

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: P231909

Luminaire Tested: **FVS4WM-2-LD4-35-2LO-P125-UNV-EDC1**

Issue Date: 3/3/2020



Test Information

Test Method: LM-79-08
Report Number: P231909
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1706-121-8)
Test Lab: INNOVATION CENTER(G3)
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: FAIL-SAFE
Catalog Number: FVS4WM-2-LD4-35-2LO-P125-UNV-EDC1
Description: FAILSAFE FVS LED FIXTURE
2FT LENGTH, 2-MODULE LED WITH P125 LENS
Light Source: (84) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

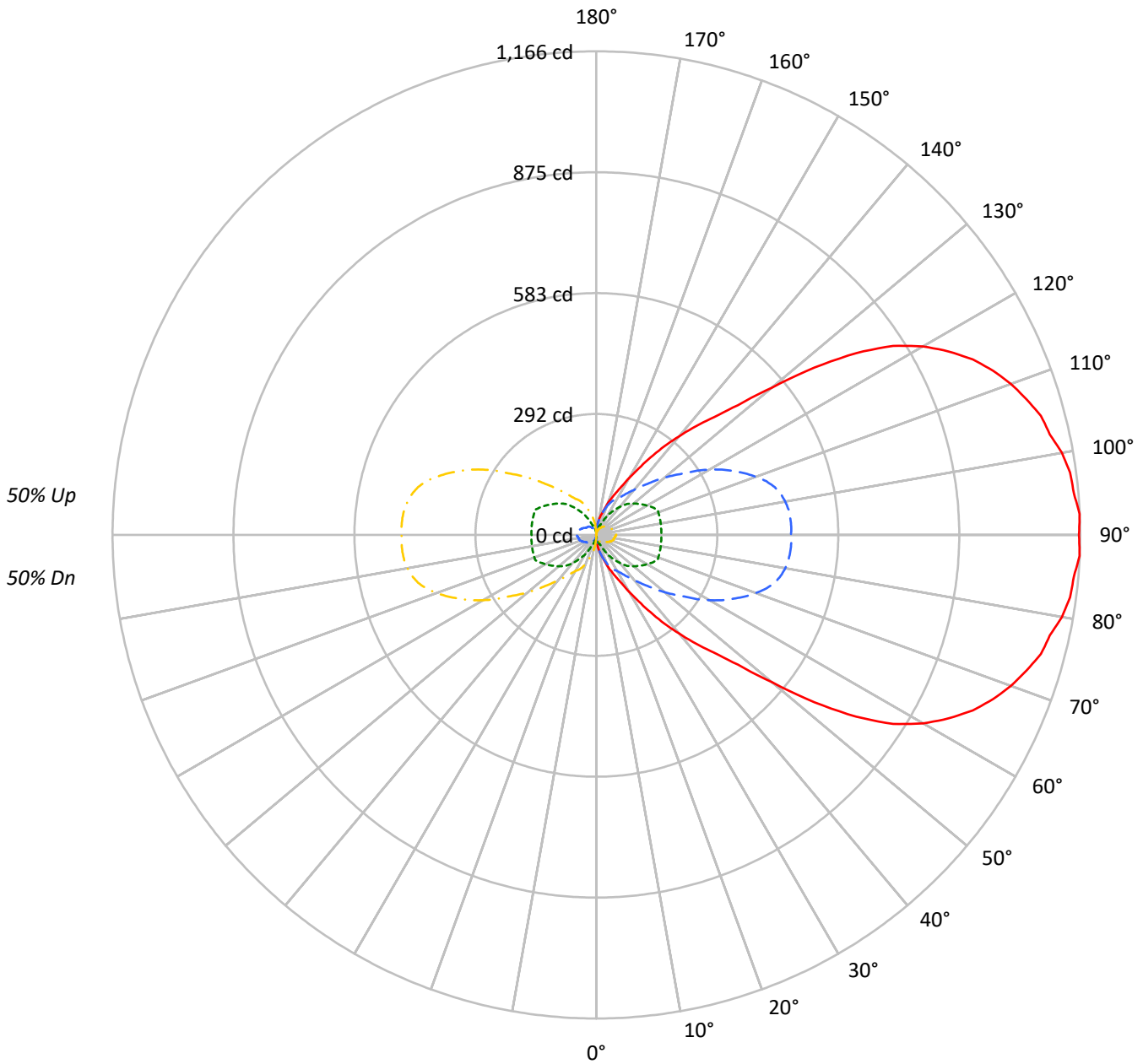
Lumens per Lamp: N/A
Luminaire Lumens: 2662.8 lumens
Efficiency: N/A
Efficacy: 110.5 lumens/watt
Spacing Criteria (0/90/45): - / - / -
Luminous Opening: Rectangular w/ Sides (W: 1.92' x L: 0.19' x H: 0.31')
CIE Type: General Diffuse

Input Watts (W): 24.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Luminous Intensity Polar Plot



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



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

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

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	0	0	0	0
5°	583	178	0	178
10°	919	355	0	355
15°	1173	535	0	535
20°	1621	722	0	722
25°	2079	1096	0	1096
30°	2795	1682	0	1682
35°	3842	2320	0	2320
40°	5053	3034	0	3034
45°	6374	3850	0	3850
50°	8634	4588	0	4588
55°	11806	5485	0	5485
60°	14010	6605	9	6605
65°	15508	8050	9	8050
70°	16692	9610	9	9610
75°	17777	11382	10	11382
80°	18798	14115	0	14115
85°	19793	18829	0	18829



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1.2	0.0
10°-20°	8.5	0.3
20°-30°	23.9	0.9
30°-40°	53.0	2.0
40°-50°	102.5	3.8
50°-60°	182.5	6.9
60°-70°	269.0	10.1
70°-80°	330.0	12.4
80°-90°	360.7	13.5
90°-100°	360.7	13.5
100°-110°	330.0	12.4
110°-120°	269.0	10.1
120°-130°	182.5	6.9
130°-140°	102.5	3.8
140°-150°	53.0	2.0
150°-160°	23.9	0.9
160°-170°	8.5	0.3
170°-180°	1.2	0.0
0°-30°	33.6	1.3
0°-40°	86.7	3.3
0°-60°	371.7	14.0
0°-90°	1331.4	50.0
90°-120°	959.7	36.0
90°-150°	1297.7	48.7
90°-180°	1331.0	50.0
0°-180°	2662.8	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	0	0	0	0	0	
5°	22	6	0	6	22	3
15°	55	18	0	18	55	17
25°	112	36	0	36	112	54
35°	228	71	0	71	228	147
45°	401	106	0	106	401	322
55°	764	130	0	130	764	677
65°	1001	153	1	153	1001	988
75°	1109	158	1	158	1109	1168
85°	1155	157	0	157	1155	942
90°	1163	156	0	156	1163	638
95°	1155	157	0	157	1155	942
105°	1109	158	1	158	1109	1168
115°	1001	153	1	153	1001	988
125°	764	130	0	130	764	677
135°	401	106	0	106	401	322
145°	228	71	0	71	228	147
155°	112	36	0	36	112	54
165°	55	18	0	18	55	17
175°	22	6	0	6	22	3
180°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	9.0	9.1	9.3	9.4	9.5	9.6	9.7	9.4	9.4	9.4	9.4
5°	22.2	22.4	22.6	22.8	23.1	22.7	22.6	22.5	22.3	22.1	21.9
7.5°	30.0	30.4	30.7	31.1	31.1	31.3	31.4	31.4	31.4	31.4	31.3
10°	39.1	39.6	40.2	40.7	40.7	40.9	41.0	41.1	41.0	40.9	40.7
12.5°	46.9	47.7	48.4	48.8	49.3	49.7	49.9	50.1	50.2	50.2	50.1
15°	54.7	55.7	56.7	57.3	57.9	58.5	58.9	59.2	59.4	59.4	59.4
17.5°	66.1	67.1	68.2	68.5	69.0	69.4	69.6	69.7	69.7	69.5	69.3
20°	81.7	82.4	83.1	82.8	82.8	82.6	82.3	81.8	81.3	80.6	80.0
22.5°	95.5	95.9	96.3	95.6	95.3	94.8	94.1	93.4	92.5	91.5	90.5
25°	111.8	111.8	111.2	110.4	109.4	108.2	106.8	105.2	103.5	101.7	99.8
27.5°	131.0	130.6	129.3	127.9	126.2	124.1	121.8	119.2	116.4	113.4	110.6
30°	158.6	157.6	155.2	152.6	149.4	145.7	141.6	137.1	132.3	127.1	123.3
32.5°	189.9	188.3	185.0	181.3	177.0	171.9	166.3	160.1	153.3	146.6	140.3
35°	227.7	225.6	221.2	216.3	210.4	203.5	195.8	187.2	177.8	169.3	160.7
37.5°	269.8	267.3	262.1	256.2	249.0	240.5	230.8	219.9	208.2	196.9	185.0
40°	310.0	308.3	303.5	297.8	290.4	281.2	270.2	257.4	243.6	229.4	214.1
42.5°	355.7	354.5	349.5	343.5	335.5	325.6	313.6	299.6	284.2	267.0	247.7
45°	401.3	402.3	398.9	394.0	386.3	375.6	361.7	346.8	328.0	309.1	289.1
47.5°	462.6	464.6	460.7	455.0	446.1	434.0	418.6	400.6	379.9	355.4	334.2
50°	553.3	554.3	546.2	536.2	522.1	504.3	483.0	462.0	439.0	412.3	385.3
52.5°	662.7	659.8	645.4	629.3	609.3	586.2	560.7	533.5	501.1	467.7	436.9
55°	764.2	757.2	738.5	718.3	694.3	667.2	637.6	604.5	566.3	526.8	487.5
57.5°	848.3	836.9	815.2	792.3	766.5	738.5	706.6	669.5	631.7	585.2	539.6
60°	909.0	896.2	874.5	851.1	824.1	793.9	761.2	726.9	687.3	641.3	592.6
62.5°	957.7	941.8	922.1	898.6	871.8	842.3	808.7	773.5	734.5	692.9	641.8
65°	1000.9	984.7	964.5	940.2	912.2	881.5	848.9	813.8	774.1	731.9	685.9
67.5°	1034.6	1019.4	1000.2	976.8	949.3	917.8	882.9	845.8	807.1	764.5	719.8
70°	1063.4	1052.2	1035.8	1012.9	982.0	948.6	913.4	874.0	832.9	792.9	751.7
72.5°	1086.9	1079.8	1067.7	1049.1	1017.5	977.2	937.7	898.0	858.0	818.3	778.0
75°	1109.1	1105.2	1096.1	1074.7	1040.8	1001.8	959.4	920.2	881.1	839.8	798.3
77.5°	1119.3	1118.9	1115.0	1093.0	1059.0	1020.5	980.1	939.9	899.2	856.7	814.3
80°	1139.1	1137.5	1129.1	1107.9	1074.0	1035.0	995.0	955.1	913.3	869.2	825.9
82.5°	1151.7	1150.3	1143.2	1126.6	1090.6	1046.4	1003.1	961.0	921.7	880.3	837.6
85°	1154.8	1155.9	1152.1	1132.8	1098.2	1054.6	1010.5	969.3	928.9	888.2	845.0
87.5°	1165.6	1163.1	1153.9	1137.8	1102.9	1062.2	1018.0	974.3	931.6	891.1	848.0
90°	1163.2	1162.0	1155.4	1139.7	1101.3	1059.8	1019.0	973.9	929.5	889.2	847.1
92.5°	1165.6	1163.1	1153.9	1137.8	1102.9	1062.2	1018.0	974.3	931.6	891.1	848.0
95°	1154.8	1155.9	1152.1	1132.8	1098.2	1054.6	1010.5	969.3	928.9	888.2	845.0
97.5°	1151.7	1150.3	1143.2	1126.6	1090.6	1046.4	1003.1	961.0	921.7	880.3	837.6
100°	1139.1	1137.5	1129.1	1107.9	1074.0	1035.0	995.0	955.1	913.3	869.2	825.9
102.5°	1119.3	1118.9	1115.0	1093.0	1059.0	1020.5	980.1	939.9	899.2	856.7	814.3
105°	1109.1	1105.2	1096.1	1074.7	1040.8	1001.8	959.4	920.2	881.1	839.8	798.3
107.5°	1086.9	1079.8	1067.7	1049.1	1017.5	977.2	937.7	898.0	858.0	818.3	778.0
110°	1063.4	1052.2	1035.8	1012.9	982.0	948.6	913.4	874.0	832.9	792.9	751.7



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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°	1034.6	1019.4	1000.2	976.8	949.3	917.8	882.9	845.8	807.1	764.5	719.8
115°	1000.9	984.7	964.5	940.2	912.2	881.5	848.9	813.8	774.1	731.9	685.9
117.5°	957.7	941.8	922.1	898.6	871.8	842.3	808.7	773.5	734.5	692.9	641.8
120°	909.0	896.2	874.5	851.1	824.1	793.9	761.2	726.9	687.3	641.3	592.6
122.5°	848.3	836.9	815.2	792.3	766.5	738.5	706.6	669.5	631.7	585.2	539.6
125°	764.2	757.2	738.5	718.3	694.3	667.2	637.6	604.5	566.3	526.8	487.5
127.5°	662.7	659.8	645.4	629.3	609.3	586.2	560.7	533.5	501.1	467.7	436.9
130°	553.3	554.3	546.2	536.2	522.1	504.3	483.0	462.0	439.0	412.3	385.3
132.5°	462.6	464.6	460.7	455.0	446.1	434.0	418.6	400.6	379.9	355.4	334.2
135°	401.3	402.3	398.9	394.0	386.3	375.6	361.7	346.8	328.0	309.1	289.1
137.5°	355.7	354.5	349.5	343.5	335.5	325.6	313.6	299.6	284.2	267.0	247.7
140°	310.0	308.3	303.5	297.8	290.4	281.2	270.2	257.4	243.6	229.4	214.1
142.5°	269.8	267.3	262.1	256.2	249.0	240.5	230.8	219.9	208.2	196.9	185.0
145°	227.7	225.6	221.2	216.3	210.4	203.5	195.8	187.2	177.8	169.3	160.7
147.5°	189.9	188.3	185.0	181.3	177.0	171.9	166.3	160.1	153.3	146.6	140.3
150°	158.6	157.6	155.2	152.6	149.4	145.7	141.6	137.1	132.3	127.1	123.3
152.5°	131.0	130.6	129.3	127.9	126.2	124.1	121.8	119.2	116.4	113.4	110.6
155°	111.8	111.8	111.2	110.4	109.4	108.2	106.8	105.2	103.5	101.7	99.8
157.5°	95.5	95.9	96.3	95.6	95.3	94.8	94.1	93.4	92.5	91.5	90.5
160°	81.7	82.4	83.1	82.8	82.8	82.6	82.3	81.8	81.3	80.6	80.0
162.5°	66.1	67.1	68.2	68.5	69.0	69.4	69.6	69.7	69.7	69.5	69.3
165°	54.7	55.7	56.7	57.3	57.9	58.5	58.9	59.2	59.4	59.4	59.4
167.5°	46.9	47.7	48.4	48.8	49.3	49.7	49.9	50.1	50.2	50.2	50.1
170°	39.1	39.6	40.2	40.7	40.7	40.9	41.0	41.1	41.0	40.9	40.7
172.5°	30.0	30.4	30.7	31.1	31.1	31.3	31.4	31.4	31.4	31.4	31.3
175°	22.2	22.4	22.6	22.8	23.1	22.7	22.6	22.5	22.3	22.1	21.9
177.5°	9.0	9.1	9.3	9.4	9.5	9.6	9.7	9.4	9.4	9.4	9.4
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	9.3	9.2	9.1	9.0	8.9	8.8	8.6	8.4	8.2	8.0	7.8
5°	21.6	21.2	20.9	20.4	20.0	19.4	18.9	18.3	17.7	17.0	16.3
7.5°	31.1	30.9	30.6	30.3	29.9	29.5	29.0	28.5	27.9	27.0	25.9
10°	40.4	40.1	39.6	39.1	38.5	37.8	37.1	36.4	35.6	34.8	33.9
12.5°	49.9	49.6	49.2	48.7	48.1	47.2	46.3	45.2	44.1	42.8	41.5
15°	59.2	58.9	58.4	57.9	57.1	56.3	55.4	54.3	53.1	51.6	50.0
17.5°	68.9	68.4	67.9	67.3	66.5	65.5	64.4	63.1	61.7	60.2	58.4
20°	79.2	78.6	77.8	77.0	76.1	75.0	73.8	72.3	70.7	68.9	66.9
22.5°	89.5	88.3	87.2	86.2	85.2	84.0	82.8	81.4	80.1	77.9	75.6
25°	98.3	96.9	95.5	94.1	92.8	91.6	90.6	89.6	88.0	86.4	85.0
27.5°	108.1	105.6	103.1	100.9	99.3	97.8	96.7	95.5	94.7	93.8	92.0
30°	119.5	115.5	111.8	108.7	105.9	103.2	101.6	100.3	100.3	101.2	101.9
32.5°	133.9	127.2	122.0	117.5	112.9	109.6	108.6	108.3	108.8	109.3	110.0
35°	151.7	143.0	135.5	128.0	123.2	121.3	119.0	118.4	117.6	117.8	118.2
37.5°	172.5	161.7	151.3	145.5	140.4	135.4	132.1	129.3	127.5	126.6	126.4
40°	198.5	185.2	175.7	167.8	160.3	153.2	147.3	142.1	138.7	136.2	135.1
42.5°	230.6	217.9	205.2	194.2	183.7	173.9	164.5	157.6	151.1	147.1	144.3
45°	271.9	254.0	238.4	223.0	209.4	196.4	185.2	174.1	166.2	159.1	154.4
47.5°	314.4	294.0	274.0	254.5	237.4	221.4	207.0	194.3	182.0	173.1	166.1
50°	357.6	333.7	310.5	288.3	267.5	247.8	230.3	214.7	200.8	188.2	178.3
52.5°	405.9	375.5	346.9	321.5	297.4	275.4	254.5	236.3	220.6	204.8	197.4
55°	451.8	417.9	385.3	354.3	327.1	302.0	278.6	258.5	244.5	232.7	223.7
57.5°	497.3	457.9	422.2	388.2	356.4	328.4	306.8	287.9	271.6	259.1	249.6
60°	541.6	496.9	456.2	419.6	388.6	360.3	335.4	315.0	298.1	284.5	274.2
62.5°	588.5	533.3	490.4	454.9	422.4	390.3	363.3	341.0	322.8	308.1	297.2
65°	631.0	576.9	525.8	487.8	453.7	420.8	389.5	364.3	345.7	331.0	320.0
67.5°	671.8	616.0	562.8	517.5	481.7	448.9	414.9	387.7	367.5	352.4	341.2
70°	704.3	649.6	595.3	543.8	506.6	473.6	440.1	409.3	387.0	372.0	361.0
72.5°	734.0	677.8	620.1	568.5	527.3	495.1	463.2	429.8	405.0	390.3	379.7
75°	754.8	703.8	641.6	586.8	543.7	513.5	480.8	445.0	419.8	405.0	395.7
77.5°	771.9	725.3	660.0	603.4	558.3	522.4	488.7	455.3	430.7	417.8	410.5
80°	784.4	739.2	680.0	618.6	569.3	530.2	495.1	462.4	438.9	429.0	424.2
82.5°	796.4	751.3	695.0	630.6	577.7	536.9	499.8	466.9	444.9	438.9	437.1
85°	804.7	760.5	704.9	639.0	583.5	542.1	502.9	469.2	449.3	448.0	449.4
87.5°	809.4	768.5	712.2	645.8	587.9	546.8	505.2	470.1	452.7	456.5	461.4
90°	810.5	768.4	710.2	645.3	587.6	547.3	504.1	469.2	456.0	465.0	473.4
92.5°	809.4	768.5	712.2	645.8	587.9	546.8	505.2	470.1	452.7	456.5	461.4
95°	804.7	760.5	704.9	639.0	583.5	542.1	502.9	469.2	449.3	448.0	449.4
97.5°	796.4	751.3	695.0	630.6	577.7	536.9	499.8	466.9	444.9	438.9	437.1
100°	784.4	739.2	680.0	618.6	569.3	530.2	495.1	462.4	438.9	429.0	424.2
102.5°	771.9	725.3	660.0	603.4	558.3	522.4	488.7	455.3	430.7	417.8	410.5
105°	754.8	703.8	641.6	586.8	543.7	513.5	480.8	445.0	419.8	405.0	395.7
107.5°	734.0	677.8	620.1	568.5	527.3	495.1	463.2	429.8	405.0	390.3	379.7
110°	704.3	649.6	595.3	543.8	506.6	473.6	440.1	409.3	387.0	372.0	361.0



TEST NUMBER: P231909

CATALOG NUMBER: FVS4WM-2-LD4-35-2LO-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°	671.8	616.0	562.8	517.5	481.7	448.9	414.9	387.7	367.5	352.4	341.2
115°	631.0	576.9	525.8	487.8	453.7	420.8	389.5	364.3	345.7	331.0	320.0
117.5°	588.5	533.3	490.4	454.9	422.4	390.3	363.3	341.0	322.8	308.1	297.2
120°	541.6	496.9	456.2	419.6	388.6	360.3	335.4	315.0	298.1	284.5	274.2
122.5°	497.3	457.9	422.2	388.2	356.4	328.4	306.8	287.9	271.6	259.1	249.6
125°	451.8	417.9	385.3	354.3	327.1	302.0	278.6	258.5	244.5	232.7	223.7
127.5°	405.9	375.5	346.9	321.5	297.4	275.4	254.5	236.3	220.6	204.8	197.4
130°	357.6	333.7	310.5	288.3	267.5	247.8	230.3	214.7	200.8	188.2	178.3
132.5°	314.4	294.0	274.0	254.5	237.4	221.4	207.0	194.3	182.0	173.1	166.1
135°	271.9	254.0	238.4	223.0	209.4	196.4	185.2	174.1	166.2	159.1	154.4
137.5°	230.6	217.9	205.2	194.2	183.7	173.9	164.5	157.6	151.1	147.1	144.3
140°	198.5	185.2	175.7	167.8	160.3	153.2	147.3	142.1	138.7	136.2	135.1
142.5°	172.5	161.7	151.3	145.5	140.4	135.4	132.1	129.3	127.5	126.6	126.4
145°	151.7	143.0	135.5	128.0	123.2	121.3	119.0	118.4	117.6	117.8	118.2
147.5°	133.9	127.2	122.0	117.5	112.9	109.6	108.6	108.3	108.8	109.3	110.0
150°	119.5	115.5	111.8	108.7	105.9	103.2	101.6	100.3	100.3	101.2	101.9
152.5°	108.1	105.6	103.1	100.9	99.3	97.8	96.7	95.5	94.7	93.8	92.0
155°	98.3	96.9	95.5	94.1	92.8	91.6	90.6	89.6	88.0	86.4	85.0
157.5°	89.5	88.3	87.2	86.2	85.2	84.0	82.8	81.4	80.1	77.9	75.6
160°	79.2	78.6	77.8	77.0	76.1	75.0	73.8	72.3	70.7	68.9	66.9
162.5°	68.9	68.4	67.9	67.3	66.5	65.5	64.4	63.1	61.7	60.2	58.4
165°	59.2	58.9	58.4	57.9	57.1	56.3	55.4	54.3	53.1	51.6	50.0
167.5°	49.9	49.6	49.2	48.7	48.1	47.2	46.3	45.2	44.1	42.8	41.5
170°	40.4	40.1	39.6	39.1	38.5	37.8	37.1	36.4	35.6	34.8	33.9
172.5°	31.1	30.9	30.6	30.3	29.9	29.5	29.0	28.5	27.9	27.0	25.9
175°	21.6	21.2	20.9	20.4	20.0	19.4	18.9	18.3	17.7	17.0	16.3
177.5°	9.3	9.2	9.1	9.0	8.9	8.8	8.6	8.4	8.2	8.0	7.8
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: P231909

CATALOG NUMBER: FVS4WM-2-LD4-35-2LO-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°	7.6	7.3	7.0	6.8	6.5	6.2	5.9	5.5	5.2	4.8	4.5
5°	15.5	14.8	14.0	13.4	12.8	12.2	11.6	11.0	10.3	9.6	8.9
7.5°	24.8	23.7	22.5	21.3	20.0	18.7	17.4	16.3	15.4	14.4	13.3
10°	32.9	31.8	30.8	29.1	27.5	25.8	24.0	22.3	20.4	19.0	17.7
12.5°	40.2	38.9	37.5	36.0	34.4	32.5	30.4	28.3	26.1	23.8	22.0
15°	48.2	46.4	44.7	42.6	40.7	38.6	36.5	34.1	31.5	28.9	26.3
17.5°	56.9	54.4	52.1	49.6	47.1	44.7	42.2	39.5	36.7	33.8	30.9
20°	64.7	62.4	59.9	57.1	54.1	51.0	48.0	44.9	41.7	38.5	35.3
22.5°	73.1	70.5	67.6	64.6	61.2	57.7	54.0	50.4	46.7	43.0	39.6
25°	81.8	78.8	75.5	72.1	69.3	66.2	62.9	59.5	56.1	52.5	49.1
27.5°	91.1	89.3	86.7	84.0	81.1	77.9	74.4	70.7	66.9	63.2	59.3
30°	101.4	100.5	98.6	95.8	92.7	89.3	85.7	81.7	77.8	73.6	69.6
32.5°	110.7	110.3	109.3	107.2	104.0	100.5	96.7	92.6	88.2	84.0	79.7
35°	118.7	119.3	118.8	117.8	115.0	111.5	107.5	103.6	98.8	94.1	89.7
37.5°	126.8	127.3	127.8	127.0	126.1	122.2	118.2	113.8	109.1	104.2	99.7
40°	134.9	135.2	135.7	135.9	135.0	132.6	128.7	124.2	119.3	114.3	109.5
42.5°	143.1	143.1	143.5	144.0	143.7	142.8	138.8	134.4	129.4	124.2	119.1
45°	152.0	150.9	151.3	151.8	152.1	151.4	148.7	144.4	139.3	134.0	128.7
47.5°	160.8	159.4	159.0	159.6	160.0	160.8	161.0	157.6	152.4	146.3	139.7
50°	171.9	168.9	173.1	177.8	180.5	181.0	180.1	175.2	168.4	160.2	151.5
52.5°	193.9	195.1	199.6	203.5	204.8	202.6	199.6	193.6	185.1	174.6	163.8
55°	219.4	220.8	225.5	230.5	230.7	225.9	220.1	212.8	202.4	189.6	176.5
57.5°	244.4	244.4	250.7	257.2	257.1	250.9	241.7	232.5	220.3	205.1	189.6
60°	267.6	267.0	274.7	282.8	284.6	277.4	264.1	252.8	238.4	221.0	202.9
62.5°	290.9	290.2	297.2	307.9	312.9	305.3	287.7	273.4	256.9	237.3	216.5
65°	313.3	312.1	318.2	332.6	341.9	332.8	312.8	294.5	275.8	253.9	230.4
67.5°	334.1	332.7	338.0	356.0	367.4	360.3	338.7	316.1	294.9	270.8	244.4
70°	353.9	353.3	359.7	376.9	387.7	379.3	354.0	325.9	301.5	275.5	247.5
72.5°	372.4	370.5	374.9	385.6	392.7	383.8	358.1	328.2	303.0	276.9	248.7
75°	388.9	386.0	389.5	396.6	399.2	388.6	361.8	330.4	304.2	278.1	249.6
77.5°	404.9	401.4	404.2	409.6	407.0	393.6	365.1	332.3	305.2	279.0	250.3
80°	420.5	416.6	418.9	424.0	415.8	398.6	367.8	333.9	305.8	279.5	250.6
82.5°	435.8	431.8	433.8	439.5	425.2	403.5	370.1	335.3	306.1	279.8	251.5
85°	450.7	446.9	448.8	455.6	434.8	409.4	373.0	337.1	306.7	280.3	251.0
87.5°	465.5	461.9	463.9	472.2	444.8	412.6	373.3	337.1	306.0	279.6	250.4
90°	480.0	477.0	479.4	487.9	453.6	415.8	373.7	337.1	305.2	278.8	249.9
92.5°	465.5	461.9	463.9	472.2	444.8	412.6	373.3	337.1	306.0	279.6	250.4
95°	450.7	446.9	448.8	455.6	434.8	409.4	373.0	337.1	306.7	280.3	251.0
97.5°	435.8	431.8	433.8	439.5	425.2	403.5	370.1	335.3	306.1	279.8	251.5
100°	420.5	416.6	418.9	424.0	415.8	398.6	367.8	333.9	305.8	279.5	250.6
102.5°	404.9	401.4	404.2	409.6	407.0	393.6	365.1	332.3	305.2	279.0	250.3
105°	388.9	386.0	389.5	396.6	399.2	388.6	361.8	330.4	304.2	278.1	249.6
107.5°	372.4	370.5	374.9	385.6	392.7	383.8	358.1	328.2	303.0	276.9	248.7
110°	353.9	353.3	359.7	376.9	387.7	379.3	354.0	325.9	301.5	275.5	247.5



TEST NUMBER: P231909

CATALOG NUMBER: FVS4WM-2-LD4-35-2LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	334.1	332.7	338.0	356.0	367.4	360.3	338.7	316.1	294.9	270.8	244.4
115°	313.3	312.1	318.2	332.6	341.9	332.8	312.8	294.5	275.8	253.9	230.4
117.5°	290.9	290.2	297.2	307.9	312.9	305.3	287.7	273.4	256.9	237.3	216.5
120°	267.6	267.0	274.7	282.8	284.6	277.4	264.1	252.8	238.4	221.0	202.9
122.5°	244.4	244.4	250.7	257.2	257.1	250.9	241.7	232.5	220.3	205.1	189.6
125°	219.4	220.8	225.5	230.5	230.7	225.9	220.1	212.8	202.4	189.6	176.5
127.5°	193.9	195.1	199.6	203.5	204.8	202.6	199.6	193.6	185.1	174.6	163.8
130°	171.9	168.9	173.1	177.8	180.5	181.0	180.1	175.2	168.4	160.2	151.5
132.5°	160.8	159.4	159.0	159.6	160.0	160.8	161.0	157.6	152.4	146.3	139.7
135°	152.0	150.9	151.3	151.8	152.1	151.4	148.7	144.4	139.3	134.0	128.7
137.5°	143.1	143.1	143.5	144.0	143.7	142.8	138.8	134.4	129.4	124.2	119.1
140°	134.9	135.2	135.7	135.9	135.0	132.6	128.7	124.2	119.3	114.3	109.5
142.5°	126.8	127.3	127.8	127.0	126.1	122.2	118.2	113.8	109.1	104.2	99.7
145°	118.7	119.3	118.8	117.8	115.0	111.5	107.5	103.6	98.8	94.1	89.7
147.5°	110.7	110.3	109.3	107.2	104.0	100.5	96.7	92.6	88.2	84.0	79.7
150°	101.4	100.5	98.6	95.8	92.7	89.3	85.7	81.7	77.8	73.6	69.6
152.5°	91.1	89.3	86.7	84.0	81.1	77.9	74.4	70.7	66.9	63.2	59.3
155°	81.8	78.8	75.5	72.1	69.3	66.2	62.9	59.5	56.1	52.5	49.1
157.5°	73.1	70.5	67.6	64.6	61.2	57.7	54.0	50.4	46.7	43.0	39.6
160°	64.7	62.4	59.9	57.1	54.1	51.0	48.0	44.9	41.7	38.5	35.3
162.5°	56.9	54.4	52.1	49.6	47.1	44.7	42.2	39.5	36.7	33.8	30.9
165°	48.2	46.4	44.7	42.6	40.7	38.6	36.5	34.1	31.5	28.9	26.3
167.5°	40.2	38.9	37.5	36.0	34.4	32.5	30.4	28.3	26.1	23.8	22.0
170°	32.9	31.8	30.8	29.1	27.5	25.8	24.0	22.3	20.4	19.0	17.7
172.5°	24.8	23.7	22.5	21.3	20.0	18.7	17.4	16.3	15.4	14.4	13.3
175°	15.5	14.8	14.0	13.4	12.8	12.2	11.6	11.0	10.3	9.6	8.9
177.5°	7.6	7.3	7.0	6.8	6.5	6.2	5.9	5.5	5.2	4.8	4.5
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: P231909

CATALOG NUMBER: FVS4WM-2-LD4-35-2LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	4.1	3.8	3.4	3.0	3.0	3.0	2.9	2.9	2.9	2.8	2.8
5°	8.2	7.5	6.8	6.0	5.9	5.9	5.8	5.7	5.6	5.5	5.4
7.5°	12.3	11.2	10.1	9.0	8.9	8.8	8.6	8.5	8.3	8.1	7.9
10°	16.3	14.9	13.5	12.0	11.8	11.6	11.3	11.1	10.8	10.6	10.4
12.5°	20.3	18.5	16.8	15.0	14.7	14.4	14.0	13.6	13.3	13.1	12.9
15°	24.2	22.2	20.1	18.0	17.6	17.1	16.6	16.2	15.9	15.7	15.4
17.5°	28.1	25.8	23.4	21.0	20.4	19.8	19.2	18.8	18.5	18.2	17.8
20°	32.0	29.3	26.7	24.0	23.3	22.5	21.7	21.4	21.0	20.7	20.2
22.5°	36.0	32.9	30.0	27.0	26.1	25.1	24.3	24.0	23.5	23.1	22.6
25°	45.6	42.2	39.1	35.7	34.4	32.9	31.8	30.8	29.8	28.7	27.5
27.5°	55.6	51.8	48.2	44.5	42.7	40.8	39.4	38.2	36.8	35.3	33.8
30°	65.5	61.3	57.4	53.2	51.0	48.5	47.0	45.3	43.6	41.7	39.8
32.5°	75.4	70.9	66.5	62.0	59.2	56.4	54.4	52.3	50.1	47.9	45.4
35°	85.2	80.5	75.7	70.7	67.3	64.1	61.7	59.2	56.5	53.7	50.8
37.5°	95.0	90.1	84.9	79.5	75.5	71.8	68.9	65.9	62.8	59.3	56.1
40°	104.7	99.6	94.1	88.2	83.6	79.4	76.0	72.4	68.7	64.7	61.1
42.5°	114.3	109.0	103.3	97.0	91.6	87.0	83.1	78.8	74.5	70.0	66.0
45°	123.9	118.5	112.5	105.7	99.7	94.5	89.9	85.1	80.1	75.1	70.7
47.5°	133.3	126.7	119.5	111.6	104.4	98.3	93.0	87.8	82.6	78.0	73.5
50°	143.1	134.9	126.6	117.6	109.0	101.8	95.5	89.5	84.0	79.5	74.6
52.5°	153.2	143.2	133.7	123.5	113.5	105.3	98.0	91.3	85.4	81.1	76.0
55°	163.6	151.7	140.8	129.5	118.0	108.6	100.3	93.0	87.0	82.8	77.7
57.5°	174.3	160.2	148.0	135.4	122.4	111.9	102.6	94.8	88.8	84.5	79.7
60°	185.2	168.9	155.2	141.4	126.8	115.1	104.8	96.5	90.7	86.4	82.1
62.5°	196.3	177.5	162.4	147.3	131.1	118.2	106.9	98.3	92.6	88.4	84.5
65°	207.5	186.3	169.6	153.3	135.5	121.3	109.0	100.1	94.6	90.7	87.2
67.5°	218.9	195.0	176.9	159.2	139.8	124.4	111.1	102.0	96.6	93.1	90.1
70°	221.6	197.1	177.7	158.9	138.9	123.5	110.4	101.6	96.4	93.2	90.8
72.5°	223.4	198.9	178.4	158.5	138.0	122.7	109.5	100.9	95.6	92.3	90.1
75°	225.1	200.7	179.8	158.2	137.1	121.9	108.7	100.2	94.9	91.5	89.5
77.5°	226.5	202.5	180.3	157.9	136.3	121.1	108.0	99.7	94.1	90.7	88.9
80°	227.8	204.9	180.7	157.5	135.5	120.5	107.4	99.2	93.3	89.9	88.3
82.5°	229.5	206.3	181.2	157.2	134.8	119.9	106.8	98.8	92.6	89.1	87.8
85°	230.1	207.6	181.7	156.9	134.1	119.3	106.4	98.4	91.9	88.4	87.4
87.5°	230.7	209.0	182.1	156.5	133.4	118.8	106.0	98.1	91.3	87.7	86.9
90°	231.3	210.3	182.6	156.2	132.8	118.4	105.7	97.9	90.7	87.1	86.5
92.5°	230.7	209.0	182.1	156.5	133.4	118.8	106.0	98.1	91.3	87.7	86.9
95°	230.1	207.6	181.7	156.9	134.1	119.3	106.4	98.4	91.9	88.4	87.4
97.5°	229.5	206.3	181.2	157.2	134.8	119.9	106.8	98.8	92.6	89.1	87.8
100°	227.8	204.9	180.7	157.5	135.5	120.5	107.4	99.2	93.3	89.9	88.3
102.5°	226.5	202.5	180.3	157.9	136.3	121.1	108.0	99.7	94.1	90.7	88.9
105°	225.1	200.7	179.8	158.2	137.1	121.9	108.7	100.2	94.9	91.5	89.5
107.5°	223.4	198.9	178.4	158.5	138.0	122.7	109.5	100.9	95.6	92.3	90.1
110°	221.6	197.1	177.7	158.9	138.9	123.5	110.4	101.6	96.4	93.2	90.8



TEST NUMBER: P231909

CATALOG NUMBER: FVS4WM-2-LD4-35-2LO-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°	218.9	195.0	176.9	159.2	139.8	124.4	111.1	102.0	96.6	93.1	90.1
115°	207.5	186.3	169.6	153.3	135.5	121.3	109.0	100.1	94.6	90.7	87.2
117.5°	196.3	177.5	162.4	147.3	131.1	118.2	106.9	98.3	92.6	88.4	84.5
120°	185.2	168.9	155.2	141.4	126.8	115.1	104.8	96.5	90.7	86.4	82.1
122.5°	174.3	160.2	148.0	135.4	122.4	111.9	102.6	94.8	88.8	84.5	79.7
125°	163.6	151.7	140.8	129.5	118.0	108.6	100.3	93.0	87.0	82.8	77.7
127.5°	153.2	143.2	133.7	123.5	113.5	105.3	98.0	91.3	85.4	81.1	76.0
130°	143.1	134.9	126.6	117.6	109.0	101.8	95.5	89.5	84.0	79.5	74.6
132.5°	133.3	126.7	119.5	111.6	104.4	98.3	93.0	87.8	82.6	78.0	73.5
135°	123.9	118.5	112.5	105.7	99.7	94.5	89.9	85.1	80.1	75.1	70.7
137.5°	114.3	109.0	103.3	97.0	91.6	87.0	83.1	78.8	74.5	70.0	66.0
140°	104.7	99.6	94.1	88.2	83.6	79.4	76.0	72.4	68.7	64.7	61.1
142.5°	95.0	90.1	84.9	79.5	75.5	71.8	68.9	65.9	62.8	59.3	56.1
145°	85.2	80.5	75.7	70.7	67.3	64.1	61.7	59.2	56.5	53.7	50.8
147.5°	75.4	70.9	66.5	62.0	59.2	56.4	54.4	52.3	50.1	47.9	45.4
150°	65.5	61.3	57.4	53.2	51.0	48.5	47.0	45.3	43.6	41.7	39.8
152.5°	55.6	51.8	48.2	44.5	42.7	40.8	39.4	38.2	36.8	35.3	33.8
155°	45.6	42.2	39.1	35.7	34.4	32.9	31.8	30.8	29.8	28.7	27.5
157.5°	36.0	32.9	30.0	27.0	26.1	25.1	24.3	24.0	23.5	23.1	22.6
160°	32.0	29.3	26.7	24.0	23.3	22.5	21.7	21.4	21.0	20.7	20.2
162.5°	28.1	25.8	23.4	21.0	20.4	19.8	19.2	18.8	18.5	18.2	17.8
165°	24.2	22.2	20.1	18.0	17.6	17.1	16.6	16.2	15.9	15.7	15.4
167.5°	20.3	18.5	16.8	15.0	14.7	14.4	14.0	13.6	13.3	13.1	12.9
170°	16.3	14.9	13.5	12.0	11.8	11.6	11.3	11.1	10.8	10.6	10.4
172.5°	12.3	11.2	10.1	9.0	8.9	8.8	8.6	8.5	8.3	8.1	7.9
175°	8.2	7.5	6.8	6.0	5.9	5.9	5.8	5.7	5.6	5.5	5.4
177.5°	4.1	3.8	3.4	3.0	3.0	3.0	2.9	2.9	2.9	2.8	2.8
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: P231909

CATALOG NUMBER: FVS4WM-2-LD4-35-2LO-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°	2.7	2.7	2.6	2.6	2.5	2.4	2.3	2.3	2.2	2.1	2.0
5°	5.3	5.2	5.0	4.9	4.7	4.6	4.5	4.3	4.2	4.0	3.8
7.5°	7.7	7.6	7.4	7.2	7.0	6.8	6.6	6.4	6.2	5.9	5.7
10°	10.2	10.0	9.8	9.5	9.3	9.0	8.7	8.4	8.1	7.8	7.4
12.5°	12.6	12.4	12.1	11.8	11.5	11.1	10.7	10.4	10.0	9.6	9.1
15°	15.1	14.7	14.4	14.0	13.6	13.2	12.7	12.3	11.8	11.3	10.8
17.5°	17.4	17.0	16.6	16.2	15.7	15.2	14.7	14.1	13.6	13.0	12.4
20°	19.8	19.3	18.8	18.3	17.8	17.2	16.6	16.0	15.3	14.7	14.0
22.5°	22.1	21.6	21.0	20.4	19.8	19.1	18.5	17.8	17.0	16.3	15.6
25°	26.3	25.0	23.7	22.5	21.8	21.0	20.3	19.5	18.7	17.9	17.1
27.5°	32.2	30.6	29.1	27.5	25.8	24.2	22.6	21.2	20.3	19.4	18.5
30°	37.8	35.9	34.0	32.0	29.9	28.0	26.1	24.4	22.8	21.3	19.8
32.5°	43.1	40.9	38.5	35.9	33.5	31.2	29.1	27.1	25.2	23.3	21.5
35°	48.2	45.5	42.4	39.4	36.5	33.9	31.6	29.3	27.1	25.1	23.3
37.5°	53.1	49.5	45.8	42.4	39.1	36.3	33.6	31.1	28.7	26.6	24.7
40°	57.5	53.1	48.9	44.9	41.5	38.3	35.4	32.7	30.2	28.0	26.0
42.5°	61.4	56.3	51.6	47.3	43.4	40.1	36.9	34.0	31.4	29.1	27.1
45°	64.9	59.2	53.9	49.4	45.3	41.7	38.2	35.1	32.5	30.1	28.0
47.5°	67.6	61.8	56.2	51.2	47.0	43.1	39.3	36.3	33.5	31.0	28.7
50°	68.9	63.4	58.1	53.3	48.8	44.3	40.5	37.2	34.4	31.7	29.2
52.5°	70.6	65.4	60.2	55.5	50.9	46.4	42.7	38.9	35.2	32.3	29.5
55°	72.7	67.7	62.5	57.9	53.2	49.3	45.7	42.0	37.9	33.9	29.9
57.5°	75.1	70.1	65.1	60.4	55.7	52.4	49.0	45.0	40.6	36.2	32.0
60°	77.8	72.7	67.8	63.1	59.0	55.8	52.5	48.0	43.1	38.4	33.9
62.5°	80.6	75.5	70.6	65.9	62.5	59.5	55.8	50.8	45.5	40.5	35.7
65°	83.5	78.5	73.6	68.9	66.2	63.4	59.0	53.5	47.8	42.5	37.3
67.5°	86.5	81.5	76.7	72.4	70.2	67.4	62.2	56.0	50.1	44.3	38.9
70°	87.6	83.4	79.1	76.0	74.2	71.2	65.3	58.6	52.4	46.1	40.5
72.5°	87.0	83.1	79.2	76.5	74.8	71.8	66.5	60.4	54.5	47.8	42.1
75°	86.6	83.1	79.4	76.9	74.9	71.4	66.1	60.3	54.2	48.1	42.9
77.5°	86.4	83.2	79.8	77.3	74.9	71.1	66.1	60.4	54.1	48.2	43.2
80°	86.2	83.4	80.2	77.6	75.0	71.1	66.4	60.6	54.2	48.6	43.7
82.5°	86.2	83.8	80.8	78.0	75.1	71.3	66.9	61.1	54.5	49.2	44.5
85°	86.3	84.2	81.4	78.4	75.2	71.6	67.7	61.8	55.1	50.0	45.5
87.5°	86.4	84.7	82.1	78.8	75.4	72.1	68.6	62.6	56.0	51.0	46.7
90°	86.5	85.3	82.9	79.3	75.7	72.7	69.7	63.7	57.1	52.3	48.1
92.5°	86.4	84.7	82.1	78.8	75.4	72.1	68.6	62.6	56.0	51.0	46.7
95°	86.3	84.2	81.4	78.4	75.2	71.6	67.7	61.8	55.1	50.0	45.5
97.5°	86.2	83.8	80.8	78.0	75.1	71.3	66.9	61.1	54.5	49.2	44.5
100°	86.2	83.4	80.2	77.6	75.0	71.1	66.4	60.6	54.2	48.6	43.7
102.5°	86.4	83.2	79.8	77.3	74.9	71.1	66.1	60.4	54.1	48.2	43.2
105°	86.6	83.1	79.4	76.9	74.9	71.4	66.1	60.3	54.2	48.1	42.9
107.5°	87.0	83.1	79.2	76.5	74.8	71.8	66.5	60.4	54.5	47.8	42.1
110°	87.6	83.4	79.1	76.0	74.2	71.2	65.3	58.6	52.4	46.1	40.5



TEST NUMBER: P231909

CATALOG NUMBER: FVS4WM-2-LD4-35-2LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	86.5	81.5	76.7	72.4	70.2	67.4	62.2	56.0	50.1	44.3	38.9
115°	83.5	78.5	73.6	68.9	66.2	63.4	59.0	53.5	47.8	42.5	37.3
117.5°	80.6	75.5	70.6	65.9	62.5	59.5	55.8	50.8	45.5	40.5	35.7
120°	77.8	72.7	67.8	63.1	59.0	55.8	52.5	48.0	43.1	38.4	33.9
122.5°	75.1	70.1	65.1	60.4	55.7	52.4	49.0	45.0	40.6	36.2	32.0
125°	72.7	67.7	62.5	57.9	53.2	49.3	45.7	42.0	37.9	33.9	29.9
127.5°	70.6	65.4	60.2	55.5	50.9	46.4	42.7	38.9	35.2	32.3	29.5
130°	68.9	63.4	58.1	53.3	48.8	44.3	40.5	37.2	34.4	31.7	29.2
132.5°	67.6	61.8	56.2	51.2	47.0	43.1	39.3	36.3	33.5	31.0	28.7
135°	64.9	59.2	53.9	49.4	45.3	41.7	38.2	35.1	32.5	30.1	28.0
137.5°	61.4	56.3	51.6	47.3	43.4	40.1	36.9	34.0	31.4	29.1	27.1
140°	57.5	53.1	48.9	44.9	41.5	38.3	35.4	32.7	30.2	28.0	26.0
142.5°	53.1	49.5	45.8	42.4	39.1	36.3	33.6	31.1	28.7	26.6	24.7
145°	48.2	45.5	42.4	39.4	36.5	33.9	31.6	29.3	27.1	25.1	23.3
147.5°	43.1	40.9	38.5	35.9	33.5	31.2	29.1	27.1	25.2	23.3	21.5
150°	37.8	35.9	34.0	32.0	29.9	28.0	26.1	24.4	22.8	21.3	19.8
152.5°	32.2	30.6	29.1	27.5	25.8	24.2	22.6	21.2	20.3	19.4	18.5
155°	26.3	25.0	23.7	22.5	21.8	21.0	20.3	19.5	18.7	17.9	17.1
157.5°	22.1	21.6	21.0	20.4	19.8	19.1	18.5	17.8	17.0	16.3	15.6
160°	19.8	19.3	18.8	18.3	17.8	17.2	16.6	16.0	15.3	14.7	14.0
162.5°	17.4	17.0	16.6	16.2	15.7	15.2	14.7	14.1	13.6	13.0	12.4
165°	15.1	14.7	14.4	14.0	13.6	13.2	12.7	12.3	11.8	11.3	10.8
167.5°	12.6	12.4	12.1	11.8	11.5	11.1	10.7	10.4	10.0	9.6	9.1
170°	10.2	10.0	9.8	9.5	9.3	9.0	8.7	8.4	8.1	7.8	7.4
172.5°	7.7	7.6	7.4	7.2	7.0	6.8	6.6	6.4	6.2	5.9	5.7
175°	5.3	5.2	5.0	4.9	4.7	4.6	4.5	4.3	4.2	4.0	3.8
177.5°	2.7	2.7	2.6	2.6	2.5	2.4	2.3	2.3	2.2	2.1	2.0
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: P231909

CATALOG NUMBER: FVS4WM-2-LD4-35-2LO-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°	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.2	1.1	0.9	0.8
5°	3.7	3.5	3.3	3.1	2.9	2.7	2.5	2.3	2.1	1.8	1.6
7.5°	5.4	5.1	4.8	4.6	4.3	4.0	3.6	3.3	3.0	2.7	2.4
10°	7.1	6.7	6.3	6.0	5.6	5.2	4.8	4.4	3.9	3.5	3.1
12.5°	8.7	8.3	7.8	7.3	6.8	6.4	5.9	5.3	4.8	4.3	3.8
15°	10.3	9.8	9.2	8.6	8.1	7.5	6.9	6.3	5.7	5.1	4.5
17.5°	11.8	11.2	10.6	9.9	9.3	8.6	7.9	7.2	6.5	5.8	5.1
20°	13.3	12.6	11.9	11.2	10.4	9.7	8.9	8.1	7.3	6.5	5.7
22.5°	14.8	14.0	13.2	12.4	11.5	10.7	9.8	8.9	8.0	7.1	6.2
25°	16.2	15.3	14.4	13.5	12.5	11.5	10.5	9.5	8.6	7.6	6.7
27.5°	17.6	16.5	15.4	14.3	13.3	12.3	11.3	10.3	9.3	8.3	7.2
30°	18.6	17.4	16.3	15.3	14.3	13.2	12.1	11.1	10.0	8.9	7.8
32.5°	19.9	18.6	17.5	16.4	15.2	14.1	12.9	11.8	10.6	9.5	8.3
35°	21.6	20.1	18.7	17.4	16.2	15.0	13.7	12.5	11.3	10.0	8.8
37.5°	23.0	21.4	19.9	18.5	17.1	15.8	14.5	13.2	11.9	10.6	9.3
40°	24.2	22.5	20.9	19.4	18.0	16.7	15.3	13.9	12.5	11.2	9.8
42.5°	25.1	23.3	21.6	20.1	18.6	17.2	16.0	14.6	13.2	11.7	10.2
45°	25.9	24.0	22.2	20.5	18.9	17.6	16.3	15.2	13.6	11.9	10.3
47.5°	26.5	24.4	22.4	20.7	19.1	17.8	16.3	14.9	13.7	12.0	10.3
50°	26.8	24.6	22.5	20.8	19.2	17.5	16.0	14.6	13.3	12.2	10.6
52.5°	26.9	24.5	22.5	20.7	18.8	17.2	15.7	14.5	13.4	12.1	10.7
55°	26.9	24.6	22.4	20.4	18.6	17.0	15.8	14.5	13.1	11.7	10.4
57.5°	28.1	24.6	22.2	20.3	18.6	17.2	15.7	14.1	12.8	11.5	10.2
60°	29.8	26.1	22.9	20.2	18.8	17.1	15.5	14.2	12.9	11.6	10.1
62.5°	31.4	27.5	24.3	21.6	19.1	17.0	15.9	14.5	13.1	11.5	9.8
65°	32.8	28.9	25.5	22.6	19.8	17.9	16.2	14.7	13.1	11.3	9.5
67.5°	34.2	30.2	26.5	23.4	20.8	18.7	16.7	14.9	13.0	11.0	9.1
70°	35.7	31.3	27.4	24.2	21.5	19.1	16.9	14.8	12.7	10.7	8.7
72.5°	37.0	32.2	28.3	25.0	22.0	19.4	17.0	14.3	12.1	10.2	8.3
75°	38.1	33.2	29.3	25.6	22.5	19.6	16.6	13.9	11.5	9.4	7.2
77.5°	38.3	33.7	29.8	26.1	22.9	19.7	16.2	13.4	10.8	8.3	6.1
80°	38.8	34.3	30.2	26.4	22.9	19.5	16.0	12.9	10.1	7.3	4.9
82.5°	39.6	35.1	30.8	26.7	23.1	19.3	15.9	12.6	9.4	6.4	3.8
85°	40.6	36.0	31.5	27.2	23.4	19.4	15.9	12.3	8.8	5.6	3.1
87.5°	41.8	37.2	32.4	27.9	23.9	19.8	16.2	12.3	8.4	5.0	2.6
90°	43.3	38.5	33.6	28.8	24.6	20.4	16.8	12.6	8.4	4.8	2.4
92.5°	41.8	37.2	32.4	27.9	23.9	19.8	16.2	12.3	8.4	5.0	2.6
95°	40.6	36.0	31.5	27.2	23.4	19.4	15.9	12.3	8.8	5.6	3.1
97.5°	39.6	35.1	30.8	26.7	23.1	19.3	15.9	12.6	9.4	6.4	3.8
100°	38.8	34.3	30.2	26.4	22.9	19.5	16.0	12.9	10.1	7.3	4.9
102.5°	38.3	33.7	29.8	26.1	22.9	19.7	16.2	13.4	10.8	8.3	6.1
105°	38.1	33.2	29.3	25.6	22.5	19.6	16.6	13.9	11.5	9.4	7.2
107.5°	37.0	32.2	28.3	25.0	22.0	19.4	17.0	14.3	12.1	10.2	8.3
110°	35.7	31.3	27.4	24.2	21.5	19.1	16.9	14.8	12.7	10.7	8.7



TEST NUMBER: P231909

CATALOG NUMBER: FVS4WM-2-LD4-35-2LO-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°	34.2	30.2	26.5	23.4	20.8	18.7	16.7	14.9	13.0	11.0	9.1
115°	32.8	28.9	25.5	22.6	19.8	17.9	16.2	14.7	13.1	11.3	9.5
117.5°	31.4	27.5	24.3	21.6	19.1	17.0	15.9	14.5	13.1	11.5	9.8
120°	29.8	26.1	22.9	20.2	18.8	17.1	15.5	14.2	12.9	11.6	10.1
122.5°	28.1	24.6	22.2	20.3	18.6	17.2	15.7	14.1	12.8	11.5	10.2
125°	26.9	24.6	22.4	20.4	18.6	17.0	15.8	14.5	13.1	11.7	10.4
127.5°	26.9	24.5	22.5	20.7	18.8	17.2	15.7	14.5	13.4	12.1	10.7
130°	26.8	24.6	22.5	20.8	19.2	17.5	16.0	14.6	13.3	12.2	10.6
132.5°	26.5	24.4	22.4	20.7	19.1	17.8	16.3	14.9	13.7	12.0	10.3
135°	25.9	24.0	22.2	20.5	18.9	17.6	16.3	15.2	13.6	11.9	10.3
137.5°	25.1	23.3	21.6	20.1	18.6	17.2	16.0	14.6	13.2	11.7	10.2
140°	24.2	22.5	20.9	19.4	18.0	16.7	15.3	13.9	12.5	11.2	9.8
142.5°	23.0	21.4	19.9	18.5	17.1	15.8	14.5	13.2	11.9	10.6	9.3
145°	21.6	20.1	18.7	17.4	16.2	15.0	13.7	12.5	11.3	10.0	8.8
147.5°	19.9	18.6	17.5	16.4	15.2	14.1	12.9	11.8	10.6	9.5	8.3
150°	18.6	17.4	16.3	15.3	14.3	13.2	12.1	11.1	10.0	8.9	7.8
152.5°	17.6	16.5	15.4	14.3	13.3	12.3	11.3	10.3	9.3	8.3	7.2
155°	16.2	15.3	14.4	13.5	12.5	11.5	10.5	9.5	8.6	7.6	6.7
157.5°	14.8	14.0	13.2	12.4	11.5	10.7	9.8	8.9	8.0	7.1	6.2
160°	13.3	12.6	11.9	11.2	10.4	9.7	8.9	8.1	7.3	6.5	5.7
162.5°	11.8	11.2	10.6	9.9	9.3	8.6	7.9	7.2	6.5	5.8	5.1
165°	10.3	9.8	9.2	8.6	8.1	7.5	6.9	6.3	5.7	5.1	4.5
167.5°	8.7	8.3	7.8	7.3	6.8	6.4	5.9	5.3	4.8	4.3	3.8
170°	7.1	6.7	6.3	6.0	5.6	5.2	4.8	4.4	3.9	3.5	3.1
172.5°	5.4	5.1	4.8	4.6	4.3	4.0	3.6	3.3	3.0	2.7	2.4
175°	3.7	3.5	3.3	3.1	2.9	2.7	2.5	2.3	2.1	1.8	1.6
177.5°	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.2	1.1	0.9	0.8
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231909

CATALOG NUMBER: FVS4WM-2-LD4-35-2LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	0.7	0.6	0.5	0.4	0.2	0.1	0.0	0.1	0.2	0.4	0.5
5°	1.4	1.2	0.9	0.7	0.5	0.2	0.0	0.2	0.5	0.7	0.9
7.5°	2.0	1.7	1.4	1.0	0.7	0.3	0.0	0.3	0.7	1.0	1.4
10°	2.7	2.2	1.8	1.3	0.9	0.4	0.0	0.4	0.9	1.3	1.8
12.5°	3.3	2.7	2.2	1.6	1.1	0.5	0.0	0.5	1.1	1.6	2.2
15°	3.8	3.2	2.6	1.9	1.3	0.6	0.0	0.6	1.3	1.9	2.6
17.5°	4.4	3.7	2.9	2.2	1.5	0.7	0.0	0.7	1.5	2.2	2.9
20°	4.9	4.1	3.3	2.5	1.6	0.8	0.0	0.8	1.6	2.5	3.3
22.5°	5.3	4.4	3.5	2.7	1.8	0.9	0.0	0.9	1.8	2.7	3.5
25°	5.8	4.8	3.8	2.9	1.9	1.0	0.0	1.0	1.9	2.9	3.8
27.5°	6.2	5.2	4.2	3.1	2.1	1.0	0.0	1.0	2.1	3.1	4.2
30°	6.7	5.6	4.5	3.3	2.2	1.1	0.0	1.1	2.2	3.3	4.5
32.5°	7.1	5.9	4.8	3.6	2.4	1.2	0.0	1.2	2.4	3.6	4.8
35°	7.5	6.3	5.0	3.8	2.5	1.3	0.0	1.3	2.5	3.8	5.0
37.5°	8.0	6.6	5.3	4.0	2.7	1.3	0.0	1.3	2.7	4.0	5.3
40°	8.4	7.0	5.6	4.2	2.8	1.4	0.0	1.4	2.8	4.2	5.6
42.5°	8.7	7.2	5.7	4.2	2.8	1.4	0.0	1.4	2.8	4.2	5.7
45°	8.7	7.2	5.7	4.2	2.8	1.4	0.0	1.4	2.8	4.2	5.7
47.5°	8.8	7.3	5.8	4.4	2.9	1.5	0.0	1.5	2.9	4.4	5.8
50°	9.1	7.4	5.9	4.4	2.9	1.4	0.0	1.4	2.9	4.4	5.9
52.5°	8.9	7.3	5.7	4.2	2.8	1.4	0.0	1.4	2.8	4.2	5.7
55°	8.7	7.2	5.8	4.3	2.9	1.4	0.0	1.4	2.9	4.3	5.8
57.5°	8.9	7.4	5.8	4.4	3.1	1.8	0.6	1.8	3.1	4.4	5.8
60°	8.6	7.1	5.6	4.2	3.0	1.8	0.6	1.8	3.0	4.2	5.6
62.5°	8.2	6.6	5.2	3.9	2.7	1.6	0.6	1.6	2.7	3.9	5.2
65°	7.7	6.1	4.5	3.2	2.2	1.3	0.6	1.3	2.2	3.2	4.5
67.5°	7.2	5.2	3.4	2.4	1.7	1.1	0.6	1.1	1.7	2.4	3.4
70°	6.6	4.6	2.8	1.7	1.1	0.8	0.6	0.8	1.1	1.7	2.8
72.5°	5.9	4.0	2.3	1.0	0.7	0.6	0.6	0.6	0.7	1.0	2.3
75°	5.4	3.5	1.9	0.9	0.6	0.6	0.6	0.6	0.6	0.9	1.9
77.5°	4.4	3.0	1.5	0.7	0.2	0.1	0.0	0.1	0.2	0.7	1.5
80°	3.1	1.6	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
82.5°	1.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	1.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	3.1	1.6	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
102.5°	4.4	3.0	1.5	0.7	0.2	0.1	0.0	0.1	0.2	0.7	1.5
105°	5.4	3.5	1.9	0.9	0.6	0.6	0.6	0.6	0.6	0.9	1.9
107.5°	5.9	4.0	2.3	1.0	0.7	0.6	0.6	0.6	0.7	1.0	2.3
110°	6.6	4.6	2.8	1.7	1.1	0.8	0.6	0.8	1.1	1.7	2.8



TEST NUMBER: P231909

CATALOG NUMBER: FVS4WM-2-LD4-35-2LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	7.2	5.2	3.4	2.4	1.7	1.1	0.6	1.1	1.7	2.4	3.4
115°	7.7	6.1	4.5	3.2	2.2	1.3	0.6	1.3	2.2	3.2	4.5
117.5°	8.2	6.6	5.2	3.9	2.7	1.6	0.6	1.6	2.7	3.9	5.2
120°	8.6	7.1	5.6	4.2	3.0	1.8	0.6	1.8	3.0	4.2	5.6
122.5°	8.9	7.4	5.8	4.4	3.1	1.8	0.6	1.8	3.1	4.4	5.8
125°	8.7	7.2	5.8	4.3	2.9	1.4	0.0	1.4	2.9	4.3	5.8
127.5°	8.9	7.3	5.7	4.2	2.8	1.4	0.0	1.4	2.8	4.2	5.7
130°	9.1	7.4	5.9	4.4	2.9	1.4	0.0	1.4	2.9	4.4	5.9
132.5°	8.8	7.3	5.8	4.4	2.9	1.5	0.0	1.5	2.9	4.4	5.8
135°	8.7	7.2	5.7	4.2	2.8	1.4	0.0	1.4	2.8	4.2	5.7
137.5°	8.7	7.2	5.7	4.2	2.8	1.4	0.0	1.4	2.8	4.2	5.7
140°	8.4	7.0	5.6	4.2	2.8	1.4	0.0	1.4	2.8	4.2	5.6
142.5°	8.0	6.6	5.3	4.0	2.7	1.3	0.0	1.3	2.7	4.0	5.3
145°	7.5	6.3	5.0	3.8	2.5	1.3	0.0	1.3	2.5	3.8	5.0
147.5°	7.1	5.9	4.8	3.6	2.4	1.2	0.0	1.2	2.4	3.6	4.8
150°	6.7	5.6	4.5	3.3	2.2	1.1	0.0	1.1	2.2	3.3	4.5
152.5°	6.2	5.2	4.2	3.1	2.1	1.0	0.0	1.0	2.1	3.1	4.2
155°	5.8	4.8	3.8	2.9	1.9	1.0	0.0	1.0	1.9	2.9	3.8
157.5°	5.3	4.4	3.5	2.7	1.8	0.9	0.0	0.9	1.8	2.7	3.5
160°	4.9	4.1	3.3	2.5	1.6	0.8	0.0	0.8	1.6	2.5	3.3
162.5°	4.4	3.7	2.9	2.2	1.5	0.7	0.0	0.7	1.5	2.2	2.9
165°	3.8	3.2	2.6	1.9	1.3	0.6	0.0	0.6	1.3	1.9	2.6
167.5°	3.3	2.7	2.2	1.6	1.1	0.5	0.0	0.5	1.1	1.6	2.2
170°	2.7	2.2	1.8	1.3	0.9	0.4	0.0	0.4	0.9	1.3	1.8
172.5°	2.0	1.7	1.4	1.0	0.7	0.3	0.0	0.3	0.7	1.0	1.4
175°	1.4	1.2	0.9	0.7	0.5	0.2	0.0	0.2	0.5	0.7	0.9
177.5°	0.7	0.6	0.5	0.4	0.2	0.1	0.0	0.1	0.2	0.4	0.5
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231909

CATALOG NUMBER: FVS4WM-2-LD4-35-2LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	0.6	0.7	0.8	0.9	1.1	1.2	1.3	1.4	1.5	1.6	1.7
5°	1.2	1.4	1.6	1.8	2.1	2.3	2.5	2.7	2.9	3.1	3.3
7.5°	1.7	2.0	2.4	2.7	3.0	3.3	3.6	4.0	4.3	4.6	4.8
10°	2.2	2.7	3.1	3.5	3.9	4.4	4.8	5.2	5.6	6.0	6.3
12.5°	2.7	3.3	3.8	4.3	4.8	5.3	5.9	6.4	6.8	7.3	7.8
15°	3.2	3.8	4.5	5.1	5.7	6.3	6.9	7.5	8.1	8.6	9.2
17.5°	3.7	4.4	5.1	5.8	6.5	7.2	7.9	8.6	9.3	9.9	10.6
20°	4.1	4.9	5.7	6.5	7.3	8.1	8.9	9.7	10.4	11.2	11.9
22.5°	4.4	5.3	6.2	7.1	8.0	8.9	9.8	10.7	11.5	12.4	13.2
25°	4.8	5.8	6.7	7.6	8.6	9.5	10.5	11.5	12.5	13.5	14.4
27.5°	5.2	6.2	7.2	8.3	9.3	10.3	11.3	12.3	13.3	14.3	15.4
30°	5.6	6.7	7.8	8.9	10.0	11.1	12.1	13.2	14.3	15.3	16.3
32.5°	5.9	7.1	8.3	9.5	10.6	11.8	12.9	14.1	15.2	16.4	17.5
35°	6.3	7.5	8.8	10.0	11.3	12.5	13.7	15.0	16.2	17.4	18.7
37.5°	6.6	8.0	9.3	10.6	11.9	13.2	14.5	15.8	17.1	18.5	19.9
40°	7.0	8.4	9.8	11.2	12.5	13.9	15.3	16.7	18.0	19.4	20.9
42.5°	7.2	8.7	10.2	11.7	13.2	14.6	16.0	17.2	18.6	20.1	21.6
45°	7.2	8.7	10.3	11.9	13.6	15.2	16.3	17.6	18.9	20.5	22.2
47.5°	7.3	8.8	10.3	12.0	13.7	14.9	16.3	17.8	19.1	20.7	22.4
50°	7.4	9.1	10.6	12.2	13.3	14.6	16.0	17.5	19.2	20.8	22.5
52.5°	7.3	8.9	10.7	12.1	13.4	14.5	15.7	17.2	18.8	20.7	22.5
55°	7.2	8.7	10.4	11.7	13.1	14.5	15.8	17.0	18.6	20.4	22.4
57.5°	7.4	8.9	10.2	11.5	12.8	14.1	15.7	17.2	18.6	20.3	22.2
60°	7.1	8.6	10.1	11.6	12.9	14.2	15.5	17.1	18.8	20.2	22.9
62.5°	6.6	8.2	9.8	11.5	13.1	14.5	15.9	17.0	19.1	21.6	24.3
65°	6.1	7.7	9.5	11.3	13.1	14.7	16.2	17.9	19.8	22.6	25.5
67.5°	5.2	7.2	9.1	11.0	13.0	14.9	16.7	18.7	20.8	23.4	26.5
70°	4.6	6.6	8.7	10.7	12.7	14.8	16.9	19.1	21.5	24.2	27.4
72.5°	4.0	5.9	8.3	10.2	12.1	14.3	17.0	19.4	22.0	25.0	28.3
75°	3.5	5.4	7.2	9.4	11.5	13.9	16.6	19.6	22.5	25.6	29.3
77.5°	3.0	4.4	6.1	8.3	10.8	13.4	16.2	19.7	22.9	26.1	29.8
80°	1.6	3.1	4.9	7.3	10.1	12.9	16.0	19.5	22.9	26.4	30.2
82.5°	0.4	1.8	3.8	6.4	9.4	12.6	15.9	19.3	23.1	26.7	30.8
85°	0.0	0.8	3.1	5.6	8.8	12.3	15.9	19.4	23.4	27.2	31.5
87.5°	0.0	0.2	2.6	5.0	8.4	12.3	16.2	19.8	23.9	27.9	32.4
90°	0.0	0.0	2.4	4.8	8.4	12.6	16.8	20.4	24.6	28.8	33.6
92.5°	0.0	0.2	2.6	5.0	8.4	12.3	16.2	19.8	23.9	27.9	32.4
95°	0.0	0.8	3.1	5.6	8.8	12.3	15.9	19.4	23.4	27.2	31.5
97.5°	0.4	1.8	3.8	6.4	9.4	12.6	15.9	19.3	23.1	26.7	30.8
100°	1.6	3.1	4.9	7.3	10.1	12.9	16.0	19.5	22.9	26.4	30.2
102.5°	3.0	4.4	6.1	8.3	10.8	13.4	16.2	19.7	22.9	26.1	29.8
105°	3.5	5.4	7.2	9.4	11.5	13.9	16.6	19.6	22.5	25.6	29.3
107.5°	4.0	5.9	8.3	10.2	12.1	14.3	17.0	19.4	22.0	25.0	28.3
110°	4.6	6.6	8.7	10.7	12.7	14.8	16.9	19.1	21.5	24.2	27.4



TEST NUMBER: P231909

CATALOG NUMBER: FVS4WM-2-LD4-35-2LO-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°	5.2	7.2	9.1	11.0	13.0	14.9	16.7	18.7	20.8	23.4	26.5
115°	6.1	7.7	9.5	11.3	13.1	14.7	16.2	17.9	19.8	22.6	25.5
117.5°	6.6	8.2	9.8	11.5	13.1	14.5	15.9	17.0	19.1	21.6	24.3
120°	7.1	8.6	10.1	11.6	12.9	14.2	15.5	17.1	18.8	20.2	22.9
122.5°	7.4	8.9	10.2	11.5	12.8	14.1	15.7	17.2	18.6	20.3	22.2
125°	7.2	8.7	10.4	11.7	13.1	14.5	15.8	17.0	18.6	20.4	22.4
127.5°	7.3	8.9	10.7	12.1	13.4	14.5	15.7	17.2	18.8	20.7	22.5
130°	7.4	9.1	10.6	12.2	13.3	14.6	16.0	17.5	19.2	20.8	22.5
132.5°	7.3	8.8	10.3	12.0	13.7	14.9	16.3	17.8	19.1	20.7	22.4
135°	7.2	8.7	10.3	11.9	13.6	15.2	16.3	17.6	18.9	20.5	22.2
137.5°	7.2	8.7	10.2	11.7	13.2	14.6	16.0	17.2	18.6	20.1	21.6
140°	7.0	8.4	9.8	11.2	12.5	13.9	15.3	16.7	18.0	19.4	20.9
142.5°	6.6	8.0	9.3	10.6	11.9	13.2	14.5	15.8	17.1	18.5	19.9
145°	6.3	7.5	8.8	10.0	11.3	12.5	13.7	15.0	16.2	17.4	18.7
147.5°	5.9	7.1	8.3	9.5	10.6	11.8	12.9	14.1	15.2	16.4	17.5
150°	5.6	6.7	7.8	8.9	10.0	11.1	12.1	13.2	14.3	15.3	16.3
152.5°	5.2	6.2	7.2	8.3	9.3	10.3	11.3	12.3	13.3	14.3	15.4
155°	4.8	5.8	6.7	7.6	8.6	9.5	10.5	11.5	12.5	13.5	14.4
157.5°	4.4	5.3	6.2	7.1	8.0	8.9	9.8	10.7	11.5	12.4	13.2
160°	4.1	4.9	5.7	6.5	7.3	8.1	8.9	9.7	10.4	11.2	11.9
162.5°	3.7	4.4	5.1	5.8	6.5	7.2	7.9	8.6	9.3	9.9	10.6
165°	3.2	3.8	4.5	5.1	5.7	6.3	6.9	7.5	8.1	8.6	9.2
167.5°	2.7	3.3	3.8	4.3	4.8	5.3	5.9	6.4	6.8	7.3	7.8
170°	2.2	2.7	3.1	3.5	3.9	4.4	4.8	5.2	5.6	6.0	6.3
172.5°	1.7	2.0	2.4	2.7	3.0	3.3	3.6	4.0	4.3	4.6	4.8
175°	1.2	1.4	1.6	1.8	2.1	2.3	2.5	2.7	2.9	3.1	3.3
177.5°	0.6	0.7	0.8	0.9	1.1	1.2	1.3	1.4	1.5	1.6	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: P231909

CATALOG NUMBER: FVS4WM-2-LD4-35-2LO-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°	1.8	1.9	2.0	2.1	2.2	2.3	2.3	2.4	2.5	2.6	2.6
5°	3.5	3.7	3.8	4.0	4.2	4.3	4.5	4.6	4.7	4.9	5.0
7.5°	5.1	5.4	5.7	5.9	6.2	6.4	6.6	6.8	7.0	7.2	7.4
10°	6.7	7.1	7.4	7.8	8.1	8.4	8.7	9.0	9.3	9.5	9.8
12.5°	8.3	8.7	9.1	9.6	10.0	10.4	10.7	11.1	11.5	11.8	12.1
15°	9.8	10.3	10.8	11.3	11.8	12.3	12.7	13.2	13.6	14.0	14.4
17.5°	11.2	11.8	12.4	13.0	13.6	14.1	14.7	15.2	15.7	16.2	16.6
20°	12.6	13.3	14.0	14.7	15.3	16.0	16.6	17.2	17.8	18.3	18.8
22.5°	14.0	14.8	15.6	16.3	17.0	17.8	18.5	19.1	19.8	20.4	21.0
25°	15.3	16.2	17.1	17.9	18.7	19.5	20.3	21.0	21.8	22.5	23.7
27.5°	16.5	17.6	18.5	19.4	20.3	21.2	22.6	24.2	25.8	27.5	29.1
30°	17.4	18.6	19.8	21.3	22.8	24.4	26.1	28.0	29.9	32.0	34.0
32.5°	18.6	19.9	21.5	23.3	25.2	27.1	29.1	31.2	33.5	35.9	38.5
35°	20.1	21.6	23.3	25.1	27.1	29.3	31.6	33.9	36.5	39.4	42.4
37.5°	21.4	23.0	24.7	26.6	28.7	31.1	33.6	36.3	39.1	42.4	45.8
40°	22.5	24.2	26.0	28.0	30.2	32.7	35.4	38.3	41.5	44.9	48.9
42.5°	23.3	25.1	27.1	29.1	31.4	34.0	36.9	40.1	43.4	47.3	51.6
45°	24.0	25.9	28.0	30.1	32.5	35.1	38.2	41.7	45.3	49.4	53.9
47.5°	24.4	26.5	28.7	31.0	33.5	36.3	39.3	43.1	47.0	51.2	56.2
50°	24.6	26.8	29.2	31.7	34.4	37.2	40.5	44.3	48.8	53.3	58.1
52.5°	24.5	26.9	29.5	32.3	35.2	38.9	42.7	46.4	50.9	55.5	60.2
55°	24.6	26.9	29.9	33.9	37.9	42.0	45.7	49.3	53.2	57.9	62.5
57.5°	24.6	28.1	32.0	36.2	40.6	45.0	49.0	52.4	55.7	60.4	65.1
60°	26.1	29.8	33.9	38.4	43.1	48.0	52.5	55.8	59.0	63.1	67.8
62.5°	27.5	31.4	35.7	40.5	45.5	50.8	55.8	59.5	62.5	65.9	70.6
65°	28.9	32.8	37.3	42.5	47.8	53.5	59.0	63.4	66.2	68.9	73.6
67.5°	30.2	34.2	38.9	44.3	50.1	56.0	62.2	67.4	70.2	72.4	76.7
70°	31.3	35.7	40.5	46.1	52.4	58.6	65.3	71.2	74.2	76.0	79.1
72.5°	32.2	37.0	42.1	47.8	54.5	60.4	66.5	71.8	74.8	76.5	79.2
75°	33.2	38.1	42.9	48.1	54.2	60.3	66.1	71.4	74.9	76.9	79.4
77.5°	33.7	38.3	43.2	48.2	54.1	60.4	66.1	71.1	74.9	77.3	79.8
80°	34.3	38.8	43.7	48.6	54.2	60.6	66.4	71.1	75.0	77.6	80.2
82.5°	35.1	39.6	44.5	49.2	54.5	61.1	66.9	71.3	75.1	78.0	80.8
85°	36.0	40.6	45.5	50.0	55.1	61.8	67.7	71.6	75.2	78.4	81.4
87.5°	37.2	41.8	46.7	51.0	56.0	62.6	68.6	72.1	75.4	78.8	82.1
90°	38.5	43.3	48.1	52.3	57.1	63.7	69.7	72.7	75.7	79.3	82.9
92.5°	37.2	41.8	46.7	51.0	56.0	62.6	68.6	72.1	75.4	78.8	82.1
95°	36.0	40.6	45.5	50.0	55.1	61.8	67.7	71.6	75.2	78.4	81.4
97.5°	35.1	39.6	44.5	49.2	54.5	61.1	66.9	71.3	75.1	78.0	80.8
100°	34.3	38.8	43.7	48.6	54.2	60.6	66.4	71.1	75.0	77.6	80.2
102.5°	33.7	38.3	43.2	48.2	54.1	60.4	66.1	71.1	74.9	77.3	79.8
105°	33.2	38.1	42.9	48.1	54.2	60.3	66.1	71.4	74.9	76.9	79.4
107.5°	32.2	37.0	42.1	47.8	54.5	60.4	66.5	71.8	74.8	76.5	79.2
110°	31.3	35.7	40.5	46.1	52.4	58.6	65.3	71.2	74.2	76.0	79.1



TEST NUMBER: P231909

CATALOG NUMBER: FVS4WM-2-LD4-35-2LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	30.2	34.2	38.9	44.3	50.1	56.0	62.2	67.4	70.2	72.4	76.7
115°	28.9	32.8	37.3	42.5	47.8	53.5	59.0	63.4	66.2	68.9	73.6
117.5°	27.5	31.4	35.7	40.5	45.5	50.8	55.8	59.5	62.5	65.9	70.6
120°	26.1	29.8	33.9	38.4	43.1	48.0	52.5	55.8	59.0	63.1	67.8
122.5°	24.6	28.1	32.0	36.2	40.6	45.0	49.0	52.4	55.7	60.4	65.1
125°	24.6	26.9	29.9	33.9	37.9	42.0	45.7	49.3	53.2	57.9	62.5
127.5°	24.5	26.9	29.5	32.3	35.2	38.9	42.7	46.4	50.9	55.5	60.2
130°	24.6	26.8	29.2	31.7	34.4	37.2	40.5	44.3	48.8	53.3	58.1
132.5°	24.4	26.5	28.7	31.0	33.5	36.3	39.3	43.1	47.0	51.2	56.2
135°	24.0	25.9	28.0	30.1	32.5	35.1	38.2	41.7	45.3	49.4	53.9
137.5°	23.3	25.1	27.1	29.1	31.4	34.0	36.9	40.1	43.4	47.3	51.6
140°	22.5	24.2	26.0	28.0	30.2	32.7	35.4	38.3	41.5	44.9	48.9
142.5°	21.4	23.0	24.7	26.6	28.7	31.1	33.6	36.3	39.1	42.4	45.8
145°	20.1	21.6	23.3	25.1	27.1	29.3	31.6	33.9	36.5	39.4	42.4
147.5°	18.6	19.9	21.5	23.3	25.2	27.1	29.1	31.2	33.5	35.9	38.5
150°	17.4	18.6	19.8	21.3	22.8	24.4	26.1	28.0	29.9	32.0	34.0
152.5°	16.5	17.6	18.5	19.4	20.3	21.2	22.6	24.2	25.8	27.5	29.1
155°	15.3	16.2	17.1	17.9	18.7	19.5	20.3	21.0	21.8	22.5	23.7
157.5°	14.0	14.8	15.6	16.3	17.0	17.8	18.5	19.1	19.8	20.4	21.0
160°	12.6	13.3	14.0	14.7	15.3	16.0	16.6	17.2	17.8	18.3	18.8
162.5°	11.2	11.8	12.4	13.0	13.6	14.1	14.7	15.2	15.7	16.2	16.6
165°	9.8	10.3	10.8	11.3	11.8	12.3	12.7	13.2	13.6	14.0	14.4
167.5°	8.3	8.7	9.1	9.6	10.0	10.4	10.7	11.1	11.5	11.8	12.1
170°	6.7	7.1	7.4	7.8	8.1	8.4	8.7	9.0	9.3	9.5	9.8
172.5°	5.1	5.4	5.7	5.9	6.2	6.4	6.6	6.8	7.0	7.2	7.4
175°	3.5	3.7	3.8	4.0	4.2	4.3	4.5	4.6	4.7	4.9	5.0
177.5°	1.8	1.9	2.0	2.1	2.2	2.3	2.3	2.4	2.5	2.6	2.6
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231909

CATALOG NUMBER: FVS4WM-2-LD4-35-2LO-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°	2.7	2.7	2.8	2.8	2.9	2.9	2.9	3.0	3.0	3.0	3.4
5°	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.9	5.9	6.0	6.8
7.5°	7.6	7.7	7.9	8.1	8.3	8.5	8.6	8.8	8.9	9.0	10.1
10°	10.0	10.2	10.4	10.6	10.8	11.1	11.3	11.6	11.8	12.0	13.5
12.5°	12.4	12.6	12.9	13.1	13.3	13.6	14.0	14.4	14.7	15.0	16.8
15°	14.7	15.1	15.4	15.7	15.9	16.2	16.6	17.1	17.6	18.0	20.1
17.5°	17.0	17.4	17.8	18.2	18.5	18.8	19.2	19.8	20.4	21.0	23.4
20°	19.3	19.8	20.2	20.7	21.0	21.4	21.7	22.5	23.3	24.0	26.7
22.5°	21.6	22.1	22.6	23.1	23.5	24.0	24.3	25.1	26.1	27.0	30.0
25°	25.0	26.3	27.5	28.7	29.8	30.8	31.8	32.9	34.4	35.7	39.1
27.5°	30.6	32.2	33.8	35.3	36.8	38.2	39.4	40.8	42.7	44.5	48.2
30°	35.9	37.8	39.8	41.7	43.6	45.3	47.0	48.5	51.0	53.2	57.4
32.5°	40.9	43.1	45.4	47.9	50.1	52.3	54.4	56.4	59.2	62.0	66.5
35°	45.5	48.2	50.8	53.7	56.5	59.2	61.7	64.1	67.3	70.7	75.7
37.5°	49.5	53.1	56.1	59.3	62.8	65.9	68.9	71.8	75.5	79.5	84.9
40°	53.1	57.5	61.1	64.7	68.7	72.4	76.0	79.4	83.6	88.2	94.1
42.5°	56.3	61.4	66.0	70.0	74.5	78.8	83.1	87.0	91.6	97.0	103.3
45°	59.2	64.9	70.7	75.1	80.1	85.1	89.9	94.5	99.7	105.7	112.5
47.5°	61.8	67.6	73.5	78.0	82.6	87.8	93.0	98.3	104.4	111.6	119.5
50°	63.4	68.9	74.6	79.5	84.0	89.5	95.5	101.8	109.0	117.6	126.6
52.5°	65.4	70.6	76.0	81.1	85.4	91.3	98.0	105.3	113.5	123.5	133.7
55°	67.7	72.7	77.7	82.8	87.0	93.0	100.3	108.6	118.0	129.5	140.8
57.5°	70.1	75.1	79.7	84.5	88.8	94.8	102.6	111.9	122.4	135.4	148.0
60°	72.7	77.8	82.1	86.4	90.7	96.5	104.8	115.1	126.8	141.4	155.2
62.5°	75.5	80.6	84.5	88.4	92.6	98.3	106.9	118.2	131.1	147.3	162.4
65°	78.5	83.5	87.2	90.7	94.6	100.1	109.0	121.3	135.5	153.3	169.6
67.5°	81.5	86.5	90.1	93.1	96.6	102.0	111.1	124.4	139.8	159.2	176.9
70°	83.4	87.6	90.8	93.2	96.4	101.6	110.4	123.5	138.9	158.9	177.7
72.5°	83.1	87.0	90.1	92.3	95.6	100.9	109.5	122.7	138.0	158.5	178.4
75°	83.1	86.6	89.5	91.5	94.9	100.2	108.7	121.9	137.1	158.2	179.8
77.5°	83.2	86.4	88.9	90.7	94.1	99.7	108.0	121.1	136.3	157.9	180.3
80°	83.4	86.2	88.3	89.9	93.3	99.2	107.4	120.5	135.5	157.5	180.7
82.5°	83.8	86.2	87.8	89.1	92.6	98.8	106.8	119.9	134.8	157.2	181.2
85°	84.2	86.3	87.4	88.4	91.9	98.4	106.4	119.3	134.1	156.9	181.7
87.5°	84.7	86.4	86.9	87.7	91.3	98.1	106.0	118.8	133.4	156.5	182.1
90°	85.3	86.5	86.5	87.1	90.7	97.9	105.7	118.4	132.8	156.2	182.6
92.5°	84.7	86.4	86.9	87.7	91.3	98.1	106.0	118.8	133.4	156.5	182.1
95°	84.2	86.3	87.4	88.4	91.9	98.4	106.4	119.3	134.1	156.9	181.7
97.5°	83.8	86.2	87.8	89.1	92.6	98.8	106.8	119.9	134.8	157.2	181.2
100°	83.4	86.2	88.3	89.9	93.3	99.2	107.4	120.5	135.5	157.5	180.7
102.5°	83.2	86.4	88.9	90.7	94.1	99.7	108.0	121.1	136.3	157.9	180.3
105°	83.1	86.6	89.5	91.5	94.9	100.2	108.7	121.9	137.1	158.2	179.8
107.5°	83.1	87.0	90.1	92.3	95.6	100.9	109.5	122.7	138.0	158.5	178.4
110°	83.4	87.6	90.8	93.2	96.4	101.6	110.4	123.5	138.9	158.9	177.7



TEST NUMBER: P231909

CATALOG NUMBER: FVS4WM-2-LD4-35-2LO-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°	81.5	86.5	90.1	93.1	96.6	102.0	111.1	124.4	139.8	159.2	176.9
115°	78.5	83.5	87.2	90.7	94.6	100.1	109.0	121.3	135.5	153.3	169.6
117.5°	75.5	80.6	84.5	88.4	92.6	98.3	106.9	118.2	131.1	147.3	162.4
120°	72.7	77.8	82.1	86.4	90.7	96.5	104.8	115.1	126.8	141.4	155.2
122.5°	70.1	75.1	79.7	84.5	88.8	94.8	102.6	111.9	122.4	135.4	148.0
125°	67.7	72.7	77.7	82.8	87.0	93.0	100.3	108.6	118.0	129.5	140.8
127.5°	65.4	70.6	76.0	81.1	85.4	91.3	98.0	105.3	113.5	123.5	133.7
130°	63.4	68.9	74.6	79.5	84.0	89.5	95.5	101.8	109.0	117.6	126.6
132.5°	61.8	67.6	73.5	78.0	82.6	87.8	93.0	98.3	104.4	111.6	119.5
135°	59.2	64.9	70.7	75.1	80.1	85.1	89.9	94.5	99.7	105.7	112.5
137.5°	56.3	61.4	66.0	70.0	74.5	78.8	83.1	87.0	91.6	97.0	103.3
140°	53.1	57.5	61.1	64.7	68.7	72.4	76.0	79.4	83.6	88.2	94.1
142.5°	49.5	53.1	56.1	59.3	62.8	65.9	68.9	71.8	75.5	79.5	84.9
145°	45.5	48.2	50.8	53.7	56.5	59.2	61.7	64.1	67.3	70.7	75.7
147.5°	40.9	43.1	45.4	47.9	50.1	52.3	54.4	56.4	59.2	62.0	66.5
150°	35.9	37.8	39.8	41.7	43.6	45.3	47.0	48.5	51.0	53.2	57.4
152.5°	30.6	32.2	33.8	35.3	36.8	38.2	39.4	40.8	42.7	44.5	48.2
155°	25.0	26.3	27.5	28.7	29.8	30.8	31.8	32.9	34.4	35.7	39.1
157.5°	21.6	22.1	22.6	23.1	23.5	24.0	24.3	25.1	26.1	27.0	30.0
160°	19.3	19.8	20.2	20.7	21.0	21.4	21.7	22.5	23.3	24.0	26.7
162.5°	17.0	17.4	17.8	18.2	18.5	18.8	19.2	19.8	20.4	21.0	23.4
165°	14.7	15.1	15.4	15.7	15.9	16.2	16.6	17.1	17.6	18.0	20.1
167.5°	12.4	12.6	12.9	13.1	13.3	13.6	14.0	14.4	14.7	15.0	16.8
170°	10.0	10.2	10.4	10.6	10.8	11.1	11.3	11.6	11.8	12.0	13.5
172.5°	7.6	7.7	7.9	8.1	8.3	8.5	8.6	8.8	8.9	9.0	10.1
175°	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.9	5.9	6.0	6.8
177.5°	2.7	2.7	2.8	2.8	2.9	2.9	2.9	3.0	3.0	3.0	3.4
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: P231909

CATALOG NUMBER: FVS4WM-2-LD4-35-2LO-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°	3.8	4.1	4.5	4.8	5.2	5.5	5.9	6.2	6.5	6.8	7.0
5°	7.5	8.2	8.9	9.6	10.3	11.0	11.6	12.2	12.8	13.4	14.0
7.5°	11.2	12.3	13.3	14.4	15.4	16.3	17.4	18.7	20.0	21.3	22.5
10°	14.9	16.3	17.7	19.0	20.4	22.3	24.0	25.8	27.5	29.1	30.8
12.5°	18.5	20.3	22.0	23.8	26.1	28.3	30.4	32.5	34.4	36.0	37.5
15°	22.2	24.2	26.3	28.9	31.5	34.1	36.5	38.6	40.7	42.6	44.7
17.5°	25.8	28.1	30.9	33.8	36.7	39.5	42.2	44.7	47.1	49.6	52.1
20°	29.3	32.0	35.3	38.5	41.7	44.9	48.0	51.0	54.1	57.1	59.9
22.5°	32.9	36.0	39.6	43.0	46.7	50.4	54.0	57.7	61.2	64.6	67.6
25°	42.2	45.6	49.1	52.5	56.1	59.5	62.9	66.2	69.3	72.1	75.5
27.5°	51.8	55.6	59.3	63.2	66.9	70.7	74.4	77.9	81.1	84.0	86.7
30°	61.3	65.5	69.6	73.6	77.8	81.7	85.7	89.3	92.7	95.8	98.6
32.5°	70.9	75.4	79.7	84.0	88.2	92.6	96.7	100.5	104.0	107.2	109.3
35°	80.5	85.2	89.7	94.1	98.8	103.6	107.5	111.5	115.0	117.8	118.8
37.5°	90.1	95.0	99.7	104.2	109.1	113.8	118.2	122.2	126.1	127.0	127.8
40°	99.6	104.7	109.5	114.3	119.3	124.2	128.7	132.6	135.0	135.9	135.7
42.5°	109.0	114.3	119.1	124.2	129.4	134.4	138.8	142.8	143.7	144.0	143.5
45°	118.5	123.9	128.7	134.0	139.3	144.4	148.7	151.4	152.1	151.8	151.3
47.5°	126.7	133.3	139.7	146.3	152.4	157.6	161.0	160.8	160.0	159.6	159.0
50°	134.9	143.1	151.5	160.2	168.4	175.2	180.1	181.0	180.5	177.8	173.1
52.5°	143.2	153.2	163.8	174.6	185.1	193.6	199.6	202.6	204.8	203.5	199.6
55°	151.7	163.6	176.5	189.6	202.4	212.8	220.1	225.9	230.7	230.5	225.5
57.5°	160.2	174.3	189.6	205.1	220.3	232.5	241.7	250.9	257.1	257.2	250.7
60°	168.9	185.2	202.9	221.0	238.4	252.8	264.1	277.4	284.6	282.8	274.7
62.5°	177.5	196.3	216.5	237.3	256.9	273.4	287.7	305.3	312.9	307.9	297.2
65°	186.3	207.5	230.4	253.9	275.8	294.5	312.8	332.8	341.9	332.6	318.2
67.5°	195.0	218.9	244.4	270.8	294.9	316.1	338.7	360.3	367.4	356.0	338.0
70°	197.1	221.6	247.5	275.5	301.5	325.9	354.0	379.3	387.7	376.9	359.7
72.5°	198.9	223.4	248.7	276.9	303.0	328.2	358.1	383.8	392.7	385.6	374.9
75°	200.7	225.1	249.6	278.1	304.2	330.4	361.8	388.6	399.2	396.6	389.5
77.5°	202.5	226.5	250.3	279.0	305.2	332.3	365.1	393.6	407.0	409.6	404.2
80°	204.9	227.8	250.6	279.5	305.8	333.9	367.8	398.6	415.8	424.0	418.9
82.5°	206.3	229.5	251.5	279.8	306.1	335.3	370.1	403.5	425.2	439.5	433.8
85°	207.6	230.1	251.0	280.3	306.7	337.1	373.0	409.4	434.8	455.6	448.8
87.5°	209.0	230.7	250.4	279.6	306.0	337.1	373.3	412.6	444.8	472.2	463.9
90°	210.3	231.3	249.9	278.8	305.2	337.1	373.7	415.8	453.6	487.9	479.4
92.5°	209.0	230.7	250.4	279.6	306.0	337.1	373.3	412.6	444.8	472.2	463.9
95°	207.6	230.1	251.0	280.3	306.7	337.1	373.0	409.4	434.8	455.6	448.8
97.5°	206.3	229.5	251.5	279.8	306.1	335.3	370.1	403.5	425.2	439.5	433.8
100°	204.9	227.8	250.6	279.5	305.8	333.9	367.8	398.6	415.8	424.0	418.9
102.5°	202.5	226.5	250.3	279.0	305.2	332.3	365.1	393.6	407.0	409.6	404.2
105°	200.7	225.1	249.6	278.1	304.2	330.4	361.8	388.6	399.2	396.6	389.5
107.5°	198.9	223.4	248.7	276.9	303.0	328.2	358.1	383.8	392.7	385.6	374.9
110°	197.1	221.6	247.5	275.5	301.5	325.9	354.0	379.3	387.7	376.9	359.7



TEST NUMBER: P231909

CATALOG NUMBER: FVS4WM-2-LD4-35-2LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	195.0	218.9	244.4	270.8	294.9	316.1	338.7	360.3	367.4	356.0	338.0
115°	186.3	207.5	230.4	253.9	275.8	294.5	312.8	332.8	341.9	332.6	318.2
117.5°	177.5	196.3	216.5	237.3	256.9	273.4	287.7	305.3	312.9	307.9	297.2
120°	168.9	185.2	202.9	221.0	238.4	252.8	264.1	277.4	284.6	282.8	274.7
122.5°	160.2	174.3	189.6	205.1	220.3	232.5	241.7	250.9	257.1	257.2	250.7
125°	151.7	163.6	176.5	189.6	202.4	212.8	220.1	225.9	230.7	230.5	225.5
127.5°	143.2	153.2	163.8	174.6	185.1	193.6	199.6	202.6	204.8	203.5	199.6
130°	134.9	143.1	151.5	160.2	168.4	175.2	180.1	181.0	180.5	177.8	173.1
132.5°	126.7	133.3	139.7	146.3	152.4	157.6	161.0	160.8	160.0	159.6	159.0
135°	118.5	123.9	128.7	134.0	139.3	144.4	148.7	151.4	152.1	151.8	151.3
137.5°	109.0	114.3	119.1	124.2	129.4	134.4	138.8	142.8	143.7	144.0	143.5
140°	99.6	104.7	109.5	114.3	119.3	124.2	128.7	132.6	135.0	135.9	135.7
142.5°	90.1	95.0	99.7	104.2	109.1	113.8	118.2	122.2	126.1	127.0	127.8
145°	80.5	85.2	89.7	94.1	98.8	103.6	107.5	111.5	115.0	117.8	118.8
147.5°	70.9	75.4	79.7	84.0	88.2	92.6	96.7	100.5	104.0	107.2	109.3
150°	61.3	65.5	69.6	73.6	77.8	81.7	85.7	89.3	92.7	95.8	98.6
152.5°	51.8	55.6	59.3	63.2	66.9	70.7	74.4	77.9	81.1	84.0	86.7
155°	42.2	45.6	49.1	52.5	56.1	59.5	62.9	66.2	69.3	72.1	75.5
157.5°	32.9	36.0	39.6	43.0	46.7	50.4	54.0	57.7	61.2	64.6	67.6
160°	29.3	32.0	35.3	38.5	41.7	44.9	48.0	51.0	54.1	57.1	59.9
162.5°	25.8	28.1	30.9	33.8	36.7	39.5	42.2	44.7	47.1	49.6	52.1
165°	22.2	24.2	26.3	28.9	31.5	34.1	36.5	38.6	40.7	42.6	44.7
167.5°	18.5	20.3	22.0	23.8	26.1	28.3	30.4	32.5	34.4	36.0	37.5
170°	14.9	16.3	17.7	19.0	20.4	22.3	24.0	25.8	27.5	29.1	30.8
172.5°	11.2	12.3	13.3	14.4	15.4	16.3	17.4	18.7	20.0	21.3	22.5
175°	7.5	8.2	8.9	9.6	10.3	11.0	11.6	12.2	12.8	13.4	14.0
177.5°	3.8	4.1	4.5	4.8	5.2	5.5	5.9	6.2	6.5	6.8	7.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231909

CATALOG NUMBER: FVS4WM-2-LD4-35-2LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	7.3	7.6	7.8	8.0	8.2	8.4	8.6	8.8	8.9	9.0	9.1
5°	14.8	15.5	16.3	17.0	17.7	18.3	18.9	19.4	20.0	20.4	20.9
7.5°	23.7	24.8	25.9	27.0	27.9	28.5	29.0	29.5	29.9	30.3	30.6
10°	31.8	32.9	33.9	34.8	35.6	36.4	37.1	37.8	38.5	39.1	39.6
12.5°	38.9	40.2	41.5	42.8	44.1	45.2	46.3	47.2	48.1	48.7	49.2
15°	46.4	48.2	50.0	51.6	53.1	54.3	55.4	56.3	57.1	57.9	58.4
17.5°	54.4	56.9	58.4	60.2	61.7	63.1	64.4	65.5	66.5	67.3	67.9
20°	62.4	64.7	66.9	68.9	70.7	72.3	73.8	75.0	76.1	77.0	77.8
22.5°	70.5	73.1	75.6	77.9	80.1	81.4	82.8	84.0	85.2	86.2	87.2
25°	78.8	81.8	85.0	86.4	88.0	89.6	90.6	91.6	92.8	94.1	95.5
27.5°	89.3	91.1	92.0	93.8	94.7	95.5	96.7	97.8	99.3	100.9	103.1
30°	100.5	101.4	101.9	101.2	100.3	100.3	101.6	103.2	105.9	108.7	111.8
32.5°	110.3	110.7	110.0	109.3	108.8	108.3	108.6	109.6	112.9	117.5	122.0
35°	119.3	118.7	118.2	117.8	117.6	118.4	119.0	121.3	123.2	128.0	135.5
37.5°	127.3	126.8	126.4	126.6	127.5	129.3	132.1	135.4	140.4	145.5	151.3
40°	135.2	134.9	135.1	136.2	138.7	142.1	147.3	153.2	160.3	167.8	175.7
42.5°	143.1	143.1	144.3	147.1	151.1	157.6	164.5	173.9	183.7	194.2	205.2
45°	150.9	152.0	154.4	159.1	166.2	174.1	185.2	196.4	209.4	223.0	238.4
47.5°	159.4	160.8	166.1	173.1	182.0	194.3	207.0	221.4	237.4	254.5	274.0
50°	168.9	171.9	178.3	188.2	200.8	214.7	230.3	247.8	267.5	288.3	310.5
52.5°	195.1	193.9	197.4	204.8	220.6	236.3	254.5	275.4	297.4	321.5	346.9
55°	220.8	219.4	223.7	232.7	244.5	258.5	278.6	302.0	327.1	354.3	385.3
57.5°	244.4	244.4	249.6	259.1	271.6	287.9	306.8	328.4	356.4	388.2	422.2
60°	267.0	267.6	274.2	284.5	298.1	315.0	335.4	360.3	388.6	419.6	456.2
62.5°	290.2	290.9	297.2	308.1	322.8	341.0	363.3	390.3	422.4	454.9	490.4
65°	312.1	313.3	320.0	331.0	345.7	364.3	389.5	420.8	453.7	487.8	525.8
67.5°	332.7	334.1	341.2	352.4	367.5	387.7	414.9	448.9	481.7	517.5	562.8
70°	353.3	353.9	361.0	372.0	387.0	409.3	440.1	473.6	506.6	543.8	595.3
72.5°	370.5	372.4	379.7	390.3	405.0	429.8	463.2	495.1	527.3	568.5	620.1
75°	386.0	388.9	395.7	405.0	419.8	445.0	480.8	513.5	543.7	586.8	641.6
77.5°	401.4	404.9	410.5	417.8	430.7	455.3	488.7	522.4	558.3	603.4	660.0
80°	416.6	420.5	424.2	429.0	438.9	462.4	495.1	530.2	569.3	618.6	680.0
82.5°	431.8	435.8	437.1	438.9	444.9	466.9	499.8	536.9	577.7	630.6	695.0
85°	446.9	450.7	449.4	448.0	449.3	469.2	502.9	542.1	583.5	639.0	704.9
87.5°	461.9	465.5	461.4	456.5	452.7	470.1	505.2	546.8	587.9	645.8	712.2
90°	477.0	480.0	473.4	465.0	456.0	469.2	504.1	547.3	587.6	645.3	710.2
92.5°	461.9	465.5	461.4	456.5	452.7	470.1	505.2	546.8	587.9	645.8	712.2
95°	446.9	450.7	449.4	448.0	449.3	469.2	502.9	542.1	583.5	639.0	704.9
97.5°	431.8	435.8	437.1	438.9	444.9	466.9	499.8	536.9	577.7	630.6	695.0
100°	416.6	420.5	424.2	429.0	438.9	462.4	495.1	530.2	569.3	618.6	680.0
102.5°	401.4	404.9	410.5	417.8	430.7	455.3	488.7	522.4	558.3	603.4	660.0
105°	386.0	388.9	395.7	405.0	419.8	445.0	480.8	513.5	543.7	586.8	641.6
107.5°	370.5	372.4	379.7	390.3	405.0	429.8	463.2	495.1	527.3	568.5	620.1
110°	353.3	353.9	361.0	372.0	387.0	409.3	440.1	473.6	506.6	543.8	595.3



TEST NUMBER: P231909

CATALOG NUMBER: FVS4WM-2-LD4-35-2LO-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°	332.7	334.1	341.2	352.4	367.5	387.7	414.9	448.9	481.7	517.5	562.8
115°	312.1	313.3	320.0	331.0	345.7	364.3	389.5	420.8	453.7	487.8	525.8
117.5°	290.2	290.9	297.2	308.1	322.8	341.0	363.3	390.3	422.4	454.9	490.4
120°	267.0	267.6	274.2	284.5	298.1	315.0	335.4	360.3	388.6	419.6	456.2
122.5°	244.4	244.4	249.6	259.1	271.6	287.9	306.8	328.4	356.4	388.2	422.2
125°	220.8	219.4	223.7	232.7	244.5	258.5	278.6	302.0	327.1	354.3	385.3
127.5°	195.1	193.9	197.4	204.8	220.6	236.3	254.5	275.4	297.4	321.5	346.9
130°	168.9	171.9	178.3	188.2	200.8	214.7	230.3	247.8	267.5	288.3	310.5
132.5°	159.4	160.8	166.1	173.1	182.0	194.3	207.0	221.4	237.4	254.5	274.0
135°	150.9	152.0	154.4	159.1	166.2	174.1	185.2	196.4	209.4	223.0	238.4
137.5°	143.1	143.1	144.3	147.1	151.1	157.6	164.5	173.9	183.7	194.2	205.2
140°	135.2	134.9	135.1	136.2	138.7	142.1	147.3	153.2	160.3	167.8	175.7
142.5°	127.3	126.8	126.4	126.6	127.5	129.3	132.1	135.4	140.4	145.5	151.3
145°	119.3	118.7	118.2	117.8	117.6	118.4	119.0	121.3	123.2	128.0	135.5
147.5°	110.3	110.7	110.0	109.3	108.8	108.3	108.6	109.6	112.9	117.5	122.0
150°	100.5	101.4	101.9	101.2	100.3	100.3	101.6	103.2	105.9	108.7	111.8
152.5°	89.3	91.1	92.0	93.8	94.7	95.5	96.7	97.8	99.3	100.9	103.1
155°	78.8	81.8	85.0	86.4	88.0	89.6	90.6	91.6	92.8	94.1	95.5
157.5°	70.5	73.1	75.6	77.9	80.1	81.4	82.8	84.0	85.2	86.2	87.2
160°	62.4	64.7	66.9	68.9	70.7	72.3	73.8	75.0	76.1	77.0	77.8
162.5°	54.4	56.9	58.4	60.2	61.7	63.1	64.4	65.5	66.5	67.3	67.9
165°	46.4	48.2	50.0	51.6	53.1	54.3	55.4	56.3	57.1	57.9	58.4
167.5°	38.9	40.2	41.5	42.8	44.1	45.2	46.3	47.2	48.1	48.7	49.2
170°	31.8	32.9	33.9	34.8	35.6	36.4	37.1	37.8	38.5	39.1	39.6
172.5°	23.7	24.8	25.9	27.0	27.9	28.5	29.0	29.5	29.9	30.3	30.6
175°	14.8	15.5	16.3	17.0	17.7	18.3	18.9	19.4	20.0	20.4	20.9
177.5°	7.3	7.6	7.8	8.0	8.2	8.4	8.6	8.8	8.9	9.0	9.1
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231909

CATALOG NUMBER: FVS4WM-2-LD4-35-2LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	9.2	9.3	9.4	9.4	9.4	9.4	9.7	9.6	9.5	9.4	9.3
5°	21.2	21.6	21.9	22.1	22.3	22.5	22.6	22.7	23.1	22.8	22.6
7.5°	30.9	31.1	31.3	31.4	31.4	31.4	31.4	31.3	31.1	31.1	30.7
10°	40.1	40.4	40.7	40.9	41.0	41.1	41.0	40.9	40.7	40.7	40.2
12.5°	49.6	49.9	50.1	50.2	50.2	50.1	49.9	49.7	49.3	48.8	48.4
15°	58.9	59.2	59.4	59.4	59.4	59.2	58.9	58.5	57.9	57.3	56.7
17.5°	68.4	68.9	69.3	69.5	69.7	69.7	69.6	69.4	69.0	68.5	68.2
20°	78.6	79.2	80.0	80.6	81.3	81.8	82.3	82.6	82.8	82.8	83.1
22.5°	88.3	89.5	90.5	91.5	92.5	93.4	94.1	94.8	95.3	95.6	96.3
25°	96.9	98.3	99.8	101.7	103.5	105.2	106.8	108.2	109.4	110.4	111.2
27.5°	105.6	108.1	110.6	113.4	116.4	119.2	121.8	124.1	126.2	127.9	129.3
30°	115.5	119.5	123.3	127.1	132.3	137.1	141.6	145.7	149.4	152.6	155.2
32.5°	127.2	133.9	140.3	146.6	153.3	160.1	166.3	171.9	177.0	181.3	185.0
35°	143.0	151.7	160.7	169.3	177.8	187.2	195.8	203.5	210.4	216.3	221.2
37.5°	161.7	172.5	185.0	196.9	208.2	219.9	230.8	240.5	249.0	256.2	262.1
40°	185.2	198.5	214.1	229.4	243.6	257.4	270.2	281.2	290.4	297.8	303.5
42.5°	217.9	230.6	247.7	267.0	284.2	299.6	313.6	325.6	335.5	343.5	349.5
45°	254.0	271.9	289.1	309.1	328.0	346.8	361.7	375.6	386.3	394.0	398.9
47.5°	294.0	314.4	334.2	355.4	379.9	400.6	418.6	434.0	446.1	455.0	460.7
50°	333.7	357.6	385.3	412.3	439.0	462.0	483.0	504.3	522.1	536.2	546.2
52.5°	375.5	405.9	436.9	467.7	501.1	533.5	560.7	586.2	609.3	629.3	645.4
55°	417.9	451.8	487.5	526.8	566.3	604.5	637.6	667.2	694.3	718.3	738.5
57.5°	457.9	497.3	539.6	585.2	631.7	669.5	706.6	738.5	766.5	792.3	815.2
60°	496.9	541.6	592.6	641.3	687.3	726.9	761.2	793.9	824.1	851.1	874.5
62.5°	533.3	588.5	641.8	692.9	734.5	773.5	808.7	842.3	871.8	898.6	922.1
65°	576.9	631.0	685.9	731.9	774.1	813.8	848.9	881.5	912.2	940.2	964.5
67.5°	616.0	671.8	719.8	764.5	807.1	845.8	882.9	917.8	949.3	976.8	1000.2
70°	649.6	704.3	751.7	792.9	832.9	874.0	913.4	948.6	982.0	1012.9	1035.8
72.5°	677.8	734.0	778.0	818.3	858.0	898.0	937.7	977.2	1017.5	1049.1	1067.7
75°	703.8	754.8	798.3	839.8	881.1	920.2	959.4	1001.8	1040.8	1074.7	1096.1
77.5°	725.3	771.9	814.3	856.7	899.2	939.9	980.1	1020.5	1059.0	1093.0	1115.0
80°	739.2	784.4	825.9	869.2	913.3	955.1	995.0	1035.0	1074.0	1107.9	1129.1
82.5°	751.3	796.4	837.6	880.3	921.7	961.0	1003.1	1046.4	1090.6	1126.6	1143.2
85°	760.5	804.7	845.0	888.2	928.9	969.3	1010.5	1054.6	1098.2	1132.8	1152.1
87.5°	768.5	809.4	848.0	891.1	931.6	974.3	1018.0	1062.2	1102.9	1137.8	1153.9
90°	768.4	810.5	847.1	889.2	929.5	973.9	1019.0	1059.8	1101.3	1139.7	1155.4
92.5°	768.5	809.4	848.0	891.1	931.6	974.3	1018.0	1062.2	1102.9	1137.8	1153.9
95°	760.5	804.7	845.0	888.2	928.9	969.3	1010.5	1054.6	1098.2	1132.8	1152.1
97.5°	751.3	796.4	837.6	880.3	921.7	961.0	1003.1	1046.4	1090.6	1126.6	1143.2
100°	739.2	784.4	825.9	869.2	913.3	955.1	995.0	1035.0	1074.0	1107.9	1129.1
102.5°	725.3	771.9	814.3	856.7	899.2	939.9	980.1	1020.5	1059.0	1093.0	1115.0
105°	703.8	754.8	798.3	839.8	881.1	920.2	959.4	1001.8	1040.8	1074.7	1096.1
107.5°	677.8	734.0	778.0	818.3	858.0	898.0	937.7	977.2	1017.5	1049.1	1067.7
110°	649.6	704.3	751.7	792.9	832.9	874.0	913.4	948.6	982.0	1012.9	1035.8



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CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	616.0	671.8	719.8	764.5	807.1	845.8	882.9	917.8	949.3	976.8	1000.2
115°	576.9	631.0	685.9	731.9	774.1	813.8	848.9	881.5	912.2	940.2	964.5
117.5°	533.3	588.5	641.8	692.9	734.5	773.5	808.7	842.3	871.8	898.6	922.1
120°	496.9	541.6	592.6	641.3	687.3	726.9	761.2	793.9	824.1	851.1	874.5
122.5°	457.9	497.3	539.6	585.2	631.7	669.5	706.6	738.5	766.5	792.3	815.2
125°	417.9	451.8	487.5	526.8	566.3	604.5	637.6	667.2	694.3	718.3	738.5
127.5°	375.5	405.9	436.9	467.7	501.1	533.5	560.7	586.2	609.3	629.3	645.4
130°	333.7	357.6	385.3	412.3	439.0	462.0	483.0	504.3	522.1	536.2	546.2
132.5°	294.0	314.4	334.2	355.4	379.9	400.6	418.6	434.0	446.1	455.0	460.7
135°	254.0	271.9	289.1	309.1	328.0	346.8	361.7	375.6	386.3	394.0	398.9
137.5°	217.9	230.6	247.7	267.0	284.2	299.6	313.6	325.6	335.5	343.5	349.5
140°	185.2	198.5	214.1	229.4	243.6	257.4	270.2	281.2	290.4	297.8	303.5
142.5°	161.7	172.5	185.0	196.9	208.2	219.9	230.8	240.5	249.0	256.2	262.1
145°	143.0	151.7	160.7	169.3	177.8	187.2	195.8	203.5	210.4	216.3	221.2
147.5°	127.2	133.9	140.3	146.6	153.3	160.1	166.3	171.9	177.0	181.3	185.0
150°	115.5	119.5	123.3	127.1	132.3	137.1	141.6	145.7	149.4	152.6	155.2
152.5°	105.6	108.1	110.6	113.4	116.4	119.2	121.8	124.1	126.2	127.9	129.3
155°	96.9	98.3	99.8	101.7	103.5	105.2	106.8	108.2	109.4	110.4	111.2
157.5°	88.3	89.5	90.5	91.5	92.5	93.4	94.1	94.8	95.3	95.6	96.3
160°	78.6	79.2	80.0	80.6	81.3	81.8	82.3	82.6	82.8	82.8	83.1
162.5°	68.4	68.9	69.3	69.5	69.7	69.7	69.6	69.4	69.0	68.5	68.2
165°	58.9	59.2	59.4	59.4	59.4	59.2	58.9	58.5	57.9	57.3	56.7
167.5°	49.6	49.9	50.1	50.2	50.2	50.1	49.9	49.7	49.3	48.8	48.4
170°	40.1	40.4	40.7	40.9	41.0	41.1	41.0	40.9	40.7	40.7	40.2
172.5°	30.9	31.1	31.3	31.4	31.4	31.4	31.4	31.3	31.1	31.1	30.7
175°	21.2	21.6	21.9	22.1	22.3	22.5	22.6	22.7	23.1	22.8	22.6
177.5°	9.2	9.3	9.4	9.4	9.4	9.4	9.7	9.6	9.5	9.4	9.3
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	0.0	0.0
2.5°	9.1	9.0
5°	22.4	22.2
7.5°	30.4	30.0
10°	39.6	39.1
12.5°	47.7	46.9
15°	55.7	54.7
17.5°	67.1	66.1
20°	82.4	81.7
22.5°	95.9	95.5
25°	111.8	111.8
27.5°	130.6	131.0
30°	157.6	158.6
32.5°	188.3	189.9
35°	225.6	227.7
37.5°	267.3	269.8
40°	308.3	310.0
42.5°	354.5	355.7
45°	402.3	401.3
47.5°	464.6	462.6
50°	554.3	553.3
52.5°	659.8	662.7
55°	757.2	764.2
57.5°	836.9	848.3
60°	896.2	909.0
62.5°	941.8	957.7
65°	984.7	1000.9
67.5°	1019.4	1034.6
70°	1052.2	1063.4
72.5°	1079.8	1086.9
75°	1105.2	1109.1
77.5°	1118.9	1119.3
80°	1137.5	1139.1
82.5°	1150.3	1151.7
85°	1155.9	1154.8
87.5°	1163.1	1165.6
90°	1162.0	1163.2
92.5°	1163.1	1165.6
95°	1155.9	1154.8
97.5°	1150.3	1151.7
100°	1137.5	1139.1
102.5°	1118.9	1119.3
105°	1105.2	1109.1
107.5°	1079.8	1086.9
110°	1052.2	1063.4



TEST NUMBER: P231909

CATALOG NUMBER: FVS4WM-2-LD4-35-2LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	1019.4	1034.6
115°	984.7	1000.9
117.5°	941.8	957.7
120°	896.2	909.0
122.5°	836.9	848.3
125°	757.2	764.2
127.5°	659.8	662.7
130°	554.3	553.3
132.5°	464.6	462.6
135°	402.3	401.3
137.5°	354.5	355.7
140°	308.3	310.0
142.5°	267.3	269.8
145°	225.6	227.7
147.5°	188.3	189.9
150°	157.6	158.6
152.5°	130.6	131.0
155°	111.8	111.8
157.5°	95.9	95.5
160°	82.4	81.7
162.5°	67.1	66.1
165°	55.7	54.7
167.5°	47.7	46.9
170°	39.6	39.1
172.5°	30.4	30.0
175°	22.4	22.2
177.5°	9.1	9.0
180°	0.0	0.0

(END OF REPORT)