

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: P231946

Luminaire Tested: **FVS4WM-4-LD4-40-1LO-P125-UNV-EDC1**

Issue Date: 3/3/2020



Test Information

Test Method: LM-79-08
Report Number: P231946
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1706-121-13)
Test Lab: INNOVATION CENTER(G3)
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: FAIL-SAFE
Catalog Number: FVS4WM-4-LD4-40-1LO-P125-UNV-EDC1
Description: FAILSAFE FVS LED FIXTURE
4FT LENGTH, 1-MODULE LED WITH P125 LENS
Light Source: (84) 4000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

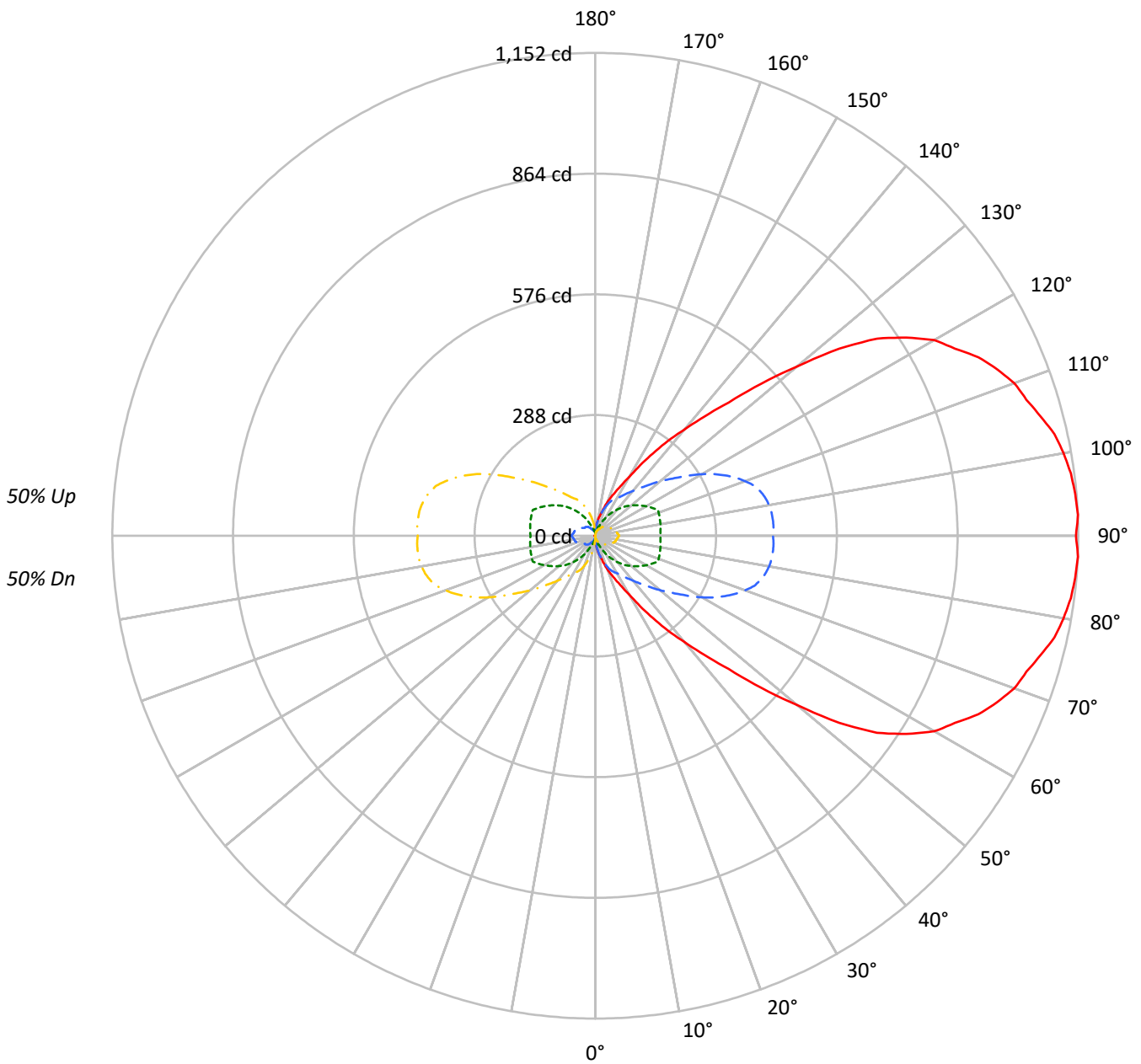
Lumens per Lamp: N/A
Luminaire Lumens: 2694.7 lumens
Efficiency: N/A
Efficacy: 114.2 lumens/watt
Spacing Criteria (0/90/45): 24.75 / 15.97 / 16.64
Luminous Opening: Rectangular w/ Sides (W: 3.79' x L: 0.19' x H: 0.31')
CIE Type: General Diffuse

Input Watts (W): 23.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Luminous Intensity Polar Plot



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



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20	
RC	80				70				50				30				10	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	107	107	107	107	99	99	99	99	83	83	83	69	69	69	56	56	56	50
1	91	83	77	71	83	76	70	65	63	58	54	50	47	43	39	36	33	28
2	80	69	60	53	72	63	55	48	51	45	39	40	35	31	30	26	23	18
3	71	59	49	41	64	53	44	37	43	36	30	33	28	23	24	20	17	12
4	64	50	40	33	58	46	37	30	37	30	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	12	8	5
7	49	35	25	19	44	32	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	36	23	16	11	19	13	9	15	10	6	11	7	4	2

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	9	9	9	9
5°	298	92	8	92
10°	491	177	7	177
15°	624	264	7	264
20°	864	355	6	355
25°	1101	541	6	541
30°	1449	831	5	831
35°	2044	1152	5	1152
40°	2725	1518	5	1518
45°	3610	1945	5	1945
50°	4959	2409	5	2409
55°	6402	2983	5	2983
60°	7271	3720	5	3720
65°	7894	4701	9	4701
70°	8440	5800	10	5800
75°	8908	7122	10	7122
80°	9461	9370	0	9370
85°	9953	13972	0	13972



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1.3	0.0
10°-20°	8.8	0.3
20°-30°	24.4	0.9
30°-40°	54.2	2.0
40°-50°	105.7	3.9
50°-60°	187.2	6.9
60°-70°	272.6	10.1
70°-80°	331.7	12.3
80°-90°	361.6	13.4
90°-100°	361.6	13.4
100°-110°	331.7	12.3
110°-120°	272.6	10.1
120°-130°	187.2	6.9
130°-140°	105.7	3.9
140°-150°	54.2	2.0
150°-160°	24.4	0.9
160°-170°	8.8	0.3
170°-180°	1.3	0.0
0°-30°	34.5	1.3
0°-40°	88.7	3.3
0°-60°	381.5	14.2
0°-90°	1347.4	50.0
90°-120°	965.8	35.8
90°-150°	1312.9	48.7
90°-180°	1347.0	50.0
0°-180°	2694.7	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1	1	1	1	1	
5°	22	6	1	6	22	3
15°	58	17	1	17	58	18
25°	117	34	1	34	117	56
35°	240	66	1	66	240	155
45°	450	98	1	98	450	362
55°	820	126	1	126	820	723
65°	1008	154	1	154	1008	996
75°	1100	159	1	159	1100	1163
85°	1149	156	0	156	1149	936
90°	1146	155	0	155	1146	630
95°	1149	156	0	156	1149	936
105°	1100	159	1	159	1100	1163
115°	1008	154	1	154	1008	996
125°	820	126	1	126	820	723
135°	450	98	1	98	450	362
145°	240	66	1	66	240	155
155°	117	34	1	34	117	56
165°	58	17	1	17	58	18
175°	22	6	1	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°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
2.5°	10.3	10.4	10.5	10.6	10.8	10.9	11.0	10.6	10.6	10.6	10.5
5°	22.5	22.7	22.9	23.1	23.3	23.0	22.9	22.8	22.7	22.5	22.3
7.5°	32.2	32.6	32.9	33.3	33.2	33.2	33.3	33.3	33.2	33.0	32.8
10°	41.3	41.8	42.4	42.9	42.9	43.1	43.2	43.2	43.2	43.0	42.8
12.5°	47.9	48.7	49.5	50.1	50.6	51.1	51.5	51.8	52.0	52.0	52.0
15°	57.6	58.6	59.7	60.2	60.8	61.3	61.6	61.9	62.0	61.9	61.8
17.5°	71.0	71.9	72.9	73.0	73.4	73.6	73.6	73.6	73.4	73.1	72.8
20°	86.2	86.8	87.5	87.1	87.0	86.8	86.4	85.9	85.3	84.6	83.8
22.5°	101.3	101.6	101.9	101.0	100.5	99.8	98.9	97.9	96.8	95.7	94.4
25°	117.1	117.1	116.5	115.7	114.7	113.5	112.0	110.4	108.6	106.6	104.4
27.5°	136.5	136.2	135.0	133.7	132.0	129.9	127.6	124.9	122.0	118.8	115.8
30°	162.6	161.9	159.9	157.7	154.9	151.5	147.7	143.4	138.7	133.6	129.6
32.5°	199.6	198.3	195.0	191.2	186.6	181.2	175.1	168.3	160.9	153.8	147.6
35°	239.7	238.1	234.2	229.6	223.9	217.0	209.1	200.1	190.2	180.7	171.1
37.5°	285.2	283.3	278.5	272.9	265.9	257.5	247.9	236.9	224.9	213.0	200.0
40°	330.7	329.2	324.3	318.4	310.9	301.5	290.4	277.5	263.6	249.1	233.4
42.5°	385.3	384.3	378.8	372.1	363.1	351.7	338.1	322.2	306.3	289.0	269.9
45°	449.6	448.7	442.1	434.1	423.4	409.9	393.8	377.6	356.1	334.5	311.5
47.5°	537.0	533.8	522.8	510.3	494.8	476.6	456.0	434.3	411.6	386.4	361.2
50°	628.7	624.0	610.2	594.4	574.7	551.4	524.8	497.9	470.4	441.0	411.9
52.5°	733.0	727.6	710.4	690.7	665.6	635.4	600.5	567.6	531.6	495.7	462.1
55°	819.8	816.2	801.3	783.2	758.8	728.1	691.0	647.0	597.4	553.4	512.0
57.5°	879.9	880.4	871.5	859.1	840.4	814.9	779.5	726.0	672.4	614.5	561.6
60°	933.3	933.9	926.4	917.1	904.0	887.5	850.2	796.6	737.6	674.8	614.7
62.5°	967.2	967.4	964.6	958.4	949.0	936.3	899.7	855.0	795.9	731.4	664.2
65°	1007.9	1006.5	1001.7	994.1	984.1	968.1	939.8	900.8	846.1	781.0	709.7
67.5°	1037.6	1035.9	1031.4	1024.3	1015.0	1000.3	977.6	943.3	893.7	827.3	752.8
70°	1063.7	1061.4	1056.4	1048.8	1038.8	1025.8	1011.0	981.9	939.5	874.5	797.9
72.5°	1078.3	1079.8	1077.8	1071.3	1059.6	1045.4	1030.6	1013.1	974.2	912.9	838.3
75°	1099.5	1099.4	1096.8	1090.0	1078.1	1062.2	1046.2	1030.5	1004.4	944.0	868.7
77.5°	1121.4	1115.4	1109.0	1101.0	1089.6	1077.6	1062.7	1047.5	1022.7	974.3	892.8
80°	1134.1	1127.6	1118.3	1107.9	1096.6	1087.6	1076.8	1063.9	1043.0	999.1	914.7
82.5°	1143.8	1134.2	1124.8	1113.9	1106.1	1096.5	1085.8	1073.7	1054.5	1013.4	937.8
85°	1148.7	1137.1	1127.1	1121.3	1113.0	1103.3	1091.1	1077.4	1059.8	1024.6	951.6
87.5°	1152.3	1133.6	1131.8	1125.8	1114.9	1104.8	1093.0	1078.8	1062.4	1032.1	955.9
90°	1146.3	1134.7	1129.3	1124.4	1112.3	1103.8	1092.9	1078.3	1061.9	1033.4	950.9
92.5°	1152.3	1133.6	1131.8	1125.8	1114.9	1104.8	1093.0	1078.8	1062.4	1032.1	955.9
95°	1148.7	1137.1	1127.1	1121.3	1113.0	1103.3	1091.1	1077.4	1059.8	1024.6	951.6
97.5°	1143.8	1134.2	1124.8	1113.9	1106.1	1096.5	1085.8	1073.7	1054.5	1013.4	937.8
100°	1134.1	1127.6	1118.3	1107.9	1096.6	1087.6	1076.8	1063.9	1043.0	999.1	914.7
102.5°	1121.4	1115.4	1109.0	1101.0	1089.6	1077.6	1062.7	1047.5	1022.7	974.3	892.8
105°	1099.5	1099.4	1096.8	1090.0	1078.1	1062.2	1046.2	1030.5	1004.4	944.0	868.7
107.5°	1078.3	1079.8	1077.8	1071.3	1059.6	1045.4	1030.6	1013.1	974.2	912.9	838.3
110°	1063.7	1061.4	1056.4	1048.8	1038.8	1025.8	1011.0	981.9	939.5	874.5	797.9



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CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
112.5°	1037.6	1035.9	1031.4	1024.3	1015.0	1000.3	977.6	943.3	893.7	827.3	752.8
115°	1007.9	1006.5	1001.7	994.1	984.1	968.1	939.8	900.8	846.1	781.0	709.7
117.5°	967.2	967.4	964.6	958.4	949.0	936.3	899.7	855.0	795.9	731.4	664.2
120°	933.3	933.9	926.4	917.1	904.0	887.5	850.2	796.6	737.6	674.8	614.7
122.5°	879.9	880.4	871.5	859.1	840.4	814.9	779.5	726.0	672.4	614.5	561.6
125°	819.8	816.2	801.3	783.2	758.8	728.1	691.0	647.0	597.4	553.4	512.0
127.5°	733.0	727.6	710.4	690.7	665.6	635.4	600.5	567.6	531.6	495.7	462.1
130°	628.7	624.0	610.2	594.4	574.7	551.4	524.8	497.9	470.4	441.0	411.9
132.5°	537.0	533.8	522.8	510.3	494.8	476.6	456.0	434.3	411.6	386.4	361.2
135°	449.6	448.7	442.1	434.1	423.4	409.9	393.8	377.6	356.1	334.5	311.5
137.5°	385.3	384.3	378.8	372.1	363.1	351.7	338.1	322.2	306.3	289.0	269.9
140°	330.7	329.2	324.3	318.4	310.9	301.5	290.4	277.5	263.6	249.1	233.4
142.5°	285.2	283.3	278.5	272.9	265.9	257.5	247.9	236.9	224.9	213.0	200.0
145°	239.7	238.1	234.2	229.6	223.9	217.0	209.1	200.1	190.2	180.7	171.1
147.5°	199.6	198.3	195.0	191.2	186.6	181.2	175.1	168.3	160.9	153.8	147.6
150°	162.6	161.9	159.9	157.7	154.9	151.5	147.7	143.4	138.7	133.6	129.6
152.5°	136.5	136.2	135.0	133.7	132.0	129.9	127.6	124.9	122.0	118.8	115.8
155°	117.1	117.1	116.5	115.7	114.7	113.5	112.0	110.4	108.6	106.6	104.4
157.5°	101.3	101.6	101.9	101.0	100.5	99.8	98.9	97.9	96.8	95.7	94.4
160°	86.2	86.8	87.5	87.1	87.0	86.8	86.4	85.9	85.3	84.6	83.8
162.5°	71.0	71.9	72.9	73.0	73.4	73.6	73.6	73.6	73.4	73.1	72.8
165°	57.6	58.6	59.7	60.2	60.8	61.3	61.6	61.9	62.0	61.9	61.8
167.5°	47.9	48.7	49.5	50.1	50.6	51.1	51.5	51.8	52.0	52.0	52.0
170°	41.3	41.8	42.4	42.9	42.9	43.1	43.2	43.2	43.2	43.0	42.8
172.5°	32.2	32.6	32.9	33.3	33.2	33.2	33.3	33.3	33.2	33.0	32.8
175°	22.5	22.7	22.9	23.1	23.3	23.0	22.9	22.8	22.7	22.5	22.3
177.5°	10.3	10.4	10.5	10.6	10.8	10.9	11.0	10.6	10.6	10.6	10.5
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°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
2.5°	10.4	10.3	10.2	10.1	9.9	9.7	9.6	9.3	9.1	8.9	8.6
5°	22.0	21.7	21.4	21.0	20.5	20.0	19.5	18.9	18.4	17.7	17.1
7.5°	32.5	32.2	31.8	31.3	30.8	30.2	29.6	28.9	28.1	27.2	26.2
10°	42.5	42.1	41.6	41.1	40.5	39.7	38.9	38.0	37.0	35.9	34.7
12.5°	51.9	51.6	51.3	50.8	50.2	49.3	48.3	47.2	46.0	44.6	43.2
15°	61.5	61.1	60.5	59.9	59.3	58.5	57.5	56.4	55.1	53.6	51.8
17.5°	72.3	71.8	71.1	70.3	69.4	68.3	67.0	65.7	64.2	62.5	60.6
20°	83.0	82.2	81.3	80.4	79.5	78.5	77.2	75.6	73.8	71.9	69.7
22.5°	93.1	91.9	90.7	89.5	88.4	87.2	86.0	84.9	83.7	81.4	79.1
25°	102.7	100.9	99.2	97.5	96.0	94.7	93.5	92.3	91.1	89.8	88.8
27.5°	113.1	110.3	107.5	104.9	103.0	101.2	99.7	98.3	97.3	96.3	95.0
30°	125.5	121.2	117.1	113.5	110.2	106.9	105.0	103.3	102.5	102.5	102.3
32.5°	141.1	134.3	128.7	123.6	118.4	114.4	112.0	110.1	109.6	108.9	108.7
35°	161.1	151.4	143.6	135.6	129.5	125.6	121.5	119.2	116.9	115.8	115.1
37.5°	186.1	174.0	162.1	153.1	145.6	138.4	133.3	128.8	125.5	123.0	121.6
40°	217.2	201.6	187.6	175.6	164.4	154.4	146.5	139.6	134.9	131.0	128.5
42.5°	251.7	235.1	218.2	202.3	187.3	173.7	161.2	152.6	144.8	139.8	135.9
45°	291.5	270.4	250.8	231.3	212.9	195.0	180.3	166.2	156.9	148.8	143.7
47.5°	335.4	309.4	285.6	261.8	240.2	219.5	200.3	184.0	169.3	159.5	152.0
50°	382.2	352.7	322.5	295.1	269.2	244.7	222.3	201.9	185.2	170.9	160.7
52.5°	428.1	395.5	362.9	329.8	299.1	270.9	244.9	221.7	201.6	183.9	174.7
55°	473.5	435.9	400.9	366.2	330.6	297.8	267.3	241.8	222.7	207.0	194.8
57.5°	517.6	475.8	435.9	399.1	363.0	325.6	295.0	268.5	246.2	229.3	215.9
60°	558.8	512.8	470.0	428.6	393.3	358.0	323.2	293.7	269.7	250.9	236.4
62.5°	600.8	545.2	500.9	460.1	421.3	386.3	350.6	318.7	291.8	270.0	255.8
65°	639.6	580.6	529.3	487.3	447.3	410.4	375.3	340.8	312.4	289.4	273.9
67.5°	681.4	616.2	559.2	510.5	469.5	431.4	396.4	362.1	332.3	307.9	290.1
70°	721.6	649.5	587.1	531.2	488.0	449.7	414.4	380.6	349.7	324.5	304.5
72.5°	756.1	678.8	610.4	551.7	502.9	464.1	429.6	397.6	365.0	340.0	319.7
75°	786.9	704.0	629.3	567.6	514.0	475.2	441.0	407.9	377.2	352.2	333.1
77.5°	811.3	723.5	644.8	581.9	526.0	482.2	447.3	415.7	386.4	362.3	344.8
80°	829.2	745.1	665.2	595.5	535.1	486.7	451.1	421.0	393.5	370.5	355.0
82.5°	846.7	762.5	680.1	606.6	541.5	488.9	452.8	424.1	398.7	377.1	363.9
85°	857.5	772.9	689.4	614.4	544.8	488.8	452.5	425.3	402.3	382.4	372.0
87.5°	861.3	779.4	695.8	620.8	546.7	487.5	451.2	425.5	405.0	387.0	379.5
90°	858.0	773.1	691.8	618.3	541.9	482.4	447.2	423.6	406.0	390.8	386.5
92.5°	861.3	779.4	695.8	620.8	546.7	487.5	451.2	425.5	405.0	387.0	379.5
95°	857.5	772.9	689.4	614.4	544.8	488.8	452.5	425.3	402.3	382.4	372.0
97.5°	846.7	762.5	680.1	606.6	541.5	488.9	452.8	424.1	398.7	377.1	363.9
100°	829.2	745.1	665.2	595.5	535.1	486.7	451.1	421.0	393.5	370.5	355.0
102.5°	811.3	723.5	644.8	581.9	526.0	482.2	447.3	415.7	386.4	362.3	344.8
105°	786.9	704.0	629.3	567.6	514.0	475.2	441.0	407.9	377.2	352.2	333.1
107.5°	756.1	678.8	610.4	551.7	502.9	464.1	429.6	397.6	365.0	340.0	319.7
110°	721.6	649.5	587.1	531.2	488.0	449.7	414.4	380.6	349.7	324.5	304.5



TEST NUMBER: P231946

CATALOG NUMBER: FVS4WM-4-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°	681.4	616.2	559.2	510.5	469.5	431.4	396.4	362.1	332.3	307.9	290.1
115°	639.6	580.6	529.3	487.3	447.3	410.4	375.3	340.8	312.4	289.4	273.9
117.5°	600.8	545.2	500.9	460.1	421.3	386.3	350.6	318.7	291.8	270.0	255.8
120°	558.8	512.8	470.0	428.6	393.3	358.0	323.2	293.7	269.7	250.9	236.4
122.5°	517.6	475.8	435.9	399.1	363.0	325.6	295.0	268.5	246.2	229.3	215.9
125°	473.5	435.9	400.9	366.2	330.6	297.8	267.3	241.8	222.7	207.0	194.8
127.5°	428.1	395.5	362.9	329.8	299.1	270.9	244.9	221.7	201.6	183.9	174.7
130°	382.2	352.7	322.5	295.1	269.2	244.7	222.3	201.9	185.2	170.9	160.7
132.5°	335.4	309.4	285.6	261.8	240.2	219.5	200.3	184.0	169.3	159.5	152.0
135°	291.5	270.4	250.8	231.3	212.9	195.0	180.3	166.2	156.9	148.8	143.7
137.5°	251.7	235.1	218.2	202.3	187.3	173.7	161.2	152.6	144.8	139.8	135.9
140°	217.2	201.6	187.6	175.6	164.4	154.4	146.5	139.6	134.9	131.0	128.5
142.5°	186.1	174.0	162.1	153.1	145.6	138.4	133.3	128.8	125.5	123.0	121.6
145°	161.1	151.4	143.6	135.6	129.5	125.6	121.5	119.2	116.9	115.8	115.1
147.5°	141.1	134.3	128.7	123.6	118.4	114.4	112.0	110.1	109.6	108.9	108.7
150°	125.5	121.2	117.1	113.5	110.2	106.9	105.0	103.3	102.5	102.5	102.3
152.5°	113.1	110.3	107.5	104.9	103.0	101.2	99.7	98.3	97.3	96.3	95.0
155°	102.7	100.9	99.2	97.5	96.0	94.7	93.5	92.3	91.1	89.8	88.8
157.5°	93.1	91.9	90.7	89.5	88.4	87.2	86.0	84.9	83.7	81.4	79.1
160°	83.0	82.2	81.3	80.4	79.5	78.5	77.2	75.6	73.8	71.9	69.7
162.5°	72.3	71.8	71.1	70.3	69.4	68.3	67.0	65.7	64.2	62.5	60.6
165°	61.5	61.1	60.5	59.9	59.3	58.5	57.5	56.4	55.1	53.6	51.8
167.5°	51.9	51.6	51.3	50.8	50.2	49.3	48.3	47.2	46.0	44.6	43.2
170°	42.5	42.1	41.6	41.1	40.5	39.7	38.9	38.0	37.0	35.9	34.7
172.5°	32.5	32.2	31.8	31.3	30.8	30.2	29.6	28.9	28.1	27.2	26.2
175°	22.0	21.7	21.4	21.0	20.5	20.0	19.5	18.9	18.4	17.7	17.1
177.5°	10.4	10.3	10.2	10.1	9.9	9.7	9.6	9.3	9.1	8.9	8.6
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231946

CATALOG NUMBER: FVS4WM-4-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°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
2.5°	8.4	8.1	7.8	7.5	7.2	6.8	6.5	6.1	5.7	5.4	5.0
5°	16.4	15.6	14.9	14.2	13.6	12.9	12.3	11.6	10.8	10.1	9.3
7.5°	25.2	24.1	22.9	21.8	20.5	19.3	18.0	16.9	15.8	14.7	13.6
10°	33.5	32.2	30.9	29.3	27.7	26.0	24.3	22.6	20.8	19.3	17.8
12.5°	41.7	40.0	38.3	36.5	34.6	32.6	30.5	28.4	26.2	24.0	22.0
15°	50.0	48.0	46.3	43.7	41.4	39.0	36.5	34.0	31.5	28.9	26.2
17.5°	58.9	56.2	53.8	51.2	48.4	45.6	42.6	39.6	36.6	33.6	30.6
20°	67.3	64.7	61.8	58.8	55.6	52.3	48.8	45.3	41.6	38.3	34.9
22.5°	76.5	73.5	70.2	66.6	63.0	59.1	55.2	51.1	46.9	42.8	39.1
25°	85.5	82.5	79.0	74.9	71.1	67.3	63.4	59.3	55.2	51.0	47.2
27.5°	94.3	92.1	89.0	85.7	81.7	77.5	73.3	68.9	64.5	60.1	55.8
30°	101.7	100.9	98.8	95.5	91.8	87.5	83.0	78.3	73.8	68.9	64.3
32.5°	108.6	108.0	107.1	104.8	101.1	97.0	92.5	87.6	82.5	77.6	72.7
35°	114.7	114.6	113.9	113.0	110.0	106.1	101.5	97.1	91.4	86.0	81.0
37.5°	120.9	120.5	120.4	119.6	118.8	114.5	110.2	105.4	100.1	94.2	89.2
40°	127.1	126.4	126.2	126.0	125.1	122.6	118.5	113.8	108.6	102.6	97.2
42.5°	133.4	132.4	131.8	131.8	131.4	130.5	126.3	121.9	117.0	110.8	105.0
45°	140.3	138.1	137.5	137.3	137.4	136.7	133.9	129.6	124.9	118.9	112.7
47.5°	146.8	144.5	143.1	142.6	142.9	143.7	144.8	142.8	140.2	135.7	129.0
50°	154.6	151.2	152.2	154.9	158.1	161.3	163.7	162.5	160.3	156.4	147.9
52.5°	169.1	167.4	168.5	170.9	174.4	178.4	181.5	181.9	180.3	177.4	167.1
55°	187.4	184.3	184.3	186.5	190.5	195.0	198.9	200.9	199.9	197.9	186.7
57.5°	206.3	200.8	199.6	202.0	206.3	211.3	216.1	219.6	219.3	217.8	206.5
60°	224.5	217.5	215.7	217.5	221.7	227.3	233.0	237.9	238.4	237.4	226.6
62.5°	243.5	235.2	231.7	232.6	236.9	243.1	249.6	255.4	257.2	257.0	246.9
65°	262.0	252.4	247.2	247.3	251.8	258.8	266.0	272.6	275.9	276.4	267.4
67.5°	279.4	269.1	262.5	262.4	267.0	274.3	282.2	289.7	294.4	295.6	288.0
70°	295.8	285.8	279.0	277.5	280.6	286.8	293.6	299.9	303.7	301.9	291.6
72.5°	309.1	299.0	290.7	287.8	290.0	295.0	300.6	306.1	309.9	305.7	292.7
75°	320.8	310.5	301.5	297.9	299.5	303.6	308.0	312.3	316.4	310.0	293.8
77.5°	332.3	321.7	311.8	307.9	309.2	312.4	315.8	318.5	323.1	314.7	294.7
80°	343.6	332.7	321.9	317.7	319.1	321.6	323.9	324.9	330.1	319.7	295.5
82.5°	354.8	343.3	331.7	327.5	329.2	331.0	332.1	331.4	337.1	324.9	297.3
85°	365.7	353.6	341.2	337.3	339.3	340.5	340.6	337.7	344.5	330.7	297.1
87.5°	376.5	363.8	350.6	347.0	349.5	350.2	349.0	344.5	351.2	335.2	296.9
90°	386.5	373.2	359.8	356.8	359.8	359.8	357.4	351.3	358.0	339.8	296.7
92.5°	376.5	363.8	350.6	347.0	349.5	350.2	349.0	344.5	351.2	335.2	296.9
95°	365.7	353.6	341.2	337.3	339.3	340.5	340.6	337.7	344.5	330.7	297.1
97.5°	354.8	343.3	331.7	327.5	329.2	331.0	332.1	331.4	337.1	324.9	297.3
100°	343.6	332.7	321.9	317.7	319.1	321.6	323.9	324.9	330.1	319.7	295.5
102.5°	332.3	321.7	311.8	307.9	309.2	312.4	315.8	318.5	323.1	314.7	294.7
105°	320.8	310.5	301.5	297.9	299.5	303.6	308.0	312.3	316.4	310.0	293.8
107.5°	309.1	299.0	290.7	287.8	290.0	295.0	300.6	306.1	309.9	305.7	292.7
110°	295.8	285.8	279.0	277.5	280.6	286.8	293.6	299.9	303.7	301.9	291.6



TEST NUMBER: P231946

CATALOG NUMBER: FVS4WM-4-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°	279.4	269.1	262.5	262.4	267.0	274.3	282.2	289.7	294.4	295.6	288.0
115°	262.0	252.4	247.2	247.3	251.8	258.8	266.0	272.6	275.9	276.4	267.4
117.5°	243.5	235.2	231.7	232.6	236.9	243.1	249.6	255.4	257.2	257.0	246.9
120°	224.5	217.5	215.7	217.5	221.7	227.3	233.0	237.9	238.4	237.4	226.6
122.5°	206.3	200.8	199.6	202.0	206.3	211.3	216.1	219.6	219.3	217.8	206.5
125°	187.4	184.3	184.3	186.5	190.5	195.0	198.9	200.9	199.9	197.9	186.7
127.5°	169.1	167.4	168.5	170.9	174.4	178.4	181.5	181.9	180.3	177.4	167.1
130°	154.6	151.2	152.2	154.9	158.1	161.3	163.7	162.5	160.3	156.4	147.9
132.5°	146.8	144.5	143.1	142.6	142.9	143.7	144.8	142.8	140.2	135.7	129.0
135°	140.3	138.1	137.5	137.3	137.4	136.7	133.9	129.6	124.9	118.9	112.7
137.5°	133.4	132.4	131.8	131.8	131.4	130.5	126.3	121.9	117.0	110.8	105.0
140°	127.1	126.4	126.2	126.0	125.1	122.6	118.5	113.8	108.6	102.6	97.2
142.5°	120.9	120.5	120.4	119.6	118.8	114.5	110.2	105.4	100.1	94.2	89.2
145°	114.7	114.6	113.9	113.0	110.0	106.1	101.5	97.1	91.4	86.0	81.0
147.5°	108.6	108.0	107.1	104.8	101.1	97.0	92.5	87.6	82.5	77.6	72.7
150°	101.7	100.9	98.8	95.5	91.8	87.5	83.0	78.3	73.8	68.9	64.3
152.5°	94.3	92.1	89.0	85.7	81.7	77.5	73.3	68.9	64.5	60.1	55.8
155°	85.5	82.5	79.0	74.9	71.1	67.3	63.4	59.3	55.2	51.0	47.2
157.5°	76.5	73.5	70.2	66.6	63.0	59.1	55.2	51.1	46.9	42.8	39.1
160°	67.3	64.7	61.8	58.8	55.6	52.3	48.8	45.3	41.6	38.3	34.9
162.5°	58.9	56.2	53.8	51.2	48.4	45.6	42.6	39.6	36.6	33.6	30.6
165°	50.0	48.0	46.3	43.7	41.4	39.0	36.5	34.0	31.5	28.9	26.2
167.5°	41.7	40.0	38.3	36.5	34.6	32.6	30.5	28.4	26.2	24.0	22.0
170°	33.5	32.2	30.9	29.3	27.7	26.0	24.3	22.6	20.8	19.3	17.8
172.5°	25.2	24.1	22.9	21.8	20.5	19.3	18.0	16.9	15.8	14.7	13.6
175°	16.4	15.6	14.9	14.2	13.6	12.9	12.3	11.6	10.8	10.1	9.3
177.5°	8.4	8.1	7.8	7.5	7.2	6.8	6.5	6.1	5.7	5.4	5.0
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: P231946

CATALOG NUMBER: FVS4WM-4-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°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
2.5°	4.6	4.2	3.8	3.4	3.4	3.3	3.3	3.3	3.3	3.2	3.2
5°	8.5	7.8	7.0	6.1	6.1	6.0	6.0	5.9	5.8	5.7	5.6
7.5°	12.5	11.3	10.1	8.9	8.8	8.7	8.6	8.5	8.3	8.2	8.0
10°	16.3	14.8	13.2	11.7	11.5	11.3	11.2	11.0	10.7	10.5	10.4
12.5°	20.2	18.3	16.4	14.4	14.2	14.0	13.7	13.4	13.1	12.9	12.7
15°	24.0	21.7	19.5	17.2	16.9	16.5	16.1	15.8	15.5	15.3	15.0
17.5°	27.7	25.2	22.6	20.0	19.5	19.1	18.6	18.2	17.9	17.6	17.3
20°	31.4	28.6	25.7	22.7	22.2	21.6	21.0	20.7	20.3	20.0	19.6
22.5°	35.3	31.9	28.7	25.5	24.8	24.0	23.4	23.1	22.7	22.2	21.8
25°	43.5	39.9	36.8	33.6	32.9	32.1	31.4	30.7	29.9	28.7	27.5
27.5°	51.9	48.0	44.9	41.7	41.1	40.3	39.8	39.3	38.2	36.8	35.2
30°	60.1	56.0	52.9	49.8	49.3	48.6	48.3	47.9	46.4	44.8	42.4
32.5°	68.3	64.0	60.9	57.9	57.5	57.1	56.9	56.2	54.5	52.2	49.3
35°	76.4	72.0	68.8	65.9	65.8	65.6	65.5	64.5	62.5	59.4	55.9
37.5°	84.3	79.9	76.7	74.0	74.1	74.1	74.2	72.7	70.4	66.2	61.9
40°	92.1	87.7	84.5	82.1	82.4	82.7	83.0	80.8	77.5	72.8	67.4
42.5°	99.9	95.5	92.2	90.2	90.7	91.2	91.8	88.9	84.6	79.3	72.6
45°	107.6	103.2	99.9	98.3	99.1	99.9	100.0	96.9	91.4	84.8	77.4
47.5°	122.0	115.2	109.3	105.3	104.3	103.7	102.5	99.1	93.4	86.9	80.0
50°	137.8	127.8	118.9	112.3	109.4	107.1	104.2	99.8	93.7	87.1	80.6
52.5°	154.1	140.7	128.7	119.3	114.3	110.2	105.8	100.4	94.0	87.5	81.7
55°	170.9	154.0	138.6	126.3	119.1	113.1	107.2	101.0	94.5	88.2	83.2
57.5°	188.2	167.5	148.7	133.4	123.8	115.8	108.5	101.6	95.1	89.3	85.2
60°	206.0	181.3	158.9	140.4	128.4	118.4	109.8	102.3	96.0	90.9	87.8
62.5°	224.0	195.3	169.1	147.4	132.9	120.8	110.9	103.1	97.0	92.9	90.9
65°	242.4	209.5	179.5	154.4	137.4	123.0	112.0	103.9	98.2	95.1	94.4
67.5°	261.1	223.9	190.0	161.4	141.8	125.2	113.1	104.8	99.6	97.6	98.3
70°	262.9	224.5	189.7	160.7	140.7	124.2	112.3	104.3	99.4	98.0	99.6
72.5°	263.3	224.5	189.2	159.9	139.7	123.2	111.5	103.5	98.8	97.5	99.1
75°	263.5	224.4	189.8	159.2	138.7	122.3	110.8	102.9	98.3	96.9	98.6
77.5°	263.3	224.2	188.9	158.4	137.7	121.5	110.2	102.3	97.8	96.4	97.9
80°	263.0	225.0	188.0	157.7	136.8	120.7	109.6	101.7	97.3	95.8	97.3
82.5°	263.4	223.9	187.1	156.9	135.9	120.0	109.1	101.2	96.9	95.2	96.5
85°	261.9	222.9	186.3	156.2	135.1	119.4	108.7	100.8	96.5	94.6	95.7
87.5°	260.5	221.9	185.4	155.4	134.3	118.8	108.3	100.4	96.2	94.0	94.9
90°	259.1	220.9	184.5	154.7	133.5	118.3	108.0	100.1	95.9	93.4	94.1
92.5°	260.5	221.9	185.4	155.4	134.3	118.8	108.3	100.4	96.2	94.0	94.9
95°	261.9	222.9	186.3	156.2	135.1	119.4	108.7	100.8	96.5	94.6	95.7
97.5°	263.4	223.9	187.1	156.9	135.9	120.0	109.1	101.2	96.9	95.2	96.5
100°	263.0	225.0	188.0	157.7	136.8	120.7	109.6	101.7	97.3	95.8	97.3
102.5°	263.3	224.2	188.9	158.4	137.7	121.5	110.2	102.3	97.8	96.4	97.9
105°	263.5	224.4	189.8	159.2	138.7	122.3	110.8	102.9	98.3	96.9	98.6
107.5°	263.3	224.5	189.2	159.9	139.7	123.2	111.5	103.5	98.8	97.5	99.1
110°	262.9	224.5	189.7	160.7	140.7	124.2	112.3	104.3	99.4	98.0	99.6



TEST NUMBER: P231946

CATALOG NUMBER: FVS4WM-4-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°	261.1	223.9	190.0	161.4	141.8	125.2	113.1	104.8	99.6	97.6	98.3
115°	242.4	209.5	179.5	154.4	137.4	123.0	112.0	103.9	98.2	95.1	94.4
117.5°	224.0	195.3	169.1	147.4	132.9	120.8	110.9	103.1	97.0	92.9	90.9
120°	206.0	181.3	158.9	140.4	128.4	118.4	109.8	102.3	96.0	90.9	87.8
122.5°	188.2	167.5	148.7	133.4	123.8	115.8	108.5	101.6	95.1	89.3	85.2
125°	170.9	154.0	138.6	126.3	119.1	113.1	107.2	101.0	94.5	88.2	83.2
127.5°	154.1	140.7	128.7	119.3	114.3	110.2	105.8	100.4	94.0	87.5	81.7
130°	137.8	127.8	118.9	112.3	109.4	107.1	104.2	99.8	93.7	87.1	80.6
132.5°	122.0	115.2	109.3	105.3	104.3	103.7	102.5	99.1	93.4	86.9	80.0
135°	107.6	103.2	99.9	98.3	99.1	99.9	100.0	96.9	91.4	84.8	77.4
137.5°	99.9	95.5	92.2	90.2	90.7	91.2	91.8	88.9	84.6	79.3	72.6
140°	92.1	87.7	84.5	82.1	82.4	82.7	83.0	80.8	77.5	72.8	67.4
142.5°	84.3	79.9	76.7	74.0	74.1	74.1	74.2	72.7	70.4	66.2	61.9
145°	76.4	72.0	68.8	65.9	65.8	65.6	65.5	64.5	62.4	59.4	55.9
147.5°	68.3	64.0	60.9	57.9	57.5	57.1	56.9	56.2	54.5	52.2	49.3
150°	60.1	56.0	52.9	49.8	49.3	48.6	48.3	47.9	46.4	44.8	42.4
152.5°	51.9	48.0	44.9	41.7	41.1	40.3	39.8	39.3	38.2	36.8	35.2
155°	43.5	39.9	36.8	33.6	32.9	32.1	31.4	30.7	29.9	28.7	27.5
157.5°	35.3	31.9	28.7	25.5	24.8	24.0	23.4	23.1	22.7	22.2	21.8
160°	31.4	28.6	25.7	22.7	22.2	21.6	21.0	20.7	20.3	20.0	19.6
162.5°	27.7	25.2	22.6	20.0	19.5	19.1	18.6	18.2	17.9	17.6	17.3
165°	24.0	21.7	19.5	17.2	16.9	16.5	16.1	15.8	15.5	15.3	15.0
167.5°	20.2	18.3	16.4	14.4	14.2	14.0	13.7	13.4	13.1	12.9	12.7
170°	16.3	14.8	13.2	11.7	11.5	11.3	11.2	11.0	10.7	10.5	10.4
172.5°	12.5	11.3	10.1	8.9	8.8	8.7	8.6	8.5	8.3	8.2	8.0
175°	8.5	7.8	7.0	6.1	6.1	6.0	6.0	5.9	5.8	5.7	5.6
177.5°	4.6	4.2	3.8	3.4	3.4	3.3	3.3	3.3	3.3	3.2	3.2
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231946

CATALOG NUMBER: FVS4WM-4-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°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
2.5°	3.1	3.1	3.0	3.0	2.9	2.8	2.8	2.7	2.6	2.5	2.5
5°	5.5	5.4	5.3	5.2	5.0	4.9	4.8	4.7	4.5	4.4	4.2
7.5°	7.8	7.7	7.5	7.4	7.2	7.0	6.8	6.6	6.4	6.1	5.9
10°	10.2	10.0	9.8	9.5	9.3	9.0	8.8	8.5	8.2	7.9	7.6
12.5°	12.5	12.2	11.9	11.6	11.3	11.0	10.7	10.3	9.9	9.5	9.1
15°	14.7	14.4	14.1	13.7	13.3	12.9	12.5	12.0	11.6	11.1	10.6
17.5°	16.9	16.6	16.2	15.7	15.2	14.8	14.3	13.8	13.2	12.7	12.1
20°	19.1	18.7	18.2	17.7	17.1	16.6	16.0	15.4	14.8	14.2	13.6
22.5°	21.3	20.7	20.2	19.6	19.0	18.4	17.7	17.1	16.4	15.7	15.0
25°	26.0	24.5	23.0	21.5	20.8	20.1	19.4	18.7	17.9	17.1	16.4
27.5°	33.3	31.3	29.3	27.3	25.4	23.6	21.8	20.2	19.4	18.6	17.7
30°	40.0	37.5	34.9	32.5	30.2	28.0	25.9	23.9	22.1	20.4	19.0
32.5°	46.3	43.1	40.0	37.0	34.3	31.7	29.4	27.2	25.2	23.2	21.4
35°	52.0	48.1	44.5	41.0	37.9	35.0	32.4	30.0	27.8	25.6	23.6
37.5°	57.2	52.7	48.4	44.6	41.0	37.9	35.1	32.4	29.9	27.6	25.6
40°	61.9	56.8	52.0	47.6	43.9	40.5	37.4	34.5	31.8	29.5	27.5
42.5°	66.3	60.4	55.2	50.5	46.5	42.8	39.4	36.2	33.5	31.2	28.9
45°	70.4	63.9	58.0	53.3	48.9	44.8	41.1	37.9	35.2	32.5	30.0
47.5°	73.3	67.0	60.9	55.7	51.0	46.7	42.6	39.5	36.5	33.6	30.9
50°	74.4	69.0	64.0	59.0	53.8	48.4	44.3	40.9	37.5	34.4	31.5
52.5°	76.5	71.8	67.8	63.3	58.4	53.1	48.2	43.2	38.4	35.0	31.8
55°	79.1	75.6	72.3	68.3	63.3	58.0	52.7	47.4	42.1	37.0	32.2
57.5°	82.3	79.9	77.2	73.5	68.5	62.8	57.1	51.3	45.6	40.0	35.1
60°	86.1	84.8	82.7	78.9	73.7	67.5	61.3	55.1	48.8	42.9	37.7
62.5°	90.3	90.2	88.5	84.5	78.7	72.1	65.5	58.7	51.7	45.7	40.1
65°	95.1	95.9	94.7	90.4	83.7	76.7	69.5	62.0	54.7	48.4	42.3
67.5°	100.3	101.7	100.6	96.1	88.7	81.2	73.5	65.2	57.7	50.9	44.6
70°	102.7	105.3	105.1	101.2	93.7	85.8	77.4	68.2	60.7	53.4	46.7
72.5°	102.3	104.9	104.8	101.1	94.9	87.8	79.6	70.9	63.5	55.8	48.8
75°	101.8	104.6	104.7	101.5	96.0	89.1	80.7	72.0	64.1	56.7	50.0
77.5°	101.3	104.3	104.9	102.3	97.5	90.6	82.0	73.1	64.8	57.3	50.5
80°	100.7	104.1	105.2	103.5	99.3	92.4	83.6	74.3	65.8	58.1	51.3
82.5°	100.0	104.0	105.7	105.0	101.4	94.4	85.4	75.6	67.0	59.1	52.3
85°	99.3	103.8	106.3	106.8	103.6	96.7	87.6	77.2	68.4	60.3	53.6
87.5°	98.5	103.5	106.9	108.6	106.1	99.2	90.1	79.1	70.2	61.9	55.1
90°	97.7	103.2	107.4	110.4	108.6	101.9	92.8	81.3	72.2	63.7	57.0
92.5°	98.5	103.5	106.9	108.6	106.1	99.2	90.1	79.1	70.2	61.9	55.1
95°	99.3	103.8	106.3	106.8	103.6	96.7	87.6	77.2	68.4	60.3	53.6
97.5°	100.0	104.0	105.7	105.0	101.4	94.4	85.4	75.6	67.0	59.1	52.3
100°	100.7	104.1	105.2	103.5	99.3	92.4	83.6	74.3	65.8	58.1	51.3
102.5°	101.3	104.3	104.9	102.3	97.5	90.6	82.0	73.1	64.8	57.3	50.5
105°	101.8	104.6	104.7	101.5	96.0	89.1	80.7	72.0	64.1	56.7	50.0
107.5°	102.3	104.9	104.8	101.1	94.9	87.8	79.6	70.9	63.5	55.8	48.8
110°	102.7	105.3	105.1	101.2	93.7	85.8	77.4	68.2	60.7	53.4	46.7



TEST NUMBER: P231946

CATALOG NUMBER: FVS4WM-4-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°	100.3	101.7	100.6	96.1	88.7	81.2	73.5	65.2	57.7	50.9	44.6
115°	95.1	95.9	94.7	90.4	83.7	76.7	69.5	62.0	54.7	48.4	42.3
117.5°	90.3	90.2	88.5	84.5	78.7	72.1	65.5	58.7	51.7	45.7	40.1
120°	86.1	84.8	82.7	78.9	73.7	67.5	61.3	55.1	48.8	42.9	37.7
122.5°	82.3	79.9	77.2	73.5	68.5	62.8	57.1	51.3	45.6	40.0	35.1
125°	79.1	75.6	72.3	68.3	63.3	58.0	52.7	47.4	42.1	37.0	32.2
127.5°	76.5	71.8	67.8	63.3	58.4	53.1	48.2	43.2	38.4	35.0	31.8
130°	74.4	69.0	64.0	59.0	53.8	48.4	44.3	40.9	37.5	34.4	31.5
132.5°	73.3	67.0	60.9	55.7	51.0	46.7	42.6	39.5	36.5	33.6	30.9
135°	70.4	63.9	58.0	53.3	48.9	44.8	41.1	37.9	35.2	32.5	30.0
137.5°	66.3	60.4	55.2	50.5	46.5	42.8	39.4	36.2	33.5	31.2	28.9
140°	61.9	56.8	52.0	47.6	43.9	40.5	37.4	34.5	31.8	29.5	27.5
142.5°	57.2	52.7	48.4	44.6	41.0	37.9	35.1	32.4	29.9	27.6	25.6
145°	52.0	48.1	44.5	41.0	37.9	35.0	32.4	30.0	27.8	25.6	23.6
147.5°	46.3	43.1	40.0	37.0	34.3	31.7	29.4	27.2	25.2	23.2	21.4
150°	40.0	37.5	34.9	32.5	30.2	28.0	25.9	23.9	22.1	20.4	19.0
152.5°	33.3	31.3	29.3	27.3	25.4	23.6	21.8	20.2	19.4	18.6	17.7
155°	26.0	24.5	23.0	21.5	20.8	20.1	19.4	18.7	17.9	17.1	16.4
157.5°	21.3	20.7	20.2	19.6	19.0	18.4	17.7	17.1	16.4	15.7	15.0
160°	19.1	18.7	18.2	17.7	17.1	16.6	16.0	15.4	14.8	14.2	13.6
162.5°	16.9	16.6	16.2	15.7	15.2	14.8	14.3	13.8	13.2	12.7	12.1
165°	14.7	14.4	14.1	13.7	13.3	12.9	12.5	12.0	11.6	11.1	10.6
167.5°	12.5	12.2	11.9	11.6	11.3	11.0	10.7	10.3	9.9	9.5	9.1
170°	10.2	10.0	9.8	9.5	9.3	9.0	8.8	8.5	8.2	7.9	7.6
172.5°	7.8	7.7	7.5	7.4	7.2	7.0	6.8	6.6	6.4	6.1	5.9
175°	5.5	5.4	5.3	5.2	5.0	4.9	4.8	4.7	4.5	4.4	4.2
177.5°	3.1	3.1	3.0	3.0	2.9	2.8	2.8	2.7	2.6	2.5	2.5
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: P231946

CATALOG NUMBER: FVS4WM-4-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°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
2.5°	2.4	2.3	2.2	2.1	2.0	1.9	1.8	1.7	1.6	1.5	1.4
5°	4.0	3.9	3.7	3.5	3.3	3.1	2.9	2.7	2.5	2.3	2.1
7.5°	5.7	5.4	5.1	4.9	4.6	4.3	4.0	3.7	3.4	3.1	2.8
10°	7.2	6.9	6.5	6.2	5.8	5.4	5.1	4.7	4.3	3.9	3.5
12.5°	8.7	8.3	7.9	7.4	7.0	6.5	6.0	5.6	5.1	4.6	4.1
15°	10.2	9.7	9.1	8.6	8.1	7.5	7.0	6.4	5.9	5.3	4.7
17.5°	11.6	11.0	10.4	9.8	9.2	8.6	7.9	7.3	6.6	6.0	5.3
20°	12.9	12.3	11.6	10.9	10.2	9.5	8.8	8.1	7.4	6.6	5.9
22.5°	14.3	13.5	12.8	12.0	11.2	10.5	9.7	8.9	8.1	7.2	6.4
25°	15.6	14.7	13.9	13.1	12.2	11.4	10.5	9.6	8.7	7.8	6.9
27.5°	16.8	15.9	15.0	14.1	13.2	12.2	11.3	10.3	9.4	8.5	7.6
30°	18.0	17.1	16.1	15.1	14.1	13.2	12.3	11.3	10.3	9.3	8.2
32.5°	19.7	18.2	17.2	16.3	15.4	14.4	13.3	12.1	11.0	9.9	8.8
35°	21.8	20.3	18.9	17.6	16.4	15.2	14.1	13.1	11.9	10.8	9.5
37.5°	23.9	22.2	20.5	18.8	17.5	16.5	15.3	14.0	12.7	11.3	10.0
40°	25.5	23.5	21.8	20.3	18.9	17.5	16.1	14.7	13.3	11.9	10.5
42.5°	26.7	24.8	23.0	21.3	19.6	18.2	16.8	15.4	13.9	12.5	11.0
45°	27.7	25.6	23.6	21.7	20.1	18.6	17.2	16.0	14.4	12.7	11.0
47.5°	28.4	26.0	23.9	22.0	20.3	18.8	17.3	15.8	14.4	12.7	11.0
50°	28.7	26.3	24.1	22.1	20.3	18.6	16.9	15.3	14.0	12.6	10.9
52.5°	28.9	26.3	24.0	21.9	20.0	18.1	16.3	14.8	13.5	12.4	11.2
55°	28.9	26.2	23.8	21.7	19.5	17.4	15.9	14.5	13.3	12.2	11.0
57.5°	30.5	26.2	23.6	21.1	18.8	17.1	15.6	14.3	12.9	11.6	10.4
60°	32.8	28.5	24.3	20.4	18.6	16.9	15.3	13.8	12.4	11.1	10.0
62.5°	35.0	30.3	25.7	22.1	18.9	16.6	14.9	13.4	12.1	11.1	10.0
65°	37.0	31.9	27.4	23.6	20.2	17.2	14.7	13.3	12.3	11.0	9.6
67.5°	38.9	33.5	28.9	24.9	21.4	18.3	15.7	13.7	12.3	10.8	9.1
70°	40.6	35.1	30.3	26.1	22.6	19.3	16.7	14.4	12.3	10.3	8.5
72.5°	42.4	36.7	31.7	27.5	23.7	20.2	17.4	14.5	12.0	9.8	8.1
75°	43.9	38.3	33.1	28.9	24.6	21.0	17.5	14.3	11.6	9.3	7.6
77.5°	44.4	38.8	33.9	29.8	25.5	21.6	17.4	14.0	11.1	8.6	6.5
80°	45.1	39.4	34.6	30.1	25.7	21.4	17.3	13.7	10.6	7.5	5.2
82.5°	46.0	40.3	35.3	30.5	25.9	21.4	17.2	13.7	10.1	6.6	3.9
85°	47.2	41.3	36.3	31.2	26.3	21.6	17.5	13.9	10.0	6.5	3.6
87.5°	48.6	42.7	37.4	32.1	27.0	22.2	18.0	14.4	10.2	6.7	3.7
90°	50.4	44.3	38.8	33.4	27.9	23.1	18.8	15.2	10.9	7.3	4.2
92.5°	48.6	42.7	37.4	32.1	27.0	22.2	18.0	14.4	10.2	6.7	3.7
95°	47.2	41.3	36.3	31.2	26.3	21.6	17.5	13.9	10.0	6.5	3.6
97.5°	46.0	40.3	35.3	30.5	25.9	21.4	17.2	13.7	10.1	6.6	3.9
100°	45.1	39.4	34.6	30.1	25.7	21.4	17.3	13.7	10.6	7.5	5.2
102.5°	44.4	38.8	33.9	29.8	25.5	21.6	17.4	14.0	11.1	8.6	6.5
105°	43.9	38.3	33.1	28.9	24.6	21.0	17.5	14.3	11.6	9.3	7.6
107.5°	42.4	36.7	31.7	27.5	23.7	20.2	17.4	14.5	12.0	9.8	8.1
110°	40.6	35.1	30.3	26.1	22.6	19.3	16.7	14.4	12.3	10.3	8.5



TEST NUMBER: P231946

CATALOG NUMBER: FVS4WM-4-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°	38.9	33.5	28.9	24.9	21.4	18.3	15.7	13.7	12.3	10.8	9.1
115°	37.0	31.9	27.4	23.6	20.2	17.2	14.7	13.3	12.3	11.0	9.6
117.5°	35.0	30.3	25.7	22.1	18.9	16.6	14.9	13.4	12.1	11.1	10.0
120°	32.8	28.5	24.3	20.4	18.6	16.9	15.3	13.8	12.4	11.1	10.0
122.5°	30.5	26.2	23.6	21.1	18.8	17.1	15.6	14.3	12.9	11.6	10.4
125°	28.9	26.2	23.8	21.7	19.5	17.4	15.9	14.5	13.3	12.2	11.0
127.5°	28.9	26.3	24.0	21.9	20.0	18.1	16.3	14.8	13.5	12.4	11.2
130°	28.7	26.3	24.1	22.1	20.3	18.6	16.9	15.3	14.0	12.6	10.9
132.5°	28.4	26.0	23.9	22.0	20.3	18.8	17.3	15.8	14.4	12.7	11.0
135°	27.7	25.6	23.6	21.7	20.1	18.6	17.2	16.0	14.4	12.7	11.0
137.5°	26.7	24.8	23.0	21.3	19.6	18.2	16.8	15.4	13.9	12.5	11.0
140°	25.5	23.5	21.8	20.3	18.9	17.5	16.1	14.7	13.3	11.9	10.5
142.5°	23.9	22.2	20.5	18.8	17.5	16.5	15.3	14.0	12.7	11.3	10.0
145°	21.8	20.3	18.9	17.6	16.4	15.2	14.1	13.1	11.9	10.8	9.5
147.5°	19.7	18.2	17.2	16.3	15.4	14.4	13.3	12.1	11.0	9.9	8.8
150°	18.0	17.1	16.1	15.1	14.1	13.2	12.3	11.3	10.3	9.3	8.2
152.5°	16.8	15.9	15.0	14.1	13.2	12.2	11.3	10.3	9.4	8.5	7.6
155°	15.6	14.7	13.9	13.1	12.2	11.4	10.5	9.6	8.7	7.8	6.9
157.5°	14.3	13.5	12.8	12.0	11.2	10.5	9.7	8.9	8.1	7.2	6.4
160°	12.9	12.3	11.6	10.9	10.2	9.5	8.8	8.1	7.4	6.6	5.9
162.5°	11.6	11.0	10.4	9.8	9.2	8.6	7.9	7.3	6.6	6.0	5.3
165°	10.2	9.7	9.1	8.6	8.1	7.5	7.0	6.4	5.9	5.3	4.7
167.5°	8.7	8.3	7.9	7.4	7.0	6.5	6.0	5.6	5.1	4.6	4.1
170°	7.2	6.9	6.5	6.2	5.8	5.4	5.1	4.7	4.3	3.9	3.5
172.5°	5.7	5.4	5.1	4.9	4.6	4.3	4.0	3.7	3.4	3.1	2.8
175°	4.0	3.9	3.7	3.5	3.3	3.1	2.9	2.7	2.5	2.3	2.1
177.5°	2.4	2.3	2.2	2.1	2.0	1.9	1.8	1.7	1.6	1.5	1.4
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231946

CATALOG NUMBER: FVS4WM-4-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°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
2.5°	1.3	1.2	1.0	0.9	0.8	0.7	0.6	0.7	0.8	0.9	1.0
5°	1.9	1.7	1.5	1.3	1.0	0.8	0.6	0.8	1.0	1.3	1.5
7.5°	2.5	2.2	1.9	1.6	1.2	0.9	0.6	0.9	1.2	1.6	1.9
10°	3.1	2.7	2.3	1.8	1.4	1.0	0.6	1.0	1.4	1.8	2.3
12.5°	3.6	3.1	2.6	2.1	1.6	1.1	0.6	1.1	1.6	2.1	2.6
15°	4.1	3.6	3.0	2.4	1.8	1.2	0.6	1.2	1.8	2.4	3.0
17.5°	4.7	4.0	3.3	2.6	2.0	1.3	0.6	1.3	2.0	2.6	3.3
20°	5.1	4.4	3.6	2.9	2.1	1.4	0.6	1.4	2.1	2.9	3.6
22.5°	5.6	4.8	3.9	3.1	2.3	1.4	0.6	1.4	2.3	3.1	3.9
25°	6.0	5.1	4.2	3.3	2.4	1.5	0.6	1.5	2.4	3.3	4.2
27.5°	6.6	5.6	4.6	3.6	2.6	1.6	0.6	1.6	2.6	3.6	4.6
30°	7.1	6.0	5.0	3.9	2.8	1.7	0.6	1.7	2.8	3.9	5.0
32.5°	7.7	6.5	5.4	4.2	3.0	1.8	0.6	1.8	3.0	4.2	5.4
35°	8.2	7.0	5.7	4.4	3.2	1.9	0.6	1.9	3.2	4.4	5.7
37.5°	8.7	7.3	6.0	4.6	3.3	1.9	0.6	1.9	3.3	4.6	6.0
40°	9.1	7.7	6.3	4.8	3.4	2.0	0.6	2.0	3.4	4.8	6.3
42.5°	9.4	7.9	6.4	4.9	3.5	2.0	0.6	2.0	3.5	4.9	6.4
45°	9.4	7.9	6.4	4.9	3.4	2.0	0.6	2.0	3.4	4.9	6.4
47.5°	9.4	7.8	6.3	4.8	3.4	2.0	0.6	2.0	3.4	4.8	6.3
50°	9.3	7.9	6.4	4.9	3.5	2.0	0.6	2.0	3.5	4.9	6.4
52.5°	9.6	8.0	6.4	4.9	3.4	2.0	0.6	2.0	3.4	4.9	6.4
55°	9.4	7.8	6.2	4.7	3.3	2.0	0.6	2.0	3.3	4.7	6.2
57.5°	9.2	7.6	6.2	4.8	3.4	2.0	0.6	2.0	3.4	4.8	6.2
60°	9.0	7.7	6.1	4.6	3.2	1.9	0.6	1.9	3.2	4.6	6.1
62.5°	8.6	7.3	5.8	4.5	3.3	2.2	1.2	2.2	3.3	4.5	5.8
65°	8.1	6.7	5.3	4.1	3.0	2.1	1.2	2.1	3.0	4.1	5.3
67.5°	7.5	6.0	4.7	3.5	2.6	1.9	1.2	1.9	2.6	3.5	4.7
70°	6.9	5.4	4.0	3.1	2.4	1.8	1.2	1.8	2.4	3.1	4.0
72.5°	6.6	5.0	3.7	2.5	1.8	1.4	1.2	1.4	1.8	2.5	3.7
75°	6.2	4.4	2.9	2.0	1.7	1.4	1.2	1.4	1.7	2.0	2.9
77.5°	4.9	3.6	2.3	1.5	0.7	0.1	0.0	0.1	0.7	1.5	2.3
80°	3.4	2.3	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2
82.5°	2.2	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	1.7	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	1.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	1.7	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	2.2	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	3.4	2.3	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2
102.5°	4.9	3.6	2.3	1.5	0.7	0.1	0.0	0.1	0.7	1.5	2.3
105°	6.2	4.4	2.9	2.0	1.7	1.4	1.2	1.4	1.7	2.0	2.9
107.5°	6.6	5.0	3.7	2.5	1.8	1.4	1.2	1.4	1.8	2.5	3.7
110°	6.9	5.4	4.0	3.1	2.4	1.8	1.2	1.8	2.4	3.1	4.0



TEST NUMBER: P231946

CATALOG NUMBER: FVS4WM-4-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°	7.5	6.0	4.7	3.5	2.6	1.9	1.2	1.9	2.6	3.5	4.7
115°	8.1	6.7	5.3	4.1	3.0	2.1	1.2	2.1	3.0	4.1	5.3
117.5°	8.6	7.3	5.8	4.5	3.3	2.2	1.2	2.2	3.3	4.5	5.8
120°	9.0	7.7	6.1	4.6	3.2	1.9	0.6	1.9	3.2	4.6	6.1
122.5°	9.2	7.6	6.2	4.8	3.4	2.0	0.6	2.0	3.4	4.8	6.2
125°	9.4	7.8	6.2	4.7	3.3	2.0	0.6	2.0	3.3	4.7	6.2
127.5°	9.6	8.0	6.4	4.9	3.4	2.0	0.6	2.0	3.4	4.9	6.4
130°	9.3	7.9	6.4	4.9	3.5	2.0	0.6	2.0	3.5	4.9	6.4
132.5°	9.4	7.8	6.3	4.8	3.4	2.0	0.6	2.0	3.4	4.8	6.3
135°	9.4	7.9	6.4	4.9	3.4	2.0	0.6	2.0	3.4	4.9	6.4
137.5°	9.4	7.9	6.4	4.9	3.5	2.0	0.6	2.0	3.5	4.9	6.4
140°	9.1	7.7	6.3	4.8	3.4	2.0	0.6	2.0	3.4	4.8	6.3
142.5°	8.7	7.3	6.0	4.6	3.3	1.9	0.6	1.9	3.3	4.6	6.0
145°	8.2	7.0	5.7	4.4	3.2	1.9	0.6	1.9	3.2	4.4	5.7
147.5°	7.7	6.5	5.4	4.2	3.0	1.8	0.6	1.8	3.0	4.2	5.4
150°	7.1	6.0	5.0	3.9	2.8	1.7	0.6	1.7	2.8	3.9	5.0
152.5°	6.6	5.6	4.6	3.6	2.6	1.6	0.6	1.6	2.6	3.6	4.6
155°	6.0	5.1	4.2	3.3	2.4	1.5	0.6	1.5	2.4	3.3	4.2
157.5°	5.6	4.8	3.9	3.1	2.3	1.4	0.6	1.4	2.3	3.1	3.9
160°	5.1	4.4	3.6	2.9	2.1	1.4	0.6	1.4	2.1	2.9	3.6
162.5°	4.7	4.0	3.3	2.6	2.0	1.3	0.6	1.3	2.0	2.6	3.3
165°	4.1	3.6	3.0	2.4	1.8	1.2	0.6	1.2	1.8	2.4	3.0
167.5°	3.6	3.1	2.6	2.1	1.6	1.1	0.6	1.1	1.6	2.1	2.6
170°	3.1	2.7	2.3	1.8	1.4	1.0	0.6	1.0	1.4	1.8	2.3
172.5°	2.5	2.2	1.9	1.6	1.2	0.9	0.6	0.9	1.2	1.6	1.9
175°	1.9	1.7	1.5	1.3	1.0	0.8	0.6	0.8	1.0	1.3	1.5
177.5°	1.3	1.2	1.0	0.9	0.8	0.7	0.6	0.7	0.8	0.9	1.0
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: P231946

CATALOG NUMBER: FVS4WM-4-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°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
2.5°	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2
5°	1.7	1.9	2.1	2.3	2.5	2.7	2.9	3.1	3.3	3.5	3.7
7.5°	2.2	2.5	2.8	3.1	3.4	3.7	4.0	4.3	4.6	4.9	5.1
10°	2.7	3.1	3.5	3.9	4.3	4.7	5.1	5.4	5.8	6.2	6.5
12.5°	3.1	3.6	4.1	4.6	5.1	5.6	6.0	6.5	7.0	7.4	7.9
15°	3.6	4.1	4.7	5.3	5.9	6.4	7.0	7.5	8.1	8.6	9.1
17.5°	4.0	4.7	5.3	6.0	6.6	7.3	7.9	8.6	9.2	9.8	10.4
20°	4.4	5.1	5.9	6.6	7.4	8.1	8.8	9.5	10.2	10.9	11.6
22.5°	4.8	5.6	6.4	7.2	8.1	8.9	9.7	10.5	11.2	12.0	12.8
25°	5.1	6.0	6.9	7.8	8.7	9.6	10.5	11.4	12.2	13.1	13.9
27.5°	5.6	6.6	7.6	8.5	9.4	10.3	11.3	12.2	13.2	14.1	15.0
30°	6.0	7.1	8.2	9.3	10.3	11.3	12.3	13.2	14.1	15.1	16.1
32.5°	6.5	7.7	8.8	9.9	11.0	12.1	13.3	14.4	15.4	16.3	17.2
35°	7.0	8.2	9.5	10.8	11.9	13.1	14.1	15.2	16.4	17.6	18.9
37.5°	7.3	8.7	10.0	11.3	12.7	14.0	15.3	16.5	17.5	18.8	20.5
40°	7.7	9.1	10.5	11.9	13.3	14.7	16.1	17.5	18.9	20.3	21.8
42.5°	7.9	9.4	11.0	12.5	13.9	15.4	16.8	18.2	19.6	21.3	23.0
45°	7.9	9.4	11.0	12.7	14.4	16.0	17.2	18.6	20.1	21.7	23.6
47.5°	7.8	9.4	11.0	12.7	14.4	15.8	17.3	18.8	20.3	22.0	23.9
50°	7.9	9.3	10.9	12.6	14.0	15.3	16.9	18.6	20.3	22.1	24.1
52.5°	8.0	9.6	11.2	12.4	13.5	14.8	16.3	18.1	20.0	21.9	24.0
55°	7.8	9.4	11.0	12.2	13.3	14.5	15.9	17.4	19.5	21.7	23.8
57.5°	7.6	9.2	10.4	11.6	12.9	14.3	15.6	17.1	18.8	21.1	23.6
60°	7.7	9.0	10.0	11.1	12.4	13.8	15.3	16.9	18.6	20.4	24.3
62.5°	7.3	8.6	10.0	11.1	12.1	13.4	14.9	16.6	18.9	22.1	25.7
65°	6.7	8.1	9.6	11.0	12.3	13.3	14.7	17.2	20.2	23.6	27.4
67.5°	6.0	7.5	9.1	10.8	12.3	13.7	15.7	18.3	21.4	24.9	28.9
70°	5.4	6.9	8.5	10.3	12.3	14.4	16.7	19.3	22.6	26.1	30.3
72.5°	5.0	6.6	8.1	9.8	12.0	14.5	17.4	20.2	23.7	27.5	31.7
75°	4.4	6.2	7.6	9.3	11.6	14.3	17.5	21.0	24.6	28.9	33.1
77.5°	3.6	4.9	6.5	8.6	11.1	14.0	17.4	21.6	25.5	29.8	33.9
80°	2.3	3.4	5.2	7.5	10.6	13.7	17.3	21.4	25.7	30.1	34.6
82.5°	1.2	2.2	3.9	6.6	10.1	13.7	17.2	21.4	25.9	30.5	35.3
85°	0.5	1.7	3.6	6.5	10.0	13.9	17.5	21.6	26.3	31.2	36.3
87.5°	0.1	1.4	3.7	6.7	10.2	14.4	18.0	22.2	27.0	32.1	37.4
90°	0.0	1.2	4.2	7.3	10.9	15.2	18.8	23.1	27.9	33.4	38.8
92.5°	0.1	1.4	3.7	6.7	10.2	14.4	18.0	22.2	27.0	32.1	37.4
95°	0.5	1.7	3.6	6.5	10.0	13.9	17.5	21.6	26.3	31.2	36.3
97.5°	1.2	2.2	3.9	6.6	10.1	13.7	17.2	21.4	25.9	30.5	35.3
100°	2.3	3.4	5.2	7.5	10.6	13.7	17.3	21.4	25.7	30.1	34.6
102.5°	3.6	4.9	6.5	8.6	11.1	14.0	17.4	21.6	25.5	29.8	33.9
105°	4.4	6.2	7.6	9.3	11.6	14.3	17.5	21.0	24.6	28.9	33.1
107.5°	5.0	6.6	8.1	9.8	12.0	14.5	17.4	20.2	23.7	27.5	31.7
110°	5.4	6.9	8.5	10.3	12.3	14.4	16.7	19.3	22.6	26.1	30.3



TEST NUMBER: P231946

CATALOG NUMBER: FVS4WM-4-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°	6.0	7.5	9.1	10.8	12.3	13.7	15.7	18.3	21.4	24.9	28.9
115°	6.7	8.1	9.6	11.0	12.3	13.3	14.7	17.2	20.2	23.6	27.4
117.5°	7.3	8.6	10.0	11.1	12.1	13.4	14.9	16.6	18.9	22.1	25.7
120°	7.7	9.0	10.0	11.1	12.4	13.8	15.3	16.9	18.6	20.4	24.3
122.5°	7.6	9.2	10.4	11.6	12.9	14.3	15.6	17.1	18.8	21.1	23.6
125°	7.8	9.4	11.0	12.2	13.3	14.5	15.9	17.4	19.5	21.7	23.8
127.5°	8.0	9.6	11.2	12.4	13.5	14.8	16.3	18.1	20.0	21.9	24.0
130°	7.9	9.3	10.9	12.6	14.0	15.3	16.9	18.6	20.3	22.1	24.1
132.5°	7.8	9.4	11.0	12.7	14.4	15.8	17.3	18.8	20.3	22.0	23.9
135°	7.9	9.4	11.0	12.7	14.4	16.0	17.2	18.6	20.1	21.7	23.6
137.5°	7.9	9.4	11.0	12.5	13.9	15.4	16.8	18.2	19.6	21.3	23.0
140°	7.7	9.1	10.5	11.9	13.3	14.7	16.1	17.5	18.9	20.3	21.8
142.5°	7.3	8.7	10.0	11.3	12.7	14.0	15.3	16.5	17.5	18.8	20.5
145°	7.0	8.2	9.5	10.8	11.9	13.1	14.1	15.2	16.4	17.6	18.9
147.5°	6.5	7.7	8.8	9.9	11.0	12.1	13.3	14.4	15.4	16.3	17.2
150°	6.0	7.1	8.2	9.3	10.3	11.3	12.3	13.2	14.1	15.1	16.1
152.5°	5.6	6.6	7.6	8.5	9.4	10.3	11.3	12.2	13.2	14.1	15.0
155°	5.1	6.0	6.9	7.8	8.7	9.6	10.5	11.4	12.2	13.1	13.9
157.5°	4.8	5.6	6.4	7.2	8.1	8.9	9.7	10.5	11.2	12.0	12.8
160°	4.4	5.1	5.9	6.6	7.4	8.1	8.8	9.5	10.2	10.9	11.6
162.5°	4.0	4.7	5.3	6.0	6.6	7.3	7.9	8.6	9.2	9.8	10.4
165°	3.6	4.1	4.7	5.3	5.9	6.4	7.0	7.5	8.1	8.6	9.1
167.5°	3.1	3.6	4.1	4.6	5.1	5.6	6.0	6.5	7.0	7.4	7.9
170°	2.7	3.1	3.5	3.9	4.3	4.7	5.1	5.4	5.8	6.2	6.5
172.5°	2.2	2.5	2.8	3.1	3.4	3.7	4.0	4.3	4.6	4.9	5.1
175°	1.7	1.9	2.1	2.3	2.5	2.7	2.9	3.1	3.3	3.5	3.7
177.5°	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	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: P231946

CATALOG NUMBER: FVS4WM-4-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°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
2.5°	2.3	2.4	2.5	2.5	2.6	2.7	2.8	2.8	2.9	3.0	3.0
5°	3.9	4.0	4.2	4.4	4.5	4.7	4.8	4.9	5.0	5.2	5.3
7.5°	5.4	5.7	5.9	6.1	6.4	6.6	6.8	7.0	7.2	7.4	7.5
10°	6.9	7.2	7.6	7.9	8.2	8.5	8.8	9.0	9.3	9.5	9.8
12.5°	8.3	8.7	9.1	9.5	9.9	10.3	10.7	11.0	11.3	11.6	11.9
15°	9.7	10.2	10.6	11.1	11.6	12.0	12.5	12.9	13.3	13.7	14.1
17.5°	11.0	11.6	12.1	12.7	13.2	13.8	14.3	14.8	15.2	15.7	16.2
20°	12.3	12.9	13.6	14.2	14.8	15.4	16.0	16.6	17.1	17.7	18.2
22.5°	13.5	14.3	15.0	15.7	16.4	17.1	17.7	18.4	19.0	19.6	20.2
25°	14.7	15.6	16.4	17.1	17.9	18.7	19.4	20.1	20.8	21.5	23.0
27.5°	15.9	16.8	17.7	18.6	19.4	20.2	21.8	23.6	25.4	27.3	29.3
30°	17.1	18.0	19.0	20.4	22.1	23.9	25.9	28.0	30.2	32.5	34.9
32.5°	18.2	19.7	21.4	23.2	25.2	27.2	29.4	31.7	34.3	37.0	40.0
35°	20.3	21.8	23.6	25.6	27.8	30.0	32.4	35.0	37.9	41.0	44.5
37.5°	22.2	23.9	25.6	27.6	29.9	32.4	35.1	37.9	41.0	44.6	48.4
40°	23.5	25.5	27.5	29.5	31.8	34.5	37.4	40.5	43.9	47.6	52.0
42.5°	24.8	26.7	28.9	31.2	33.5	36.2	39.4	42.8	46.5	50.5	55.2
45°	25.6	27.7	30.0	32.5	35.2	37.9	41.1	44.8	48.9	53.3	58.0
47.5°	26.0	28.4	30.9	33.6	36.5	39.5	42.6	46.7	51.0	55.7	60.9
50°	26.3	28.7	31.5	34.4	37.5	40.9	44.3	48.4	53.8	59.0	64.0
52.5°	26.3	28.9	31.8	35.0	38.4	43.2	48.2	53.1	58.4	63.3	67.8
55°	26.2	28.9	32.2	37.0	42.1	47.4	52.7	58.0	63.3	68.3	72.3
57.5°	26.2	30.5	35.1	40.0	45.6	51.3	57.1	62.8	68.5	73.5	77.2
60°	28.5	32.8	37.7	42.9	48.8	55.1	61.3	67.5	73.7	78.9	82.7
62.5°	30.3	35.0	40.1	45.7	51.7	58.7	65.5	72.1	78.7	84.5	88.5
65°	31.9	37.0	42.3	48.4	54.7	62.0	69.5	76.7	83.7	90.4	94.7
67.5°	33.5	38.9	44.6	50.9	57.7	65.2	73.5	81.2	88.7	96.1	100.6
70°	35.1	40.6	46.7	53.4	60.7	68.2	77.4	85.8	93.7	101.2	105.1
72.5°	36.7	42.4	48.8	55.8	63.5	70.9	79.6	87.8	94.9	101.1	104.8
75°	38.3	43.9	50.0	56.7	64.1	72.0	80.7	89.1	96.0	101.5	104.7
77.5°	38.8	44.4	50.5	57.3	64.8	73.1	82.0	90.6	97.5	102.3	104.9
80°	39.4	45.1	51.3	58.1	65.8	74.3	83.6	92.4	99.3	103.5	105.2
82.5°	40.3	46.0	52.3	59.1	67.0	75.6	85.4	94.4	101.4	105.0	105.7
85°	41.3	47.2	53.6	60.3	68.4	77.2	87.6	96.7	103.6	106.8	106.3
87.5°	42.7	48.6	55.1	61.9	70.2	79.1	90.1	99.2	106.1	108.6	106.9
90°	44.3	50.4	57.0	63.7	72.2	81.3	92.8	101.9	108.6	110.4	107.4
92.5°	42.7	48.6	55.1	61.9	70.2	79.1	90.1	99.2	106.1	108.6	106.9
95°	41.3	47.2	53.6	60.3	68.4	77.2	87.6	96.7	103.6	106.8	106.3
97.5°	40.3	46.0	52.3	59.1	67.0	75.6	85.4	94.4	101.4	105.0	105.7
100°	39.4	45.1	51.3	58.1	65.8	74.3	83.6	92.4	99.3	103.5	105.2
102.5°	38.8	44.4	50.5	57.3	64.8	73.1	82.0	90.6	97.5	102.3	104.9
105°	38.3	43.9	50.0	56.7	64.1	72.0	80.7	89.1	96.0	101.5	104.7
107.5°	36.7	42.4	48.8	55.8	63.5	70.9	79.6	87.8	94.9	101.1	104.8
110°	35.1	40.6	46.7	53.4	60.7	68.2	77.4	85.8	93.7	101.2	105.1



TEST NUMBER: P231946

CATALOG NUMBER: FVS4WM-4-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°	33.5	38.9	44.6	50.9	57.7	65.2	73.5	81.2	88.7	96.1	100.6
115°	31.9	37.0	42.3	48.4	54.7	62.0	69.5	76.7	83.7	90.4	94.7
117.5°	30.3	35.0	40.1	45.7	51.7	58.7	65.5	72.1	78.7	84.5	88.5
120°	28.5	32.8	37.7	42.9	48.8	55.1	61.3	67.5	73.7	78.9	82.7
122.5°	26.2	30.5	35.1	40.0	45.6	51.3	57.1	62.8	68.5	73.5	77.2
125°	26.2	28.9	32.2	37.0	42.1	47.4	52.7	58.0	63.3	68.3	72.3
127.5°	26.3	28.9	31.8	35.0	38.4	43.2	48.2	53.1	58.4	63.3	67.8
130°	26.3	28.7	31.5	34.4	37.5	40.9	44.3	48.4	53.8	59.0	64.0
132.5°	26.0	28.4	30.9	33.6	36.5	39.5	42.6	46.7	51.0	55.7	60.9
135°	25.6	27.7	30.0	32.5	35.2	37.9	41.1	44.8	48.9	53.3	58.0
137.5°	24.8	26.7	28.9	31.2	33.5	36.2	39.4	42.8	46.5	50.5	55.2
140°	23.5	25.5	27.5	29.5	31.8	34.5	37.4	40.5	43.9	47.6	52.0
142.5°	22.2	23.9	25.6	27.6	29.9	32.4	35.1	37.9	41.0	44.6	48.4
145°	20.3	21.8	23.6	25.6	27.8	30.0	32.4	35.0	37.9	41.0	44.5
147.5°	18.2	19.7	21.4	23.2	25.2	27.2	29.4	31.7	34.3	37.0	40.0
150°	17.1	18.0	19.0	20.4	22.1	23.9	25.9	28.0	30.2	32.5	34.9
152.5°	15.9	16.8	17.7	18.6	19.4	20.2	21.8	23.6	25.4	27.3	29.3
155°	14.7	15.6	16.4	17.1	17.9	18.7	19.4	20.1	20.8	21.5	23.0
157.5°	13.5	14.3	15.0	15.7	16.4	17.1	17.7	18.4	19.0	19.6	20.2
160°	12.3	12.9	13.6	14.2	14.8	15.4	16.0	16.6	17.1	17.7	18.2
162.5°	11.0	11.6	12.1	12.7	13.2	13.8	14.3	14.8	15.2	15.7	16.2
165°	9.7	10.2	10.6	11.1	11.6	12.0	12.5	12.9	13.3	13.7	14.1
167.5°	8.3	8.7	9.1	9.5	9.9	10.3	10.7	11.0	11.3	11.6	11.9
170°	6.9	7.2	7.6	7.9	8.2	8.5	8.8	9.0	9.3	9.5	9.8
172.5°	5.4	5.7	5.9	6.1	6.4	6.6	6.8	7.0	7.2	7.4	7.5
175°	3.9	4.0	4.2	4.4	4.5	4.7	4.8	4.9	5.0	5.2	5.3
177.5°	2.3	2.4	2.5	2.5	2.6	2.7	2.8	2.8	2.9	3.0	3.0
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: P231946

CATALOG NUMBER: FVS4WM-4-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°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
2.5°	3.1	3.1	3.2	3.2	3.3	3.3	3.3	3.3	3.4	3.4	3.8
5°	5.4	5.5	5.6	5.7	5.8	5.9	6.0	6.0	6.1	6.1	7.0
7.5°	7.7	7.8	8.0	8.2	8.3	8.5	8.6	8.7	8.8	8.9	10.1
10°	10.0	10.2	10.4	10.5	10.7	11.0	11.2	11.3	11.5	11.7	13.2
12.5°	12.2	12.5	12.7	12.9	13.1	13.4	13.7	14.0	14.2	14.4	16.4
15°	14.4	14.7	15.0	15.3	15.5	15.8	16.1	16.5	16.9	17.2	19.5
17.5°	16.6	16.9	17.3	17.6	17.9	18.2	18.6	19.1	19.5	20.0	22.6
20°	18.7	19.1	19.6	20.0	20.3	20.7	21.0	21.6	22.2	22.7	25.7
22.5°	20.7	21.3	21.8	22.2	22.7	23.1	23.4	24.0	24.8	25.5	28.7
25°	24.5	26.0	27.5	28.7	29.9	30.7	31.4	32.1	32.9	33.6	36.8
27.5°	31.3	33.3	35.2	36.8	38.2	39.3	39.8	40.3	41.1	41.7	44.9
30°	37.5	40.0	42.4	44.8	46.4	47.9	48.3	48.6	49.3	49.8	52.9
32.5°	43.1	46.3	49.3	52.2	54.5	56.2	56.9	57.1	57.5	57.9	60.9
35°	48.1	52.0	55.9	59.4	62.4	64.5	65.5	65.6	65.8	65.9	68.8
37.5°	52.7	57.2	61.9	66.2	70.4	72.7	74.2	74.1	74.1	74.0	76.7
40°	56.8	61.9	67.4	72.8	77.5	80.8	83.0	82.7	82.4	82.1	84.5
42.5°	60.4	66.3	72.6	79.3	84.6	88.9	91.8	91.2	90.7	90.2	92.2
45°	63.9	70.4	77.4	84.8	91.4	96.9	100.0	99.9	99.1	98.3	99.9
47.5°	67.0	73.3	80.0	86.9	93.4	99.1	102.5	103.7	104.3	105.3	109.3
50°	69.0	74.4	80.6	87.1	93.7	99.8	104.2	107.1	109.4	112.3	118.9
52.5°	71.8	76.5	81.7	87.5	94.0	100.4	105.8	110.2	114.3	119.3	128.7
55°	75.6	79.1	83.2	88.2	94.5	101.0	107.2	113.1	119.1	126.3	138.6
57.5°	79.9	82.3	85.2	89.3	95.1	101.6	108.5	115.8	123.8	133.4	148.7
60°	84.8	86.1	87.8	90.9	96.0	102.3	109.8	118.4	128.4	140.4	158.9
62.5°	90.2	90.3	90.9	92.9	97.0	103.1	110.9	120.8	132.9	147.4	169.1
65°	95.9	95.1	94.4	95.1	98.2	103.9	112.0	123.0	137.4	154.4	179.5
67.5°	101.7	100.3	98.3	97.6	99.6	104.8	113.1	125.2	141.8	161.4	190.0
70°	105.3	102.7	99.6	98.0	99.4	104.3	112.3	124.2	140.7	160.7	189.7
72.5°	104.9	102.3	99.1	97.5	98.8	103.5	111.5	123.2	139.7	159.9	189.2
75°	104.6	101.8	98.6	96.9	98.3	102.9	110.8	122.3	138.7	159.2	189.8
77.5°	104.3	101.3	97.9	96.4	97.8	102.3	110.2	121.5	137.7	158.4	188.9
80°	104.1	100.7	97.3	95.8	97.3	101.7	109.6	120.7	136.8	157.7	188.0
82.5°	104.0	100.0	96.5	95.2	96.9	101.2	109.1	120.0	135.9	156.9	187.1
85°	103.8	99.3	95.7	94.6	96.5	100.8	108.7	119.4	135.1	156.2	186.3
87.5°	103.5	98.5	94.9	94.0	96.2	100.4	108.3	118.8	134.3	155.4	185.4
90°	103.2	97.7	94.1	93.4	95.9	100.1	108.0	118.3	133.5	154.7	184.5
92.5°	103.5	98.5	94.9	94.0	96.2	100.4	108.3	118.8	134.3	155.4	185.4
95°	103.8	99.3	95.7	94.6	96.5	100.8	108.7	119.4	135.1	156.2	186.3
97.5°	104.0	100.0	96.5	95.2	96.9	101.2	109.1	120.0	135.9	156.9	187.1
100°	104.1	100.7	97.3	95.8	97.3	101.7	109.6	120.7	136.8	157.7	188.0
102.5°	104.3	101.3	97.9	96.4	97.8	102.3	110.2	121.5	137.7	158.4	188.9
105°	104.6	101.8	98.6	96.9	98.3	102.9	110.8	122.3	138.7	159.2	189.8
107.5°	104.9	102.3	99.1	97.5	98.8	103.5	111.5	123.2	139.7	159.9	189.2
110°	105.3	102.7	99.6	98.0	99.4	104.3	112.3	124.2	140.7	160.7	189.7



TEST NUMBER: P231946

CATALOG NUMBER: FVS4WM-4-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°	101.7	100.3	98.3	97.6	99.6	104.8	113.1	125.2	141.8	161.4	190.0
115°	95.9	95.1	94.4	95.1	98.2	103.9	112.0	123.0	137.4	154.4	179.5
117.5°	90.2	90.3	90.9	92.9	97.0	103.1	110.9	120.8	132.9	147.4	169.1
120°	84.8	86.1	87.8	90.9	96.0	102.3	109.8	118.4	128.4	140.4	158.9
122.5°	79.9	82.3	85.2	89.3	95.1	101.6	108.5	115.8	123.8	133.4	148.7
125°	75.6	79.1	83.2	88.2	94.5	101.0	107.2	113.1	119.1	126.3	138.6
127.5°	71.8	76.5	81.7	87.5	94.0	100.4	105.8	110.2	114.3	119.3	128.7
130°	69.0	74.4	80.6	87.1	93.7	99.8	104.2	107.1	109.4	112.3	118.9
132.5°	67.0	73.3	80.0	86.9	93.4	99.1	102.5	103.7	104.3	105.3	109.3
135°	63.9	70.4	77.4	84.8	91.4	96.9	100.0	99.9	99.1	98.3	99.9
137.5°	60.4	66.3	72.6	79.3	84.6	88.9	91.8	91.2	90.7	90.2	92.2
140°	56.8	61.9	67.4	72.8	77.5	80.8	83.0	82.7	82.4	82.1	84.5
142.5°	52.7	57.2	61.9	66.2	70.4	72.7	74.2	74.1	74.1	74.0	76.7
145°	48.1	52.0	55.9	59.4	62.4	64.5	65.5	65.6	65.8	65.9	68.8
147.5°	43.1	46.3	49.3	52.2	54.5	56.2	56.9	57.1	57.5	57.9	60.9
150°	37.5	40.0	42.4	44.8	46.4	47.9	48.3	48.6	49.3	49.8	52.9
152.5°	31.3	33.3	35.2	36.8	38.2	39.3	39.8	40.3	41.1	41.7	44.9
155°	24.5	26.0	27.5	28.7	29.9	30.7	31.4	32.1	32.9	33.6	36.8
157.5°	20.7	21.3	21.8	22.2	22.7	23.1	23.4	24.0	24.8	25.5	28.7
160°	18.7	19.1	19.6	20.0	20.3	20.7	21.0	21.6	22.2	22.7	25.7
162.5°	16.6	16.9	17.3	17.6	17.9	18.2	18.6	19.1	19.5	20.0	22.6
165°	14.4	14.7	15.0	15.3	15.5	15.8	16.1	16.5	16.9	17.2	19.5
167.5°	12.2	12.5	12.7	12.9	13.1	13.4	13.7	14.0	14.2	14.4	16.4
170°	10.0	10.2	10.4	10.5	10.7	11.0	11.2	11.3	11.5	11.7	13.2
172.5°	7.7	7.8	8.0	8.2	8.3	8.5	8.6	8.7	8.8	8.9	10.1
175°	5.4	5.5	5.6	5.7	5.8	5.9	6.0	6.0	6.1	6.1	7.0
177.5°	3.1	3.1	3.2	3.2	3.3	3.3	3.3	3.3	3.4	3.4	3.8
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: P231946

CATALOG NUMBER: FVS4WM-4-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°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
2.5°	4.2	4.6	5.0	5.4	5.7	6.1	6.5	6.8	7.2	7.5	7.8
5°	7.8	8.5	9.3	10.1	10.8	11.6	12.3	12.9	13.6	14.2	14.9
7.5°	11.3	12.5	13.6	14.7	15.8	16.9	18.0	19.3	20.5	21.8	22.9
10°	14.8	16.3	17.8	19.3	20.8	22.6	24.3	26.0	27.7	29.3	30.9
12.5°	18.3	20.2	22.0	24.0	26.2	28.4	30.5	32.6	34.6	36.5	38.3
15°	21.7	24.0	26.2	28.9	31.5	34.0	36.5	39.0	41.4	43.7	46.3
17.5°	25.2	27.7	30.6	33.6	36.6	39.6	42.6	45.6	48.4	51.2	53.8
20°	28.6	31.4	34.9	38.3	41.6	45.3	48.8	52.3	55.6	58.8	61.8
22.5°	31.9	35.3	39.1	42.8	46.9	51.1	55.2	59.1	63.0	66.6	70.2
25°	39.9	43.5	47.2	51.0	55.2	59.3	63.4	67.3	71.1	74.9	79.0
27.5°	48.0	51.9	55.8	60.1	64.5	68.9	73.3	77.5	81.7	85.7	89.0
30°	56.0	60.1	64.3	68.9	73.8	78.3	83.0	87.5	91.8	95.5	98.8
32.5°	64.0	68.3	72.7	77.6	82.5	87.6	92.5	97.0	101.1	104.8	107.1
35°	72.0	76.4	81.0	86.0	91.4	97.1	101.5	106.1	110.0	113.0	113.9
37.5°	79.9	84.3	89.2	94.2	100.1	105.4	110.2	114.5	118.8	119.6	120.4
40°	87.7	92.1	97.2	102.6	108.6	113.8	118.5	122.6	125.1	126.0	126.2
42.5°	95.5	99.9	105.0	110.8	117.0	121.9	126.3	130.5	131.4	131.8	131.8
45°	103.2	107.6	112.7	118.9	124.9	129.6	133.9	136.7	137.4	137.3	137.5
47.5°	115.2	122.0	129.0	135.7	140.2	142.8	144.8	143.7	142.9	142.6	143.1
50°	127.8	137.8	147.9	156.4	160.3	162.5	163.7	161.3	158.1	154.9	152.2
52.5°	140.7	154.1	167.1	177.4	180.3	181.9	181.5	178.4	174.4	170.9	168.5
55°	154.0	170.9	186.7	197.9	199.9	200.9	198.9	195.0	190.5	186.5	184.3
57.5°	167.5	188.2	206.5	217.8	219.3	219.6	216.1	211.3	206.3	202.0	199.6
60°	181.3	206.0	226.6	237.4	238.4	237.9	233.0	227.3	221.7	217.5	215.7
62.5°	195.3	224.0	246.9	257.0	257.2	255.4	249.6	243.1	236.9	232.6	231.7
65°	209.5	242.4	267.4	276.4	275.9	272.6	266.0	258.8	251.8	247.3	247.2
67.5°	223.9	261.1	288.0	295.6	294.4	289.7	282.2	274.3	267.0	262.4	262.5
70°	224.5	262.9	291.6	301.9	303.7	299.9	293.6	286.8	280.6	277.5	279.0
72.5°	224.5	263.3	292.7	305.7	309.9	306.1	300.6	295.0	290.0	287.8	290.7
75°	224.4	263.5	293.8	310.0	316.4	312.3	308.0	303.6	299.5	297.9	301.5
77.5°	224.2	263.3	294.7	314.7	323.1	318.5	315.8	312.4	309.2	307.9	311.8
80°	225.0	263.0	295.5	319.7	330.1	324.9	323.9	321.6	319.1	317.7	321.9
82.5°	223.9	263.4	297.3	324.9	337.1	331.4	332.1	331.0	329.2	327.5	331.7
85°	222.9	261.9	297.1	330.7	344.5	337.7	340.6	340.5	339.3	337.3	341.2
87.5°	221.9	260.5	296.9	335.2	351.2	344.5	349.0	350.2	349.5	347.0	350.6
90°	220.9	259.1	296.7	339.8	358.0	351.3	357.4	359.8	359.8	356.8	359.8
92.5°	221.9	260.5	296.9	335.2	351.2	344.5	349.0	350.2	349.5	347.0	350.6
95°	222.9	261.9	297.1	330.7	344.5	337.7	340.6	340.5	339.3	337.3	341.2
97.5°	223.9	263.4	297.3	324.9	337.1	331.4	332.1	331.0	329.2	327.5	331.7
100°	225.0	263.0	295.5	319.7	330.1	324.9	323.9	321.6	319.1	317.7	321.9
102.5°	224.2	263.3	294.7	314.7	323.1	318.5	315.8	312.4	309.2	307.9	311.8
105°	224.4	263.5	293.8	310.0	316.4	312.3	308.0	303.6	299.5	297.9	301.5
107.5°	224.5	263.3	292.7	305.7	309.9	306.1	300.6	295.0	290.0	287.8	290.7
110°	224.5	262.9	291.6	301.9	303.7	299.9	293.6	286.8	280.6	277.5	279.0



TEST NUMBER: P231946

CATALOG NUMBER: FVS4WM-4-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°	223.9	261.1	288.0	295.6	294.4	289.7	282.2	274.3	267.0	262.4	262.5
115°	209.5	242.4	267.4	276.4	275.9	272.6	266.0	258.8	251.8	247.3	247.2
117.5°	195.3	224.0	246.9	257.0	257.2	255.4	249.6	243.1	236.9	232.6	231.7
120°	181.3	206.0	226.6	237.4	238.4	237.9	233.0	227.3	221.7	217.5	215.7
122.5°	167.5	188.2	206.5	217.8	219.3	219.6	216.1	211.3	206.3	202.0	199.6
125°	154.0	170.9	186.7	197.9	199.9	200.9	198.9	195.0	190.5	186.5	184.3
127.5°	140.7	154.1	167.1	177.4	180.3	181.9	181.5	178.4	174.4	170.9	168.5
130°	127.8	137.8	147.9	156.4	160.3	162.5	163.7	161.3	158.1	154.9	152.2
132.5°	115.2	122.0	129.0	135.7	140.2	142.8	144.8	143.7	142.9	142.6	143.1
135°	103.2	107.6	112.7	118.9	124.9	129.6	133.9	136.7	137.4	137.3	137.5
137.5°	95.5	99.9	105.0	110.8	117.0	121.9	126.3	130.5	131.4	131.8	131.8
140°	87.7	92.1	97.2	102.6	108.6	113.8	118.5	122.6	125.1	126.0	126.2
142.5°	79.9	84.3	89.2	94.2	100.1	105.4	110.2	114.5	118.8	119.6	120.4
145°	72.0	76.4	81.0	86.0	91.4	97.1	101.5	106.1	110.0	113.0	113.9
147.5°	64.0	68.3	72.7	77.6	82.5	87.6	92.5	97.0	101.1	104.8	107.1
150°	56.0	60.1	64.3	68.9	73.8	78.3	83.0	87.5	91.8	95.5	98.8
152.5°	48.0	51.9	55.8	60.1	64.5	68.9	73.3	77.5	81.7	85.7	89.0
155°	39.9	43.5	47.2	51.0	55.2	59.3	63.4	67.3	71.1	74.9	79.0
157.5°	31.9	35.3	39.1	42.8	46.9	51.1	55.2	59.1	63.0	66.6	70.2
160°	28.6	31.4	34.9	38.3	41.6	45.3	48.8	52.3	55.6	58.8	61.8
162.5°	25.2	27.7	30.6	33.6	36.6	39.6	42.6	45.6	48.4	51.2	53.8
165°	21.7	24.0	26.2	28.9	31.5	34.0	36.5	39.0	41.4	43.7	46.3
167.5°	18.3	20.2	22.0	24.0	26.2	28.4	30.5	32.6	34.6	36.5	38.3
170°	14.8	16.3	17.8	19.3	20.8	22.6	24.3	26.0	27.7	29.3	30.9
172.5°	11.3	12.5	13.6	14.7	15.8	16.9	18.0	19.3	20.5	21.8	22.9
175°	7.8	8.5	9.3	10.1	10.8	11.6	12.3	12.9	13.6	14.2	14.9
177.5°	4.2	4.6	5.0	5.4	5.7	6.1	6.5	6.8	7.2	7.5	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: P231946

CATALOG NUMBER: FVS4WM-4-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°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
2.5°	8.1	8.4	8.6	8.9	9.1	9.3	9.6	9.7	9.9	10.1	10.2
5°	15.6	16.4	17.1	17.7	18.4	18.9	19.5	20.0	20.5	21.0	21.4
7.5°	24.1	25.2	26.2	27.2	28.1	28.9	29.6	30.2	30.8	31.3	31.8
10°	32.2	33.5	34.7	35.9	37.0	38.0	38.9	39.7	40.5	41.1	41.6
12.5°	40.0	41.7	43.2	44.6	46.0	47.2	48.3	49.3	50.2	50.8	51.3
15°	48.0	50.0	51.8	53.6	55.1	56.4	57.5	58.5	59.3	59.9	60.5
17.5°	56.2	58.9	60.6	62.5	64.2	65.7	67.0	68.3	69.4	70.3	71.1
20°	64.7	67.3	69.7	71.9	73.8	75.6	77.2	78.5	79.5	80.4	81.3
22.5°	73.5	76.5	79.1	81.4	83.7	84.9	86.0	87.2	88.4	89.5	90.7
25°	82.5	85.5	88.8	89.8	91.1	92.3	93.5	94.7	96.0	97.5	99.2
27.5°	92.1	94.3	95.0	96.3	97.3	98.3	99.7	101.2	103.0	104.9	107.5
30°	100.9	101.7	102.3	102.5	102.5	103.3	105.0	106.9	110.2	113.5	117.1
32.5°	108.0	108.6	108.7	108.9	109.6	110.1	112.0	114.4	118.4	123.6	128.7
35°	114.6	114.7	115.1	115.8	116.9	119.2	121.5	125.6	129.5	135.6	143.6
37.5°	120.5	120.9	121.6	123.0	125.5	128.8	133.3	138.4	145.6	153.1	162.1
40°	126.4	127.1	128.5	131.0	134.9	139.6	146.5	154.4	164.4	175.6	187.6
42.5°	132.4	133.4	135.9	139.8	144.8	152.6	161.2	173.7	187.3	202.3	218.2
45°	138.1	140.3	143.7	148.8	156.9	166.2	180.3	195.0	212.9	231.3	250.8
47.5°	144.5	146.8	152.0	159.5	169.3	184.0	200.3	219.5	240.2	261.8	285.6
50°	151.2	154.6	160.7	170.9	185.2	201.9	222.3	244.7	269.2	295.1	322.5
52.5°	167.4	169.1	174.7	183.9	201.6	221.7	244.9	270.9	299.1	329.8	362.9
55°	184.3	187.4	194.8	207.0	222.7	241.8	267.3	297.8	330.6	366.2	400.9
57.5°	200.8	206.3	215.9	229.3	246.2	268.5	295.0	325.6	363.0	399.1	435.9
60°	217.5	224.5	236.4	250.9	269.7	293.7	323.2	358.0	393.3	428.6	470.0
62.5°	235.2	243.5	255.8	270.0	291.8	318.7	350.6	386.3	421.3	460.1	500.9
65°	252.4	262.0	273.9	289.4	312.4	340.8	375.3	410.4	447.3	487.3	529.3
67.5°	269.1	279.4	290.1	307.9	332.3	362.1	396.4	431.4	469.5	510.5	559.2
70°	285.8	295.8	304.5	324.5	349.7	380.6	414.4	449.7	488.0	531.2	587.1
72.5°	299.0	309.1	319.7	340.0	365.0	397.6	429.6	464.1	502.9	551.7	610.4
75°	310.5	320.8	333.1	352.2	377.2	407.9	441.0	475.2	514.0	567.6	629.3
77.5°	321.7	332.3	344.8	362.3	386.4	415.7	447.3	482.2	526.0	581.9	644.8
80°	332.7	343.6	355.0	370.5	393.5	421.0	451.1	486.7	535.1	595.5	665.2
82.5°	343.3	354.8	363.9	377.1	398.7	424.1	452.8	488.9	541.5	606.6	680.1
85°	353.6	365.7	372.0	382.4	402.3	425.3	452.5	488.8	544.8	614.4	689.4
87.5°	363.8	376.5	379.5	387.0	405.0	425.5	451.2	487.5	546.7	620.8	695.8
90°	373.2	386.5	386.5	390.8	406.0	423.6	447.2	482.4	541.9	618.3	691.8
92.5°	363.8	376.5	379.5	387.0	405.0	425.5	451.2	487.5	546.7	620.8	695.8
95°	353.6	365.7	372.0	382.4	402.3	425.3	452.5	488.8	544.8	614.4	689.4
97.5°	343.3	354.8	363.9	377.1	398.7	424.1	452.8	488.9	541.5	606.6	680.1
100°	332.7	343.6	355.0	370.5	393.5	421.0	451.1	486.7	535.1	595.5	665.2
102.5°	321.7	332.3	344.8	362.3	386.4	415.7	447.3	482.2	526.0	581.9	644.8
105°	310.5	320.8	333.1	352.2	377.2	407.9	441.0	475.2	514.0	567.6	629.3
107.5°	299.0	309.1	319.7	340.0	365.0	397.6	429.6	464.1	502.9	551.7	610.4
110°	285.8	295.8	304.5	324.5	349.7	380.6	414.4	449.7	488.0	531.2	587.1



TEST NUMBER: P231946

CATALOG NUMBER: FVS4WM-4-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°	269.1	279.4	290.1	307.9	332.3	362.1	396.4	431.4	469.5	510.5	559.2
115°	252.4	262.0	273.9	289.4	312.4	340.8	375.3	410.4	447.3	487.3	529.3
117.5°	235.2	243.5	255.8	270.0	291.8	318.7	350.6	386.3	421.3	460.1	500.9
120°	217.5	224.5	236.4	250.9	269.7	293.7	323.2	358.0	393.3	428.6	470.0
122.5°	200.8	206.3	215.9	229.3	246.2	268.5	295.0	325.6	363.0	399.1	435.9
125°	184.3	187.4	194.8	207.0	222.7	241.8	267.3	297.8	330.6	366.2	400.9
127.5°	167.4	169.1	174.7	183.9	201.6	221.7	244.9	270.9	299.1	329.8	362.9
130°	151.2	154.6	160.7	170.9	185.2	201.9	222.3	244.7	269.2	295.1	322.5
132.5°	144.5	146.8	152.0	159.5	169.3	184.0	200.3	219.5	240.2	261.8	285.6
135°	138.1	140.3	143.7	148.8	156.9	166.2	180.3	195.0	212.9	231.3	250.8
137.5°	132.4	133.4	135.9	139.8	144.8	152.6	161.2	173.7	187.3	202.3	218.2
140°	126.4	127.1	128.5	131.0	134.9	139.6	146.5	154.4	164.4	175.6	187.6
142.5°	120.5	120.9	121.6	123.0	125.5	128.8	133.3	138.4	145.6	153.1	162.1
145°	114.6	114.7	115.1	115.8	116.9	119.2	121.5	125.6	129.5	135.6	143.6
147.5°	108.0	108.6	108.7	108.9	109.6	110.1	112.0	114.4	118.4	123.6	128.7
150°	100.9	101.7	102.3	102.5	102.5	103.3	105.0	106.9	110.2	113.5	117.1
152.5°	92.1	94.3	95.0	96.3	97.3	98.3	99.7	101.2	103.0	104.9	107.5
155°	82.5	85.5	88.8	89.8	91.1	92.3	93.5	94.7	96.0	97.5	99.2
157.5°	73.5	76.5	79.1	81.4	83.7	84.9	86.0	87.2	88.4	89.5	90.7
160°	64.7	67.3	69.7	71.9	73.8	75.6	77.2	78.5	79.5	80.4	81.3
162.5°	56.2	58.9	60.6	62.5	64.2	65.7	67.0	68.3	69.4	70.3	71.1
165°	48.0	50.0	51.8	53.6	55.1	56.4	57.5	58.5	59.3	59.9	60.5
167.5°	40.0	41.7	43.2	44.6	46.0	47.2	48.3	49.3	50.2	50.8	51.3
170°	32.2	33.5	34.7	35.9	37.0	38.0	38.9	39.7	40.5	41.1	41.6
172.5°	24.1	25.2	26.2	27.2	28.1	28.9	29.6	30.2	30.8	31.3	31.8
175°	15.6	16.4	17.1	17.7	18.4	18.9	19.5	20.0	20.5	21.0	21.4
177.5°	8.1	8.4	8.6	8.9	9.1	9.3	9.6	9.7	9.9	10.1	10.2
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: P231946

CATALOG NUMBER: FVS4WM-4-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°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
2.5°	10.3	10.4	10.5	10.6	10.6	10.6	11.0	10.9	10.8	10.6	10.5
5°	21.7	22.0	22.3	22.5	22.7	22.8	22.9	23.0	23.3	23.1	22.9
7.5°	32.2	32.5	32.8	33.0	33.2	33.3	33.3	33.2	33.2	33.3	32.9
10°	42.1	42.5	42.8	43.0	43.2	43.2	43.2	43.1	42.9	42.9	42.4
12.5°	51.6	51.9	52.0	52.0	52.0	51.8	51.5	51.1	50.6	50.1	49.5
15°	61.1	61.5	61.8	61.9	62.0	61.9	61.6	61.3	60.8	60.2	59.7
17.5°	71.8	72.3	72.8	73.1	73.4	73.6	73.6	73.6	73.4	73.0	72.9
20°	82.2	83.0	83.8	84.6	85.3	85.9	86.4	86.8	87.0	87.1	87.5
22.5°	91.9	93.1	94.4	95.7	96.8	97.9	98.9	99.8	100.5	101.0	101.9
25°	100.9	102.7	104.4	106.6	108.6	110.4	112.0	113.5	114.7	115.7	116.5
27.5°	110.3	113.1	115.8	118.8	122.0	124.9	127.6	129.9	132.0	133.7	135.0
30°	121.2	125.5	129.6	133.6	138.7	143.4	147.7	151.5	154.9	157.7	159.9
32.5°	134.3	141.1	147.6	153.8	160.9	168.3	175.1	181.2	186.6	191.2	195.0
35°	151.4	161.1	171.1	180.7	190.2	200.1	209.1	217.0	223.9	229.6	234.2
37.5°	174.0	186.1	200.0	213.0	224.9	236.9	247.9	257.5	265.9	272.9	278.5
40°	201.6	217.2	233.4	249.1	263.6	277.5	290.4	301.5	310.9	318.4	324.3
42.5°	235.1	251.7	269.9	289.0	306.3	322.2	338.1	351.7	363.1	372.1	378.8
45°	270.4	291.5	311.5	334.5	356.1	377.6	393.8	409.9	423.4	434.1	442.1
47.5°	309.4	335.4	361.2	386.4	411.6	434.3	456.0	476.6	494.8	510.3	522.8
50°	352.7	382.2	411.9	441.0	470.4	497.9	524.8	551.4	574.7	594.4	610.2
52.5°	395.5	428.1	462.1	495.7	531.6	567.6	600.5	635.4	665.6	690.7	710.4
55°	435.9	473.5	512.0	553.4	597.4	647.0	691.0	728.1	758.8	783.2	801.3
57.5°	475.8	517.6	561.6	614.5	672.4	726.0	779.5	814.9	840.4	859.1	871.5
60°	512.8	558.8	614.7	674.8	737.6	796.6	850.2	887.5	904.0	917.1	926.4
62.5°	545.2	600.8	664.2	731.4	795.9	855.0	899.7	936.3	949.0	958.4	964.6
65°	580.6	639.6	709.7	781.0	846.1	900.8	939.8	968.1	984.1	994.1	1001.7
67.5°	616.2	681.4	752.8	827.3	893.7	943.3	977.6	1000.3	1015.0	1024.3	1031.4
70°	649.5	721.6	797.9	874.5	939.5	981.9	1011.0	1025.8	1038.8	1048.8	1056.4
72.5°	678.8	756.1	838.3	912.9	974.2	1013.1	1030.6	1045.4	1059.6	1071.3	1077.8
75°	704.0	786.9	868.7	944.0	1004.4	1030.5	1046.2	1062.2	1078.1	1090.0	1096.8
77.5°	723.5	811.3	892.8	974.3	1022.7	1047.5	1062.7	1077.6	1089.6	1101.0	1109.0
80°	745.1	829.2	914.7	999.1	1043.0	1063.9	1076.8	1087.6	1096.6	1107.9	1118.3
82.5°	762.5	846.7	937.8	1013.4	1054.5	1073.7	1085.8	1096.5	1106.1	1113.9	1124.8
85°	772.9	857.5	951.6	1024.6	1059.8	1077.4	1091.1	1103.3	1113.0	1121.3	1127.1
87.5°	779.4	861.3	955.9	1032.1	1062.4	1078.8	1093.0	1104.8	1114.9	1125.8	1131.8
90°	773.1	858.0	950.9	1033.4	1061.9	1078.3	1092.9	1103.8	1112.3	1124.4	1129.3
92.5°	779.4	861.3	955.9	1032.1	1062.4	1078.8	1093.0	1104.8	1114.9	1125.8	1131.8
95°	772.9	857.5	951.6	1024.6	1059.8	1077.4	1091.1	1103.3	1113.0	1121.3	1127.1
97.5°	762.5	846.7	937.8	1013.4	1054.5	1073.7	1085.8	1096.5	1106.1	1113.9	1124.8
100°	745.1	829.2	914.7	999.1	1043.0	1063.9	1076.8	1087.6	1096.6	1107.9	1118.3
102.5°	723.5	811.3	892.8	974.3	1022.7	1047.5	1062.7	1077.6	1089.6	1101.0	1109.0
105°	704.0	786.9	868.7	944.0	1004.4	1030.5	1046.2	1062.2	1078.1	1090.0	1096.8
107.5°	678.8	756.1	838.3	912.9	974.2	1013.1	1030.6	1045.4	1059.6	1071.3	1077.8
110°	649.5	721.6	797.9	874.5	939.5	981.9	1011.0	1025.8	1038.8	1048.8	1056.4



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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°	616.2	681.4	752.8	827.3	893.7	943.3	977.6	1000.3	1015.0	1024.3	1031.4
115°	580.6	639.6	709.7	781.0	846.1	900.8	939.8	968.1	984.1	994.1	1001.7
117.5°	545.2	600.8	664.2	731.4	795.9	855.0	899.7	936.3	949.0	958.4	964.6
120°	512.8	558.8	614.7	674.8	737.6	796.6	850.2	887.5	904.0	917.1	926.4
122.5°	475.8	517.6	561.6	614.5	672.4	726.0	779.5	814.9	840.4	859.1	871.5
125°	435.9	473.5	512.0	553.4	597.4	647.0	691.0	728.1	758.8	783.2	801.3
127.5°	395.5	428.1	462.1	495.7	531.6	567.6	600.5	635.4	665.6	690.7	710.4
130°	352.7	382.2	411.9	441.0	470.4	497.9	524.8	551.4	574.7	594.4	610.2
132.5°	309.4	335.4	361.2	386.4	411.6	434.3	456.0	476.6	494.8	510.3	522.8
135°	270.4	291.5	311.5	334.5	356.1	377.6	393.8	409.9	423.4	434.1	442.1
137.5°	235.1	251.7	269.9	289.0	306.3	322.2	338.1	351.7	363.1	372.1	378.8
140°	201.6	217.2	233.4	249.1	263.6	277.5	290.4	301.5	310.9	318.4	324.3
142.5°	174.0	186.1	200.0	213.0	224.9	236.9	247.9	257.5	265.9	272.9	278.5
145°	151.4	161.1	171.1	180.7	190.2	200.1	209.1	217.0	223.9	229.6	234.2
147.5°	134.3	141.1	147.6	153.8	160.9	168.3	175.1	181.2	186.6	191.2	195.0
150°	121.2	125.5	129.6	133.6	138.7	143.4	147.7	151.5	154.9	157.7	159.9
152.5°	110.3	113.1	115.8	118.8	122.0	124.9	127.6	129.9	132.0	133.7	135.0
155°	100.9	102.7	104.4	106.6	108.6	110.4	112.0	113.5	114.7	115.7	116.5
157.5°	91.9	93.1	94.4	95.7	96.8	97.9	98.9	99.8	100.5	101.0	101.9
160°	82.2	83.0	83.8	84.6	85.3	85.9	86.4	86.8	87.0	87.1	87.5
162.5°	71.8	72.3	72.8	73.1	73.4	73.6	73.6	73.6	73.4	73.0	72.9
165°	61.1	61.5	61.8	61.9	62.0	61.9	61.6	61.3	60.8	60.2	59.7
167.5°	51.6	51.9	52.0	52.0	52.0	51.8	51.5	51.1	50.6	50.1	49.5
170°	42.1	42.5	42.8	43.0	43.2	43.2	43.2	43.1	42.9	42.9	42.4
172.5°	32.2	32.5	32.8	33.0	33.2	33.3	33.3	33.2	33.2	33.3	32.9
175°	21.7	22.0	22.3	22.5	22.7	22.8	22.9	23.0	23.3	23.1	22.9
177.5°	10.3	10.4	10.5	10.6	10.6	10.6	11.0	10.9	10.8	10.6	10.5
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°	0.6	0.6
2.5°	10.4	10.3
5°	22.7	22.5
7.5°	32.6	32.2
10°	41.8	41.3
12.5°	48.7	47.9
15°	58.6	57.6
17.5°	71.9	71.0
20°	86.8	86.2
22.5°	101.6	101.3
25°	117.1	117.1
27.5°	136.2	136.5
30°	161.9	162.6
32.5°	198.3	199.6
35°	238.1	239.7
37.5°	283.3	285.2
40°	329.2	330.7
42.5°	384.3	385.3
45°	448.7	449.6
47.5°	533.8	537.0
50°	624.0	628.7
52.5°	727.6	733.0
55°	816.2	819.8
57.5°	880.4	879.9
60°	933.9	933.3
62.5°	967.4	967.2
65°	1006.5	1007.9
67.5°	1035.9	1037.6
70°	1061.4	1063.7
72.5°	1079.8	1078.3
75°	1099.4	1099.5
77.5°	1115.4	1121.4
80°	1127.6	1134.1
82.5°	1134.2	1143.8
85°	1137.1	1148.7
87.5°	1133.6	1152.3
90°	1134.7	1146.3
92.5°	1133.6	1152.3
95°	1137.1	1148.7
97.5°	1134.2	1143.8
100°	1127.6	1134.1
102.5°	1115.4	1121.4
105°	1099.4	1099.5
107.5°	1079.8	1078.3
110°	1061.4	1063.7



TEST NUMBER: P231946

CATALOG NUMBER: FVS4WM-4-LD4-40-1LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	1035.9	1037.6
115°	1006.5	1007.9
117.5°	967.4	967.2
120°	933.9	933.3
122.5°	880.4	879.9
125°	816.2	819.8
127.5°	727.6	733.0
130°	624.0	628.7
132.5°	533.8	537.0
135°	448.7	449.6
137.5°	384.3	385.3
140°	329.2	330.7
142.5°	283.3	285.2
145°	238.1	239.7
147.5°	198.3	199.6
150°	161.9	162.6
152.5°	136.2	136.5
155°	117.1	117.1
157.5°	101.6	101.3
160°	86.8	86.2
162.5°	71.9	71.0
165°	58.6	57.6
167.5°	48.7	47.9
170°	41.8	41.3
172.5°	32.6	32.2
175°	22.7	22.5
177.5°	10.4	10.3
180°	0.0	0.0

(END OF REPORT)