	22.7	25.1	27.4	29.5	31.3
130°	12.6	13.8	15.2	16.4	17.6	19.2	20.9	22.8	25.4	27.6	30.1
132.5°	12.6	13.7	14.7	15.8	17.1	18.6	20.0	22.0	24.1	26.2	29.2
135°	12.3	13.2	14.1	15.3	16.5	17.8	19.4	21.2	23.0	25.3	27.9
137.5°	11.7	12.5	13.5	14.6	15.7	17.0	18.6	20.2	21.9	24.2	26.5
140°	11.0	11.9	12.8	13.7	14.9	16.3	17.6	19.0	20.8	22.9	24.8
142.5°	10.3	11.0	11.9	12.9	14.1	15.3	16.4	17.9	19.6	21.3	23.0
145°	9.3	10.0	11.0	12.1	13.0	14.0	15.2	16.7	18.1	19.5	21.1
147.5°	8.4	9.2	10.1	10.9	11.7	12.8	14.0	15.1	16.2	17.5	19.0
150°	8.1	8.4	8.8	9.4	10.4	11.4	12.3	13.1	14.2	15.4	16.6
152.5°	7.3	7.7	8.2	8.7	9.2	9.5	10.1	11.0	12.0	13.0	13.8
155°	6.8	7.3	7.7	8.0	8.3	8.6	9.0	9.5	9.9	10.1	10.7
157.5°	6.3	6.6	6.9	7.2	7.6	8.0	8.4	8.6	8.9	9.1	9.2
160°	5.6	5.9	6.2	6.6	7.0	7.2	7.5	7.7	7.9	8.0	8.2
162.5°	5.0	5.4	5.6	5.9	6.1	6.3	6.5	6.7	6.9	7.0	7.2
165°	4.4	4.6	4.8	5.0	5.2	5.4	5.6	5.7	5.9	6.1	6.3
167.5°	3.6	3.8	4.0	4.2	4.3	4.5	4.7	4.8	5.0	5.2	5.4
170°	2.9	3.1	3.2	3.4	3.5	3.7	3.8	4.0	4.1	4.3	4.4
172.5°	2.3	2.4	2.5	2.6	2.8	2.9	3.0	3.1	3.2	3.3	3.4
175°	1.6	1.7	1.7	1.8	1.9	2.0	2.0	2.1	2.2	2.2	2.3
177.5°	0.8	0.9	0.9	1.0	1.0	1.0	1.1	1.1	1.1	1.2	1.2
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: P231874

CATALOG NUMBER: FVS4WM-2-LD4-40-1LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	1.2	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.6
5°	2.4	2.4	2.5	2.6	2.6	2.6	2.7	2.7	2.8	2.8	3.2
7.5°	3.5	3.5	3.6	3.7	3.8	3.9	4.0	4.0	4.1	4.2	4.7
10°	4.5	4.6	4.7	4.9	5.0	5.1	5.2	5.4	5.5	5.6	6.3
12.5°	5.5	5.7	5.8	6.0	6.1	6.3	6.5	6.6	6.8	6.9	7.8
15°	6.5	6.7	6.9	7.1	7.3	7.4	7.7	7.9	8.1	8.3	9.4
17.5°	7.4	7.7	7.9	8.2	8.4	8.6	8.8	9.1	9.4	9.7	10.9
20°	8.3	8.6	8.9	9.2	9.5	9.7	10.0	10.3	10.7	11.1	12.4
22.5°	9.4	9.5	9.9	10.2	10.5	10.8	11.1	11.5	12.0	12.5	13.9
25°	11.3	11.9	12.5	13.2	13.7	14.2	14.6	15.0	15.6	16.0	17.4
27.5°	14.6	15.4	16.2	16.9	17.5	18.0	18.3	18.7	19.1	19.5	21.0
30°	17.7	18.7	19.7	20.7	21.3	21.8	22.1	22.3	22.7	23.0	24.6
32.5°	20.4	21.8	23.1	24.3	25.1	25.7	25.9	26.0	26.3	26.5	28.2
35°	22.9	24.6	26.2	27.7	29.0	29.5	29.8	29.8	29.9	30.1	31.7
37.5°	25.1	27.1	29.1	31.0	32.9	33.4	33.7	33.5	33.5	33.6	35.2
40°	27.0	29.5	31.9	34.2	36.3	37.3	37.6	37.3	37.2	37.1	38.8
42.5°	28.9	31.6	34.4	37.3	39.7	41.3	41.6	41.2	40.8	40.6	42.3
45°	30.6	33.6	36.8	40.0	43.0	45.2	45.5	45.0	44.5	44.1	45.8
47.5°	32.1	35.0	38.1	41.1	44.1	46.7	47.2	47.3	47.5	48.1	51.0
50°	32.6	35.2	38.3	41.4	44.4	47.4	48.5	49.4	50.5	52.2	56.4
52.5°	33.5	35.8	38.6	41.7	44.6	47.8	49.8	51.4	53.3	56.2	61.8
55°	34.7	36.6	39.0	42.1	45.0	48.3	50.9	53.3	56.1	60.2	67.3
57.5°	36.3	37.6	39.5	42.6	45.4	48.8	52.0	55.0	58.9	64.3	72.9
60°	38.2	38.7	40.2	43.1	45.9	49.3	52.9	56.7	61.6	68.3	78.6
62.5°	40.4	40.2	41.2	43.8	46.5	49.8	53.9	58.4	64.2	72.3	84.3
65°	42.9	42.0	42.3	44.4	47.1	50.3	54.7	59.9	66.8	76.4	90.0
67.5°	45.6	44.1	43.6	45.2	47.8	50.8	55.5	61.4	69.4	80.4	95.8
70°	47.3	45.2	44.1	45.2	47.7	50.5	55.0	60.9	68.9	80.1	95.6
72.5°	47.2	45.2	44.0	44.9	47.3	50.1	54.4	60.4	68.4	79.9	95.4
75°	47.0	45.1	44.0	44.6	47.0	49.8	53.9	60.0	67.9	79.6	95.7
77.5°	46.7	45.0	43.9	44.4	46.7	49.5	53.3	59.5	67.5	79.3	95.2
80°	46.4	44.8	43.8	44.3	46.3	49.3	52.8	59.1	67.0	79.1	94.8
82.5°	46.0	44.5	43.7	44.2	46.0	49.1	52.4	58.7	66.6	78.8	94.3
85°	45.6	44.2	43.7	44.1	45.8	49.0	51.9	58.4	66.2	78.5	93.8
87.5°	45.2	43.9	43.6	44.1	45.5	48.9	51.6	58.1	65.8	78.3	93.4
90°	44.7	43.5	43.5	44.1	45.3	48.8	51.2	57.8	65.5	78.0	92.9
92.5°	45.2	43.9	43.6	44.1	45.5	48.9	51.6	58.1	65.8	78.3	93.4
95°	45.6	44.2	43.7	44.1	45.8	49.0	51.9	58.4	66.2	78.5	93.8
97.5°	46.0	44.5	43.7	44.2	46.0	49.1	52.4	58.7	66.6	78.8	94.3
100°	46.4	44.8	43.8	44.3	46.3	49.3	52.8	59.1	67.0	79.1	94.8
102.5°	46.7	45.0	43.9	44.4	46.7	49.5	53.3	59.5	67.5	79.3	95.2
105°	47.0	45.1	44.0	44.6	47.0	49.8	53.9	60.0	67.9	79.6	95.7
107.5°	47.2	45.2	44.0	44.9	47.3	50.1	54.4	60.4	68.4	79.9	95.4
110°	47.3	45.2	44.1	45.2	47.7	50.5	55.0	60.9	68.9	80.1	95.6



TEST NUMBER: P231874

CATALOG NUMBER: FVS4WM-2-LD4-40-1LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
112.5°	45.6	44.1	43.6	45.2	47.8	50.8	55.5	61.4	69.4	80.4	95.8
115°	42.9	42.0	42.3	44.4	47.1	50.3	54.7	59.9	66.8	76.4	90.0
117.5°	40.4	40.2	41.2	43.8	46.5	49.8	53.9	58.4	64.2	72.3	84.3
120°	38.2	38.7	40.2	43.1	45.9	49.3	52.9	56.7	61.6	68.3	78.6
122.5°	36.3	37.6	39.5	42.6	45.4	48.8	52.0	55.0	58.9	64.3	72.9
125°	34.7	36.6	39.0	42.1	45.0	48.3	50.9	53.3	56.1	60.2	67.3
127.5°	33.5	35.8	38.6	41.7	44.6	47.8	49.8	51.4	53.3	56.2	61.8
130°	32.6	35.2	38.3	41.4	44.4	47.4	48.5	49.4	50.5	52.2	56.4
132.5°	32.1	35.0	38.1	41.1	44.1	46.7	47.2	47.3	47.5	48.1	51.0
135°	30.6	33.6	36.8	40.0	43.0	45.2	45.5	45.0	44.5	44.1	45.8
137.5°	28.9	31.6	34.4	37.3	39.7	41.3	41.6	41.2	40.8	40.6	42.3
140°	27.0	29.5	31.9	34.2	36.3	37.3	37.6	37.3	37.2	37.1	38.8
142.5°	25.1	27.1	29.1	31.0	32.9	33.4	33.7	33.5	33.5	33.6	35.2
145°	22.9	24.6	26.2	27.7	29.0	29.5	29.8	29.8	29.9	30.1	31.7
147.5°	20.4	21.8	23.1	24.3	25.1	25.7	25.9	26.0	26.3	26.5	28.2
150°	17.7	18.7	19.7	20.7	21.3	21.8	22.1	22.3	22.7	23.0	24.6
152.5°	14.6	15.4	16.2	16.9	17.5	18.0	18.3	18.7	19.1	19.5	21.0
155°	11.3	11.9	12.5	13.2	13.7	14.2	14.6	15.0	15.6	16.0	17.4
157.5°	9.4	9.5	9.9	10.2	10.5	10.8	11.1	11.5	12.0	12.5	13.9
160°	8.3	8.6	8.9	9.2	9.5	9.7	10.0	10.3	10.7	11.1	12.4
162.5°	7.4	7.7	7.9	8.2	8.4	8.6	8.8	9.1	9.4	9.7	10.9
165°	6.5	6.7	6.9	7.1	7.3	7.4	7.7	7.9	8.1	8.3	9.4
167.5°	5.5	5.7	5.8	6.0	6.1	6.3	6.5	6.6	6.8	6.9	7.8
170°	4.5	4.6	4.7	4.9	5.0	5.1	5.2	5.4	5.5	5.6	6.3
172.5°	3.5	3.5	3.6	3.7	3.8	3.9	4.0	4.0	4.1	4.2	4.7
175°	2.4	2.4	2.5	2.6	2.6	2.6	2.7	2.7	2.8	2.8	3.2
177.5°	1.2	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.4	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: P231874

CATALOG NUMBER: FVS4WM-2-LD4-40-1LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	1.8	2.0	2.2	2.4	2.6	2.7	2.9	3.1	3.2	3.4	3.5
5°	3.6	3.9	4.3	4.7	5.0	5.4	5.7	6.0	6.4	6.7	7.0
7.5°	5.3	5.9	6.4	6.9	7.4	8.0	8.5	9.1	9.8	10.4	11.0
10°	7.0	7.7	8.4	9.1	9.8	10.7	11.6	12.5	13.3	14.1	15.0
12.5°	8.7	9.6	10.4	11.3	12.4	13.5	14.6	15.6	16.5	17.3	18.1
15°	10.4	11.4	12.4	13.7	15.0	16.2	17.4	18.5	19.5	20.4	21.5
17.5°	12.0	13.1	14.5	15.9	17.3	18.7	20.0	21.3	22.5	23.8	25.1
20°	13.6	14.9	16.5	18.1	19.6	21.2	22.8	24.3	25.9	27.5	29.1
22.5°	15.2	16.7	18.4	20.1	22.0	23.8	25.6	27.6	29.5	31.3	32.8
25°	18.8	20.4	22.1	23.8	25.8	27.6	29.6	31.5	33.3	34.8	36.5
27.5°	22.5	24.2	26.0	28.0	30.1	32.2	34.3	36.3	38.0	39.7	41.5
30°	26.1	28.0	29.9	32.1	34.5	36.6	38.8	40.8	42.7	44.6	46.4
32.5°	29.8	31.7	33.7	36.2	38.6	40.9	43.2	45.3	47.3	49.2	50.6
35°	33.4	35.3	37.6	40.2	42.7	45.3	47.5	49.7	51.6	53.3	54.2
37.5°	37.0	38.9	41.5	44.2	46.7	49.2	51.7	53.8	55.9	56.7	57.5
40°	40.5	42.5	45.3	48.1	50.7	53.3	55.7	57.6	59.1	60.0	60.0
42.5°	44.1	46.0	49.1	51.9	54.5	57.2	59.5	61.3	62.2	62.6	62.4
45°	47.6	49.7	52.8	55.6	58.3	61.1	63.0	64.4	65.2	65.0	65.1
47.5°	53.9	57.1	61.0	63.6	65.7	67.5	68.0	67.8	67.6	67.1	67.8
50°	60.6	65.3	70.3	73.4	75.5	76.7	76.8	76.2	74.5	73.0	72.2
52.5°	67.5	73.7	79.7	83.3	85.2	85.7	85.3	84.2	82.0	80.5	80.0
55°	74.5	82.2	89.1	93.1	94.7	94.5	93.5	91.8	89.4	87.8	87.8
57.5°	81.6	91.0	98.7	102.7	104.0	103.0	101.6	99.3	96.8	95.2	95.6
60°	88.8	99.9	108.2	112.2	112.8	111.4	109.6	106.6	103.9	102.9	103.5
62.5°	96.2	109.0	117.9	121.6	121.6	119.6	117.3	113.9	110.9	110.6	111.4
65°	103.6	118.1	127.6	130.9	130.2	127.8	124.9	121.1	117.7	118.1	119.2
67.5°	111.0	127.4	137.3	140.2	138.7	135.8	132.4	128.3	125.2	125.8	126.9
70°	111.2	128.3	139.3	143.6	143.2	140.9	137.8	134.2	132.2	133.2	135.2
72.5°	111.1	128.5	140.3	145.8	146.3	144.3	141.6	138.6	137.3	138.3	141.4
75°	110.9	128.6	141.4	148.1	149.6	147.7	145.5	143.1	142.2	143.5	147.0
77.5°	110.6	128.6	142.4	150.7	153.1	151.2	149.6	147.9	147.1	148.6	152.5
80°	110.8	128.4	143.5	153.3	156.7	154.7	153.8	152.8	151.8	153.7	157.7
82.5°	110.2	128.7	145.1	156.0	160.4	158.3	158.2	157.8	156.5	158.8	162.7
85°	109.6	128.1	145.8	158.9	164.3	161.8	162.6	163.0	161.1	163.9	167.5
87.5°	109.0	127.5	146.4	161.4	167.9	165.5	167.1	168.1	165.7	169.0	172.3
90°	108.4	126.9	147.1	163.8	171.5	169.2	171.5	173.3	170.4	173.9	176.9
92.5°	109.0	127.5	146.4	161.4	167.9	165.5	167.1	168.1	165.7	169.0	172.3
95°	109.6	128.1	145.8	158.9	164.3	161.8	162.6	163.0	161.1	163.9	167.5
97.5°	110.2	128.7	145.1	156.0	160.4	158.3	158.2	157.8	156.5	158.8	162.7
100°	110.8	128.4	143.5	153.3	156.7	154.7	153.8	152.8	151.8	153.7	157.7
102.5°	110.6	128.6	142.4	150.7	153.1	151.2	149.6	147.9	147.1	148.6	152.5
105°	110.9	128.6	141.4	148.1	149.6	147.7	145.5	143.1	142.2	143.5	147.0
107.5°	111.1	128.5	140.3	145.8	146.3	144.3	141.6	138.6	137.3	138.3	141.4
110°	111.2	128.3	139.3	143.6	143.2	140.9	137.8	134.2	132.2	133.2	135.2



TEST NUMBER: P231874

CATALOG NUMBER: FVS4WM-2-LD4-40-1LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	111.0	127.4	137.3	140.2	138.7	135.8	132.4	128.3	125.2	125.8	126.9
115°	103.6	118.1	127.6	130.9	130.2	127.8	124.9	121.1	117.7	118.1	119.2
117.5°	96.2	109.0	117.9	121.6	121.6	119.6	117.3	113.9	110.9	110.6	111.4
120°	88.8	99.9	108.2	112.2	112.8	111.4	109.6	106.6	103.9	102.9	103.5
122.5°	81.6	91.0	98.7	102.7	104.0	103.0	101.6	99.3	96.8	95.2	95.6
125°	74.5	82.2	89.1	93.1	94.7	94.5	93.5	91.8	89.4	87.8	87.8
127.5°	67.5	73.7	79.7	83.3	85.2	85.7	85.3	84.2	82.0	80.5	80.0
130°	60.6	65.3	70.3	73.4	75.5	76.7	76.8	76.2	74.5	73.0	72.2
132.5°	53.9	57.1	61.0	63.6	65.7	67.5	68.0	67.8	67.6	67.1	67.8
135°	47.6	49.7	52.8	55.6	58.3	61.1	63.0	64.4	65.2	65.0	65.1
137.5°	44.1	46.0	49.1	51.9	54.5	57.2	59.5	61.3	62.2	62.6	62.4
140°	40.5	42.5	45.3	48.1	50.7	53.3	55.7	57.6	59.1	60.0	60.0
142.5°	37.0	38.9	41.5	44.2	46.7	49.2	51.7	53.8	55.9	56.7	57.5
145°	33.4	35.3	37.6	40.2	42.7	45.3	47.5	49.7	51.6	53.3	54.2
147.5°	29.8	31.7	33.7	36.2	38.6	40.9	43.2	45.3	47.3	49.2	50.6
150°	26.1	28.0	29.9	32.1	34.5	36.6	38.8	40.8	42.7	44.6	46.4
152.5°	22.5	24.2	26.0	28.0	30.1	32.2	34.3	36.3	38.0	39.7	41.5
155°	18.8	20.4	22.1	23.8	25.8	27.6	29.6	31.5	33.3	34.8	36.5
157.5°	15.2	16.7	18.4	20.1	22.0	23.8	25.6	27.6	29.5	31.3	32.8
160°	13.6	14.9	16.5	18.1	19.6	21.2	22.8	24.3	25.9	27.5	29.1
162.5°	12.0	13.1	14.5	15.9	17.3	18.7	20.0	21.3	22.5	23.8	25.1
165°	10.4	11.4	12.4	13.7	15.0	16.2	17.4	18.5	19.5	20.4	21.5
167.5°	8.7	9.6	10.4	11.3	12.4	13.5	14.6	15.6	16.5	17.3	18.1
170°	7.0	7.7	8.4	9.1	9.8	10.7	11.6	12.5	13.3	14.1	15.0
172.5°	5.3	5.9	6.4	6.9	7.4	8.0	8.5	9.1	9.8	10.4	11.0
175°	3.6	3.9	4.3	4.7	5.0	5.4	5.7	6.0	6.4	6.7	7.0
177.5°	1.8	2.0	2.2	2.4	2.6	2.7	2.9	3.1	3.2	3.4	3.5
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: P231874

CATALOG NUMBER: FVS4WM-2-LD4-40-1LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	3.7	3.8	4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.7
5°	7.4	7.8	8.1	8.5	8.8	9.1	9.4	9.7	10.0	10.2	10.5
7.5°	11.6	12.2	12.8	13.3	13.7	14.0	14.3	14.5	14.7	14.9	15.1
10°	15.5	16.0	16.5	16.9	17.3	17.7	18.1	18.4	18.8	19.2	19.5
12.5°	18.8	19.4	20.1	20.8	21.5	22.1	22.7	23.3	23.7	24.1	24.3
15°	22.4	23.4	24.3	25.2	26.0	26.6	27.1	27.6	28.0	28.3	28.6
17.5°	26.4	27.7	28.5	29.3	30.1	30.8	31.4	32.1	32.6	33.0	33.4
20°	30.3	31.5	32.5	33.5	34.5	35.4	36.3	36.9	37.4	37.8	38.2
22.5°	34.2	35.5	36.9	38.2	39.4	40.1	40.7	41.3	41.9	42.6	43.3
25°	38.3	40.1	41.9	42.6	43.4	44.1	44.8	45.5	46.2	47.1	47.9
27.5°	43.2	44.6	45.4	46.3	46.8	47.4	48.2	49.0	49.9	50.9	51.9
30°	47.8	48.6	49.2	49.4	49.6	50.2	51.1	52.0	53.2	54.5	55.9
32.5°	51.5	52.1	52.3	52.5	53.1	53.5	54.2	55.0	56.6	59.0	61.3
35°	54.8	54.9	55.3	55.9	56.5	57.4	58.1	60.0	61.8	64.6	68.3
37.5°	57.5	57.8	58.4	59.2	60.2	61.6	63.7	66.1	69.4	72.9	77.0
40°	60.1	60.8	61.7	62.8	64.6	66.8	70.1	73.9	78.6	83.8	89.2
42.5°	63.0	63.9	65.1	67.0	69.4	73.3	77.5	83.5	89.9	96.6	103.7
45°	65.8	67.1	68.9	71.4	75.5	80.2	87.1	94.1	102.3	110.7	119.8
47.5°	68.9	70.4	73.0	76.9	82.0	89.3	97.1	106.2	115.9	126.0	136.9
50°	72.3	74.2	77.4	82.9	90.2	98.5	108.3	118.9	130.5	142.5	155.0
52.5°	80.3	81.4	84.7	89.8	98.8	108.6	119.8	132.3	145.5	159.7	174.8
55°	88.6	90.6	95.1	101.4	109.5	119.1	131.5	146.0	161.2	177.4	195.1
57.5°	96.7	100.2	105.5	112.5	121.4	132.6	145.5	160.1	177.0	195.8	214.9
60°	105.1	109.6	115.6	123.5	133.4	145.3	159.8	175.9	193.8	213.5	232.5
62.5°	114.2	119.1	125.2	133.6	144.7	158.1	173.5	190.5	210.0	228.8	249.5
65°	123.0	128.1	134.7	143.6	155.3	169.7	186.1	204.3	223.2	242.8	265.6
67.5°	131.6	136.5	143.4	153.2	165.8	180.8	197.5	215.8	234.2	256.1	282.9
70°	139.9	144.4	151.3	161.9	175.2	190.7	207.4	225.0	244.4	268.0	298.5
72.5°	146.4	151.7	159.2	170.1	183.6	200.0	215.4	232.4	253.2	279.3	312.0
75°	152.1	158.0	165.9	176.3	189.7	205.3	221.3	238.6	260.0	287.7	324.2
77.5°	157.7	164.2	171.8	181.4	194.2	209.0	224.6	243.0	266.7	296.8	333.6
80°	163.2	170.0	177.0	185.5	197.6	211.7	226.8	246.3	272.4	306.1	343.8
82.5°	168.7	175.7	181.6	188.6	200.0	213.4	227.9	248.4	276.7	313.3	351.7
85°	174.0	181.1	185.7	191.1	201.7	214.2	228.0	249.4	279.6	318.1	357.2
87.5°	179.2	186.4	189.5	193.2	202.8	214.6	227.6	249.8	281.9	321.8	361.5
90°	184.1	191.2	193.0	194.8	203.1	213.8	225.8	247.8	280.6	320.5	360.4
92.5°	179.2	186.4	189.5	193.2	202.8	214.6	227.6	249.8	281.9	321.8	361.5
95°	174.0	181.1	185.7	191.1	201.7	214.2	228.0	249.4	279.6	318.1	357.2
97.5°	168.7	175.7	181.6	188.6	200.0	213.4	227.9	248.4	276.7	313.3	351.7
100°	163.2	170.0	177.0	185.5	197.6	211.7	226.8	246.3	272.4	306.1	343.8
102.5°	157.7	164.2	171.8	181.4	194.2	209.0	224.6	243.0	266.7	296.8	333.6
105°	152.1	158.0	165.9	176.3	189.7	205.3	221.3	238.6	260.0	287.7	324.2
107.5°	146.4	151.7	159.2	170.1	183.6	200.0	215.4	232.4	253.2	279.3	312.0
110°	139.9	144.4	151.3	161.9	175.2	190.7	207.4	225.0	244.4	268.0	298.5



TEST NUMBER: P231874

CATALOG NUMBER: FVS4WM-2-LD4-40-1LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
112.5°	131.6	136.5	143.4	153.2	165.8	180.8	197.5	215.8	234.2	256.1	282.9
115°	123.0	128.1	134.7	143.6	155.3	169.7	186.1	204.3	223.2	242.8	265.6
117.5°	114.2	119.1	125.2	133.6	144.7	158.1	173.5	190.5	210.0	228.8	249.5
120°	105.1	109.6	115.6	123.5	133.4	145.3	159.8	175.9	193.8	213.5	232.5
122.5°	96.7	100.2	105.5	112.5	121.4	132.6	145.5	160.1	177.0	195.8	214.9
125°	88.6	90.6	95.1	101.4	109.5	119.1	131.5	146.0	161.2	177.4	195.1
127.5°	80.3	81.4	84.7	89.8	98.8	108.6	119.8	132.3	145.5	159.7	174.8
130°	72.3	74.2	77.4	82.9	90.2	98.5	108.3	118.9	130.5	142.5	155.0
132.5°	68.9	70.4	73.0	76.9	82.0	89.3	97.1	106.2	115.9	126.0	136.9
135°	65.8	67.1	68.9	71.4	75.5	80.2	87.1	94.1	102.3	110.7	119.8
137.5°	63.0	63.9	65.1	67.0	69.4	73.3	77.5	83.5	89.9	96.6	103.7
140°	60.1	60.8	61.7	62.8	64.6	66.8	70.1	73.9	78.6	83.8	89.2
142.5°	57.5	57.8	58.4	59.2	60.2	61.6	63.7	66.1	69.4	72.9	77.0
145°	54.8	54.9	55.3	55.9	56.5	57.4	58.1	60.0	61.8	64.6	68.3
147.5°	51.5	52.1	52.3	52.5	53.1	53.5	54.2	55.0	56.6	59.0	61.3
150°	47.8	48.6	49.2	49.4	49.6	50.2	51.1	52.0	53.2	54.5	55.9
152.5°	43.2	44.6	45.4	46.3	46.8	47.4	48.2	49.0	49.9	50.9	51.9
155°	38.3	40.1	41.9	42.6	43.4	44.1	44.8	45.5	46.2	47.1	47.9
157.5°	34.2	35.5	36.9	38.2	39.4	40.1	40.7	41.3	41.9	42.6	43.3
160°	30.3	31.5	32.5	33.5	34.5	35.4	36.3	36.9	37.4	37.8	38.2
162.5°	26.4	27.7	28.5	29.3	30.1	30.8	31.4	32.1	32.6	33.0	33.4
165°	22.4	23.4	24.3	25.2	26.0	26.6	27.1	27.6	28.0	28.3	28.6
167.5°	18.8	19.4	20.1	20.8	21.5	22.1	22.7	23.3	23.7	24.1	24.3
170°	15.5	16.0	16.5	16.9	17.3	17.7	18.1	18.4	18.8	19.2	19.5
172.5°	11.6	12.2	12.8	13.3	13.7	14.0	14.3	14.5	14.7	14.9	15.1
175°	7.4	7.8	8.1	8.5	8.8	9.1	9.4	9.7	10.0	10.2	10.5
177.5°	3.7	3.8	4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.7
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: P231874

CATALOG NUMBER: FVS4WM-2-LD4-40-1LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	4.8	4.8	4.9	4.9	4.9	5.0	5.1	5.1	5.0	5.0	4.9
5°	10.7	10.8	11.0	11.1	11.3	11.3	11.4	11.5	11.7	11.6	11.5
7.5°	15.2	15.3	15.4	15.5	15.5	15.5	15.5	15.5	15.4	15.4	15.2
10°	19.8	20.0	20.2	20.3	20.4	20.5	20.5	20.4	20.4	20.4	20.2
12.5°	24.5	24.6	24.7	24.8	24.8	24.7	24.6	24.5	24.3	24.1	23.9
15°	28.8	29.0	29.1	29.2	29.1	29.1	28.9	28.7	28.4	28.1	27.8
17.5°	33.6	33.8	34.0	34.1	34.1	34.1	34.1	33.9	33.7	33.4	33.2
20°	38.5	38.9	39.4	39.9	40.3	40.7	41.0	41.3	41.4	41.5	41.8
22.5°	44.0	44.7	45.4	46.0	46.5	47.0	47.4	47.8	48.1	48.2	48.6
25°	48.7	49.5	50.3	51.2	52.0	52.7	53.4	54.0	54.5	54.9	55.2
27.5°	53.0	54.1	55.2	56.5	58.0	59.4	60.7	61.8	62.8	63.6	64.2
30°	57.8	59.8	61.7	63.6	66.0	68.3	70.3	72.1	73.7	75.0	76.1
32.5°	64.0	67.2	70.2	73.2	76.4	79.7	82.7	85.3	87.6	89.5	91.1
35°	72.0	76.5	81.0	85.3	89.6	94.6	99.2	103.4	107.1	110.3	112.9
37.5°	82.5	88.1	94.7	101.0	107.1	113.0	118.3	122.9	127.0	130.3	133.0
40°	95.4	102.6	110.5	118.1	125.1	131.9	138.4	144.2	149.2	153.4	156.7
42.5°	111.4	119.0	127.6	136.9	145.5	153.5	161.6	168.6	174.5	179.3	182.9
45°	128.8	138.3	147.1	158.3	169.2	179.9	187.8	195.5	201.8	206.7	210.3
47.5°	147.7	159.6	171.4	183.0	195.2	206.1	216.4	226.0	234.0	240.4	245.2
50°	168.9	182.6	196.7	210.0	224.3	237.7	250.3	262.4	272.7	281.0	287.2
52.5°	190.7	206.6	222.9	239.1	256.6	273.9	289.2	306.1	320.1	331.0	338.9
55°	212.8	230.6	249.3	269.8	291.9	317.6	339.5	354.9	366.2	374.2	379.1
57.5°	233.6	254.3	276.4	304.3	334.8	359.1	382.6	395.2	403.4	409.5	413.5
60°	254.0	277.8	307.8	338.1	367.1	392.3	412.7	425.9	431.9	437.0	440.9
62.5°	273.2	303.7	335.6	367.3	395.0	418.6	434.9	446.7	453.9	459.3	462.7
65°	294.6	326.3	360.3	392.8	420.2	441.6	456.4	467.4	473.1	476.9	479.7
67.5°	314.4	348.6	384.3	417.9	445.3	464.3	476.5	483.1	487.7	492.5	495.4
70°	332.9	369.4	406.3	442.1	468.2	482.7	491.9	498.0	503.6	507.4	510.9
72.5°	348.9	386.7	424.8	459.3	483.5	497.2	504.3	510.7	516.3	519.4	523.1
75°	361.8	400.5	439.9	473.8	495.9	506.5	514.9	521.2	526.0	529.6	532.4
77.5°	371.3	411.0	454.4	486.5	504.1	514.5	522.8	529.0	533.5	537.4	540.8
80°	381.4	422.3	465.3	496.9	511.9	521.0	529.1	535.0	540.2	545.2	548.0
82.5°	390.1	433.3	474.9	502.5	516.2	525.7	534.2	539.9	545.4	549.3	553.2
85°	395.7	440.0	481.6	506.9	518.9	528.8	537.3	543.0	549.0	553.4	557.9
87.5°	399.7	442.7	485.1	510.0	520.6	530.0	539.0	543.9	550.8	554.7	560.4
90°	397.9	441.4	484.9	511.1	521.2	529.5	539.7	543.8	549.8	555.2	558.7
92.5°	399.7	442.7	485.1	510.0	520.6	530.0	539.0	543.9	550.8	554.7	560.4
95°	395.7	440.0	481.6	506.9	518.9	528.8	537.3	543.0	549.0	553.4	557.9
97.5°	390.1	433.3	474.9	502.5	516.2	525.7	534.2	539.9	545.4	549.3	553.2
100°	381.4	422.3	465.3	496.9	511.9	521.0	529.1	535.0	540.2	545.2	548.0
102.5°	371.3	411.0	454.4	486.5	504.1	514.5	522.8	529.0	533.5	537.4	540.8
105°	361.8	400.5	439.9	473.8	495.9	506.5	514.9	521.2	526.0	529.6	532.4
107.5°	348.9	386.7	424.8	459.3	483.5	497.2	504.3	510.7	516.3	519.4	523.1
110°	332.9	369.4	406.3	442.1	468.2	482.7	491.9	498.0	503.6	507.4	510.9



TEST NUMBER: P231874

CATALOG NUMBER: FVS4WM-2-LD4-40-1LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	314.4	348.6	384.3	417.9	445.3	464.3	476.5	483.1	487.7	492.5	495.4
115°	294.6	326.3	360.3	392.8	420.2	441.6	456.4	467.4	473.1	476.9	479.7
117.5°	273.2	303.7	335.6	367.3	395.0	418.6	434.9	446.7	453.9	459.3	462.7
120°	254.0	277.8	307.8	338.1	367.1	392.3	412.7	425.9	431.9	437.0	440.9
122.5°	233.6	254.3	276.4	304.3	334.8	359.1	382.6	395.2	403.4	409.5	413.5
125°	212.8	230.6	249.3	269.8	291.9	317.6	339.5	354.9	366.2	374.2	379.1
127.5°	190.7	206.6	222.9	239.1	256.6	273.9	289.2	306.1	320.1	331.0	338.9
130°	168.9	182.6	196.7	210.0	224.3	237.7	250.3	262.4	272.7	281.0	287.2
132.5°	147.7	159.6	171.4	183.0	195.2	206.1	216.4	226.0	234.0	240.4	245.2
135°	128.8	138.3	147.1	158.3	169.2	179.9	187.8	195.5	201.8	206.7	210.3
137.5°	111.4	119.0	127.6	136.9	145.5	153.5	161.6	168.6	174.5	179.3	182.9
140°	95.4	102.6	110.5	118.1	125.1	131.9	138.4	144.2	149.2	153.4	156.7
142.5°	82.5	88.1	94.7	101.0	107.1	113.0	118.3	122.9	127.0	130.3	133.0
145°	72.0	76.5	81.0	85.3	89.6	94.6	99.2	103.4	107.1	110.3	112.9
147.5°	64.0	67.2	70.2	73.2	76.4	79.7	82.7	85.3	87.6	89.5	91.1
150°	57.8	59.8	61.7	63.6	66.0	68.3	70.3	72.1	73.7	75.0	76.1
152.5°	53.0	54.1	55.2	56.5	58.0	59.4	60.7	61.8	62.8	63.6	64.2
155°	48.7	49.5	50.3	51.2	52.0	52.7	53.4	54.0	54.5	54.9	55.2
157.5°	44.0	44.7	45.4	46.0	46.5	47.0	47.4	47.8	48.1	48.2	48.6
160°	38.5	38.9	39.4	39.9	40.3	40.7	41.0	41.3	41.4	41.5	41.8
162.5°	33.6	33.8	34.0	34.1	34.1	34.1	34.1	33.9	33.7	33.4	33.2
165°	28.8	29.0	29.1	29.2	29.1	29.1	28.9	28.7	28.4	28.1	27.8
167.5°	24.5	24.6	24.7	24.8	24.8	24.7	24.6	24.5	24.3	24.1	23.9
170°	19.8	20.0	20.2	20.3	20.4	20.5	20.5	20.4	20.4	20.4	20.2
172.5°	15.2	15.3	15.4	15.5	15.5	15.5	15.5	15.5	15.4	15.4	15.2
175°	10.7	10.8	11.0	11.1	11.3	11.3	11.4	11.5	11.7	11.6	11.5
177.5°	4.8	4.8	4.9	4.9	4.9	5.0	5.1	5.1	5.0	5.0	4.9
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: P231874

CATALOG NUMBER: FVS4WM-2-LD4-40-1LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	0.0	0.0
2.5°	4.9	4.8
5°	11.4	11.3
7.5°	15.1	14.9
10°	19.9	19.7
12.5°	23.6	23.2
15°	27.3	26.8
17.5°	32.7	32.2
20°	41.4	41.1
22.5°	48.4	48.2
25°	55.4	55.4
27.5°	64.8	64.9
30°	77.1	77.4
32.5°	92.4	92.9
35°	115.2	116.2
37.5°	135.4	136.4
40°	159.6	160.8
42.5°	186.0	187.0
45°	213.3	213.8
47.5°	249.1	249.6
50°	292.4	293.1
52.5°	345.2	345.5
55°	382.3	380.6
57.5°	416.4	414.6
60°	444.4	443.8
62.5°	464.3	464.0
65°	481.2	481.3
67.5°	496.4	495.6
70°	513.6	514.6
72.5°	525.0	525.4
75°	535.1	536.7
77.5°	543.6	544.4
80°	550.2	551.0
82.5°	556.2	558.7
85°	560.0	560.5
87.5°	564.0	561.1
90°	560.5	565.9
92.5°	564.0	561.1
95°	560.0	560.5
97.5°	556.2	558.7
100°	550.2	551.0
102.5°	543.6	544.4
105°	535.1	536.7
107.5°	525.0	525.4
110°	513.6	514.6



TEST NUMBER: P231874

CATALOG NUMBER: FVS4WM-2-LD4-40-1LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	496.4	495.6
115°	481.2	481.3
117.5°	464.3	464.0
120°	444.4	443.8
122.5°	416.4	414.6
125°	382.3	380.6
127.5°	345.2	345.5
130°	292.4	293.1
132.5°	249.1	249.6
135°	213.3	213.8
137.5°	186.0	187.0
140°	159.6	160.8
142.5°	135.4	136.4
145°	115.2	116.2
147.5°	92.4	92.9
150°	77.1	77.4
152.5°	64.8	64.9
155°	55.4	55.4
157.5°	48.4	48.2
160°	41.4	41.1
162.5°	32.7	32.2
165°	27.3	26.8
167.5°	23.6	23.2
170°	19.9	19.7
172.5°	15.1	14.9
175°	11.4	11.3
177.5°	4.9	4.8
180°	0.0	0.0

(END OF REPORT)