

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: P232070

Luminaire Tested: **FVS4WM-3-LD4-40-2STD-PFS125-UNV-EDC1**

Issue Date: 3/3/2020



Test Information

Test Method: LM-79-08
Report Number: P232070
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1706-121-29)
Test Lab: INNOVATION CENTER(G3)
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: FAIL-SAFE
Catalog Number: FVS4WM-3-LD4-40-2STD-PFS125-UNV-EDC1
Description: FAILSAFE FVS LED FIXTURE
3FT LENGTH, 2-MODULE LED WITH PFS125 LENS
Light Source: (168) 4000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

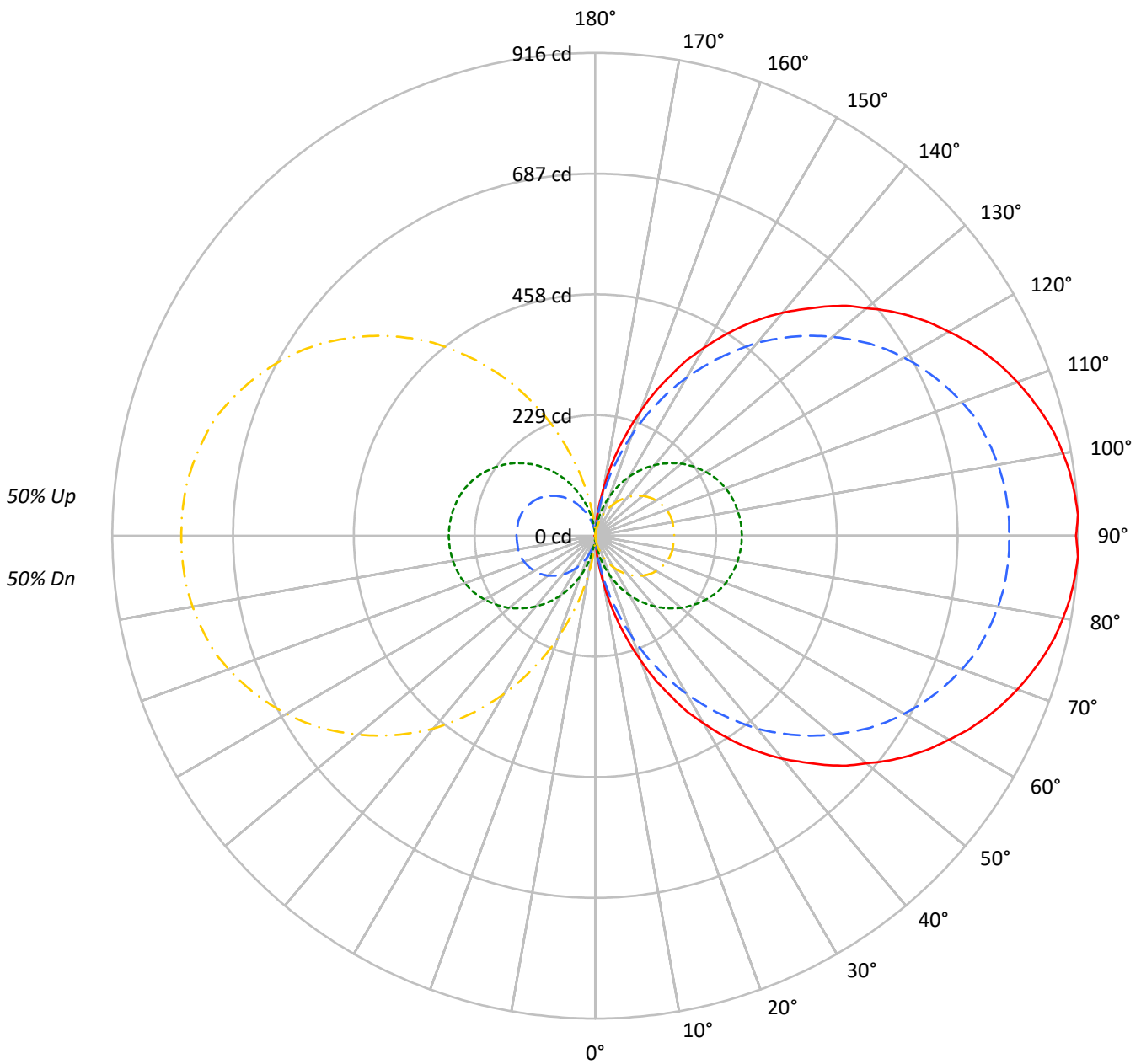
Lumens per Lamp: N/A
Luminaire Lumens: 4105.6 lumens
Efficiency: N/A
Efficacy: 64.2 lumens/watt
Spacing Criteria (0/90/45): 19.96 / 16.86 / 18.08
Luminous Opening: Rectangular w/ Sides (W: 2.92' x L: 0.19' x H: 0.31')
CIE Type: General Diffuse

Input Watts (W): 64
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	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	92	85	79	74	84	78	73	68	64	60	56	52	49	46	40	38	36	30				
2	81	71	63	55	74	65	57	51	53	47	42	42	38	34	32	29	26	21				
3	73	61	51	44	66	55	47	40	45	38	33	35	30	26	27	23	19	15				
4	66	52	43	35	59	48	39	32	39	32	26	31	25	21	23	19	15	11				
5	60	46	36	29	54	42	33	26	34	27	22	27	21	17	20	16	12	9				
6	55	41	31	24	49	37	28	22	30	23	18	24	18	14	18	13	10	7				
7	50	36	27	21	45	33	25	19	27	20	15	21	16	12	16	12	8	6				
8	46	32	24	18	42	30	22	16	24	18	13	19	14	10	14	10	7	5				
9	43	29	21	15	39	27	19	14	22	16	11	17	12	9	13	9	6	4				
10	40	27	19	13	36	24	17	12	20	14	10	16	11	8	12	8	5	3				

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	18	18	18	18
5°	554	198	16	198
10°	1460	594	14	594
15°	2416	1072	13	1072
20°	3288	1609	12	1609
25°	4068	2182	11	2182
30°	4759	2787	10	2787
35°	5380	3424	10	3424
40°	5915	4130	10	4130
45°	6414	4888	9	4888
50°	6884	5778	9	5778
55°	7383	6798	9	6798
60°	7840	8039	9	8039
65°	8320	9623	9	9623
70°	8789	11702	9	11702
75°	9274	14651	9	14651
80°	9768	19333	0	19333
85°	10279	28119	0	28119



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	2.3	0.1
10°-20°	22.9	0.6
20°-30°	71.7	1.7
30°-40°	142.6	3.5
40°-50°	225.4	5.5
50°-60°	308.8	7.5
60°-70°	382.1	9.3
70°-80°	435.5	10.6
80°-90°	461.6	11.2
90°-100°	461.6	11.2
100°-110°	435.5	10.6
110°-120°	382.1	9.3
120°-130°	308.8	7.5
130°-140°	225.4	5.5
140°-150°	142.6	3.5
150°-160°	71.7	1.7
160°-170°	22.9	0.6
170°-180°	2.3	0.1
0°-30°	96.9	2.4
0°-40°	239.5	5.8
0°-60°	773.7	18.8
0°-90°	2052.8	50.0
90°-120°	1279.2	31.2
90°-150°	1955.9	47.6
90°-180°	2053.0	50.0
0°-180°	4105.6	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1	1	1	1	1	
5°	32	10	1	10	32	5
15°	172	54	1	54	172	51
25°	333	106	1	106	333	157
35°	485	153	1	153	485	306
45°	614	194	1	194	614	476
55°	727	228	1	228	727	652
65°	817	254	1	254	817	810
75°	880	270	1	270	880	930
85°	913	277	0	277	913	743
90°	912	278	0	278	912	501
95°	913	277	0	277	913	743
105°	880	270	1	270	880	930
115°	817	254	1	254	817	810
125°	727	228	1	228	727	652
135°	614	194	1	194	614	476
145°	485	153	1	153	485	306
155°	333	106	1	106	333	157
165°	172	54	1	54	172	51
175°	32	10	1	10	32	5
180°	0	0	0	0	0	



TEST NUMBER: P232070

CATALOG NUMBER: FVS4WM-3-LD4-40-2STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
2.5°	11.0	11.2	11.4	11.6	11.8	12.0	12.2	11.9	12.0	12.0	12.0
5°	32.1	32.5	32.8	33.2	33.5	32.9	32.8	32.7	32.4	32.1	31.7
7.5°	58.7	59.4	60.1	60.9	60.3	60.3	60.2	59.8	59.3	58.6	57.7
10°	94.5	95.3	96.1	96.9	95.5	95.1	94.5	93.5	92.4	91.0	89.3
12.5°	132.1	133.3	134.5	134.1	134.0	133.5	132.6	131.3	129.6	127.5	125.7
15°	171.5	172.7	174.0	173.2	172.8	172.1	170.9	169.3	167.7	166.4	164.6
17.5°	210.0	211.9	213.8	213.2	213.1	212.4	211.1	209.8	208.6	206.8	204.5
20°	252.2	254.4	256.6	255.7	255.5	254.7	253.4	251.9	250.0	247.6	244.9
22.5°	294.4	295.9	297.5	295.8	295.0	293.8	293.7	292.6	290.5	287.2	282.9
25°	332.9	335.0	335.6	335.7	334.9	334.7	334.4	333.4	331.8	329.6	326.4
27.5°	375.1	376.8	376.6	376.1	375.0	375.0	374.3	372.8	370.3	368.4	365.2
30°	410.9	413.3	413.8	413.8	413.9	414.1	413.2	411.4	409.7	407.2	403.8
32.5°	448.5	451.1	451.7	451.7	451.8	451.4	450.2	449.2	448.0	445.5	441.4
35°	485.2	486.8	486.3	485.9	487.2	487.2	486.1	485.4	483.6	481.1	477.8
37.5°	519.1	520.9	520.4	520.7	522.3	522.7	522.7	522.0	520.2	517.5	513.6
40°	552.2	554.5	554.3	555.2	556.2	556.5	557.4	556.8	555.2	552.7	549.2
42.5°	582.4	584.9	585.0	587.1	588.5	589.7	590.7	590.6	588.5	585.8	582.4
45°	614.5	616.8	616.4	618.2	619.1	620.9	621.9	623.3	620.5	617.3	613.4
47.5°	645.7	646.7	645.7	647.7	649.1	650.9	651.4	651.5	650.7	648.3	643.9
50°	671.4	674.1	674.6	676.0	678.6	681.2	682.6	682.3	680.8	678.4	673.9
52.5°	700.7	702.5	702.8	704.2	706.9	709.3	710.7	710.4	709.3	706.9	703.0
55°	727.3	728.7	728.8	730.3	733.3	735.7	737.2	736.5	734.5	731.8	727.8
57.5°	752.1	752.8	752.9	755.1	758.4	761.6	763.0	762.4	761.0	756.4	750.8
60°	774.1	775.7	775.9	779.1	782.9	786.3	787.2	786.7	784.8	780.4	774.4
62.5°	797.0	796.1	797.6	801.4	805.5	808.7	809.5	808.2	806.9	802.7	796.3
65°	817.2	817.3	818.1	821.5	826.3	829.0	829.9	829.5	827.0	821.7	815.8
67.5°	835.6	835.1	836.1	840.5	845.3	847.8	848.6	847.7	844.6	839.4	833.2
70°	852.1	850.6	852.4	858.2	863.0	864.8	865.6	864.6	860.7	855.5	848.8
72.5°	866.8	865.8	867.5	873.3	877.9	879.6	879.9	878.1	874.4	869.3	863.7
75°	880.5	877.9	880.9	886.9	890.4	892.0	891.1	889.4	886.6	881.4	874.9
77.5°	892.4	888.2	892.4	898.6	900.9	901.7	900.7	899.0	895.8	891.0	884.2
80°	900.7	897.6	902.4	907.0	908.2	908.9	908.5	906.9	904.1	899.5	892.2
82.5°	908.0	905.3	910.4	911.5	913.2	914.1	914.0	912.4	909.6	904.9	897.9
85°	912.6	912.3	912.8	914.7	916.3	917.4	917.1	915.5	912.4	907.6	901.4
87.5°	916.3	913.5	912.6	914.5	916.4	917.5	917.0	915.8	912.7	908.0	902.3
90°	911.7	903.4	906.2	909.9	913.5	915.4	915.4	914.4	911.7	908.0	901.6
92.5°	916.3	913.5	912.6	914.5	916.4	917.5	917.0	915.8	912.7	908.0	902.3
95°	912.6	912.3	912.8	914.7	916.3	917.4	917.1	915.5	912.4	907.6	901.4
97.5°	908.0	905.3	910.4	911.5	913.2	914.1	914.0	912.4	909.6	904.9	897.9
100°	900.7	897.6	902.4	907.0	908.2	908.9	908.5	906.9	904.1	899.5	892.2
102.5°	892.4	888.2	892.4	898.6	900.9	901.7	900.7	899.0	895.8	891.0	884.2
105°	880.5	877.9	880.9	886.9	890.4	892.0	891.1	889.4	886.6	881.4	874.9
107.5°	866.8	865.8	867.5	873.3	877.9	879.6	879.9	878.1	874.4	869.3	863.7
110°	852.1	850.6	852.4	858.2	863.0	864.8	865.6	864.6	860.7	855.5	848.8



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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°	835.6	835.1	836.1	840.5	845.3	847.8	848.6	847.7	844.6	839.4	833.2
115°	817.2	817.3	818.1	821.5	826.3	829.0	829.9	829.5	827.0	821.7	815.8
117.5°	797.0	796.1	797.6	801.4	805.5	808.7	809.5	808.2	806.9	802.7	796.3
120°	774.1	775.7	775.9	779.1	782.9	786.3	787.2	786.7	784.8	780.4	774.4
122.5°	752.1	752.8	752.9	755.1	758.4	761.6	763.0	762.4	761.0	756.4	750.8
125°	727.3	728.7	728.8	730.3	733.3	735.7	737.2	736.5	734.5	731.8	727.8
127.5°	700.7	702.5	702.8	704.2	706.9	709.3	710.7	710.4	709.3	706.9	703.0
130°	671.4	674.1	674.6	676.0	678.6	681.2	682.6	682.3	680.8	678.4	673.9
132.5°	645.7	646.7	645.7	647.7	649.1	650.9	651.4	651.5	650.7	648.3	643.9
135°	614.5	616.8	616.4	618.2	619.1	620.9	621.9	623.3	620.5	617.3	613.4
137.5°	582.4	584.9	585.0	587.1	588.5	589.7	590.7	590.6	588.5	585.8	582.4
140°	552.2	554.5	554.3	555.2	556.2	556.5	557.4	556.8	555.2	552.7	549.2
142.5°	519.1	520.9	520.4	520.7	522.3	522.7	522.7	522.0	520.2	517.5	513.6
145°	485.2	486.8	486.3	485.9	487.2	487.2	486.1	485.4	483.6	481.1	477.8
147.5°	448.5	451.1	451.7	451.7	451.8	451.4	450.2	449.2	448.0	445.5	441.4
150°	410.9	413.3	413.8	413.8	413.9	414.1	413.2	411.4	409.7	407.2	403.8
152.5°	375.1	376.8	376.6	376.1	375.0	375.0	374.3	372.8	370.3	368.4	365.2
155°	332.9	335.0	335.6	335.7	334.9	334.7	334.4	333.4	331.8	329.6	326.4
157.5°	294.4	295.9	297.5	295.8	295.0	293.8	293.7	292.6	290.5	287.2	282.9
160°	252.2	254.4	256.6	255.7	255.5	254.7	253.4	251.9	250.0	247.6	244.9
162.5°	210.0	211.9	213.8	213.2	213.1	212.4	211.1	209.8	208.6	206.8	204.5
165°	171.5	172.7	174.0	173.2	172.8	172.1	170.9	169.3	167.7	166.4	164.6
167.5°	132.1	133.3	134.5	134.1	134.0	133.5	132.6	131.3	129.6	127.5	125.7
170°	94.5	95.3	96.1	96.9	95.5	95.1	94.5	93.5	92.4	91.0	89.3
172.5°	58.7	59.4	60.1	60.9	60.3	60.3	60.2	59.8	59.3	58.6	57.7
175°	32.1	32.5	32.8	33.2	33.5	32.9	32.8	32.7	32.4	32.1	31.7
177.5°	11.0	11.2	11.4	11.6	11.8	12.0	12.2	11.9	12.0	12.0	12.0
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°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
2.5°	12.0	11.9	11.9	11.8	11.7	11.6	11.5	11.3	11.1	10.9	10.7
5°	31.3	30.7	30.1	29.4	28.7	27.8	26.9	26.0	24.9	23.9	22.7
7.5°	56.7	55.4	54.0	52.4	50.7	48.8	46.5	45.2	43.4	42.1	40.8
10°	87.5	85.3	83.8	81.9	79.8	77.3	75.0	72.7	70.3	67.7	65.0
12.5°	123.7	121.4	118.8	115.9	112.9	109.9	106.5	102.8	98.8	94.5	89.9
15°	162.2	159.3	155.9	152.2	148.3	144.0	139.7	135.0	130.0	125.2	120.3
17.5°	201.6	198.2	194.4	190.1	185.5	180.4	174.8	168.9	163.0	156.6	149.8
20°	241.8	238.2	234.0	229.3	224.0	218.4	212.0	205.0	197.3	189.6	181.9
22.5°	279.8	276.8	272.7	267.6	261.5	254.9	248.3	241.3	234.0	224.9	215.5
25°	321.9	317.1	312.2	307.2	300.6	293.0	284.8	276.2	267.8	259.0	250.8
27.5°	360.9	355.6	349.7	343.7	337.1	329.7	322.9	311.8	301.9	291.6	280.6
30°	399.4	394.3	389.1	381.2	373.5	365.1	356.2	346.8	336.8	325.3	313.2
32.5°	437.1	431.9	425.4	417.5	409.5	400.3	390.3	379.5	369.0	357.6	344.2
35°	473.3	467.5	461.0	453.7	445.0	435.1	424.4	412.9	401.3	388.6	374.2
37.5°	508.7	502.7	496.0	489.8	479.2	469.4	458.0	445.0	432.2	419.7	404.5
40°	544.4	537.8	529.9	521.5	512.3	502.0	490.8	477.7	462.3	447.3	432.3
42.5°	577.4	571.5	563.8	554.0	545.1	532.7	520.3	506.6	491.7	475.3	459.0
45°	608.4	602.0	594.0	584.8	574.4	562.4	549.1	534.7	519.3	503.2	485.3
47.5°	638.4	632.2	623.7	614.2	603.9	591.7	576.9	561.5	545.5	529.5	511.0
50°	666.8	659.8	651.9	642.1	632.0	617.7	602.8	587.3	570.4	553.2	534.5
52.5°	696.8	687.1	678.7	667.7	655.8	643.8	627.7	611.4	594.6	576.3	556.5
55°	721.2	711.6	702.8	692.3	679.9	666.6	652.2	635.5	616.5	597.1	577.8
57.5°	744.9	736.8	726.5	715.0	702.4	689.1	673.6	656.5	638.4	618.2	596.6
60°	766.8	758.8	748.9	736.9	723.4	709.2	693.4	676.0	657.4	637.1	615.6
62.5°	788.2	778.6	768.7	756.3	742.9	728.5	711.8	694.0	675.2	654.6	632.4
65°	807.4	797.8	787.2	774.2	760.6	745.7	728.9	710.7	691.4	670.2	647.7
67.5°	825.3	815.7	803.7	790.8	776.9	761.3	744.6	726.2	706.2	684.4	661.3
70°	840.4	830.2	818.8	805.3	791.0	774.9	758.2	740.1	719.9	698.0	673.5
72.5°	854.6	844.0	832.6	819.0	804.3	788.0	771.3	753.2	731.1	709.0	684.5
75°	866.4	856.0	843.8	830.5	816.2	799.1	780.7	761.7	740.1	717.9	693.7
77.5°	876.2	866.0	853.7	839.6	823.7	807.6	789.1	769.3	748.4	725.3	700.7
80°	884.2	873.7	861.3	847.0	831.1	814.1	795.7	775.6	754.7	731.2	706.3
82.5°	889.3	879.3	866.7	852.1	836.3	819.2	800.0	780.7	759.5	735.3	710.8
85°	892.5	882.3	869.4	855.5	838.9	822.1	803.0	783.2	761.5	738.2	714.0
87.5°	893.9	884.2	871.2	857.5	840.4	824.0	805.5	785.1	763.7	740.5	716.6
90°	893.4	884.2	870.4	856.7	841.1	825.5	806.2	785.1	764.9	741.1	717.2
92.5°	893.9	884.2	871.2	857.5	840.4	824.0	805.5	785.1	763.7	740.5	716.6
95°	892.5	882.3	869.4	855.5	838.9	822.1	803.0	783.2	761.5	738.2	714.0
97.5°	889.3	879.3	866.7	852.1	836.3	819.2	800.0	780.7	759.5	735.3	710.8
100°	884.2	873.7	861.3	847.0	831.1	814.1	795.7	775.6	754.7	731.2	706.3
102.5°	876.2	866.0	853.7	839.6	823.7	807.6	789.1	769.3	748.4	725.3	700.7
105°	866.4	856.0	843.8	830.5	816.2	799.1	780.7	761.7	740.1	717.9	693.7
107.5°	854.6	844.0	832.6	819.0	804.3	788.0	771.3	753.2	731.1	709.0	684.5
110°	840.4	830.2	818.8	805.3	791.0	774.9	758.2	740.1	719.9	698.0	673.5



TEST NUMBER: P232070

CATALOG NUMBER: FVS4WM-3-LD4-40-2STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
112.5°	825.3	815.7	803.7	790.8	776.9	761.3	744.6	726.2	706.2	684.4	661.3
115°	807.4	797.8	787.2	774.2	760.6	745.7	728.9	710.7	691.4	670.2	647.7
117.5°	788.2	778.6	768.7	756.3	742.9	728.5	711.8	694.0	675.2	654.6	632.4
120°	766.8	758.8	748.9	736.9	723.4	709.2	693.4	676.0	657.4	637.1	615.6
122.5°	744.9	736.8	726.5	715.0	702.4	689.1	673.6	656.5	638.4	618.2	596.6
125°	721.2	711.6	702.8	692.3	679.9	666.6	652.2	635.5	616.5	597.1	577.8
127.5°	696.8	687.1	678.7	667.7	655.8	643.8	627.7	611.4	594.6	576.3	556.5
130°	666.8	659.8	651.9	642.1	632.0	617.7	602.8	587.3	570.4	553.2	534.5
132.5°	638.4	632.2	623.7	614.2	603.9	591.7	576.9	561.5	545.5	529.5	511.0
135°	608.4	602.0	594.0	584.8	574.4	562.4	549.1	534.7	519.3	503.2	485.3
137.5°	577.4	571.5	563.8	554.0	545.1	532.7	520.3	506.6	491.7	475.3	459.0
140°	544.4	537.8	529.9	521.5	512.3	502.0	490.8	477.7	462.3	447.3	432.3
142.5°	508.7	502.7	496.0	489.8	479.2	469.4	458.0	445.0	432.2	419.7	404.5
145°	473.3	467.5	461.0	453.7	445.0	435.1	424.4	412.9	401.3	388.6	374.2
147.5°	437.1	431.9	425.4	417.5	409.5	400.3	390.3	379.5	369.0	357.6	344.2
150°	399.4	394.3	389.1	381.2	373.5	365.1	356.2	346.8	336.8	325.3	313.2
152.5°	360.9	355.6	349.7	343.7	337.1	329.7	322.9	311.8	301.9	291.6	280.6
155°	321.9	317.1	312.2	307.2	300.6	293.0	284.8	276.2	267.8	259.0	250.8
157.5°	279.8	276.8	272.7	267.6	261.5	254.9	248.3	241.3	234.0	224.9	215.5
160°	241.8	238.2	234.0	229.3	224.0	218.4	212.0	205.0	197.3	189.6	181.9
162.5°	201.6	198.2	194.4	190.1	185.5	180.4	174.8	168.9	163.0	156.6	149.8
165°	162.2	159.3	155.9	152.2	148.3	144.0	139.7	135.0	130.0	125.2	120.3
167.5°	123.7	121.4	118.8	115.9	112.9	109.9	106.5	102.8	98.8	94.5	89.9
170°	87.5	85.3	83.8	81.9	79.8	77.3	75.0	72.7	70.3	67.7	65.0
172.5°	56.7	55.4	54.0	52.4	50.7	48.8	46.5	45.2	43.4	42.1	40.8
175°	31.3	30.7	30.1	29.4	28.7	27.8	26.9	26.0	24.9	23.9	22.7
177.5°	12.0	11.9	11.9	11.8	11.7	11.6	11.5	11.3	11.1	10.9	10.7
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: P232070

CATALOG NUMBER: FVS4WM-3-LD4-40-2STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
2.5°	10.5	10.2	9.9	9.6	9.3	9.0	8.7	8.3	8.0	7.6	7.2
5°	21.5	20.3	19.0	18.4	17.8	17.1	16.4	15.7	15.0	14.2	13.5
7.5°	39.4	37.9	36.3	34.5	32.7	30.7	28.6	27.5	26.7	25.7	24.7
10°	62.0	59.0	55.9	53.3	50.7	48.0	45.0	42.0	38.8	37.2	36.0
12.5°	86.5	83.0	79.1	75.0	70.6	66.6	63.1	59.5	55.8	51.9	49.6
15°	115.2	109.9	105.3	99.3	93.7	87.7	81.4	77.0	72.7	68.3	63.7
17.5°	143.5	136.8	130.9	124.5	117.8	110.8	103.5	95.9	90.4	85.4	80.2
20°	173.9	165.6	157.2	149.8	141.9	133.6	125.5	117.1	108.6	102.6	96.6
22.5°	205.5	195.9	186.1	175.9	166.5	157.1	147.3	137.9	128.1	118.9	112.0
25°	238.2	226.9	215.5	203.9	191.7	180.7	170.0	159.0	147.8	136.2	127.4
27.5°	268.7	256.6	244.7	232.5	218.6	204.2	191.9	179.5	167.1	154.8	143.7
30°	299.7	285.3	271.4	258.2	244.1	228.8	213.4	199.5	186.0	172.7	160.3
32.5°	330.0	314.7	298.6	283.1	268.3	252.4	235.6	219.5	203.8	189.3	175.5
35°	358.9	343.1	326.2	308.7	291.8	274.5	256.9	240.0	222.2	205.7	190.7
37.5°	387.6	370.5	352.5	334.4	317.4	296.8	277.4	258.4	239.9	221.8	205.9
40°	415.5	397.6	378.2	358.3	338.9	318.8	298.0	277.2	256.7	238.1	220.9
42.5°	441.6	422.7	402.8	381.7	360.9	340.4	318.0	295.4	272.8	252.9	234.1
45°	466.7	447.4	426.2	404.2	382.0	360.3	336.9	312.2	289.1	267.3	246.7
47.5°	490.8	470.3	448.5	426.9	402.6	379.6	355.5	329.3	304.7	281.1	258.8
50°	513.8	492.5	469.8	445.8	421.4	396.6	371.7	346.0	320.1	294.5	270.9
52.5°	535.6	513.3	489.4	464.8	439.9	413.4	387.3	361.1	334.2	307.0	282.1
55°	556.0	533.1	508.6	482.6	456.2	429.7	403.0	375.5	346.9	319.3	292.9
57.5°	574.2	550.2	528.1	500.2	472.2	444.7	417.4	389.0	358.2	330.2	303.0
60°	593.5	566.2	542.6	516.3	488.2	459.1	430.0	401.1	369.1	340.2	312.7
62.5°	609.2	583.3	557.2	530.6	503.3	472.9	442.1	412.0	380.2	349.9	321.7
65°	623.8	597.8	570.8	543.6	514.8	483.7	453.2	422.2	390.9	359.6	330.2
67.5°	637.4	609.8	582.5	556.1	525.6	494.1	463.2	431.4	399.6	367.9	337.3
70°	649.7	621.6	594.5	565.5	535.3	504.3	472.5	439.8	407.4	375.6	344.1
72.5°	658.8	632.3	605.8	575.2	544.0	513.0	480.3	447.2	414.2	381.2	348.9
75°	667.3	640.5	612.9	582.8	552.1	520.5	486.6	453.9	420.8	386.2	353.3
77.5°	674.8	647.4	619.6	588.9	558.3	526.6	492.2	458.7	425.2	390.8	357.3
80°	680.6	652.8	624.8	594.0	562.3	531.2	497.4	462.7	428.6	395.1	361.2
82.5°	685.0	657.2	628.7	597.8	565.7	533.9	501.1	465.2	431.4	397.5	365.0
85°	687.2	660.2	631.2	600.2	568.8	536.6	505.2	467.8	434.7	399.9	366.8
87.5°	689.5	661.8	632.9	602.9	570.1	537.4	505.0	468.7	435.7	399.9	366.0
90°	690.6	661.3	632.9	604.4	569.6	538.4	504.5	469.6	436.6	399.9	365.0
92.5°	689.5	661.8	632.9	602.9	570.1	537.4	505.0	468.7	435.7	399.9	366.0
95°	687.2	660.2	631.2	600.2	568.8	536.6	505.2	467.8	434.7	399.9	366.8
97.5°	685.0	657.2	628.7	597.8	565.7	533.9	501.1	465.2	431.4	397.5	365.0
100°	680.6	652.8	624.8	594.0	562.3	531.2	497.4	462.7	428.6	395.1	361.2
102.5°	674.8	647.4	619.6	588.9	558.3	526.6	492.2	458.7	425.2	390.8	357.3
105°	667.3	640.5	612.9	582.8	552.1	520.5	486.6	453.9	420.8	386.2	353.3
107.5°	658.8	632.3	605.8	575.2	544.0	513.0	480.3	447.2	414.2	381.2	348.9
110°	649.7	621.6	594.5	565.5	535.3	504.3	472.5	439.8	407.4	375.6	344.1



TEST NUMBER: P232070

CATALOG NUMBER: FVS4WM-3-LD4-40-2STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	637.4	609.8	582.5	556.1	525.6	494.1	463.2	431.4	399.6	367.9	337.3
115°	623.8	597.8	570.8	543.6	514.8	483.7	453.2	422.2	390.9	359.6	330.2
117.5°	609.2	583.3	557.2	530.6	503.3	472.9	442.1	412.0	380.2	349.9	321.7
120°	593.5	566.2	542.6	516.3	488.2	459.1	430.0	401.1	369.1	340.2	312.7
122.5°	574.2	550.2	528.1	500.2	472.2	444.7	417.4	389.0	358.2	330.2	303.0
125°	556.0	533.1	508.6	482.6	456.2	429.7	403.0	375.5	346.9	319.3	292.9
127.5°	535.6	513.3	489.4	464.8	439.9	413.4	387.3	361.1	334.2	307.0	282.1
130°	513.8	492.5	469.8	445.8	421.4	396.6	371.7	346.0	320.1	294.5	270.9
132.5°	490.8	470.3	448.5	426.9	402.6	379.6	355.5	329.3	304.7	281.1	258.8
135°	466.7	447.4	426.2	404.2	382.0	360.3	336.9	312.2	289.1	267.3	246.7
137.5°	441.6	422.7	402.8	381.7	360.9	340.4	318.0	295.4	272.8	252.9	234.1
140°	415.5	397.6	378.2	358.3	338.9	318.8	298.0	277.2	256.7	238.1	220.9
142.5°	387.6	370.5	352.5	334.4	317.4	296.8	277.4	258.4	239.9	221.8	205.9
145°	358.9	343.1	326.2	308.7	291.8	274.5	256.9	240.0	222.2	205.7	190.7
147.5°	330.0	314.7	298.6	283.1	268.3	252.4	235.6	219.5	203.8	189.3	175.5
150°	299.7	285.3	271.4	258.2	244.1	228.8	213.4	199.5	186.0	172.7	160.3
152.5°	268.7	256.6	244.7	232.5	218.6	204.2	191.9	179.5	167.1	154.8	143.7
155°	238.2	226.9	215.5	203.9	191.7	180.7	170.0	159.0	147.8	136.2	127.4
157.5°	205.5	195.9	186.1	175.9	166.5	157.1	147.3	137.9	128.1	118.9	112.0
160°	173.9	165.6	157.2	149.8	141.9	133.6	125.5	117.1	108.6	102.6	96.6
162.5°	143.5	136.8	130.9	124.5	117.8	110.8	103.5	95.9	90.4	85.4	80.2
165°	115.2	109.9	105.3	99.3	93.7	87.7	81.4	77.0	72.7	68.3	63.7
167.5°	86.5	83.0	79.1	75.0	70.6	66.6	63.1	59.5	55.8	51.9	49.6
170°	62.0	59.0	55.9	53.3	50.7	48.0	45.0	42.0	38.8	37.2	36.0
172.5°	39.4	37.9	36.3	34.5	32.7	30.7	28.6	27.5	26.7	25.7	24.7
175°	21.5	20.3	19.0	18.4	17.8	17.1	16.4	15.7	15.0	14.2	13.5
177.5°	10.5	10.2	9.9	9.6	9.3	9.0	8.7	8.3	8.0	7.6	7.2
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232070

CATALOG NUMBER: FVS4WM-3-LD4-40-2STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
2.5°	6.8	6.4	5.9	5.5	5.5	5.4	5.4	5.4	5.3	5.2	5.2
5°	12.7	11.8	11.0	10.1	10.0	9.9	9.8	9.7	9.5	9.3	9.2
7.5°	23.7	22.6	21.4	20.2	19.9	19.6	19.2	18.8	18.3	17.8	17.3
10°	34.7	33.3	31.8	30.3	29.8	29.2	28.5	27.8	27.0	26.3	25.7
12.5°	47.9	46.1	44.2	42.2	41.6	40.8	39.9	39.0	38.0	37.1	36.1
15°	61.3	59.1	56.6	54.1	53.3	52.4	51.4	50.4	49.3	48.1	46.8
17.5°	75.7	73.0	70.0	67.0	66.0	65.0	63.8	62.6	61.3	59.9	58.3
20°	90.4	86.9	83.5	79.8	78.8	77.5	76.2	74.9	73.5	72.0	69.9
22.5°	104.9	100.0	96.4	92.7	91.3	89.8	88.3	86.9	85.4	83.4	81.2
25°	119.3	112.8	109.2	105.5	103.8	102.0	100.4	98.9	97.1	94.8	92.4
27.5°	134.9	126.6	122.4	117.9	116.1	114.0	112.3	110.6	108.4	106.0	103.4
30°	150.6	140.7	135.6	130.2	128.3	126.1	124.2	122.0	119.7	117.1	114.3
32.5°	164.3	153.8	147.5	141.7	139.6	137.4	135.4	133.1	130.6	127.8	124.8
35°	177.7	166.7	159.4	153.2	151.0	148.6	146.5	144.1	141.5	138.3	134.8
37.5°	191.0	178.9	170.5	164.2	161.6	159.0	156.8	154.3	151.8	148.2	144.5
40°	204.5	191.1	181.6	175.2	172.1	169.3	167.0	164.5	161.5	157.9	153.8
42.5°	216.6	202.5	191.9	184.8	181.9	179.1	176.5	173.9	170.6	167.0	162.6
45°	228.7	213.7	202.1	194.4	191.7	188.8	185.8	183.2	179.4	175.3	171.2
47.5°	240.6	224.4	211.6	203.6	200.5	197.4	194.4	191.7	187.8	183.7	179.5
50°	252.2	235.1	221.1	212.8	209.2	205.9	202.9	200.1	196.3	192.0	187.1
52.5°	261.5	243.7	229.2	220.6	216.9	213.8	210.8	207.6	203.7	199.2	194.2
55°	270.6	252.0	237.3	228.4	224.6	221.7	218.6	214.9	210.5	205.9	201.0
57.5°	279.4	259.8	244.5	235.3	231.3	228.2	225.2	221.5	217.0	212.4	207.4
60°	288.0	267.6	251.6	242.1	238.1	234.6	231.7	227.9	223.4	218.6	213.4
62.5°	296.2	274.1	257.8	248.1	243.6	240.4	237.2	233.3	228.9	224.0	218.4
65°	304.3	280.5	264.0	254.1	249.1	246.1	242.7	238.6	234.0	229.0	223.1
67.5°	310.2	285.8	268.8	258.7	253.5	250.7	247.2	243.0	238.4	233.1	227.2
70°	315.7	291.0	273.5	263.2	258.0	255.2	251.7	247.3	242.7	237.0	231.0
72.5°	320.2	295.2	276.9	266.5	261.6	258.4	254.8	250.4	245.9	240.0	234.2
75°	324.5	299.3	280.7	269.7	265.2	261.6	257.9	253.5	248.9	242.8	237.1
77.5°	328.1	302.5	282.9	272.0	267.5	263.8	260.6	255.7	251.1	244.9	239.0
80°	331.6	306.3	285.2	274.2	269.8	266.1	263.2	257.9	253.2	247.0	240.6
82.5°	333.8	307.2	286.1	275.6	270.6	267.4	264.2	259.2	254.2	248.3	241.9
85°	334.8	308.2	287.1	277.0	271.5	268.7	265.1	260.5	255.1	249.5	243.1
87.5°	334.4	308.6	288.0	277.5	272.0	269.2	265.6	260.5	255.5	249.5	243.6
90°	333.9	309.1	288.9	277.9	272.4	269.7	266.0	260.5	255.9	249.5	244.0
92.5°	334.4	308.6	288.0	277.5	272.0	269.2	265.6	260.5	255.5	249.5	243.6
95°	334.8	308.2	287.1	277.0	271.5	268.7	265.1	260.5	255.1	249.5	243.1
97.5°	333.8	307.2	286.1	275.6	270.6	267.4	264.2	259.2	254.2	248.3	241.9
100°	331.6	306.3	285.2	274.2	269.8	266.1	263.2	257.9	253.2	247.0	240.6
102.5°	328.1	302.5	282.9	272.0	267.5	263.8	260.6	255.7	251.1	244.9	239.0
105°	324.5	299.3	280.7	269.7	265.2	261.6	257.9	253.5	248.9	242.8	237.1
107.5°	320.2	295.2	276.9	266.5	261.6	258.4	254.8	250.4	245.9	240.0	234.2
110°	315.7	291.0	273.5	263.2	258.0	255.2	251.7	247.3	242.7	237.0	231.0



TEST NUMBER: P232070

CATALOG NUMBER: FVS4WM-3-LD4-40-2STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
112.5°	310.2	285.8	268.8	258.7	253.5	250.7	247.2	243.0	238.4	233.1	227.2
115°	304.3	280.5	264.0	254.1	249.1	246.1	242.7	238.6	234.0	229.0	223.1
117.5°	296.2	274.1	257.8	248.1	243.6	240.4	237.2	233.3	228.9	224.0	218.4
120°	288.0	267.6	251.6	242.1	238.1	234.6	231.7	227.9	223.4	218.6	213.4
122.5°	279.4	259.8	244.5	235.2	231.3	228.2	225.2	221.5	217.0	212.4	207.4
125°	270.6	252.0	237.3	228.4	224.6	221.7	218.6	214.9	210.5	205.9	201.0
127.5°	261.5	243.7	229.2	220.6	216.9	213.8	210.8	207.6	203.7	199.2	194.2
130°	252.2	235.1	221.1	212.8	209.2	205.9	202.9	200.1	196.3	192.0	187.1
132.5°	240.6	224.4	211.6	203.6	200.5	197.4	194.4	191.7	187.8	183.7	179.5
135°	228.7	213.7	202.1	194.4	191.7	188.8	185.8	183.2	179.4	175.3	171.2
137.5°	216.6	202.5	191.9	184.8	181.9	179.1	176.5	173.9	170.6	167.0	162.6
140°	204.5	191.1	181.6	175.2	172.1	169.3	167.0	164.5	161.5	157.9	153.8
142.5°	191.0	178.9	170.5	164.2	161.6	159.0	156.8	154.3	151.8	148.2	144.5
145°	177.7	166.7	159.4	153.2	151.0	148.6	146.5	144.1	141.5	138.3	134.8
147.5°	164.3	153.8	147.5	141.7	139.6	137.4	135.4	133.1	130.6	127.8	124.8
150°	150.6	140.7	135.6	130.2	128.3	126.1	124.2	122.0	119.7	117.1	114.3
152.5°	134.9	126.6	122.4	117.9	116.1	114.0	112.3	110.6	108.4	106.0	103.4
155°	119.3	112.8	109.2	105.5	103.8	102.0	100.4	98.9	97.1	94.8	92.4
157.5°	104.9	100.0	96.4	92.7	91.3	89.8	88.3	86.9	85.4	83.4	81.2
160°	90.4	86.9	83.5	79.8	78.8	77.5	76.2	74.9	73.5	72.0	69.9
162.5°	75.7	73.0	70.0	67.0	66.0	65.0	63.8	62.6	61.3	59.9	58.3
165°	61.3	59.1	56.6	54.1	53.3	52.4	51.4	50.4	49.3	48.1	46.8
167.5°	47.9	46.1	44.2	42.2	41.6	40.8	39.9	39.0	38.0	37.1	36.1
170°	34.7	33.3	31.8	30.3	29.8	29.2	28.5	27.8	27.0	26.3	25.7
172.5°	23.7	22.6	21.4	20.2	19.9	19.6	19.2	18.8	18.3	17.8	17.3
175°	12.7	11.8	11.0	10.1	10.0	9.9	9.8	9.7	9.5	9.3	9.2
177.5°	6.8	6.4	5.9	5.5	5.5	5.4	5.4	5.4	5.3	5.2	5.2
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: P232070

CATALOG NUMBER: FVS4WM-3-LD4-40-2STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
2.5°	5.1	5.0	4.9	4.8	4.7	4.6	4.5	4.3	4.2	4.1	3.9
5°	9.0	8.8	8.6	8.3	8.1	7.8	7.6	7.3	7.1	6.8	6.5
7.5°	16.7	16.2	15.6	14.9	14.3	13.5	12.8	12.0	11.1	10.3	9.5
10°	25.0	24.3	23.5	22.7	21.8	20.9	19.9	18.9	17.9	16.8	15.7
12.5°	35.1	33.9	32.7	31.5	30.1	28.7	27.2	25.6	24.1	22.6	21.0
15°	45.5	44.2	42.9	41.4	39.8	37.8	35.7	33.5	31.2	29.0	26.8
17.5°	56.7	55.0	53.2	51.1	48.7	46.2	43.7	41.5	39.2	36.8	34.3
20°	67.9	65.7	63.5	61.0	58.4	55.7	53.0	50.3	47.4	44.3	41.4
22.5°	78.8	76.4	73.9	71.2	68.2	65.1	62.0	58.9	55.6	52.2	48.6
25°	89.8	87.1	84.2	81.0	77.7	74.4	71.0	67.5	63.6	59.7	55.7
27.5°	100.6	97.6	94.3	90.9	87.3	83.7	79.8	75.8	71.5	67.1	62.5
30°	111.2	107.8	104.1	100.4	96.5	92.6	88.5	84.1	79.2	74.3	69.5
32.5°	121.4	117.7	113.7	109.6	105.4	101.3	96.8	91.8	86.7	81.8	76.7
35°	131.1	127.2	123.0	118.7	114.4	109.9	105.0	99.7	94.1	88.7	83.1
37.5°	140.6	136.6	132.3	127.8	123.0	117.8	112.5	106.9	101.1	95.3	89.4
40°	149.5	145.4	140.8	136.1	130.9	125.5	120.3	114.3	108.0	101.8	95.8
42.5°	158.3	154.1	149.1	143.9	138.4	133.0	127.4	120.9	114.2	108.1	101.5
45°	166.7	161.9	156.8	151.3	145.8	140.2	133.8	127.2	120.8	114.0	107.3
47.5°	174.6	169.7	164.3	158.4	152.8	146.7	140.1	133.7	126.9	119.3	112.3
50°	181.8	176.8	171.1	165.2	159.6	153.3	146.3	139.1	131.7	124.7	117.9
52.5°	189.0	183.9	178.0	171.9	165.5	158.7	151.5	144.2	136.9	129.8	122.0
55°	195.7	190.1	184.1	177.8	171.0	164.0	156.7	149.2	141.8	134.1	126.3
57.5°	201.9	196.2	190.0	183.2	176.3	169.1	161.6	154.0	146.4	138.0	130.1
60°	207.6	201.3	194.8	188.1	181.2	174.1	166.2	158.2	150.0	141.8	133.8
62.5°	212.6	206.2	199.6	192.8	185.9	178.2	169.9	162.0	153.8	145.5	136.5
65°	216.9	210.8	204.2	197.0	189.9	181.9	173.8	165.8	157.2	148.1	139.1
67.5°	221.1	215.1	208.3	201.0	193.4	185.5	177.6	169.2	160.0	150.7	141.6
70°	225.0	218.3	211.1	203.6	196.1	188.5	180.7	172.2	162.8	153.2	143.7
72.5°	228.1	221.2	213.8	206.3	198.9	191.0	182.5	173.5	164.6	155.1	145.6
75°	230.8	223.8	216.3	208.5	200.8	192.9	184.1	175.0	166.2	156.9	147.1
77.5°	232.7	225.9	218.4	210.5	202.7	194.7	185.8	176.6	167.3	157.9	148.1
80°	234.2	227.7	219.8	212.1	204.1	195.4	186.7	177.6	168.1	158.8	148.8
82.5°	235.5	228.7	220.9	213.2	205.1	196.2	187.7	178.6	168.7	159.4	148.7
85°	236.6	229.4	222.0	213.8	205.6	197.2	188.2	179.0	169.0	159.2	148.8
87.5°	236.7	229.4	222.1	214.2	205.6	197.7	188.5	179.1	169.3	159.2	148.8
90°	236.6	229.3	222.0	214.6	205.5	198.1	188.9	178.9	169.7	159.6	149.5
92.5°	236.7	229.4	222.1	214.2	205.6	197.7	188.5	179.1	169.3	159.2	149.1
95°	236.6	229.4	222.0	213.8	205.6	197.2	188.2	179.0	169.0	159.2	148.8
97.5°	235.5	228.7	220.9	213.2	205.1	196.2	187.7	178.6	168.7	159.4	148.7
100°	234.2	227.7	219.8	212.1	204.1	195.4	186.7	177.6	168.1	158.8	148.8
102.5°	232.7	225.9	218.4	210.5	202.7	194.7	185.8	176.6	167.3	157.9	148.1
105°	230.8	223.8	216.3	208.5	200.8	192.9	184.1	175.0	166.2	156.9	147.1
107.5°	228.1	221.2	213.8	206.3	198.9	191.0	182.5	173.5	164.6	155.1	145.6
110°	225.0	218.3	211.1	203.6	196.1	188.5	180.7	172.2	162.8	153.2	143.7



TEST NUMBER: P232070

CATALOG NUMBER: FVS4WM-3-LD4-40-2STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	221.1	215.1	208.3	201.0	193.4	185.5	177.6	169.2	160.0	150.7	141.6
115°	216.9	210.8	204.2	197.0	189.9	181.9	173.8	165.8	157.2	148.1	139.1
117.5°	212.6	206.2	199.6	192.8	185.9	178.2	169.9	162.0	153.8	145.5	136.5
120°	207.6	201.3	194.8	188.1	181.2	174.1	166.2	158.2	150.0	141.8	133.8
122.5°	201.9	196.2	190.0	183.2	176.3	169.1	161.6	154.0	146.4	138.0	130.1
125°	195.7	190.1	184.1	177.8	171.0	164.0	156.7	149.2	141.8	134.1	126.3
127.5°	189.0	183.9	178.0	171.9	165.5	158.7	151.5	144.2	136.9	129.8	122.0
130°	181.8	176.8	171.1	165.2	159.6	153.3	146.3	139.1	131.7	124.7	117.9
132.5°	174.6	169.7	164.3	158.4	152.8	146.7	140.1	133.7	126.9	119.3	112.3
135°	166.7	161.9	156.8	151.3	145.8	140.2	133.8	127.2	120.8	114.0	107.3
137.5°	158.3	154.1	149.1	143.9	138.4	133.0	127.4	120.9	114.2	108.1	101.5
140°	149.5	145.4	140.8	136.1	130.9	125.5	120.3	114.3	108.0	101.8	95.8
142.5°	140.6	136.6	132.3	127.8	123.0	117.8	112.5	106.9	101.1	95.3	89.4
145°	131.1	127.2	123.0	118.7	114.4	109.9	105.0	99.7	94.1	88.7	83.1
147.5°	121.4	117.7	113.7	109.6	105.4	101.3	96.8	91.8	86.7	81.8	76.7
150°	111.2	107.8	104.1	100.4	96.5	92.6	88.5	84.1	79.2	74.3	69.5
152.5°	100.6	97.6	94.3	90.9	87.3	83.7	79.8	75.8	71.5	67.1	62.5
155°	89.8	87.1	84.2	81.0	77.7	74.4	71.0	67.5	63.6	59.7	55.7
157.5°	78.8	76.4	73.9	71.2	68.2	65.1	62.0	58.9	55.6	52.2	48.6
160°	67.9	65.7	63.5	61.0	58.4	55.7	53.0	50.3	47.4	44.3	41.4
162.5°	56.7	55.0	53.2	51.1	48.7	46.2	43.7	41.5	39.2	36.8	34.3
165°	45.5	44.2	42.9	41.4	39.8	37.8	35.7	33.5	31.2	29.0	26.8
167.5°	35.1	33.9	32.7	31.5	30.1	28.7	27.2	25.6	24.1	22.6	21.0
170°	25.0	24.3	23.5	22.7	21.8	20.9	19.9	18.9	17.9	16.8	15.7
172.5°	16.7	16.2	15.6	14.9	14.3	13.5	12.8	12.0	11.1	10.3	9.5
175°	9.0	8.8	8.6	8.3	8.1	7.8	7.6	7.3	7.1	6.8	6.5
177.5°	5.1	5.0	4.9	4.8	4.7	4.6	4.5	4.3	4.2	4.1	3.9
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232070

CATALOG NUMBER: FVS4WM-3-LD4-40-2STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
2.5°	3.8	3.6	3.5	3.3	3.2	3.0	2.8	2.7	2.5	2.3	2.2
5°	6.2	5.9	5.6	5.3	5.0	4.7	4.4	4.1	3.8	3.5	3.2
7.5°	8.3	8.1	7.7	7.3	6.9	6.5	6.0	5.6	5.2	4.7	4.3
10°	14.6	13.3	12.0	10.7	9.3	7.8	7.3	6.7	6.1	5.5	4.9
12.5°	19.4	17.8	16.2	14.6	13.0	11.4	9.7	8.0	6.6	5.9	5.3
15°	24.6	22.5	20.7	18.8	16.9	15.0	13.1	11.1	9.1	7.2	6.0
17.5°	31.7	28.9	26.2	23.3	20.9	18.8	16.5	14.2	11.9	9.5	7.1
20°	38.3	35.3	32.1	28.9	25.7	22.5	19.6	17.0	14.4	11.9	9.2
22.5°	44.9	41.3	37.8	34.2	30.6	27.1	23.4	19.8	16.8	13.9	10.9
25°	51.6	47.5	43.3	39.1	35.2	31.1	27.0	22.7	18.6	15.5	12.5
27.5°	58.0	53.5	49.0	44.4	39.8	35.3	30.8	26.4	21.9	17.1	14.2
30°	64.5	59.4	54.6	49.8	44.8	39.7	34.5	29.8	25.1	20.2	15.4
32.5°	71.2	65.8	60.5	54.7	49.5	43.9	38.1	32.1	27.1	22.1	17.1
35°	77.4	71.5	65.7	59.7	53.5	47.2	41.5	35.7	29.8	24.5	19.3
37.5°	83.4	77.1	70.5	64.1	57.8	51.7	45.6	39.1	32.7	26.7	21.1
40°	89.4	82.5	75.7	68.8	62.1	55.4	48.5	41.8	35.2	28.5	22.3
42.5°	94.8	87.7	80.5	73.3	66.1	59.0	51.9	44.9	37.9	30.9	24.0
45°	99.9	92.5	85.1	77.6	70.0	62.5	55.1	47.8	40.3	32.8	25.4
47.5°	104.9	97.4	89.7	81.7	73.8	65.9	58.2	50.5	42.5	34.3	26.9
50°	109.7	101.7	93.8	85.7	77.4	69.2	61.0	52.6	44.5	35.9	27.6
52.5°	113.9	105.5	97.6	89.3	80.9	72.0	63.1	54.4	45.9	37.2	28.6
55°	118.1	109.5	101.2	92.6	83.6	74.4	65.5	56.0	46.5	37.6	29.2
57.5°	121.6	112.8	104.4	95.3	86.4	76.9	67.4	57.2	47.5	38.5	29.8
60°	124.5	115.8	106.8	97.2	88.4	78.7	68.7	58.7	48.8	38.6	30.0
62.5°	127.3	118.4	108.8	99.8	90.5	80.3	69.7	59.1	49.2	39.3	30.6
65°	130.1	120.7	111.0	101.8	92.2	81.9	70.9	59.6	49.3	39.4	30.3
67.5°	132.4	122.9	112.7	103.1	93.3	83.3	71.7	60.8	49.7	39.8	30.4
70°	134.0	124.3	114.3	104.4	94.2	83.7	72.4	61.0	49.5	39.5	30.0
72.5°	135.2	125.9	115.7	105.5	95.5	84.9	73.9	61.3	50.3	39.3	29.4
75°	136.8	127.4	116.7	106.3	95.8	85.3	74.1	61.8	49.6	38.7	29.1
77.5°	137.9	127.8	117.1	106.6	96.0	85.4	74.5	63.2	50.4	38.5	28.3
80°	138.2	127.7	117.0	106.5	96.2	85.6	74.5	63.2	50.9	38.2	27.6
82.5°	138.3	127.6	117.0	106.4	95.5	84.5	73.5	62.4	51.4	39.2	27.1
85°	138.2	127.6	117.4	106.2	95.2	84.2	72.4	61.3	50.8	39.6	27.5
87.5°	138.1	127.8	117.5	106.0	94.8	83.9	71.9	60.9	49.2	38.3	27.4
90°	138.5	127.5	116.5	106.4	93.6	82.5	71.5	61.5	48.6	37.6	26.6
92.5°	138.1	127.8	117.5	106.0	94.8	83.9	71.9	60.9	49.2	38.3	27.4
95°	138.2	127.6	117.4	106.2	95.2	84.2	72.4	61.3	50.8	39.6	27.5
97.5°	138.3	127.6	117.0	106.4	95.5	84.5	73.5	62.4	51.4	39.2	27.1
100°	138.2	127.7	117.0	106.5	96.2	85.6	74.5	63.2	50.9	38.2	27.6
102.5°	137.9	127.8	117.1	106.6	96.0	85.4	74.5	63.2	50.4	38.5	28.3
105°	136.8	127.4	116.7	106.3	95.8	85.3	74.1	61.8	49.6	38.7	29.1
107.5°	135.2	125.9	115.7	105.5	95.5	84.9	73.9	61.3	50.3	39.3	29.4
110°	134.0	124.3	114.3	104.4	94.2	83.7	72.4	61.0	49.5	39.5	30.0



TEST NUMBER: P232070

CATALOG NUMBER: FVS4WM-3-LD4-40-2STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
112.5°	132.4	122.9	112.7	103.1	93.3	83.3	71.7	60.8	49.7	39.8	30.4
115°	130.1	120.7	111.0	101.8	92.2	81.9	70.9	59.6	49.3	39.4	30.3
117.5°	127.3	118.4	108.8	99.8	90.5	80.3	69.7	59.1	49.2	39.3	30.6
120°	124.5	115.8	106.8	97.2	88.4	78.7	68.7	58.7	48.8	38.6	30.0
122.5°	121.6	112.8	104.4	95.3	86.4	76.9	67.4	57.2	47.5	38.5	29.8
125°	118.1	109.5	101.2	92.6	83.6	74.4	65.5	56.0	46.5	37.6	29.2
127.5°	113.9	105.5	97.6	89.3	80.9	72.0	63.1	54.4	45.9	37.2	28.6
130°	109.7	101.7	93.8	85.7	77.4	69.2	61.0	52.6	44.5	35.9	27.6
132.5°	104.9	97.4	89.7	81.7	73.8	65.9	58.2	50.5	42.5	34.3	26.9
135°	99.9	92.5	85.1	77.6	70.0	62.5	55.1	47.8	40.3	32.8	25.4
137.5°	94.8	87.7	80.5	73.3	66.1	59.0	51.9	44.9	37.9	30.9	24.0
140°	89.4	82.5	75.7	68.8	62.1	55.4	48.5	41.8	35.2	28.5	22.3
142.5°	83.4	77.1	70.5	64.1	57.8	51.7	45.6	39.1	32.7	26.7	21.1
145°	77.4	71.5	65.7	59.7	53.5	47.2	41.5	35.7	29.8	24.5	19.3
147.5°	71.2	65.8	60.5	54.7	49.5	43.9	38.1	32.1	27.1	22.1	17.1
150°	64.5	59.4	54.6	49.8	44.8	39.7	34.5	29.8	25.1	20.2	15.4
152.5°	58.0	53.5	49.0	44.4	39.8	35.3	30.8	26.4	21.9	17.1	14.2
155°	51.6	47.5	43.3	39.1	35.2	31.1	27.0	22.7	18.6	15.5	12.5
157.5°	44.9	41.3	37.8	34.2	30.6	27.1	23.4	19.8	16.8	13.9	10.9
160°	38.3	35.3	32.1	28.9	25.7	22.5	19.6	17.0	14.4	11.9	9.2
162.5°	31.7	28.9	26.2	23.3	20.9	18.8	16.5	14.2	11.9	9.5	7.1
165°	24.6	22.5	20.7	18.8	16.9	15.0	13.1	11.1	9.1	7.2	6.0
167.5°	19.4	17.8	16.2	14.6	13.0	11.4	9.7	8.0	6.6	5.9	5.3
170°	14.6	13.3	12.0	10.7	9.3	7.8	7.3	6.7	6.1	5.5	4.9
172.5°	8.3	8.1	7.7	7.3	6.9	6.5	6.0	5.6	5.2	4.7	4.3
175°	6.2	5.9	5.6	5.3	5.0	4.7	4.4	4.1	3.8	3.5	3.2
177.5°	3.8	3.6	3.5	3.3	3.2	3.0	2.8	2.7	2.5	2.3	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: P232070

CATALOG NUMBER: FVS4WM-3-LD4-40-2STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
2.5°	2.0	1.8	1.6	1.4	1.3	1.1	0.9	1.1	1.3	1.4	1.6
5°	2.8	2.5	2.2	1.9	1.5	1.2	0.9	1.2	1.5	1.9	2.2
7.5°	3.8	3.3	2.8	2.4	1.9	1.4	0.9	1.4	1.9	2.4	2.8
10°	4.3	3.7	3.2	2.6	2.0	1.5	0.9	1.5	2.0	2.6	3.2
12.5°	4.6	4.0	3.4	2.7	2.1	1.5	0.9	1.5	2.1	2.7	3.4
15°	5.3	4.6	3.8	3.1	2.4	1.6	0.9	1.6	2.4	3.1	3.8
17.5°	5.4	4.6	3.8	3.1	2.4	1.6	0.9	1.6	2.4	3.1	3.8
20°	6.6	5.0	4.2	3.4	2.6	1.7	0.9	1.7	2.6	3.4	4.2
22.5°	8.0	5.1	4.1	3.2	2.4	1.7	0.9	1.7	2.4	3.2	4.1
25°	9.5	6.6	4.3	3.5	2.6	1.8	0.9	1.8	2.6	3.5	4.3
27.5°	10.9	7.6	4.3	3.1	2.4	1.6	0.9	1.6	2.4	3.1	4.3
30°	12.0	8.6	5.3	3.3	2.5	1.7	0.9	1.7	2.5	3.3	5.3
32.5°	12.8	9.4	5.9	2.8	2.1	1.5	0.9	1.5	2.1	2.8	5.9
35°	14.2	10.3	6.8	3.3	2.2	1.6	0.9	1.6	2.2	3.3	6.8
37.5°	15.6	10.7	6.9	3.3	1.6	1.3	0.9	1.3	1.6	3.3	6.9
40°	16.7	11.3	7.4	3.9	1.7	1.3	0.9	1.3	1.7	3.9	7.4
42.5°	17.9	12.2	7.5	4.3	1.7	1.3	0.9	1.3	1.7	4.3	7.5
45°	18.6	12.9	7.5	4.6	1.8	1.3	0.9	1.3	1.8	4.6	7.5
47.5°	19.8	13.7	8.2	4.5	1.5	0.9	0.9	0.9	1.5	4.5	8.2
50°	20.4	13.6	8.3	4.1	1.6	0.9	0.9	0.9	1.6	4.1	8.3
52.5°	20.8	13.8	8.3	3.7	1.8	0.9	0.9	0.9	1.8	3.7	8.3
55°	21.1	14.5	8.6	3.8	1.7	0.9	0.9	0.9	1.7	3.8	8.6
57.5°	21.9	14.9	8.7	4.4	2.0	0.9	0.9	0.9	2.0	4.4	8.7
60°	22.0	15.2	8.9	4.3	1.7	0.9	0.9	0.9	1.7	4.3	8.9
62.5°	22.2	14.8	8.4	3.9	1.7	0.9	0.9	0.9	1.7	3.9	8.4
65°	22.3	15.0	8.3	3.7	1.3	0.9	0.9	0.9	1.3	3.7	8.3
67.5°	22.3	14.8	8.4	3.8	1.3	0.9	0.9	0.9	1.3	3.8	8.4
70°	22.0	14.4	7.6	3.6	1.5	0.9	0.9	0.9	1.5	3.6	7.6
72.5°	21.4	14.0	7.8	3.4	1.2	0.9	0.9	0.9	1.2	3.4	7.8
75°	20.5	13.7	7.8	2.9	1.1	0.9	0.9	0.9	1.1	2.9	7.8
77.5°	19.3	11.9	6.6	2.4	0.4	0.1	0.0	0.1	0.4	2.4	6.6
80°	18.3	11.0	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.6
82.5°	16.9	8.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	16.2	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	16.6	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	15.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	16.6	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	16.2	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	16.9	8.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	18.3	11.0	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.6
102.5°	19.3	11.9	6.6	2.4	0.4	0.1	0.0	0.1	0.4	2.4	6.6
105°	20.5	13.7	7.8	2.9	1.1	0.9	0.9	0.9	1.1	2.9	7.8
107.5°	21.4	14.0	7.8	3.4	1.2	0.9	0.9	0.9	1.2	3.4	7.8
110°	22.0	14.4	7.6	3.6	1.5	0.9	0.9	0.9	1.5	3.6	7.6



TEST NUMBER: P232070

CATALOG NUMBER: FVS4WM-3-LD4-40-2STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	22.3	14.8	8.4	3.8	1.3	0.9	0.9	0.9	1.3	3.8	8.4
115°	22.3	15.0	8.3	3.7	1.3	0.9	0.9	0.9	1.3	3.7	8.3
117.5°	22.2	14.8	8.4	3.9	1.7	0.9	0.9	0.9	1.7	3.9	8.4
120°	22.0	15.2	8.9	4.3	1.7	0.9	0.9	0.9	1.7	4.3	8.9
122.5°	21.9	14.9	8.7	4.4	2.0	0.9	0.9	0.9	2.0	4.4	8.7
125°	21.1	14.5	8.6	3.8	1.7	0.9	0.9	0.9	1.7	3.8	8.6
127.5°	20.8	13.8	8.3	3.7	1.8	0.9	0.9	0.9	1.8	3.7	8.3
130°	20.4	13.6	8.3	4.1	1.6	0.9	0.9	0.9	1.6	4.1	8.3
132.5°	19.8	13.7	8.2	4.5	1.5	0.9	0.9	0.9	1.5	4.5	8.2
135°	18.6	12.9	7.5	4.6	1.8	1.3	0.9	1.3	1.8	4.6	7.5
137.5°	17.9	12.2	7.5	4.3	1.7	1.3	0.9	1.3	1.7	4.3	7.5
140°	16.7	11.3	7.4	3.9	1.7	1.3	0.9	1.3	1.7	3.9	7.4
142.5°	15.6	10.7	6.9	3.3	1.6	1.3	0.9	1.3	1.6	3.3	6.9
145°	14.2	10.3	6.8	3.3	2.2	1.6	0.9	1.6	2.2	3.3	6.8
147.5°	12.8	9.4	5.9	2.8	2.1	1.5	0.9	1.5	2.1	2.8	5.9
150°	12.0	8.6	5.3	3.3	2.5	1.7	0.9	1.7	2.5	3.3	5.3
152.5°	10.9	7.6	4.3	3.1	2.4	1.6	0.9	1.6	2.4	3.1	4.3
155°	9.5	6.6	4.3	3.5	2.6	1.8	0.9	1.8	2.6	3.5	4.3
157.5°	8.0	5.1	4.1	3.2	2.4	1.7	0.9	1.7	2.4	3.2	4.1
160°	6.6	5.0	4.2	3.4	2.6	1.7	0.9	1.7	2.6	3.4	4.2
162.5°	5.4	4.6	3.8	3.1	2.4	1.6	0.9	1.6	2.4	3.1	3.8
165°	5.3	4.6	3.8	3.1	2.4	1.6	0.9	1.6	2.4	3.1	3.8
167.5°	4.6	4.0	3.4	2.7	2.1	1.5	0.9	1.5	2.1	2.7	3.4
170°	4.3	3.7	3.2	2.6	2.0	1.5	0.9	1.5	2.0	2.6	3.2
172.5°	3.8	3.3	2.8	2.4	1.9	1.4	0.9	1.4	1.9	2.4	2.8
175°	2.8	2.5	2.2	1.9	1.5	1.2	0.9	1.2	1.5	1.9	2.2
177.5°	2.0	1.8	1.6	1.4	1.3	1.1	0.9	1.1	1.3	1.4	1.6
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232070

CATALOG NUMBER: FVS4WM-3-LD4-40-2STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
2.5°	1.8	2.0	2.2	2.3	2.5	2.7	2.8	3.0	3.2	3.3	3.5
5°	2.5	2.8	3.2	3.5	3.8	4.1	4.4	4.7	5.0	5.3	5.6
7.5°	3.3	3.8	4.3	4.7	5.2	5.6	6.0	6.5	6.9	7.3	7.7
10°	3.7	4.3	4.9	5.5	6.1	6.7	7.3	7.8	9.3	10.7	12.0
12.5°	4.0	4.6	5.3	5.9	6.6	8.0	9.7	11.4	13.0	14.6	16.2
15°	4.6	5.3	6.0	7.2	9.1	11.1	13.1	15.0	16.9	18.8	20.7
17.5°	4.6	5.4	7.1	9.5	11.9	14.2	16.5	18.8	20.9	23.3	26.2
20°	5.0	6.6	9.2	11.9	14.4	17.0	19.6	22.5	25.7	28.9	32.1
22.5°	5.1	8.0	10.9	13.9	16.8	19.8	23.4	27.1	30.6	34.2	37.8
25°	6.6	9.5	12.5	15.5	18.6	22.7	27.0	31.1	35.2	39.1	43.3
27.5°	7.6	10.9	14.2	17.1	21.9	26.4	30.8	35.3	39.8	44.4	49.0
30°	8.6	12.0	15.4	20.2	25.1	29.8	34.5	39.7	44.8	49.8	54.6
32.5°	9.4	12.8	17.1	22.1	27.1	32.1	38.1	43.9	49.5	54.7	60.5
35°	10.3	14.2	19.3	24.5	29.8	35.7	41.5	47.2	53.5	59.7	65.7
37.5°	10.7	15.6	21.1	26.7	32.7	39.1	45.6	51.7	57.8	64.1	70.5
40°	11.3	16.7	22.3	28.5	35.2	41.8	48.5	55.4	62.1	68.8	75.7
42.5°	12.2	17.9	24.0	30.9	37.9	44.9	51.9	59.0	66.1	73.3	80.5
45°	12.9	18.6	25.4	32.8	40.3	47.8	55.1	62.5	70.0	77.6	85.1
47.5°	13.7	19.8	26.9	34.3	42.5	50.5	58.2	65.9	73.8	81.7	89.7
50°	13.6	20.4	27.6	35.9	44.5	52.6	61.0	69.2	77.4	85.7	93.8
52.5°	13.8	20.8	28.6	37.2	45.9	54.4	63.1	72.0	80.9	89.3	97.6
55°	14.5	21.1	29.2	37.6	46.5	56.0	65.5	74.4	83.6	92.6	101.2
57.5°	14.9	21.9	29.8	38.5	47.5	57.2	67.4	76.9	86.4	95.3	104.4
60°	15.2	22.0	30.0	38.6	48.8	58.7	68.7	78.7	88.4	97.2	106.8
62.5°	14.8	22.2	30.6	39.3	49.2	59.1	69.7	80.3	90.5	99.8	108.8
65°	15.0	22.3	30.3	39.4	49.3	59.6	70.9	81.9	92.2	101.8	111.0
67.5°	14.8	22.3	30.4	39.8	49.7	60.8	71.7	83.3	93.3	103.1	112.7
70°	14.4	22.0	30.0	39.5	49.5	61.0	72.4	83.7	94.2	104.4	114.3
72.5°	14.0	21.4	29.4	39.3	50.3	61.3	73.9	84.9	95.5	105.5	115.7
75°	13.7	20.5	29.1	38.7	49.6	61.8	74.1	85.3	95.8	106.3	116.7
77.5°	11.9	19.3	28.3	38.5	50.4	63.2	74.5	85.4	96.0	106.6	117.1
80°	11.0	18.3	27.6	38.2	50.9	63.2	74.5	85.6	96.2	106.5	117.0
82.5°	8.1	16.9	27.1	39.2	51.4	62.4	73.5	84.5	95.5	106.4	117.0
85°	4.7	16.2	27.5	39.6	50.8	61.3	72.4	84.2	95.2	106.2	117.4
87.5°	1.4	16.6	27.4	38.3	49.2	60.9	71.9	83.9	94.8	106.0	117.5
90°	0.0	15.6	26.6	37.6	48.6	61.5	71.5	82.5	93.6	106.4	116.5
92.5°	1.4	16.6	27.4	38.3	49.2	60.9	71.9	83.9	94.8	106.0	117.5
95°	4.7	16.2	27.5	39.6	50.8	61.3	72.4	84.2	95.2	106.2	117.4
97.5°	8.1	16.9	27.1	39.2	51.4	62.4	73.5	84.5	95.5	106.4	117.0
100°	11.0	18.3	27.6	38.2	50.9	63.2	74.5	85.6	96.2	106.5	117.0
102.5°	11.9	19.3	28.3	38.5	50.4	63.2	74.5	85.4	96.0	106.6	117.1
105°	13.7	20.5	29.1	38.7	49.6	61.8	74.1	85.3	95.8	106.3	116.7
107.5°	14.0	21.4	29.4	39.3	50.3	61.3	73.9	84.9	95.5	105.5	115.7
110°	14.4	22.0	30.0	39.5	49.5	61.0	72.4	83.7	94.2	104.4	114.3



TEST NUMBER: P232070

CATALOG NUMBER: FVS4WM-3-LD4-40-2STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
112.5°	14.8	22.3	30.4	39.8	49.7	60.8	71.7	83.3	93.3	103.1	112.7
115°	15.0	22.3	30.3	39.4	49.3	59.6	70.9	81.9	92.2	101.8	111.0
117.5°	14.8	22.2	30.6	39.3	49.2	59.1	69.7	80.3	90.5	99.8	108.8
120°	15.2	22.0	30.0	38.6	48.8	58.7	68.7	78.7	88.4	97.2	106.8
122.5°	14.9	21.9	29.8	38.5	47.5	57.2	67.4	76.9	86.4	95.3	104.4
125°	14.5	21.1	29.2	37.6	46.5	56.0	65.5	74.4	83.6	92.6	101.2
127.5°	13.8	20.8	28.6	37.2	45.9	54.4	63.1	72.0	80.9	89.3	97.6
130°	13.6	20.4	27.6	35.9	44.5	52.6	61.0	69.2	77.4	85.7	93.8
132.5°	13.7	19.8	26.9	34.3	42.5	50.5	58.2	65.9	73.8	81.7	89.7
135°	12.9	18.6	25.4	32.8	40.3	47.8	55.1	62.5	70.0	77.6	85.1
137.5°	12.2	17.9	24.0	30.9	37.9	44.9	51.9	59.0	66.1	73.3	80.5
140°	11.3	16.7	22.3	28.5	35.2	41.8	48.5	55.4	62.1	68.8	75.7
142.5°	10.7	15.6	21.1	26.7	32.7	39.1	45.6	51.7	57.8	64.1	70.5
145°	10.3	14.2	19.3	24.5	29.8	35.7	41.5	47.2	53.5	59.7	65.7
147.5°	9.4	12.8	17.1	22.1	27.1	32.1	38.1	43.9	49.5	54.7	60.5
150°	8.6	12.0	15.4	20.2	25.1	29.8	34.5	39.7	44.8	49.8	54.6
152.5°	7.6	10.9	14.2	17.1	21.9	26.4	30.8	35.3	39.8	44.4	49.0
155°	6.6	9.5	12.5	15.5	18.6	22.7	27.0	31.1	35.2	39.1	43.3
157.5°	5.1	8.0	10.9	13.9	16.8	19.8	23.4	27.1	30.6	34.2	37.8
160°	5.0	6.6	9.2	11.9	14.4	17.0	19.6	22.5	25.7	28.9	32.1
162.5°	4.6	5.4	7.1	9.5	11.9	14.2	16.5	18.8	20.9	23.3	26.2
165°	4.6	5.3	6.0	7.2	9.1	11.1	13.1	15.0	16.9	18.8	20.7
167.5°	4.0	4.6	5.3	5.9	6.6	8.0	9.7	11.4	13.0	14.6	16.2
170°	3.7	4.3	4.9	5.5	6.1	6.7	7.3	7.8	9.3	10.7	12.0
172.5°	3.3	3.8	4.3	4.7	5.2	5.6	6.0	6.5	6.9	7.3	7.7
175°	2.5	2.8	3.2	3.5	3.8	4.1	4.4	4.7	5.0	5.3	5.6
177.5°	1.8	2.0	2.2	2.3	2.5	2.7	2.8	3.0	3.2	3.3	3.5
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232070

CATALOG NUMBER: FVS4WM-3-LD4-40-2STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
2.5°	3.6	3.8	3.9	4.1	4.2	4.3	4.5	4.6	4.7	4.8	4.9
5°	5.9	6.2	6.5	6.8	7.1	7.3	7.6	7.8	8.1	8.3	8.6
7.5°	8.1	8.3	9.5	10.3	11.1	12.0	12.8	13.5	14.3	14.9	15.6
10°	13.3	14.6	15.7	16.8	17.9	18.9	19.9	20.9	21.8	22.7	23.5
12.5°	17.8	19.4	21.0	22.6	24.1	25.6	27.2	28.7	30.1	31.5	32.7
15°	22.5	24.6	26.8	29.0	31.2	33.5	35.7	37.8	39.8	41.4	42.9
17.5°	28.9	31.7	34.3	36.8	39.2	41.5	43.7	46.2	48.7	51.1	53.2
20°	35.3	38.3	41.4	44.3	47.4	50.3	53.0	55.7	58.4	61.0	63.5
22.5°	41.3	44.9	48.6	52.2	55.6	58.9	62.0	65.1	68.2	71.2	73.9
25°	47.5	51.6	55.7	59.7	63.6	67.5	71.0	74.4	77.7	81.0	84.2
27.5°	53.5	58.0	62.5	67.1	71.5	75.8	79.8	83.7	87.3	90.9	94.3
30°	59.4	64.5	69.5	74.3	79.2	84.1	88.5	92.6	96.5	100.4	104.1
32.5°	65.8	71.2	76.7	81.8	86.7	91.8	96.8	101.3	105.4	109.6	113.7
35°	71.5	77.4	83.1	88.7	94.1	99.7	105.0	109.9	114.4	118.7	123.0
37.5°	77.1	83.4	89.4	95.3	101.1	106.9	112.5	117.8	123.0	127.8	132.3
40°	82.5	89.4	95.8	101.8	108.0	114.3	120.3	125.5	130.9	136.1	140.8
42.5°	87.7	94.8	101.5	108.1	114.2	120.9	127.4	133.0	138.4	143.9	149.1
45°	92.5	99.9	107.3	114.0	120.8	127.2	133.8	140.2	145.8	151.3	156.8
47.5°	97.4	104.9	112.3	119.3	126.9	133.7	140.1	146.7	152.8	158.4	164.3
50°	101.7	109.7	117.9	124.7	131.7	139.1	146.3	153.3	159.6	165.2	171.1
52.5°	105.5	113.9	122.0	129.8	136.9	144.2	151.5	158.7	165.5	171.9	178.0
55°	109.5	118.1	126.3	134.1	141.8	149.2	156.7	164.0	171.0	177.8	184.1
57.5°	112.8	121.6	130.1	138.0	146.4	154.0	161.6	169.1	176.3	183.2	190.0
60°	115.8	124.5	133.8	141.8	150.0	158.2	166.2	174.1	181.2	188.1	194.8
62.5°	118.4	127.3	136.5	145.5	153.8	162.0	169.9	178.2	185.9	192.8	199.6
65°	120.7	130.1	139.1	148.1	157.2	165.8	173.8	181.9	189.9	197.0	204.2
67.5°	122.9	132.4	141.6	150.7	160.0	169.2	177.6	185.5	193.4	201.0	208.3
70°	124.3	134.0	143.7	153.2	162.8	172.2	180.7	188.5	196.1	203.6	211.1
72.5°	125.9	135.2	145.6	155.1	164.6	173.5	182.5	191.0	198.9	206.3	213.8
75°	127.4	136.8	147.1	156.9	166.2	175.0	184.1	192.9	200.8	208.5	216.3
77.5°	127.8	137.9	148.1	157.9	167.3	176.6	185.8	194.7	202.7	210.5	218.4
80°	127.7	138.2	148.8	158.8	168.1	177.6	186.7	195.4	204.1	212.1	219.8
82.5°	127.6	138.3	148.7	159.4	168.7	178.6	187.7	196.2	205.1	213.2	220.9
85°	127.6	138.2	148.8	159.2	169.0	179.0	188.2	197.2	205.6	213.8	222.0
87.5°	127.8	138.1	149.1	159.2	169.3	179.1	188.5	197.7	205.6	214.2	222.1
90°	127.5	138.5	149.5	159.6	169.7	178.9	188.9	198.1	205.5	214.6	222.0
92.5°	127.8	138.1	149.1	159.2	169.3	179.1	188.5	197.7	205.6	214.2	222.1
95°	127.6	138.2	148.8	159.2	169.0	179.0	188.2	197.2	205.6	213.8	222.0
97.5°	127.6	138.3	148.7	159.4	168.7	178.6	187.7	196.2	205.1	213.2	220.9
100°	127.7	138.2	148.8	158.8	168.1	177.6	186.7	195.4	204.1	212.1	219.8
102.5°	127.8	137.9	148.1	157.9	167.3	176.6	185.8	194.7	202.7	210.5	218.4
105°	127.4	136.8	147.1	156.9	166.2	175.0	184.1	192.9	200.8	208.5	216.3
107.5°	125.9	135.2	145.6	155.1	164.6	173.5	182.5	191.0	198.9	206.3	213.8
110°	124.3	134.0	143.7	153.2	162.8	172.2	180.7	188.5	196.1	203.6	211.1



TEST NUMBER: P232070

CATALOG NUMBER: FVS4WM-3-LD4-40-2STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	122.9	132.4	141.6	150.7	160.0	169.2	177.6	185.5	193.4	201.0	208.3
115°	120.7	130.1	139.1	148.1	157.2	165.8	173.8	181.9	189.9	197.0	204.2
117.5°	118.4	127.3	136.5	145.5	153.8	162.0	169.9	178.2	185.9	192.8	199.6
120°	115.8	124.5	133.8	141.8	150.0	158.2	166.2	174.1	181.2	188.1	194.8
122.5°	112.8	121.6	130.1	138.0	146.4	154.0	161.6	169.1	176.3	183.2	190.0
125°	109.5	118.1	126.3	134.1	141.8	149.2	156.7	164.0	171.0	177.8	184.1
127.5°	105.5	113.9	122.0	129.8	136.9	144.2	151.5	158.7	165.5	171.9	178.0
130°	101.7	109.7	117.9	124.7	131.7	139.1	146.3	153.3	159.6	165.2	171.1
132.5°	97.4	104.9	112.3	119.3	126.9	133.7	140.1	146.7	152.8	158.4	164.3
135°	92.5	99.9	107.3	114.0	120.8	127.2	133.8	140.2	145.8	151.3	156.8
137.5°	87.7	94.8	101.5	108.1	114.2	120.9	127.4	133.0	138.4	143.9	149.1
140°	82.5	89.4	95.8	101.8	108.0	114.3	120.3	125.5	130.9	136.1	140.8
142.5°	77.1	83.4	89.4	95.3	101.1	106.9	112.5	117.8	123.0	127.8	132.3
145°	71.5	77.4	83.1	88.7	94.1	99.7	105.0	109.9	114.4	118.7	123.0
147.5°	65.8	71.2	76.7	81.8	86.7	91.8	96.8	101.3	105.4	109.6	113.7
150°	59.4	64.5	69.5	74.3	79.2	84.1	88.5	92.6	96.5	100.4	104.1
152.5°	53.5	58.0	62.5	67.1	71.5	75.8	79.8	83.7	87.3	90.9	94.3
155°	47.5	51.6	55.7	59.7	63.6	67.5	71.0	74.4	77.7	81.0	84.2
157.5°	41.3	44.9	48.6	52.2	55.6	58.9	62.0	65.1	68.2	71.2	73.9
160°	35.3	38.3	41.4	44.3	47.4	50.3	53.0	55.7	58.4	61.0	63.5
162.5°	28.9	31.7	34.3	36.8	39.2	41.5	43.7	46.2	48.7	51.1	53.2
165°	22.5	24.6	26.8	29.0	31.2	33.5	35.7	37.8	39.8	41.4	42.9
167.5°	17.8	19.4	21.0	22.6	24.1	25.6	27.2	28.7	30.1	31.5	32.7
170°	13.3	14.6	15.7	16.8	17.9	18.9	19.9	20.9	21.8	22.7	23.5
172.5°	8.1	8.3	9.5	10.3	11.1	12.0	12.8	13.5	14.3	14.9	15.6
175°	5.9	6.2	6.5	6.8	7.1	7.3	7.6	7.8	8.1	8.3	8.6
177.5°	3.6	3.8	3.9	4.1	4.2	4.3	4.5	4.6	4.7	4.8	4.9
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232070

CATALOG NUMBER: FVS4WM-3-LD4-40-2STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
2.5°	5.0	5.1	5.2	5.2	5.3	5.4	5.4	5.4	5.5	5.5	5.9
5°	8.8	9.0	9.2	9.3	9.5	9.7	9.8	9.9	10.0	10.1	11.0
7.5°	16.2	16.7	17.3	17.8	18.3	18.8	19.2	19.6	19.9	20.2	21.4
10°	24.3	25.0	25.7	26.3	27.0	27.8	28.5	29.2	29.8	30.3	31.8
12.5°	33.9	35.1	36.1	37.1	38.0	39.0	39.9	40.8	41.6	42.2	44.2
15°	44.2	45.5	46.8	48.1	49.3	50.4	51.4	52.4	53.3	54.1	56.6
17.5°	55.0	56.7	58.3	59.9	61.3	62.6	63.8	65.0	66.0	67.0	70.0
20°	65.7	67.9	69.9	72.0	73.5	74.9	76.2	77.5	78.8	79.8	83.5
22.5°	76.4	78.8	81.2	83.4	85.4	86.9	88.3	89.8	91.3	92.7	96.4
25°	87.1	89.8	92.4	94.8	97.1	98.9	100.4	102.0	103.8	105.5	109.2
27.5°	97.6	100.6	103.4	106.0	108.4	110.6	112.3	114.0	116.1	117.9	122.4
30°	107.8	111.2	114.3	117.1	119.7	122.0	124.2	126.1	128.3	130.2	135.6
32.5°	117.7	121.4	124.8	127.8	130.6	133.1	135.4	137.4	139.6	141.7	147.5
35°	127.2	131.1	134.8	138.3	141.5	144.1	146.5	148.6	151.0	153.2	159.4
37.5°	136.6	140.6	144.5	148.2	151.8	154.3	156.8	159.0	161.6	164.2	170.5
40°	145.4	149.5	153.8	157.9	161.5	164.5	167.0	169.3	172.1	175.2	181.6
42.5°	154.1	158.3	162.6	167.0	170.6	173.9	176.5	179.1	181.9	184.8	191.9
45°	161.9	166.7	171.2	175.3	179.4	183.2	185.8	188.8	191.7	194.4	202.1
47.5°	169.7	174.6	179.5	183.7	187.8	191.7	194.4	197.4	200.5	203.6	211.6
50°	176.8	181.8	187.1	192.0	196.3	200.1	202.9	205.9	209.2	212.8	221.1
52.5°	183.9	189.0	194.2	199.2	203.7	207.6	210.8	213.8	216.9	220.6	229.2
55°	190.1	195.7	201.0	205.9	210.5	214.9	218.6	221.7	224.6	228.4	237.3
57.5°	196.2	201.9	207.4	212.4	217.0	221.5	225.2	228.2	231.3	235.3	244.5
60°	201.3	207.6	213.4	218.6	223.4	227.9	231.7	234.6	238.1	242.1	251.6
62.5°	206.2	212.6	218.4	224.0	228.9	233.3	237.2	240.4	243.6	248.1	257.8
65°	210.8	216.9	223.1	229.0	234.0	238.6	242.7	246.1	249.1	254.1	264.0
67.5°	215.1	221.1	227.2	233.1	238.4	243.0	247.2	250.7	253.5	258.7	268.8
70°	218.3	225.0	231.0	237.0	242.7	247.3	251.7	255.2	258.0	263.2	273.5
72.5°	221.2	228.1	234.2	240.0	245.9	250.4	254.8	258.4	261.6	266.5	276.9
75°	223.8	230.8	237.1	242.8	248.9	253.5	257.9	261.6	265.2	269.7	280.7
77.5°	225.9	232.7	239.0	244.9	251.1	255.7	260.6	263.8	267.5	272.0	282.9
80°	227.7	234.2	240.6	247.0	253.2	257.9	263.2	266.1	269.8	274.2	285.2
82.5°	228.7	235.5	241.9	248.3	254.2	259.2	264.2	267.4	270.6	275.6	286.1
85°	229.4	236.6	243.1	249.5	255.1	260.5	265.1	268.7	271.5	277.0	287.1
87.5°	229.4	236.7	243.6	249.5	255.5	260.5	265.6	269.2	272.0	277.5	288.0
90°	229.3	236.6	244.0	249.5	255.9	260.5	266.0	269.7	272.4	277.9	288.9
92.5°	229.4	236.7	243.6	249.5	255.5	260.5	265.6	269.2	272.0	277.5	288.0
95°	229.4	236.6	243.1	249.5	255.1	260.5	265.1	268.7	271.5	277.0	287.1
97.5°	228.7	235.5	241.9	248.3	254.2	259.2	264.2	267.4	270.6	275.6	286.1
100°	227.7	234.2	240.6	247.0	253.2	257.9	263.2	266.1	269.8	274.2	285.2
102.5°	225.9	232.7	239.0	244.9	251.1	255.7	260.6	263.8	267.5	272.0	282.9
105°	223.8	230.8	237.1	242.8	248.9	253.5	257.9	261.6	265.2	269.7	280.7
107.5°	221.2	228.1	234.2	240.0	245.9	250.4	254.8	258.4	261.6	266.5	276.9
110°	218.3	225.0	231.0	237.0	242.7	247.3	251.7	255.2	258.0	263.2	273.5



TEST NUMBER: P232070

CATALOG NUMBER: FVS4WM-3-LD4-40-2STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
112.5°	215.1	221.1	227.2	233.1	238.4	243.0	247.2	250.7	253.5	258.7	268.8
115°	210.8	216.9	223.1	229.0	234.0	238.6	242.7	246.1	249.1	254.1	264.0
117.5°	206.2	212.6	218.4	224.0	228.9	233.3	237.2	240.4	243.6	248.1	257.8
120°	201.3	207.6	213.4	218.6	223.4	227.9	231.7	234.6	238.1	242.1	251.6
122.5°	196.2	201.9	207.4	212.4	217.0	221.5	225.2	228.2	231.3	235.3	244.5
125°	190.1	195.7	201.0	205.9	210.5	214.9	218.6	221.7	224.6	228.4	237.3
127.5°	183.9	189.0	194.2	199.2	203.7	207.6	210.8	213.8	216.9	220.6	229.2
130°	176.8	181.8	187.1	192.0	196.3	200.1	202.9	205.9	209.2	212.8	221.1
132.5°	169.7	174.6	179.5	183.7	187.8	191.7	194.4	197.4	200.5	203.6	211.6
135°	161.9	166.7	171.2	175.3	179.4	183.2	185.8	188.8	191.7	194.4	202.1
137.5°	154.1	158.3	162.6	167.0	170.6	173.9	176.5	179.1	181.9	184.8	191.9
140°	145.4	149.5	153.8	157.9	161.5	164.5	167.0	169.3	172.1	175.2	181.6
142.5°	136.6	140.6	144.5	148.2	151.8	154.3	156.8	159.0	161.6	164.2	170.5
145°	127.2	131.1	134.8	138.3	141.5	144.1	146.5	148.6	151.0	153.2	159.4
147.5°	117.7	121.4	124.8	127.8	130.6	133.1	135.4	137.4	139.6	141.7	147.5
150°	107.8	111.2	114.3	117.1	119.7	122.0	124.2	126.1	128.3	130.2	135.6
152.5°	97.6	100.6	103.4	106.0	108.4	110.6	112.3	114.0	116.1	117.9	122.4
155°	87.1	89.8	92.4	94.8	97.1	98.9	100.4	102.0	103.8	105.5	109.2
157.5°	76.4	78.8	81.2	83.4	85.4	86.9	88.3	89.8	91.3	92.7	96.4
160°	65.7	67.9	69.9	72.0	73.5	74.9	76.2	77.5	78.8	79.8	83.5
162.5°	55.0	56.7	58.3	59.9	61.3	62.6	63.8	65.0	66.0	67.0	70.0
165°	44.2	45.5	46.8	48.1	49.3	50.4	51.4	52.4	53.3	54.1	56.6
167.5°	33.9	35.1	36.1	37.1	38.0	39.0	39.9	40.8	41.6	42.2	44.2
170°	24.3	25.0	25.7	26.3	27.0	27.8	28.5	29.2	29.8	30.3	31.8
172.5°	16.2	16.7	17.3	17.8	18.3	18.8	19.2	19.6	19.9	20.2	21.4
175°	8.8	9.0	9.2	9.3	9.5	9.7	9.8	9.9	10.0	10.1	11.0
177.5°	5.0	5.1	5.2	5.2	5.3	5.4	5.4	5.4	5.5	5.5	5.9
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232070

CATALOG NUMBER: FVS4WM-3-LD4-40-2STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
2.5°	6.4	6.8	7.2	7.6	8.0	8.3	8.7	9.0	9.3	9.6	9.9
5°	11.8	12.7	13.5	14.2	15.0	15.7	16.4	17.1	17.8	18.4	19.0
7.5°	22.6	23.7	24.7	25.7	26.7	27.5	28.6	30.7	32.7	34.5	36.3
10°	33.3	34.7	36.0	37.2	38.8	42.0	45.0	48.0	50.7	53.3	55.9
12.5°	46.1	47.9	49.6	51.9	55.8	59.5	63.1	66.6	70.6	75.0	79.1
15°	59.1	61.3	63.7	68.3	72.7	77.0	81.4	87.7	93.7	99.3	105.3
17.5°	73.0	75.7	80.2	85.4	90.4	95.9	103.5	110.8	117.8	124.5	130.9
20°	86.9	90.4	96.6	102.6	108.6	117.1	125.5	133.6	141.9	149.8	157.2
22.5°	100.0	104.9	112.0	118.9	128.1	137.9	147.3	157.1	166.5	175.9	186.1
25°	112.8	119.3	127.4	136.2	147.8	159.0	170.0	180.7	191.7	203.9	215.5
27.5°	126.6	134.9	143.7	154.8	167.1	179.5	191.9	204.2	218.6	232.5	244.7
30°	140.7	150.6	160.3	172.7	186.0	199.5	213.4	228.8	244.1	258.2	271.4
32.5°	153.8	164.3	175.5	189.3	203.8	219.5	235.6	252.4	268.3	283.1	298.6
35°	166.7	177.7	190.7	205.7	222.2	240.0	256.9	274.5	291.8	308.7	326.2
37.5°	178.9	191.0	205.9	221.8	239.9	258.4	277.4	296.8	317.4	334.4	352.5
40°	191.1	204.6	220.9	238.1	256.7	277.2	298.0	318.8	338.9	358.3	378.2
42.5°	202.5	216.6	234.1	252.9	272.8	295.4	318.0	340.4	360.9	381.7	402.8
45°	213.7	228.7	246.7	267.3	289.1	312.2	336.9	360.3	382.0	404.2	426.2
47.5°	224.4	240.6	258.8	281.1	304.7	329.3	355.5	379.6	402.6	426.9	448.5
50°	235.1	252.2	270.9	294.5	320.1	346.0	371.7	396.6	421.4	445.8	469.8
52.5°	243.7	261.5	282.1	307.0	334.2	361.1	387.3	413.4	439.9	464.8	489.4
55°	252.0	270.6	292.9	319.3	346.9	375.5	403.0	429.7	456.2	482.6	508.6
57.5°	259.8	279.4	303.0	330.2	358.2	389.0	417.4	444.7	472.2	500.2	528.1
60°	267.6	288.0	312.7	340.2	369.1	401.1	430.0	459.1	488.2	516.3	542.6
62.5°	274.1	296.2	321.7	349.9	380.2	412.0	442.1	472.9	503.3	530.6	557.2
65°	280.5	304.3	330.2	359.6	390.9	422.2	453.2	483.7	514.8	543.6	570.8
67.5°	285.8	310.2	337.3	367.9	399.6	431.4	463.2	494.1	525.6	556.1	582.5
70°	291.0	315.7	344.1	375.6	407.4	439.8	472.5	504.3	535.3	565.5	594.5
72.5°	295.2	320.2	348.9	381.2	414.2	447.2	480.3	513.0	544.0	575.2	605.8
75°	299.3	324.5	353.3	386.2	420.8	453.9	486.6	520.5	552.1	582.8	612.9
77.5°	302.5	328.1	357.3	390.8	425.2	458.7	492.2	526.6	558.3	588.9	619.6
80°	306.3	331.6	361.2	395.1	428.6	462.7	497.4	531.2	562.3	594.0	624.8
82.5°	307.2	333.8	365.0	397.5	431.4	465.2	501.1	533.9	565.7	597.8	628.7
85°	308.2	334.8	366.8	399.9	434.7	467.8	505.2	536.6	568.8	600.2	631.2
87.5°	308.6	334.4	366.0	399.9	435.7	468.7	505.0	537.4	570.1	602.9	632.9
90°	309.1	333.9	365.0	399.9	436.6	469.6	504.5	538.4	569.6	604.4	632.9
92.5°	308.6	334.4	366.0	399.9	435.7	468.7	505.0	537.4	570.1	602.9	632.9
95°	308.2	334.8	366.8	399.9	434.7	467.8	505.2	536.6	568.8	600.2	631.2
97.5°	307.2	333.8	365.0	397.5	431.4	465.2	501.1	533.9	565.7	597.8	628.7
100°	306.3	331.6	361.2	395.1	428.6	462.7	497.4	531.2	562.3	594.0	624.8
102.5°	302.5	328.1	357.3	390.8	425.2	458.7	492.2	526.6	558.3	588.9	619.6
105°	299.3	324.5	353.3	386.2	420.8	453.9	486.6	520.5	552.1	582.8	612.9
107.5°	295.2	320.2	348.9	381.2	414.2	447.2	480.3	513.0	544.0	575.2	605.8
110°	291.0	315.7	344.1	375.6	407.4	439.8	472.5	504.3	535.3	565.5	594.5



TEST NUMBER: P232070

CATALOG NUMBER: FVS4WM-3-LD4-40-2STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	285.8	310.2	337.3	367.9	399.6	431.4	463.2	494.1	525.6	556.1	582.5
115°	280.5	304.3	330.2	359.6	390.9	422.2	453.2	483.7	514.8	543.6	570.8
117.5°	274.1	296.2	321.7	349.9	380.2	412.0	442.1	472.9	503.3	530.6	557.2
120°	267.6	288.0	312.7	340.2	369.1	401.1	430.0	459.1	488.2	516.3	542.6
122.5°	259.8	279.4	303.0	330.2	358.2	389.0	417.4	444.7	472.2	500.2	528.1
125°	252.0	270.6	292.9	319.3	346.9	375.5	403.0	429.7	456.2	482.6	508.6
127.5°	243.7	261.5	282.1	307.0	334.2	361.1	387.3	413.4	439.9	464.8	489.4
130°	235.1	252.2	270.9	294.5	320.1	346.0	371.7	396.6	421.4	445.8	469.8
132.5°	224.4	240.6	258.8	281.1	304.7	329.3	355.5	379.6	402.6	426.9	448.5
135°	213.7	228.7	246.7	267.3	289.1	312.2	336.9	360.3	382.0	404.2	426.2
137.5°	202.5	216.6	234.1	252.9	272.8	295.4	318.0	340.4	360.9	381.7	402.8
140°	191.1	204.6	220.9	238.1	256.7	277.2	298.0	318.8	338.9	358.3	378.2
142.5°	178.9	191.0	205.9	221.8	239.9	258.4	277.4	296.8	317.4	334.4	352.5
145°	166.7	177.7	190.7	205.7	222.2	240.0	256.9	274.5	291.8	308.7	326.2
147.5°	153.8	164.3	175.5	189.3	203.8	219.5	235.6	252.4	268.3	283.1	298.6
150°	140.7	150.6	160.3	172.7	186.0	199.5	213.4	228.8	244.1	258.2	271.4
152.5°	126.6	134.9	143.7	154.8	167.1	179.5	191.9	204.2	218.6	232.5	244.7
155°	112.8	119.3	127.4	136.2	147.8	159.0	170.0	180.7	191.7	203.9	215.5
157.5°	100.0	104.9	112.0	118.9	128.1	137.9	147.3	157.1	166.5	175.9	186.1
160°	86.9	90.4	96.6	102.6	108.6	117.1	125.5	133.6	141.9	149.8	157.2
162.5°	73.0	75.7	80.2	85.4	90.4	95.9	103.5	110.8	117.8	124.5	130.9
165°	59.1	61.3	63.7	68.3	72.7	77.0	81.4	87.7	93.7	99.3	105.3
167.5°	46.1	47.9	49.6	51.9	55.8	59.5	63.1	66.6	70.6	75.0	79.1
170°	33.3	34.7	36.0	37.2	38.8	42.0	45.0	48.0	50.7	53.3	55.9
172.5°	22.6	23.7	24.7	25.7	26.7	27.5	28.6	30.7	32.7	34.5	36.3
175°	11.8	12.7	13.5	14.2	15.0	15.7	16.4	17.1	17.8	18.4	19.0
177.5°	6.4	6.8	7.2	7.6	8.0	8.3	8.7	9.0	9.3	9.6	9.9
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232070

CATALOG NUMBER: FVS4WM-3-LD4-40-2STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
2.5°	10.2	10.5	10.7	10.9	11.1	11.3	11.5	11.6	11.7	11.8	11.9
5°	20.3	21.5	22.7	23.9	24.9	26.0	26.9	27.8	28.7	29.4	30.1
7.5°	37.9	39.4	40.8	42.1	43.4	45.2	46.5	48.8	50.7	52.4	54.0
10°	59.0	62.0	65.0	67.7	70.3	72.7	75.0	77.3	79.8	81.9	83.8
12.5°	83.0	86.5	89.9	94.5	98.8	102.8	106.5	109.9	112.9	115.9	118.8
15°	109.9	115.2	120.3	125.2	130.0	135.0	139.7	144.0	148.3	152.2	155.9
17.5°	136.8	143.5	149.8	156.6	163.0	168.9	174.8	180.4	185.5	190.1	194.4
20°	165.6	173.9	181.9	189.6	197.3	205.0	212.0	218.4	224.0	229.3	234.0
22.5°	195.9	205.5	215.5	224.9	234.0	241.3	248.3	254.9	261.5	267.6	272.7
25°	226.9	238.2	250.8	259.0	267.8	276.2	284.8	293.0	300.6	307.2	312.2
27.5°	256.6	268.7	280.6	291.6	301.9	311.8	322.9	329.7	337.1	343.7	349.7
30°	285.3	299.7	313.2	325.3	336.8	346.8	356.2	365.1	373.5	381.2	389.1
32.5°	314.7	330.0	344.2	357.6	369.0	379.5	390.3	400.3	409.5	417.5	425.4
35°	343.1	358.9	374.2	388.6	401.3	412.9	424.4	435.1	445.0	453.7	461.0
37.5°	370.5	387.6	404.5	419.7	432.2	445.0	458.0	469.4	479.2	489.8	496.0
40°	397.6	415.5	432.3	447.3	462.3	477.7	490.8	502.0	512.3	521.5	529.9
42.5°	422.7	441.6	459.0	475.3	491.7	506.6	520.3	532.7	545.1	554.0	563.8
45°	447.4	466.7	485.3	503.2	519.3	534.7	549.1	562.4	574.4	584.8	594.0
47.5°	470.3	490.8	511.0	529.5	545.5	561.5	576.9	591.7	603.9	614.2	623.7
50°	492.5	513.8	534.5	553.2	570.4	587.3	602.8	617.7	632.0	642.1	651.9
52.5°	513.3	535.6	556.5	576.3	594.6	611.4	627.7	643.8	655.8	667.7	678.7
55°	533.1	556.0	577.8	597.1	616.5	635.5	652.2	666.6	679.9	692.3	702.8
57.5°	550.2	574.2	596.6	618.2	638.4	656.5	673.6	689.1	702.4	715.0	726.5
60°	566.2	593.5	615.6	637.1	657.4	676.0	693.4	709.2	723.4	736.9	748.9
62.5°	583.3	609.2	632.4	654.6	675.2	694.0	711.8	728.5	742.9	756.3	768.7
65°	597.8	623.8	647.7	670.2	691.4	710.7	728.9	745.7	760.6	774.2	787.2
67.5°	609.8	637.4	661.3	684.4	706.2	726.2	744.6	761.3	776.9	790.8	803.7
70°	621.6	649.7	673.5	698.0	719.9	740.1	758.2	774.9	791.0	805.3	818.8
72.5°	632.3	658.8	684.5	709.0	731.1	753.2	771.3	788.0	804.3	819.0	832.6
75°	640.5	667.3	693.7	717.9	740.1	761.7	780.7	799.1	816.2	830.5	843.8
77.5°	647.4	674.8	700.7	725.3	748.4	769.3	789.1	807.6	823.7	839.6	853.7
80°	652.8	680.6	706.3	731.2	754.7	775.6	795.7	814.1	831.1	847.0	861.3
82.5°	657.2	685.0	710.8	735.3	759.5	780.7	800.0	819.2	836.3	852.1	866.7
85°	660.2	687.2	714.0	738.2	761.5	783.2	803.0	822.1	838.9	855.5	869.4
87.5°	661.8	689.5	716.6	740.5	763.7	785.1	805.5	824.0	840.4	857.5	871.2
90°	661.3	690.6	717.2	741.1	764.9	785.1	806.2	825.5	841.1	856.7	870.4
92.5°	661.8	689.5	716.6	740.5	763.7	785.1	805.5	824.0	840.4	857.5	871.2
95°	660.2	687.2	714.0	738.2	761.5	783.2	803.0	822.1	838.9	855.5	869.4
97.5°	657.2	685.0	710.8	735.3	759.5	780.7	800.0	819.2	836.3	852.1	866.7
100°	652.8	680.6	706.3	731.2	754.7	775.6	795.7	814.1	831.1	847.0	861.3
102.5°	647.4	674.8	700.7	725.3	748.4	769.3	789.1	807.6	823.7	839.6	853.7
105°	640.5	667.3	693.7	717.9	740.1	761.7	780.7	799.1	816.2	830.5	843.8
107.5°	632.3	658.8	684.5	709.0	731.1	753.2	771.3	788.0	804.3	819.0	832.6
110°	621.6	649.7	673.5	698.0	719.9	740.1	758.2	774.9	791.0	805.3	818.8



TEST NUMBER: P232070

CATALOG NUMBER: FVS4WM-3-LD4-40-2STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
112.5°	609.8	637.4	661.3	684.4	706.2	726.2	744.6	761.3	776.9	790.8	803.7
115°	597.8	623.8	647.7	670.2	691.4	710.7	728.9	745.7	760.6	774.2	787.2
117.5°	583.3	609.2	632.4	654.6	675.2	694.0	711.8	728.5	742.9	756.3	768.7
120°	566.2	593.5	615.6	637.1	657.4	676.0	693.4	709.2	723.4	736.9	748.9
122.5°	550.2	574.2	596.6	618.2	638.4	656.5	673.6	689.1	702.4	715.0	726.5
125°	533.1	556.0	577.8	597.1	616.5	635.5	652.2	666.6	679.9	692.3	702.8
127.5°	513.3	535.6	556.5	576.3	594.6	611.4	627.7	643.8	655.8	667.7	678.7
130°	492.5	513.8	534.5	553.2	570.4	587.3	602.8	617.7	632.0	642.1	651.9
132.5°	470.3	490.8	511.0	529.5	545.5	561.5	576.9	591.7	603.9	614.2	623.7
135°	447.4	466.7	485.3	503.2	519.3	534.7	549.1	562.4	574.4	584.8	594.0
137.5°	422.7	441.6	459.0	475.3	491.7	506.6	520.3	532.7	545.1	554.0	563.8
140°	397.6	415.5	432.3	447.3	462.3	477.7	490.8	502.0	512.3	521.5	529.9
142.5°	370.5	387.6	404.5	419.7	432.2	445.0	458.0	469.4	479.2	489.8	496.0
145°	343.1	358.9	374.2	388.6	401.3	412.9	424.4	435.1	445.0	453.7	461.0
147.5°	314.7	330.0	344.2	357.6	369.0	379.5	390.3	400.3	409.5	417.5	425.4
150°	285.3	299.7	313.2	325.3	336.8	346.8	356.2	365.1	373.5	381.2	389.1
152.5°	256.6	268.7	280.6	291.6	301.9	311.8	322.9	329.7	337.1	343.7	349.7
155°	226.9	238.2	250.8	259.0	267.8	276.2	284.8	293.0	300.6	307.2	312.2
157.5°	195.9	205.5	215.5	224.9	234.0	241.3	248.3	254.9	261.5	267.6	272.7
160°	165.6	173.9	181.9	189.6	197.3	205.0	212.0	218.4	224.0	229.3	234.0
162.5°	136.8	143.5	149.8	156.6	163.0	168.9	174.8	180.4	185.5	190.1	194.4
165°	109.9	115.2	120.3	125.2	130.0	135.0	139.7	144.0	148.3	152.2	155.9
167.5°	83.0	86.5	89.9	94.5	98.8	102.8	106.5	109.9	112.9	115.9	118.8
170°	59.0	62.0	65.0	67.7	70.3	72.7	75.0	77.3	79.8	81.9	83.8
172.5°	37.9	39.4	40.8	42.1	43.4	45.2	46.5	48.8	50.7	52.4	54.0
175°	20.3	21.5	22.7	23.9	24.9	26.0	26.9	27.8	28.7	29.4	30.1
177.5°	10.2	10.5	10.7	10.9	11.1	11.3	11.5	11.6	11.7	11.8	11.9
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232070

CATALOG NUMBER: FVS4WM-3-LD4-40-2STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
2.5°	11.9	12.0	12.0	12.0	12.0	11.9	12.2	12.0	11.8	11.6	11.4
5°	30.7	31.3	31.7	32.1	32.4	32.7	32.8	32.9	33.5	33.2	32.8
7.5°	55.4	56.7	57.7	58.6	59.3	59.8	60.2	60.3	60.3	60.9	60.1
10°	85.3	87.5	89.3	91.0	92.4	93.5	94.5	95.1	95.5	96.9	96.1
12.5°	121.4	123.7	125.7	127.5	129.6	131.3	132.6	133.5	134.0	134.1	134.5
15°	159.3	162.2	164.6	166.4	167.7	169.3	170.9	172.1	172.8	173.2	174.0
17.5°	198.2	201.6	204.5	206.8	208.6	209.8	211.1	212.4	213.1	213.2	213.8
20°	238.2	241.8	244.9	247.6	250.0	251.9	253.4	254.7	255.5	255.7	256.6
22.5°	276.8	279.8	282.9	287.2	290.5	292.6	293.7	293.8	295.0	295.8	297.5
25°	317.1	321.9	326.4	329.6	331.8	333.4	334.4	334.7	334.9	335.7	335.6
27.5°	355.6	360.9	365.2	368.4	370.3	372.8	374.3	375.0	375.0	376.1	376.6
30°	394.3	399.4	403.8	407.2	409.7	411.4	413.2	414.1	413.9	413.8	413.8
32.5°	431.9	437.1	441.4	445.5	448.0	449.2	450.2	451.4	451.8	451.7	451.7
35°	467.5	473.3	477.8	481.1	483.6	485.4	486.1	487.2	487.2	485.9	486.3
37.5°	502.7	508.7	513.6	517.5	520.2	522.0	522.7	522.7	522.3	520.7	520.4
40°	537.8	544.4	549.2	552.7	555.2	556.8	557.4	556.5	556.2	555.2	554.3
42.5°	571.5	577.4	582.4	585.8	588.5	590.6	590.7	589.7	588.5	587.1	585.0
45°	602.0	608.4	613.4	617.3	620.5	623.3	621.9	620.9	619.1	618.2	616.4
47.5°	632.2	638.4	643.9	648.3	650.7	651.5	651.4	650.9	649.1	647.7	645.7
50°	659.8	666.8	673.9	678.4	680.8	682.3	682.6	681.2	678.6	676.0	674.6
52.5°	687.1	696.8	703.0	706.9	709.3	710.4	710.7	709.3	706.9	704.2	702.8
55°	711.6	721.2	727.8	731.8	734.5	736.5	737.2	735.7	733.3	730.3	728.8
57.5°	736.8	744.9	750.8	756.4	761.0	762.4	763.0	761.6	758.4	755.1	752.9
60°	758.8	766.8	774.4	780.4	784.8	786.7	787.2	786.3	782.9	779.1	775.9
62.5°	778.6	788.2	796.3	802.7	806.9	808.2	809.5	808.7	805.5	801.4	797.6
65°	797.8	807.4	815.8	821.7	827.0	829.5	829.9	829.0	826.3	821.5	818.1
67.5°	815.7	825.3	833.2	839.4	844.6	847.7	848.6	847.8	845.3	840.5	836.1
70°	830.2	840.4	848.8	855.5	860.7	864.6	865.6	864.8	863.0	858.2	852.4
72.5°	844.0	854.6	863.7	869.3	874.4	878.1	879.9	879.6	877.9	873.3	867.5
75°	856.0	866.4	874.9	881.4	886.6	889.4	891.1	892.0	890.4	886.9	880.9
77.5°	866.0	876.2	884.2	891.0	895.8	899.0	900.7	901.7	900.9	898.6	892.4
80°	873.7	884.2	892.2	899.5	904.1	906.9	908.5	908.9	908.2	907.0	902.4
82.5°	879.3	889.3	897.9	904.9	909.6	912.4	914.0	914.1	913.2	911.5	910.4
85°	882.3	892.5	901.4	907.6	912.4	915.5	917.1	917.4	916.3	914.7	912.8
87.5°	884.2	893.9	902.3	908.0	912.7	915.8	917.0	917.5	916.4	914.5	912.6
90°	884.2	893.4	901.6	908.0	911.7	914.4	915.4	915.4	913.5	909.9	906.2
92.5°	884.2	893.9	902.3	908.0	912.7	915.8	917.0	917.5	916.4	914.5	912.6
95°	882.3	892.5	901.4	907.6	912.4	915.5	917.1	917.4	916.3	914.7	912.8
97.5°	879.3	889.3	897.9	904.9	909.6	912.4	914.0	914.1	913.2	911.5	910.4
100°	873.7	884.2	892.2	899.5	904.1	906.9	908.5	908.9	908.2	907.0	902.4
102.5°	866.0	876.2	884.2	891.0	895.8	899.0	900.7	901.7	900.9	898.6	892.4
105°	856.0	866.4	874.9	881.4	886.6	889.4	891.1	892.0	890.4	886.9	880.9
107.5°	844.0	854.6	863.7	869.3	874.4	878.1	879.9	879.6	877.9	873.3	867.5
110°	830.2	840.4	848.8	855.5	860.7	864.6	865.6	864.8	863.0	858.2	852.4



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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°	815.7	825.3	833.2	839.4	844.6	847.7	848.6	847.8	845.3	840.5	836.1
115°	797.8	807.4	815.8	821.7	827.0	829.5	829.9	829.0	826.3	821.5	818.1
117.5°	778.6	788.2	796.3	802.7	806.9	808.2	809.5	808.7	805.5	801.4	797.6
120°	758.8	766.8	774.4	780.4	784.8	786.7	787.2	786.3	782.9	779.1	775.9
122.5°	736.8	744.9	750.8	756.4	761.0	762.4	763.0	761.6	758.4	755.1	752.9
125°	711.6	721.2	727.8	731.8	734.5	736.5	737.2	735.7	733.3	730.3	728.8
127.5°	687.1	696.8	703.0	706.9	709.3	710.4	710.7	709.3	706.9	704.2	702.8
130°	659.8	666.8	673.9	678.4	680.8	682.3	682.6	681.2	678.6	676.0	674.6
132.5°	632.2	638.4	643.9	648.3	650.7	651.5	651.4	650.9	649.1	647.7	645.7
135°	602.0	608.4	613.4	617.3	620.5	623.3	621.9	620.9	619.1	618.2	616.4
137.5°	571.5	577.4	582.4	585.8	588.5	590.6	590.7	589.7	588.5	587.1	585.0
140°	537.8	544.4	549.2	552.7	555.2	556.8	557.4	556.5	556.2	555.2	554.3
142.5°	502.7	508.7	513.6	517.5	520.2	522.0	522.7	522.7	522.3	520.7	520.4
145°	467.5	473.3	477.8	481.1	483.6	485.4	486.1	487.2	487.2	485.9	486.3
147.5°	431.9	437.1	441.4	445.5	448.0	449.2	450.2	451.4	451.8	451.7	451.7
150°	394.3	399.4	403.8	407.2	409.7	411.4	413.2	414.1	413.9	413.8	413.8
152.5°	355.6	360.9	365.2	368.4	370.3	372.8	374.3	375.0	375.0	376.1	376.6
155°	317.1	321.9	326.4	329.6	331.8	333.4	334.4	334.7	334.9	335.7	335.6
157.5°	276.8	279.8	282.9	287.2	290.5	292.6	293.7	293.8	295.0	295.8	297.5
160°	238.2	241.8	244.9	247.6	250.0	251.9	253.4	254.7	255.5	255.7	256.6
162.5°	198.2	201.6	204.5	206.8	208.6	209.8	211.1	212.4	213.1	213.2	213.8
165°	159.3	162.2	164.6	166.4	167.7	169.3	170.9	172.1	172.8	173.2	174.0
167.5°	121.4	123.7	125.7	127.5	129.6	131.3	132.6	133.5	134.0	134.1	134.5
170°	85.3	87.5	89.3	91.0	92.4	93.5	94.5	95.1	95.5	96.9	96.1
172.5°	55.4	56.7	57.7	58.6	59.3	59.8	60.2	60.3	60.3	60.9	60.1
175°	30.7	31.3	31.7	32.1	32.4	32.7	32.8	32.9	33.5	33.2	32.8
177.5°	11.9	12.0	12.0	12.0	12.0	11.9	12.2	12.0	11.8	11.6	11.4
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):

	357.5°	360°
0°	0.9	0.9
2.5°	11.2	11.0
5°	32.5	32.1
7.5°	59.4	58.7
10°	95.3	94.5
12.5°	133.3	132.1
15°	172.7	171.5
17.5°	211.9	210.0
20°	254.4	252.2
22.5°	295.9	294.4
25°	335.0	332.9
27.5°	376.8	375.1
30°	413.3	410.9
32.5°	451.1	448.5
35°	486.8	485.2
37.5°	520.9	519.1
40°	554.5	552.2
42.5°	584.9	582.4
45°	616.8	614.5
47.5°	646.7	645.7
50°	674.1	671.4
52.5°	702.5	700.7
55°	728.7	727.3
57.5°	752.8	752.1
60°	775.7	774.1
62.5°	796.1	797.0
65°	817.3	817.2
67.5°	835.1	835.6
70°	850.6	852.1
72.5°	865.8	866.8
75°	877.9	880.5
77.5°	888.2	892.4
80°	897.6	900.7
82.5°	905.3	908.0
85°	912.3	912.6
87.5°	913.5	916.3
90°	903.4	911.7
92.5°	913.5	916.3
95°	912.3	912.6
97.5°	905.3	908.0
100°	897.6	900.7
102.5°	888.2	892.4
105°	877.9	880.5
107.5°	865.8	866.8
110°	850.6	852.1



TEST NUMBER: P232070

CATALOG NUMBER: FVS4WM-3-LD4-40-2STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	835.1	835.6
115°	817.3	817.2
117.5°	796.1	797.0
120°	775.7	774.1
122.5°	752.8	752.1
125°	728.7	727.3
127.5°	702.5	700.7
130°	674.1	671.4
132.5°	646.7	645.7
135°	616.8	614.5
137.5°	584.9	582.4
140°	554.5	552.2
142.5°	520.9	519.1
145°	486.8	485.2
147.5°	451.1	448.5
150°	413.3	410.9
152.5°	376.8	375.1
155°	335.0	332.9
157.5°	295.9	294.4
160°	254.4	252.2
162.5°	211.9	210.0
165°	172.7	171.5
167.5°	133.3	132.1
170°	95.3	94.5
172.5°	59.4	58.7
175°	32.5	32.1
177.5°	11.2	11.0
180°	0.0	0.0

(END OF REPORT)