

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: P231996

Luminaire Tested: **FVS4WM-4-LD4-30-2STD-PFS125-UNV-EDC1**

Issue Date: 3/3/2020



Test Information

Test Method: LM-79-08
Report Number: P231996
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1706-121-19)
Test Lab: INNOVATION CENTER(G3)
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: FAIL-SAFE
Catalog Number: FVS4WM-4-LD4-30-2STD-PFS125-UNV-EDC1
Description: FAILSAFE FVS LED FIXTURE
4FT LENGTH, 2-MODULE LED WITH PFS125 LENS
Light Source: (168) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

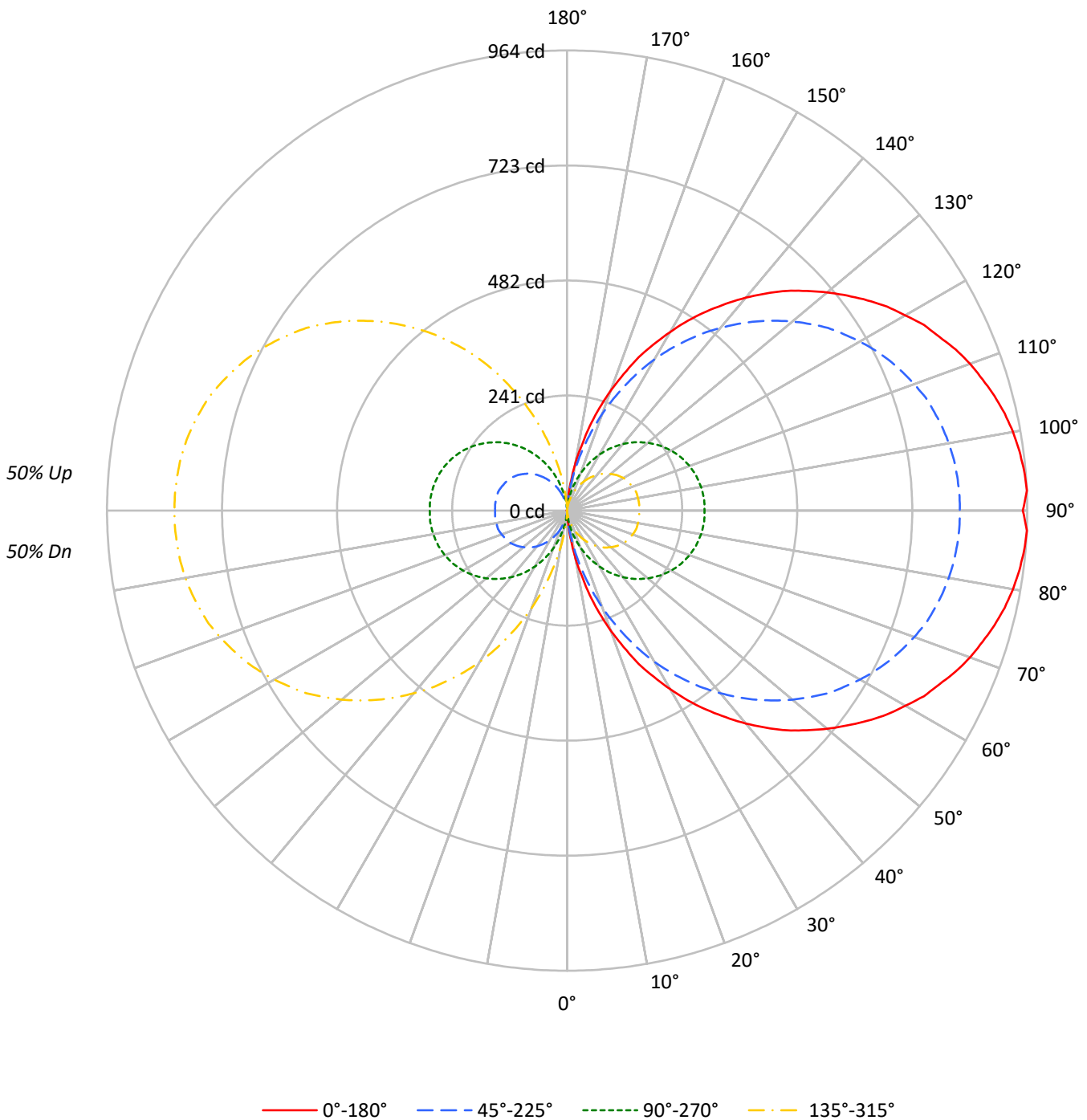
Lumens per Lamp: N/A
Luminaire Lumens: 4277.6 lumens
Efficiency: N/A
Efficacy: 63.4 lumens/watt
Spacing Criteria (0/90/45): - / - / -
Luminous Opening: Rectangular w/ Sides (W: 3.79' x L: 0.19' x H: 0.31')
CIE Type: General Diffuse

Input Watts (W): 67.5
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

TEST NUMBER: P231996

CATALOG NUMBER: FVS4WM-4-LD4-30-2STD-PFS125-UNV-EDC1

Luminous Intensity Polar Plot





TEST NUMBER: P231996

CATALOG NUMBER: FVS4WM-4-LD4-30-2STD-PFS125-UNV-EDC1

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	36	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°	0	0	0	0
5°	430	143	0	143
10°	1231	467	0	467
15°	1980	862	0	862
20°	2682	1300	0	1300
25°	3331	1768	0	1768
30°	3848	2258	0	2258
35°	4345	2792	0	2792
40°	4798	3363	0	3363
45°	5227	4006	0	4006
50°	5609	4734	6	4734
55°	5997	5604	6	5604
60°	6372	6664	6	6664
65°	6740	8019	6	8019
70°	7130	9850	6	9850
75°	7511	12527	6	12527
80°	7911	16922	0	16922
85°	8326	25753	0	25753



TEST NUMBER: P231996

CATALOG NUMBER: FVS4WM-4-LD4-30-2STD-PFS125-UNV-EDC1

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	2.3	0.1
10°-20°	23.9	0.6
20°-30°	74.9	1.8
30°-40°	148.9	3.5
40°-50°	235.2	5.5
50°-60°	321.9	7.5
60°-70°	397.9	9.3
70°-80°	453.2	10.6
80°-90°	480.5	11.2
90°-100°	480.5	11.2
100°-110°	453.2	10.6
110°-120°	397.9	9.3
120°-130°	321.9	7.5
130°-140°	235.2	5.5
140°-150°	148.9	3.5
150°-160°	74.9	1.8
160°-170°	23.9	0.6
170°-180°	2.3	0.1
0°-30°	101.2	2.4
0°-40°	250.1	5.8
0°-60°	807.2	18.9
0°-90°	2138.8	50.0
90°-120°	1331.5	31.1
90°-150°	2037.6	47.6
90°-180°	2139.0	50.0
0°-180°	4277.6	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	0	0	0	0	0	
5°	32	10	0	10	32	5
15°	183	56	0	56	183	54
25°	354	110	0	110	354	165
35°	509	160	0	160	509	321
45°	651	202	0	202	651	504
55°	768	237	1	237	768	689
65°	861	263	1	263	861	855
75°	927	280	1	280	927	979
85°	961	288	0	288	961	782
90°	955	288	0	288	955	526
95°	961	288	0	288	961	782
105°	927	280	1	280	927	979
115°	861	263	1	263	861	855
125°	768	237	1	237	768	689
135°	651	202	0	202	651	504
145°	509	160	0	160	509	321
155°	354	110	0	110	354	165
165°	183	56	0	56	183	54
175°	32	10	0	10	32	5
180°	0	0	0	0	0	



TEST NUMBER: P231996

CATALOG NUMBER: FVS4WM-4-LD4-30-2STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	9.5	9.7	9.9	10.1	10.3	10.5	10.7	10.5	10.6	10.6	10.6
5°	32.4	32.9	33.3	33.7	34.2	33.5	33.5	33.4	33.1	32.8	32.4
7.5°	63.3	63.9	64.5	65.2	64.4	64.2	63.9	63.3	62.7	61.8	60.8
10°	103.6	104.2	104.7	105.3	103.4	102.6	101.6	100.3	98.7	96.8	94.8
12.5°	137.6	138.9	140.2	140.0	140.0	139.7	138.9	137.7	136.0	133.9	132.0
15°	182.7	183.8	184.8	183.6	182.9	181.8	180.2	178.2	176.4	174.8	172.8
17.5°	225.4	226.8	228.1	226.8	226.1	224.8	222.8	221.2	219.6	217.6	215.0
20°	267.4	268.8	270.3	268.7	267.9	266.4	265.0	264.0	262.3	259.9	256.9
22.5°	309.3	311.1	312.9	311.2	310.3	308.9	308.3	307.0	304.8	301.9	298.3
25°	354.4	355.5	354.8	353.8	352.0	351.6	351.2	350.0	347.8	344.8	341.8
27.5°	392.3	394.0	393.9	393.3	392.1	392.6	392.3	391.2	389.0	387.1	383.8
30°	431.9	433.9	434.0	433.5	433.3	433.3	432.5	430.8	429.0	426.4	422.9
32.5°	472.2	473.7	473.1	472.0	472.9	473.2	472.4	471.0	468.9	465.8	461.5
35°	509.4	510.5	509.4	508.5	510.8	511.9	511.7	510.8	508.9	505.6	501.8
37.5°	545.8	547.0	545.7	545.6	547.2	548.0	548.7	548.3	546.3	544.0	540.4
40°	582.2	582.2	579.7	580.6	582.6	583.4	584.3	584.3	583.3	581.2	578.1
42.5°	617.0	617.4	614.9	616.5	618.0	619.1	619.6	619.1	617.6	615.5	612.4
45°	651.0	649.8	645.9	648.8	650.5	652.5	653.2	654.4	651.5	648.5	645.0
47.5°	681.0	680.6	678.3	681.4	683.3	684.9	685.5	685.2	683.9	681.5	677.4
50°	711.1	712.1	710.6	711.1	713.4	715.8	717.1	716.4	715.0	712.3	708.1
52.5°	739.6	741.6	741.0	740.5	742.5	744.4	746.3	746.3	745.0	741.3	735.7
55°	768.0	767.5	766.9	767.9	770.5	773.0	774.8	774.5	772.5	768.0	761.7
57.5°	794.9	793.1	792.3	794.4	797.4	799.9	801.5	801.3	799.1	793.1	785.3
60°	817.9	817.2	816.4	819.0	822.2	824.5	827.1	825.9	823.0	816.8	808.9
62.5°	842.4	839.9	838.6	841.4	845.1	848.1	849.6	847.7	843.9	839.4	831.0
65°	860.6	861.9	859.4	862.8	867.1	868.9	870.1	867.6	863.0	857.4	851.3
67.5°	881.2	880.2	879.2	882.5	887.1	889.3	888.4	885.2	881.8	876.0	869.7
70°	898.6	897.0	896.1	899.9	903.8	906.1	904.0	901.0	897.7	893.2	887.0
72.5°	912.8	911.6	910.7	916.0	919.4	919.7	917.6	914.7	912.1	908.3	902.2
75°	927.0	924.6	924.7	929.9	931.4	929.8	928.0	927.2	925.7	921.9	915.0
77.5°	938.9	934.9	936.6	940.3	939.4	938.3	938.9	939.0	936.9	932.4	925.6
80°	948.4	943.6	946.3	946.8	944.4	947.2	949.6	948.8	945.6	941.2	933.7
82.5°	955.5	951.4	951.4	947.9	952.2	955.4	955.9	954.4	951.3	946.2	939.3
85°	961.0	957.0	949.4	954.0	957.2	958.4	958.5	957.5	954.5	949.7	943.0
87.5°	964.2	950.5	952.3	954.4	957.3	959.0	959.2	957.5	955.6	950.7	944.1
90°	954.7	945.2	946.0	950.8	953.9	956.3	957.1	956.3	954.7	950.0	942.9
92.5°	964.2	950.5	952.3	954.4	957.3	959.0	959.2	957.5	955.6	950.7	944.1
95°	961.0	957.0	949.4	954.0	957.2	958.4	958.5	957.5	954.5	949.7	943.0
97.5°	955.5	951.4	951.4	947.9	952.2	955.4	955.9	954.4	951.3	946.2	939.3
100°	948.4	943.6	946.3	946.8	944.4	947.2	949.6	948.8	945.6	941.2	933.7
102.5°	938.9	934.9	936.6	940.3	939.4	938.3	938.9	939.0	936.9	932.4	925.6
105°	927.0	924.6	924.7	929.9	931.4	929.8	928.0	927.2	925.7	921.9	915.0
107.5°	912.8	911.6	910.7	916.0	919.4	919.7	917.6	914.7	912.1	908.3	902.2
110°	898.6	897.0	896.1	899.9	903.8	906.1	904.0	901.0	897.7	893.2	887.0



TEST NUMBER: P231996

CATALOG NUMBER: FVS4WM-4-LD4-30-2STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
112.5°	881.2	880.2	879.2	882.5	887.1	889.3	888.4	885.2	881.8	876.0	869.7
115°	860.6	861.9	859.4	862.8	867.1	868.9	870.1	867.6	863.0	857.4	851.3
117.5°	842.4	839.9	838.6	841.4	845.1	848.1	849.6	847.7	843.9	839.4	831.0
120°	817.9	817.2	816.4	819.0	822.2	824.5	827.1	825.9	823.0	816.8	808.9
122.5°	794.9	793.1	792.3	794.4	797.4	799.9	801.5	801.3	799.1	793.1	785.3
125°	768.0	767.5	766.9	767.9	770.5	773.0	774.8	774.5	772.5	768.0	761.7
127.5°	739.6	741.6	741.0	740.5	742.5	744.4	746.3	746.3	745.0	741.3	735.7
130°	711.1	712.1	710.6	711.1	713.4	715.8	717.1	716.4	715.0	712.3	708.1
132.5°	681.0	680.6	678.3	681.4	683.3	684.9	685.5	685.2	683.9	681.5	677.4
135°	651.0	649.8	645.9	648.8	650.5	652.5	653.2	654.4	651.5	648.5	645.0
137.5°	617.0	617.4	614.9	616.5	618.0	619.1	619.6	619.1	617.6	615.5	612.4
140°	582.2	582.2	579.7	580.6	582.6	583.4	584.3	584.3	583.3	581.2	578.1
142.5°	545.8	547.0	545.7	545.6	547.2	548.0	548.7	548.3	546.3	544.0	540.4
145°	509.4	510.5	509.4	508.5	510.8	511.9	511.7	510.8	508.9	505.6	501.8
147.5°	472.2	473.7	473.1	472.0	472.9	473.2	472.4	471.0	468.9	465.8	461.5
150°	431.9	433.9	434.0	433.5	433.3	433.3	432.5	430.8	429.0	426.4	422.9
152.5°	392.3	394.0	393.9	393.3	392.1	392.6	392.3	391.2	389.0	387.1	383.8
155°	354.4	355.5	354.8	353.8	352.0	351.6	351.2	350.0	347.8	344.8	341.8
157.5°	309.3	311.1	312.9	311.2	310.3	308.9	308.3	307.0	304.8	301.9	298.3
160°	267.4	268.8	270.3	268.7	267.9	266.4	265.0	264.0	262.3	259.9	256.9
162.5°	225.4	226.8	228.1	226.8	226.1	224.8	222.8	221.2	219.6	217.6	215.0
165°	182.7	183.8	184.8	183.6	182.9	181.8	180.2	178.2	176.4	174.8	172.8
167.5°	137.6	138.9	140.2	140.0	140.0	139.7	138.9	137.7	136.0	133.9	132.0
170°	103.6	104.2	104.7	105.3	103.4	102.6	101.6	100.3	98.7	96.8	94.8
172.5°	63.3	63.9	64.5	65.2	64.4	64.2	63.9	63.3	62.7	61.8	60.8
175°	32.4	32.9	33.3	33.7	34.2	33.5	33.5	33.4	33.1	32.8	32.4
177.5°	9.5	9.7	9.9	10.1	10.3	10.5	10.7	10.5	10.6	10.6	10.6
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: P231996

CATALOG NUMBER: FVS4WM-4-LD4-30-2STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	10.6	10.6	10.6	10.5	10.4	10.3	10.2	10.1	9.9	9.7	9.6
5°	31.9	31.3	30.6	29.9	29.0	28.1	27.0	25.9	24.7	23.5	22.1
7.5°	59.6	58.2	56.7	55.0	53.2	51.3	49.0	47.5	45.6	44.0	42.4
10°	92.5	89.9	88.2	86.2	84.0	81.6	79.2	76.8	74.2	71.3	68.1
12.5°	130.0	127.5	124.7	121.5	118.1	115.0	111.7	108.1	104.4	100.6	96.5
15°	170.2	167.1	163.5	159.5	155.2	150.5	145.7	141.0	135.9	131.4	126.4
17.5°	212.0	208.5	204.4	199.8	195.1	189.9	184.3	178.4	172.5	166.2	159.6
20°	253.3	249.3	245.1	240.4	235.3	229.7	223.3	216.3	208.7	200.8	192.8
22.5°	294.9	291.0	286.1	280.4	273.7	267.1	260.7	253.7	246.4	237.0	227.1
25°	337.9	333.3	328.0	322.1	315.3	307.6	299.2	290.2	281.7	272.6	263.9
27.5°	379.3	374.3	368.8	362.6	355.5	347.7	340.8	329.0	317.8	305.9	294.2
30°	418.5	414.1	409.6	402.0	394.3	385.6	376.1	366.1	355.1	341.6	327.2
32.5°	458.1	453.2	447.3	440.1	432.0	422.3	411.8	400.6	389.2	376.9	361.6
35°	497.5	492.4	485.7	478.1	469.5	458.9	447.0	434.5	421.1	407.6	393.7
37.5°	535.3	529.4	522.5	515.8	505.3	494.4	481.4	468.1	454.0	438.3	422.8
40°	572.9	565.7	558.2	549.4	538.9	527.0	513.4	499.4	485.3	469.5	452.3
42.5°	606.8	599.9	591.8	582.5	573.9	559.7	545.6	530.9	515.9	499.0	480.9
45°	639.9	631.9	622.9	613.4	602.6	590.3	575.7	560.2	544.4	527.2	507.9
47.5°	671.8	663.1	653.3	643.3	631.8	618.5	604.6	588.7	571.4	553.7	534.1
50°	704.8	695.5	683.0	672.2	661.9	646.6	631.6	616.3	598.0	578.8	558.8
52.5°	729.7	721.7	710.1	699.1	687.2	674.6	658.0	641.8	624.4	603.4	582.1
55°	754.5	746.6	735.6	723.8	712.3	698.1	682.7	667.2	647.1	626.0	605.0
57.5°	778.0	770.1	759.9	747.9	735.7	721.5	705.1	687.6	668.6	647.8	624.6
60°	801.4	792.9	782.5	770.2	757.5	743.0	726.7	708.1	688.1	666.8	644.1
62.5°	823.1	814.4	803.8	791.6	777.5	762.8	745.9	727.4	707.0	684.6	661.5
65°	843.6	834.9	823.8	811.7	796.9	780.8	763.2	744.7	723.3	700.6	676.9
67.5°	862.7	854.0	841.8	828.8	814.9	798.0	779.5	759.8	738.2	715.4	691.2
70°	879.4	869.9	858.9	843.8	829.2	812.7	794.1	774.0	752.7	729.3	704.7
72.5°	894.6	884.1	872.4	858.2	842.2	825.5	806.9	787.3	764.6	741.1	715.5
75°	907.0	896.4	884.2	870.9	854.1	836.6	817.8	796.6	773.9	750.7	725.0
77.5°	916.9	906.3	893.7	879.5	863.2	845.6	826.3	805.2	782.4	758.4	732.8
80°	924.7	914.3	901.4	887.2	871.6	853.1	832.9	812.1	789.5	765.2	739.0
82.5°	930.8	919.7	906.9	892.5	876.5	857.9	837.7	817.2	795.2	770.8	744.0
85°	934.0	923.5	910.2	895.7	879.1	860.6	840.9	820.2	796.8	772.8	747.0
87.5°	935.3	925.5	912.9	897.7	881.1	862.2	843.4	822.6	798.9	774.4	749.1
90°	934.9	924.7	913.6	897.0	880.4	862.2	844.0	822.6	800.5	774.4	749.1
92.5°	935.3	925.5	912.9	897.7	881.1	862.2	843.4	822.6	798.9	774.4	749.1
95°	934.0	923.5	910.2	895.7	879.1	860.6	840.9	820.2	796.8	772.8	747.0
97.5°	930.8	919.7	906.9	892.5	876.5	857.9	837.7	817.2	795.2	770.8	744.0
100°	924.7	914.3	901.4	887.2	871.6	853.1	832.9	812.1	789.5	765.2	739.0
102.5°	916.9	906.3	893.7	879.5	863.2	845.6	826.3	805.2	782.4	758.4	732.8
105°	907.0	896.4	884.2	870.9	854.1	836.6	817.8	796.6	773.9	750.7	725.0
107.5°	894.6	884.1	872.4	858.2	842.2	825.5	806.9	787.3	764.6	741.1	715.5
110°	879.4	869.9	858.9	843.8	829.2	812.7	794.1	774.0	752.7	729.3	704.7



TEST NUMBER: P231996

CATALOG NUMBER: FVS4WM-4-LD4-30-2STD-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°	862.7	854.0	841.8	828.8	814.9	798.0	779.5	759.8	738.2	715.4	691.2
115°	843.6	834.9	823.8	811.7	796.9	780.8	763.2	744.7	723.3	700.6	676.9
117.5°	823.1	814.4	803.8	791.6	777.5	762.8	745.9	727.4	707.0	684.6	661.5
120°	801.4	792.9	782.5	770.2	757.5	743.0	726.7	708.1	688.1	666.8	644.1
122.5°	778.0	770.1	759.9	747.9	735.7	721.5	705.1	687.6	668.6	647.8	624.6
125°	754.5	746.6	735.6	723.8	712.3	698.1	682.7	667.2	647.1	626.0	605.0
127.5°	729.7	721.7	710.1	699.1	687.2	674.6	658.0	641.8	624.4	603.4	582.1
130°	704.8	695.5	683.0	672.2	661.9	646.6	631.6	616.3	598.0	578.8	558.8
132.5°	671.8	663.1	653.3	643.3	631.8	618.5	604.6	588.7	571.4	553.7	534.1
135°	639.9	631.9	622.9	613.4	602.6	590.3	575.7	560.2	544.4	527.2	507.9
137.5°	606.8	599.9	591.8	582.5	573.9	559.7	545.6	530.9	515.9	499.0	480.9
140°	572.9	565.7	558.2	549.4	538.9	527.0	513.4	499.4	485.3	469.5	452.3
142.5°	535.3	529.4	522.5	515.8	505.3	494.4	481.4	468.1	454.0	438.3	422.8
145°	497.5	492.4	485.7	478.1	469.5	458.9	447.0	434.5	421.1	407.6	393.7
147.5°	458.1	453.2	447.3	440.1	432.0	422.3	411.8	400.6	389.2	376.9	361.6
150°	418.5	414.1	409.6	402.0	394.3	385.6	376.1	366.1	355.1	341.6	327.2
152.5°	379.3	374.3	368.8	362.6	355.5	347.7	340.8	329.0	317.8	305.9	294.2
155°	337.9	333.3	328.0	322.1	315.3	307.6	299.2	290.2	281.7	272.6	263.9
157.5°	294.9	291.0	286.1	280.4	273.7	267.1	260.7	253.7	246.4	237.0	227.1
160°	253.3	249.3	245.1	240.4	235.3	229.7	223.3	216.3	208.7	200.8	192.8
162.5°	212.0	208.5	204.4	199.8	195.1	189.9	184.3	178.4	172.5	166.2	159.6
165°	170.2	167.1	163.5	159.5	155.2	150.5	145.7	141.0	135.9	131.4	126.4
167.5°	130.0	127.5	124.7	121.5	118.1	115.0	111.7	108.1	104.4	100.6	96.5
170°	92.5	89.9	88.2	86.2	84.0	81.6	79.2	76.8	74.2	71.3	68.1
172.5°	59.6	58.2	56.7	55.0	53.2	51.3	49.0	47.5	45.6	44.0	42.4
175°	31.9	31.3	30.6	29.9	29.0	28.1	27.0	25.9	24.7	23.5	22.1
177.5°	10.6	10.6	10.6	10.5	10.4	10.3	10.2	10.1	9.9	9.7	9.6
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: P231996

CATALOG NUMBER: FVS4WM-4-LD4-30-2STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	9.3	9.1	8.9	8.6	8.3	8.0	7.7	7.4	7.0	6.7	6.3
5°	20.7	19.3	17.7	17.2	16.6	16.0	15.4	14.8	14.1	13.4	12.7
7.5°	40.7	39.0	37.1	35.1	33.0	30.9	28.6	27.5	26.7	25.8	24.8
10°	64.6	61.0	57.3	54.6	51.9	49.2	46.3	43.4	40.3	38.7	37.3
12.5°	92.1	87.6	82.9	78.0	73.0	68.8	65.4	61.8	57.9	53.9	51.4
15°	121.0	114.9	109.3	103.0	97.4	91.6	85.7	80.9	76.2	71.2	66.0
17.5°	153.6	145.2	137.2	129.0	121.3	115.0	108.3	101.2	95.2	89.4	83.4
20°	184.5	175.8	166.6	157.8	148.8	139.7	131.7	123.3	114.6	107.7	100.9
22.5°	216.6	206.3	195.8	184.8	175.0	164.9	154.2	144.7	135.1	126.0	118.3
25°	250.3	238.1	226.0	214.0	201.6	189.5	177.0	164.5	154.7	144.6	135.7
27.5°	281.6	268.6	255.8	242.8	229.1	214.8	200.5	186.1	173.6	162.0	151.1
30°	313.0	298.8	284.7	270.5	255.4	239.5	223.2	208.2	193.9	179.7	166.0
32.5°	345.4	329.8	314.5	298.7	282.0	264.3	246.2	229.2	212.9	197.4	182.3
35°	377.5	359.7	342.5	325.0	306.8	288.2	269.2	250.9	232.3	214.8	198.8
37.5°	406.8	388.8	369.7	350.6	332.2	311.2	291.0	270.8	251.1	231.4	214.3
40°	434.8	416.4	396.6	376.2	354.8	333.2	311.5	290.5	269.5	248.5	229.4
42.5°	462.0	442.5	422.3	401.1	378.8	355.3	331.9	309.1	286.5	264.5	243.6
45°	488.0	467.8	446.3	423.9	400.9	375.9	351.4	327.3	302.8	279.7	257.7
47.5°	513.0	491.3	468.7	446.9	421.5	396.1	370.2	345.3	319.1	293.9	270.4
50°	537.1	514.5	490.5	466.0	440.9	415.1	388.5	362.6	335.3	307.7	282.9
52.5°	559.8	536.6	511.7	486.0	459.8	433.0	405.6	378.1	349.7	320.4	294.6
55°	581.2	557.3	531.9	505.4	477.2	449.3	420.9	391.8	362.3	332.6	305.9
57.5°	600.9	576.5	551.5	524.1	494.5	464.9	435.7	405.6	374.5	343.7	315.8
60°	619.9	594.5	567.1	539.6	510.1	478.8	449.3	419.4	386.8	354.3	325.2
62.5°	636.4	610.2	582.0	553.3	524.9	492.1	461.6	430.6	397.8	364.8	334.3
65°	651.7	625.0	596.8	567.3	537.4	505.3	472.9	440.1	407.5	374.9	343.3
67.5°	665.3	638.6	610.4	581.5	548.9	516.7	483.5	449.7	416.1	382.9	350.8
70°	677.9	650.3	621.9	591.2	559.4	526.1	492.5	459.1	424.3	389.9	358.0
72.5°	689.3	660.9	632.2	600.5	568.3	535.1	500.1	466.1	431.1	396.0	363.8
75°	698.2	670.4	640.6	608.3	575.8	543.1	507.0	471.6	436.9	401.7	369.1
77.5°	705.7	678.3	648.3	615.0	581.6	548.7	512.3	476.3	441.3	405.7	372.4
80°	711.3	683.8	652.9	620.5	585.7	552.2	516.4	480.5	444.9	409.2	375.2
82.5°	715.6	688.1	656.4	625.1	590.0	556.4	519.7	484.0	448.7	412.1	379.2
85°	718.5	690.3	658.9	628.5	593.8	562.0	523.5	487.9	453.0	415.2	381.2
87.5°	720.6	691.4	660.8	629.7	595.2	561.3	524.7	488.4	453.6	416.8	380.9
90°	720.6	690.5	661.3	628.8	594.8	560.0	526.0	488.8	454.0	418.4	380.5
92.5°	720.6	691.4	660.8	629.7	595.2	561.3	524.7	488.4	453.6	416.8	380.9
95°	718.5	690.3	658.9	628.5	593.8	562.0	523.5	487.9	453.0	415.2	381.2
97.5°	715.6	688.1	656.4	625.1	590.0	556.4	519.7	484.0	448.7	412.1	379.2
100°	711.3	683.8	652.9	620.5	585.7	552.2	516.4	480.5	444.9	409.2	375.2
102.5°	705.7	678.3	648.3	615.0	581.6	548.7	512.3	476.3	441.3	405.7	372.4
105°	698.2	670.4	640.6	608.3	575.8	543.1	507.0	471.6	436.9	401.7	369.1
107.5°	689.3	660.9	632.2	600.5	568.3	535.1	500.1	466.1	431.1	396.0	363.8
110°	677.9	650.3	621.9	591.2	559.4	526.1	492.5	459.1	424.3	389.9	358.0



TEST NUMBER: P231996

CATALOG NUMBER: FVS4WM-4-LD4-30-2STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	665.3	638.6	610.4	581.5	548.9	516.7	483.5	449.7	416.1	382.9	350.8
115°	651.7	625.0	596.8	567.3	537.4	505.3	472.9	440.1	407.5	374.9	343.3
117.5°	636.4	610.2	582.0	553.3	524.9	492.1	461.6	430.6	397.8	364.8	334.3
120°	619.9	594.5	567.1	539.6	510.1	478.8	449.3	419.4	386.8	354.3	325.2
122.5°	600.9	576.5	551.5	524.1	494.5	464.9	435.7	405.6	374.5	343.7	315.8
125°	581.2	557.3	531.9	505.4	477.2	449.3	420.9	391.8	362.3	332.6	305.9
127.5°	559.8	536.6	511.7	486.0	459.8	433.0	405.6	378.1	349.7	320.4	294.6
130°	537.1	514.5	490.5	466.0	440.9	415.1	388.5	362.6	335.3	307.7	282.9
132.5°	513.0	491.3	468.7	446.9	421.5	396.1	370.2	345.3	319.1	293.9	270.4
135°	488.0	467.8	446.3	423.9	400.9	375.9	351.4	327.3	302.8	279.7	257.7
137.5°	462.0	442.5	422.3	401.1	378.8	355.3	331.9	309.1	286.5	264.5	243.6
140°	434.8	416.4	396.6	376.2	354.8	333.2	311.5	290.5	269.5	248.5	229.4
142.5°	406.8	388.8	369.7	350.6	332.2	311.2	291.0	270.8	251.1	231.4	214.3
145°	377.5	359.7	342.5	325.0	306.8	288.2	269.2	250.9	232.3	214.8	198.8
147.5°	345.4	329.8	314.5	298.7	282.0	264.3	246.2	229.2	212.9	197.4	182.3
150°	313.0	298.8	284.7	270.5	255.4	239.5	223.2	208.2	193.9	179.7	166.0
152.5°	281.6	268.6	255.8	242.8	229.1	214.8	200.5	186.1	173.6	162.0	151.1
155°	250.3	238.1	226.0	214.0	201.6	189.5	177.0	164.5	154.7	144.6	135.7
157.5°	216.6	206.3	195.8	184.8	175.0	164.9	154.2	144.7	135.1	126.0	118.3
160°	184.5	175.8	166.6	157.8	148.8	139.7	131.7	123.3	114.6	107.7	100.9
162.5°	153.6	145.2	137.2	129.0	121.3	115.0	108.3	101.2	95.2	89.4	83.4
165°	121.0	114.9	109.3	103.0	97.4	91.6	85.7	80.9	76.2	71.2	66.0
167.5°	92.1	87.6	82.9	78.0	73.0	68.8	65.4	61.8	57.9	53.9	51.4
170°	64.6	61.0	57.3	54.6	51.9	49.2	46.3	43.4	40.3	38.7	37.3
172.5°	40.7	39.0	37.1	35.1	33.0	30.9	28.6	27.5	26.7	25.8	24.8
175°	20.7	19.3	17.7	17.2	16.6	16.0	15.4	14.8	14.1	13.4	12.7
177.5°	9.3	9.1	8.9	8.6	8.3	8.0	7.7	7.4	7.0	6.7	6.3
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231996

CATALOG NUMBER: FVS4WM-4-LD4-30-2STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	5.9	5.6	5.2	4.8	4.7	4.7	4.7	4.6	4.6	4.5	4.4
5°	11.9	11.1	10.3	9.5	9.4	9.3	9.2	9.1	8.9	8.8	8.6
7.5°	23.7	22.6	21.4	20.2	19.9	19.6	19.3	18.9	18.4	17.9	17.4
10°	35.8	34.2	32.5	30.8	30.4	29.8	29.3	28.6	27.9	27.2	26.4
12.5°	49.6	47.7	45.7	43.5	42.8	42.1	41.2	40.2	39.2	38.3	37.2
15°	63.5	61.2	58.8	56.2	55.3	54.3	53.1	51.9	50.9	49.7	48.5
17.5°	78.4	75.7	72.8	69.7	68.6	67.4	66.0	64.7	63.4	61.9	60.3
20°	93.8	90.2	86.8	83.1	81.9	80.5	79.1	77.5	75.9	74.2	72.2
22.5°	110.3	104.8	100.8	96.5	95.0	93.4	91.7	90.1	88.3	86.2	83.9
25°	126.9	119.5	114.8	109.9	108.1	106.2	104.4	102.6	100.6	98.1	95.5
27.5°	141.8	133.1	128.0	122.6	120.7	118.5	116.7	114.8	112.5	109.9	107.0
30°	156.3	146.6	141.1	135.3	133.2	130.8	129.0	127.0	124.4	121.6	118.5
32.5°	170.7	160.1	153.6	147.6	145.1	142.5	140.7	138.5	135.7	132.7	129.4
35°	185.1	173.5	166.0	159.8	156.9	154.2	152.3	149.8	146.9	143.5	139.8
37.5°	198.5	186.1	177.5	170.9	167.6	164.7	162.8	160.2	157.4	153.6	149.8
40°	211.7	198.6	188.9	181.9	178.2	175.3	173.1	170.4	167.2	163.4	159.4
42.5°	224.0	210.2	199.6	192.2	188.4	185.3	182.9	180.2	176.8	172.9	168.6
45°	236.8	221.6	210.2	202.5	198.5	195.2	192.5	190.0	186.2	181.8	177.2
47.5°	248.7	232.0	219.7	211.6	207.4	204.2	201.5	199.0	194.8	190.3	185.5
50°	260.3	242.3	229.1	220.7	216.3	213.1	210.4	207.8	203.3	198.6	193.7
52.5°	271.5	252.5	238.3	229.0	224.5	221.3	218.5	215.4	210.9	206.2	201.3
55°	282.3	262.7	247.6	237.3	232.7	229.4	226.4	222.8	218.2	213.4	208.1
57.5°	291.6	271.0	254.7	244.4	239.4	236.0	233.0	229.3	224.7	219.7	214.6
60°	300.5	279.3	261.7	251.5	246.0	242.6	239.6	235.7	230.8	225.6	221.2
62.5°	307.8	285.4	268.3	257.5	252.2	248.5	245.2	241.2	236.4	231.2	226.3
65°	315.0	291.3	274.9	263.4	258.4	254.4	250.7	246.7	241.8	236.4	230.9
67.5°	321.1	296.6	279.1	268.2	262.7	259.1	255.6	251.2	246.1	240.6	235.1
70°	326.9	301.9	283.3	272.9	266.9	263.7	260.5	255.5	250.1	244.5	238.9
72.5°	332.0	306.1	287.4	276.5	270.4	267.2	263.7	259.2	253.6	247.9	242.2
75°	337.0	310.2	291.9	280.0	273.9	270.6	266.8	262.8	256.9	251.2	245.0
77.5°	340.4	313.0	294.2	282.4	276.2	273.0	269.1	264.9	258.8	253.5	247.1
80°	343.5	316.4	296.6	284.8	278.5	275.4	271.4	266.8	260.5	255.6	248.8
82.5°	346.8	318.3	298.2	286.4	279.7	276.5	272.6	267.9	261.9	256.5	250.1
85°	348.8	320.3	299.8	287.9	280.8	277.6	273.7	268.9	263.4	257.2	251.5
87.5°	348.8	320.7	300.2	287.9	281.2	278.0	274.1	269.3	263.4	257.5	251.5
90°	348.8	321.1	300.6	287.9	281.6	278.4	274.5	269.7	263.4	257.9	251.5
92.5°	348.8	320.7	300.2	287.9	281.2	278.0	274.1	269.3	263.4	257.5	251.5
95°	348.8	320.3	299.8	287.9	280.8	277.6	273.7	268.9	263.4	257.2	251.5
97.5°	346.8	318.3	298.2	286.4	279.7	276.5	272.6	267.9	261.9	256.5	250.1
100°	343.5	316.4	296.6	284.8	278.5	275.4	271.4	266.8	260.5	255.6	248.8
102.5°	340.4	313.0	294.2	282.4	276.2	273.0	269.1	264.9	258.8	253.5	247.1
105°	337.0	310.2	291.9	280.0	273.9	270.6	266.8	262.8	256.9	251.2	245.0
107.5°	332.0	306.1	287.4	276.5	270.4	267.2	263.7	259.2	253.6	247.9	242.2
110°	326.9	301.9	283.3	272.9	266.9	263.7	260.5	255.5	250.1	244.5	238.9



TEST NUMBER: P231996

CATALOG NUMBER: FVS4WM-4-LD4-30-2STD-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°	321.1	296.6	279.1	268.2	262.7	259.1	255.6	251.2	246.1	240.6	235.1
115°	315.0	291.3	274.9	263.4	258.4	254.4	250.7	246.7	241.8	236.4	230.9
117.5°	307.8	285.4	268.3	257.5	252.2	248.5	245.2	241.2	236.4	231.2	226.3
120°	300.5	279.3	261.7	251.5	246.0	242.6	239.6	235.7	230.8	225.6	221.2
122.5°	291.6	271.0	254.7	244.4	239.4	236.0	233.0	229.3	224.7	219.7	214.6
125°	282.3	262.7	247.6	237.3	232.7	229.4	226.4	222.8	218.2	213.4	208.1
127.5°	271.5	252.5	238.3	229.0	224.5	221.3	218.5	215.4	210.9	206.2	201.3
130°	260.3	242.3	229.1	220.7	216.3	213.1	210.4	207.8	203.3	198.6	193.7
132.5°	248.7	232.0	219.7	211.6	207.4	204.2	201.5	199.0	194.8	190.3	185.5
135°	236.8	221.6	210.2	202.5	198.5	195.2	192.5	190.0	186.2	181.8	177.2
137.5°	224.0	210.2	199.6	192.2	188.4	185.3	182.9	180.2	176.8	172.9	168.6
140°	211.7	198.6	188.9	181.9	178.2	175.3	173.1	170.4	167.2	163.4	159.4
142.5°	198.5	186.1	177.5	170.9	167.6	164.7	162.8	160.2	157.4	153.6	149.8
145°	185.1	173.5	166.0	159.8	156.9	154.2	152.3	149.8	146.9	143.5	139.8
147.5°	170.7	160.1	153.6	147.6	145.1	142.5	140.7	138.5	135.7	132.7	129.4
150°	156.3	146.6	141.1	135.3	133.2	130.8	129.0	127.0	124.4	121.6	118.5
152.5°	141.8	133.1	128.0	122.6	120.7	118.5	116.7	114.8	112.5	109.9	107.0
155°	126.9	119.5	114.8	109.9	108.1	106.2	104.4	102.6	100.6	98.1	95.5
157.5°	110.3	104.8	100.8	96.5	95.0	93.4	91.7	90.1	88.3	86.2	83.9
160°	93.8	90.2	86.8	83.1	81.9	80.5	79.1	77.5	75.9	74.2	72.2
162.5°	78.4	75.7	72.8	69.7	68.6	67.4	66.0	64.7	63.4	61.9	60.3
165°	63.5	61.2	58.8	56.2	55.3	54.3	53.1	51.9	50.9	49.7	48.5
167.5°	49.6	47.7	45.7	43.5	42.8	42.1	41.2	40.2	39.2	38.3	37.2
170°	35.8	34.2	32.5	30.8	30.4	29.8	29.3	28.6	27.9	27.2	26.4
172.5°	23.7	22.6	21.4	20.1	19.9	19.6	19.3	18.9	18.4	17.9	17.4
175°	11.9	11.1	10.3	9.5	9.4	9.3	9.2	9.1	8.9	8.8	8.6
177.5°	5.9	5.6	5.2	4.7	4.7	4.7	4.7	4.6	4.6	4.5	4.4
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: P231996

CATALOG NUMBER: FVS4WM-4-LD4-30-2STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	4.3	4.2	4.2	4.1	3.9	3.8	3.7	3.6	3.4	3.3	3.2
5°	8.4	8.2	8.0	7.8	7.5	7.3	7.0	6.8	6.5	6.2	5.9
7.5°	16.8	16.2	15.6	14.9	14.1	13.4	12.6	11.7	10.9	10.0	9.0
10°	25.6	24.8	23.9	22.9	21.9	20.9	19.8	18.6	17.4	16.2	15.0
12.5°	36.0	34.8	33.4	31.9	30.3	28.7	26.9	25.2	23.8	22.4	20.9
15°	47.2	45.4	43.7	41.8	39.9	38.0	36.1	34.1	32.0	29.9	27.5
17.5°	58.4	56.3	54.1	52.0	49.7	47.4	45.2	42.6	40.0	37.3	34.5
20°	70.0	67.7	65.3	62.9	60.2	57.3	54.2	51.0	47.8	44.5	41.6
22.5°	81.5	79.0	76.3	73.4	70.2	66.7	63.3	59.9	56.5	52.9	49.1
25°	92.7	89.8	86.7	83.5	80.0	76.4	72.6	68.8	64.9	60.9	56.7
27.5°	103.9	100.6	97.4	94.0	90.2	86.2	81.9	77.5	73.1	68.6	63.9
30°	115.1	111.5	107.7	103.8	99.7	95.3	90.6	85.7	81.0	76.0	70.8
32.5°	125.8	121.8	117.6	113.2	108.7	103.8	98.9	94.1	88.9	83.3	77.6
35°	135.8	131.7	127.2	122.5	117.6	112.6	107.8	102.4	96.4	90.4	84.6
37.5°	145.7	141.4	136.9	131.7	126.4	121.3	115.9	109.8	103.6	97.3	91.1
40°	155.1	150.4	145.4	140.2	135.0	129.6	123.2	116.8	110.4	104.0	97.6
42.5°	164.1	159.2	154.0	148.5	143.0	136.8	130.3	123.9	117.2	110.7	103.6
45°	172.3	167.3	162.0	156.3	150.4	144.1	137.4	130.6	123.8	116.7	109.4
47.5°	180.6	175.4	169.8	163.7	157.1	150.5	143.8	136.9	130.0	122.6	114.4
50°	188.6	182.9	177.0	170.6	163.6	157.0	150.0	142.7	135.3	127.5	119.1
52.5°	196.0	190.3	184.3	177.2	170.0	163.0	155.7	148.2	140.6	132.4	124.1
55°	202.5	196.7	190.5	183.1	176.0	168.9	161.4	153.3	145.3	137.1	128.6
57.5°	208.9	203.0	196.5	189.0	181.5	173.9	166.2	158.1	150.0	141.6	132.5
60°	214.8	208.5	201.5	194.1	186.5	178.8	171.0	162.4	153.8	145.2	136.3
62.5°	220.1	213.6	206.5	199.0	191.0	183.1	175.0	166.2	157.5	148.7	139.3
65°	224.8	217.8	210.6	203.1	195.1	187.2	178.8	169.9	161.0	151.7	141.7
67.5°	228.9	221.8	214.5	207.1	198.9	190.7	181.8	172.9	163.9	154.0	143.7
70°	232.5	225.3	218.0	210.3	201.9	193.7	184.7	175.7	166.6	156.0	145.9
72.5°	235.6	228.3	221.1	213.3	204.9	196.4	187.3	177.7	168.1	157.7	148.0
75°	238.2	230.6	223.2	215.1	206.8	198.4	189.2	179.4	169.5	159.6	149.9
77.5°	240.1	232.4	225.1	216.8	208.6	200.2	190.9	180.8	170.8	160.6	150.2
80°	241.7	233.8	226.6	218.1	209.6	200.9	191.6	181.5	171.5	161.0	150.5
82.5°	242.8	234.9	227.4	218.9	210.4	201.6	192.3	182.0	171.9	161.6	151.2
85°	243.7	235.8	228.0	219.3	211.2	201.9	193.0	182.2	172.4	162.2	151.4
87.5°	244.0	235.8	228.2	219.2	211.6	202.2	193.1	182.4	172.6	162.4	151.3
90°	244.4	235.7	228.6	219.1	212.0	202.5	193.0	182.7	172.4	162.2	151.1
92.5°	244.0	235.8	228.2	219.2	211.6	202.2	193.1	182.4	172.6	162.4	151.3
95°	243.7	235.8	228.0	219.3	211.2	201.9	193.0	182.2	172.4	162.2	151.4
97.5°	242.8	234.9	227.4	218.9	210.4	201.6	192.3	182.0	171.9	161.6	151.2
100°	241.7	233.8	226.6	218.1	209.6	200.9	191.6	181.5	171.5	161.0	150.5
102.5°	240.1	232.4	225.1	216.8	208.6	200.2	190.9	180.8	170.8	160.6	150.2
105°	238.2	230.6	223.2	215.1	206.8	198.4	189.2	179.4	169.5	159.6	149.9
107.5°	235.6	228.3	221.1	213.3	204.9	196.4	187.3	177.7	168.1	157.7	148.0
110°	232.5	225.3	218.0	210.3	201.9	193.7	184.7	175.7	166.6	156.0	145.9



TEST NUMBER: P231996

CATALOG NUMBER: FVS4WM-4-LD4-30-2STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	228.9	221.8	214.5	207.1	198.9	190.7	181.8	172.9	163.9	154.0	143.7
115°	224.8	217.8	210.6	203.1	195.1	187.2	178.8	169.9	161.0	151.7	141.7
117.5°	220.1	213.6	206.5	199.0	191.0	183.1	175.0	166.2	157.5	148.7	139.3
120°	214.8	208.5	201.5	194.1	186.5	178.8	171.0	162.4	153.8	145.2	136.3
122.5°	208.9	203.0	196.5	189.0	181.5	173.9	166.2	158.1	150.0	141.6	132.5
125°	202.5	196.7	190.5	183.1	176.0	168.9	161.4	153.3	145.3	137.1	128.6
127.5°	196.0	190.3	184.3	177.2	170.0	163.0	155.7	148.2	140.6	132.4	124.1
130°	188.6	182.9	177.0	170.6	163.6	157.0	150.0	142.7	135.3	127.5	119.1
132.5°	180.6	175.4	169.8	163.7	157.1	150.5	143.8	136.9	130.0	122.6	114.4
135°	172.3	167.3	162.0	156.3	150.4	144.1	137.4	130.6	123.8	116.7	109.4
137.5°	164.1	159.2	154.0	148.5	143.0	136.8	130.3	123.9	117.2	110.7	103.6
140°	155.1	150.4	145.4	140.2	135.0	129.6	123.2	116.8	110.4	104.0	97.6
142.5°	145.7	141.4	136.9	131.7	126.4	121.3	115.9	109.8	103.6	97.3	91.1
145°	135.8	131.7	127.2	122.5	117.6	112.6	107.8	102.4	96.4	90.4	84.6
147.5°	125.8	121.8	117.6	113.2	108.7	103.8	98.9	94.1	88.9	83.3	77.6
150°	115.1	111.5	107.7	103.8	99.7	95.3	90.6	85.7	81.0	76.0	70.8
152.5°	103.9	100.6	97.4	94.0	90.2	86.2	81.9	77.5	73.1	68.6	63.9
155°	92.7	89.8	86.7	83.5	80.0	76.4	72.6	68.8	64.9	60.9	56.7
157.5°	81.5	79.0	76.3	73.4	70.2	66.7	63.3	59.9	56.5	52.9	49.1
160°	70.0	67.7	65.3	62.9	60.2	57.3	54.2	51.0	47.8	44.5	41.6
162.5°	58.4	56.3	54.1	52.0	49.7	47.4	45.2	42.6	40.0	37.3	34.5
165°	47.2	45.4	43.7	41.8	39.9	38.0	36.1	34.1	32.0	29.9	27.5
167.5°	36.0	34.8	33.4	31.9	30.3	28.7	26.9	25.2	23.8	22.4	20.9
170°	25.6	24.8	23.9	22.9	21.9	20.9	19.8	18.6	17.4	16.2	15.0
172.5°	16.8	16.2	15.6	14.9	14.1	13.4	12.6	11.7	10.9	10.0	9.0
175°	8.4	8.2	8.0	7.8	7.5	7.3	7.0	6.8	6.5	6.2	5.9
177.5°	4.3	4.2	4.2	4.1	3.9	3.8	3.7	3.6	3.4	3.3	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: P231996

CATALOG NUMBER: FVS4WM-4-LD4-30-2STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	3.0	2.9	2.7	2.5	2.4	2.2	2.0	1.9	1.7	1.5	1.3
5°	5.6	5.3	5.0	4.7	4.4	4.1	3.7	3.4	3.1	2.7	2.4
7.5°	7.7	7.4	7.0	6.5	6.1	5.6	5.1	4.7	4.2	3.7	3.3
10°	13.7	12.4	11.1	9.7	8.3	6.7	6.2	5.6	5.1	4.5	3.9
12.5°	19.4	17.8	16.1	14.4	12.6	10.8	9.0	7.1	5.6	5.0	4.3
15°	25.0	22.8	20.7	18.7	16.6	14.5	12.5	10.4	8.3	6.3	5.1
17.5°	31.7	28.9	26.0	23.0	20.3	18.1	15.8	13.5	11.1	8.7	6.3
20°	38.5	35.3	31.9	28.6	25.3	22.0	19.0	16.3	13.6	10.8	8.1
22.5°	45.2	41.2	37.5	33.9	30.2	26.4	22.5	18.6	15.6	12.6	9.7
25°	52.3	47.9	43.6	39.2	34.9	30.6	26.3	21.9	17.7	14.4	11.3
27.5°	59.0	54.2	49.3	44.4	39.5	34.6	30.0	25.5	21.0	16.1	12.8
30°	65.5	60.1	55.0	49.8	44.4	38.8	33.3	28.4	23.6	18.7	14.0
32.5°	72.1	66.6	61.0	54.8	49.1	43.2	37.3	31.3	26.4	21.1	15.8
35°	78.8	72.6	66.3	60.0	53.7	47.4	41.2	35.1	29.0	23.3	17.7
37.5°	84.8	78.2	71.4	64.8	58.1	51.4	44.7	38.2	31.7	25.3	19.3
40°	90.8	83.7	76.6	69.5	62.4	55.3	48.1	40.9	33.8	26.7	20.2
42.5°	96.3	89.0	81.6	74.1	66.6	58.8	51.0	43.2	35.6	28.5	21.7
45°	101.7	93.9	86.3	78.4	70.2	61.9	53.7	45.5	37.4	29.7	22.5
47.5°	106.5	98.6	90.5	82.0	73.5	64.9	56.0	47.2	38.9	30.9	23.5
50°	111.4	103.1	94.4	85.4	76.4	66.9	57.4	48.8	40.5	32.1	24.5
52.5°	115.9	107.6	98.2	88.6	78.9	68.8	59.1	50.1	41.2	33.0	25.2
55°	119.9	110.7	101.4	91.1	80.8	70.6	60.8	51.5	42.4	34.0	26.0
57.5°	123.3	113.8	103.9	93.5	83.0	72.3	62.2	52.4	43.2	34.5	26.2
60°	126.9	116.9	106.7	96.1	84.7	73.8	63.4	53.6	44.1	35.4	26.8
62.5°	129.7	119.8	109.5	98.2	86.5	75.0	64.4	54.3	44.4	35.4	27.2
65°	132.4	122.5	111.9	100.5	87.9	76.0	65.1	54.9	45.0	35.5	26.9
67.5°	134.2	124.5	114.2	102.6	89.8	77.2	65.8	55.3	45.1	35.8	27.1
70°	135.9	126.0	116.0	104.6	91.4	78.6	66.2	55.2	44.8	35.6	26.7
72.5°	138.0	127.8	117.1	105.8	93.2	80.0	67.1	55.5	44.5	34.9	26.0
75°	138.9	128.6	117.5	106.8	95.0	81.5	68.0	55.8	44.9	34.5	25.6
77.5°	139.6	128.8	118.1	107.6	96.1	83.2	69.5	56.4	44.8	34.1	24.6
80°	140.1	129.2	118.2	107.5	96.1	84.4	71.6	57.7	44.8	33.3	23.7
82.5°	140.2	129.1	117.7	107.1	95.6	84.0	72.2	59.5	45.7	32.9	22.3
85°	140.3	129.2	117.7	106.7	94.4	83.2	71.4	59.7	47.4	34.3	21.7
87.5°	140.5	129.2	118.2	106.5	93.7	82.7	70.8	58.9	47.3	35.5	23.5
90°	140.8	128.9	117.9	106.8	93.3	83.1	70.4	58.5	47.5	34.8	23.7
92.5°	140.5	129.2	118.2	106.5	93.7	82.7	70.8	58.9	47.3	35.5	23.5
95°	140.3	129.2	117.7	106.7	94.4	83.2	71.4	59.7	47.4	34.3	21.7
97.5°	140.2	129.1	117.7	107.1	95.6	84.0	72.2	59.5	45.7	32.9	22.3
100°	140.1	129.2	118.2	107.5	96.1	84.4	71.6	57.7	44.8	33.3	23.7
102.5°	139.6	128.8	118.1	107.6	96.1	83.2	69.5	56.4	44.8	34.1	24.6
105°	138.9	128.6	117.5	106.8	95.0	81.5	68.0	55.8	44.9	34.5	25.6
107.5°	138.0	127.8	117.1	105.8	93.2	80.0	67.1	55.5	44.5	34.9	26.0
110°	135.9	126.0	116.0	104.6	91.4	78.6	66.2	55.2	44.8	35.6	26.7



TEST NUMBER: P231996

CATALOG NUMBER: FVS4WM-4-LD4-30-2STD-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°	134.2	124.5	114.2	102.6	89.8	77.2	65.8	55.3	45.1	35.8	27.1
115°	132.4	122.5	111.9	100.5	87.9	76.0	65.1	54.9	45.0	35.5	26.9
117.5°	129.7	119.8	109.5	98.2	86.5	75.0	64.4	54.3	44.4	35.4	27.2
120°	126.9	116.9	106.7	96.1	84.7	73.8	63.4	53.6	44.1	35.4	26.8
122.5°	123.3	113.8	103.9	93.5	83.0	72.3	62.2	52.4	43.2	34.5	26.2
125°	119.9	110.7	101.4	91.1	80.8	70.6	60.8	51.5	42.4	34.0	26.0
127.5°	115.9	107.6	98.2	88.6	78.9	68.8	59.1	50.1	41.2	33.0	25.2
130°	111.4	103.1	94.4	85.4	76.4	66.9	57.4	48.8	40.5	32.1	24.5
132.5°	106.5	98.6	90.5	82.0	73.5	64.9	56.0	47.2	38.9	30.9	23.5
135°	101.7	93.9	86.3	78.4	70.2	61.9	53.7	45.5	37.4	29.7	22.5
137.5°	96.3	89.0	81.6	74.1	66.6	58.8	51.0	43.2	35.6	28.5	21.7
140°	90.8	83.7	76.6	69.5	62.4	55.3	48.1	40.9	33.8	26.7	20.2
142.5°	84.8	78.2	71.4	64.8	58.1	51.4	44.7	38.2	31.7	25.3	19.3
145°	78.8	72.6	66.3	60.0	53.7	47.4	41.2	35.1	29.0	23.3	17.7
147.5°	72.1	66.6	61.0	54.8	49.1	43.2	37.3	31.3	26.4	21.1	15.8
150°	65.5	60.1	55.0	49.8	44.4	38.8	33.3	28.4	23.6	18.7	14.0
152.5°	59.0	54.2	49.3	44.4	39.5	34.6	30.0	25.5	21.0	16.1	12.8
155°	52.3	47.9	43.6	39.2	34.9	30.6	26.3	21.9	17.7	14.4	11.3
157.5°	45.2	41.2	37.5	33.9	30.2	26.4	22.5	18.6	15.6	12.6	9.7
160°	38.5	35.3	31.9	28.6	25.3	22.0	19.0	16.3	13.6	10.8	8.1
162.5°	31.7	28.9	26.0	23.0	20.3	18.1	15.8	13.5	11.1	8.7	6.3
165°	25.0	22.8	20.7	18.7	16.6	14.5	12.5	10.4	8.3	6.3	5.1
167.5°	19.4	17.8	16.1	14.4	12.6	10.8	9.0	7.1	5.6	5.0	4.3
170°	13.7	12.4	11.1	9.7	8.3	6.7	6.2	5.6	5.1	4.5	3.9
172.5°	7.7	7.4	7.0	6.5	6.1	5.6	5.1	4.7	4.2	3.7	3.3
175°	5.6	5.3	5.0	4.7	4.4	4.1	3.7	3.4	3.1	2.7	2.4
177.5°	3.0	2.9	2.7	2.5	2.4	2.2	2.0	1.9	1.7	1.5	1.3
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231996

CATALOG NUMBER: FVS4WM-4-LD4-30-2STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	1.1	0.9	0.8	0.6	0.4	0.2	0.0	0.2	0.4	0.6	0.8
5°	2.1	1.7	1.4	1.0	0.7	0.3	0.0	0.3	0.7	1.0	1.4
7.5°	2.8	2.3	1.9	1.4	0.9	0.5	0.0	0.5	0.9	1.4	1.9
10°	3.3	2.8	2.2	1.7	1.1	0.6	0.0	0.6	1.1	1.7	2.2
12.5°	3.7	3.1	2.5	1.8	1.2	0.6	0.0	0.6	1.2	1.8	2.5
15°	4.4	3.7	2.9	2.2	1.5	0.7	0.0	0.7	1.5	2.2	2.9
17.5°	4.6	3.8	3.0	2.2	1.5	0.7	0.0	0.7	1.5	2.2	3.0
20°	5.4	3.7	3.0	2.2	1.5	0.7	0.0	0.7	1.5	2.2	3.0
22.5°	6.7	3.7	2.7	2.0	1.3	0.7	0.0	0.7	1.3	2.0	2.7
25°	8.0	4.8	2.3	1.7	1.1	0.6	0.0	0.6	1.1	1.7	2.3
27.5°	9.3	5.7	2.2	1.3	0.9	0.4	0.0	0.4	0.9	1.3	2.2
30°	10.4	6.8	3.4	1.4	0.9	0.5	0.0	0.5	0.9	1.4	3.4
32.5°	11.2	7.5	3.9	0.9	0.5	0.3	0.0	0.3	0.5	0.9	3.9
35°	12.1	8.1	4.6	1.2	0.6	0.3	0.0	0.3	0.6	1.2	4.6
37.5°	13.4	8.4	5.1	2.0	0.6	0.3	0.0	0.3	0.6	2.0	5.1
40°	14.4	8.6	5.3	2.4	0.7	0.3	0.0	0.3	0.7	2.4	5.3
42.5°	15.3	9.4	5.0	2.6	0.7	0.4	0.0	0.4	0.7	2.6	5.0
45°	15.7	9.9	4.4	2.2	0.1	0.0	0.0	0.0	0.1	2.2	4.4
47.5°	16.6	10.5	5.0	2.3	0.9	0.8	0.8	0.8	0.9	2.3	5.0
50°	17.5	10.9	5.6	2.2	1.1	0.8	0.8	0.8	1.1	2.2	5.6
52.5°	17.8	11.1	5.8	1.7	1.1	0.8	0.8	0.8	1.1	1.7	5.8
55°	18.2	11.4	5.6	2.1	1.1	0.8	0.8	0.8	1.1	2.1	5.6
57.5°	18.6	11.6	5.2	2.1	0.9	0.8	0.8	0.8	0.9	2.1	5.2
60°	18.7	11.7	5.9	2.3	0.8	0.8	0.8	0.8	0.8	2.3	5.9
62.5°	19.4	12.4	6.3	2.3	0.8	0.8	0.8	0.8	0.8	2.3	6.3
65°	19.6	12.9	6.2	2.3	0.9	0.8	0.8	0.8	0.9	2.3	6.2
67.5°	19.5	12.5	6.1	2.2	0.9	0.8	0.8	0.8	0.9	2.2	6.1
70°	19.0	12.4	5.8	2.0	0.8	0.8	0.8	0.8	0.8	2.0	5.8
72.5°	18.6	11.7	5.7	1.9	0.3	0.8	0.8	0.8	0.3	1.9	5.7
75°	17.6	11.0	5.2	1.4	0.2	0.8	0.8	0.8	0.2	1.4	5.2
77.5°	16.5	10.2	4.3	0.7	0.0	0.1	0.0	0.1	0.0	0.7	4.3
80°	15.0	8.2	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9
82.5°	13.4	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	11.7	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	11.5	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	13.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	11.5	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	11.7	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	13.4	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	15.0	8.2	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9
102.5°	16.5	10.2	4.3	0.7	0.0	0.1	0.0	0.1	0.0	0.7	4.3
105°	17.6	11.0	5.2	1.4	0.2	0.8	0.8	0.8	0.2	1.4	5.2
107.5°	18.6	11.7	5.7	1.9	0.3	0.8	0.8	0.8	0.3	1.9	5.7
110°	19.0	12.4	5.8	2.0	0.8	0.8	0.8	0.8	0.8	2.0	5.8



TEST NUMBER: P231996

CATALOG NUMBER: FVS4WM-4-LD4-30-2STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	19.5	12.5	6.1	2.2	0.9	0.8	0.8	0.8	0.9	2.2	6.1
115°	19.6	12.9	6.2	2.3	0.9	0.8	0.8	0.8	0.9	2.3	6.2
117.5°	19.4	12.4	6.3	2.3	0.8	0.8	0.8	0.8	0.8	2.3	6.3
120°	18.7	11.7	5.9	2.3	0.8	0.8	0.8	0.8	0.8	2.3	5.9
122.5°	18.6	11.6	5.2	2.1	0.9	0.8	0.8	0.8	0.9	2.1	5.2
125°	18.2	11.4	5.6	2.1	1.1	0.8	0.8	0.8	1.1	2.1	5.6
127.5°	17.8	11.1	5.8	1.7	1.1	0.8	0.8	0.8	1.1	1.7	5.8
130°	17.5	10.9	5.6	2.2	1.1	0.8	0.8	0.8	1.1	2.2	5.6
132.5°	16.6	10.5	5.0	2.3	0.9	0.8	0.8	0.8	0.9	2.3	5.0
135°	15.7	9.9	4.4	2.2	0.1	0.0	0.0	0.0	0.1	2.2	4.4
137.5°	15.3	9.4	5.0	2.6	0.7	0.4	0.0	0.4	0.7	2.6	5.0
140°	14.4	8.6	5.3	2.4	0.7	0.3	0.0	0.3	0.7	2.4	5.3
142.5°	13.4	8.4	5.1	2.0	0.6	0.3	0.0	0.3	0.6	2.0	5.1
145°	12.1	8.1	4.6	1.2	0.6	0.3	0.0	0.3	0.6	1.2	4.6
147.5°	11.2	7.5	3.9	0.9	0.5	0.3	0.0	0.3	0.5	0.9	3.9
150°	10.4	6.8	3.4	1.4	0.9	0.5	0.0	0.5	0.9	1.4	3.4
152.5°	9.3	5.7	2.2	1.3	0.9	0.4	0.0	0.4	0.9	1.3	2.2
155°	8.0	4.8	2.3	1.7	1.1	0.6	0.0	0.6	1.1	1.7	2.3
157.5°	6.7	3.7	2.7	2.0	1.3	0.7	0.0	0.7	1.3	2.0	2.7
160°	5.4	3.7	3.0	2.2	1.5	0.7	0.0	0.7	1.5	2.2	3.0
162.5°	4.6	3.8	3.0	2.2	1.5	0.7	0.0	0.7	1.5	2.2	3.0
165°	4.4	3.7	2.9	2.2	1.5	0.7	0.0	0.7	1.5	2.2	2.9
167.5°	3.7	3.1	2.5	1.8	1.2	0.6	0.0	0.6	1.2	1.8	2.5
170°	3.3	2.8	2.2	1.7	1.1	0.6	0.0	0.6	1.1	1.7	2.2
172.5°	2.8	2.3	1.9	1.4	0.9	0.5	0.0	0.5	0.9	1.4	1.9
175°	2.1	1.7	1.4	1.0	0.7	0.3	0.0	0.3	0.7	1.0	1.4
177.5°	1.1	0.9	0.8	0.6	0.4	0.2	0.0	0.2	0.4	0.6	0.8
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231996

CATALOG NUMBER: FVS4WM-4-LD4-30-2STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	0.9	1.1	1.3	1.5	1.7	1.9	2.0	2.2	2.4	2.5	2.7
5°	1.7	2.1	2.4	2.7	3.1	3.4	3.7	4.1	4.4	4.7	5.0
7.5°	2.3	2.8	3.3	3.7	4.2	4.7	5.1	5.6	6.1	6.5	7.0
10°	2.8	3.3	3.9	4.5	5.1	5.6	6.2	6.7	8.3	9.7	11.1
12.5°	3.1	3.7	4.3	5.0	5.6	7.1	9.0	10.8	12.6	14.4	16.1
15°	3.7	4.4	5.1	6.3	8.3	10.4	12.5	14.5	16.6	18.7	20.7
17.5°	3.8	4.6	6.3	8.7	11.1	13.5	15.8	18.1	20.3	23.0	26.0
20°	3.7	5.4	8.1	10.8	13.6	16.3	19.0	22.0	25.3	28.6	31.9
22.5°	3.7	6.7	9.7	12.6	15.6	18.6	22.5	26.4	30.2	33.9	37.5
25°	4.8	8.0	11.3	14.4	17.7	21.9	26.3	30.6	34.9	39.2	43.6
27.5°	5.7	9.3	12.8	16.1	21.0	25.5	30.0	34.6	39.5	44.4	49.3
30°	6.8	10.4	14.0	18.7	23.6	28.4	33.3	38.8	44.4	49.8	55.0
32.5°	7.5	11.2	15.8	21.1	26.4	31.3	37.3	43.2	49.1	54.8	61.0
35°	8.1	12.1	17.7	23.3	29.0	35.1	41.2	47.4	53.7	60.0	66.3
37.5°	8.4	13.4	19.3	25.3	31.7	38.2	44.7	51.4	58.1	64.8	71.4
40°	8.6	14.4	20.2	26.7	33.8	40.9	48.1	55.3	62.4	69.5	76.6
42.5°	9.4	15.3	21.7	28.5	35.6	43.2	51.0	58.8	66.6	74.1	81.6
45°	9.9	15.7	22.5	29.7	37.4	45.5	53.7	61.9	70.2	78.4	86.3
47.5°	10.5	16.6	23.5	30.9	38.9	47.2	56.0	64.9	73.5	82.0	90.5
50°	10.9	17.5	24.5	32.1	40.5	48.8	57.4	66.9	76.4	85.4	94.4
52.5°	11.1	17.8	25.2	33.0	41.2	50.1	59.1	68.8	78.9	88.6	98.2
55°	11.4	18.2	26.0	34.0	42.4	51.5	60.8	70.6	80.8	91.1	101.4
57.5°	11.6	18.6	26.2	34.5	43.2	52.4	62.2	72.3	83.0	93.5	103.9
60°	11.7	18.7	26.8	35.4	44.1	53.6	63.4	73.8	84.7	96.1	106.7
62.5°	12.4	19.4	27.2	35.4	44.4	54.3	64.4	75.0	86.5	98.2	109.5
65°	12.9	19.6	26.9	35.5	45.0	54.9	65.1	76.0	87.9	100.5	111.9
67.5°	12.5	19.5	27.1	35.8	45.1	55.3	65.8	77.2	89.8	102.6	114.2
70°	12.4	19.0	26.7	35.6	44.8	55.2	66.2	78.6	91.4	104.6	116.0
72.5°	11.7	18.6	26.0	34.9	44.5	55.5	67.1	80.0	93.2	105.8	117.1
75°	11.0	17.6	25.6	34.5	44.9	55.8	68.0	81.5	95.0	106.8	117.5
77.5°	10.2	16.5	24.6	34.1	44.8	56.4	69.5	83.2	96.1	107.6	118.1
80°	8.2	15.0	23.7	33.3	44.8	57.7	71.6	84.4	96.1	107.5	118.2
82.5°	5.8	13.4	22.3	32.9	45.7	59.5	72.2	84.0	95.6	107.1	117.7
85°	3.2	11.7	21.7	34.3	47.4	59.7	71.4	83.2	94.4	106.7	117.7
87.5°	1.0	11.5	23.5	35.5	47.3	58.9	70.8	82.7	93.7	106.5	118.2
90°	0.0	13.4	23.7	34.8	47.5	58.5	70.4	83.1	93.3	106.8	117.9
92.5°	1.0	11.5	23.5	35.5	47.3	58.9	70.8	82.7	93.7	106.5	118.2
95°	3.2	11.7	21.7	34.3	47.4	59.7	71.4	83.2	94.4	106.7	117.7
97.5°	5.8	13.4	22.3	32.9	45.7	59.5	72.2	84.0	95.6	107.1	117.7
100°	8.2	15.0	23.7	33.3	44.8	57.7	71.6	84.4	96.1	107.5	118.2
102.5°	10.2	16.5	24.6	34.1	44.8	56.4	69.5	83.2	96.1	107.6	118.1
105°	11.0	17.6	25.6	34.5	44.9	55.8	68.0	81.5	95.0	106.8	117.5
107.5°	11.7	18.6	26.0	34.9	44.5	55.5	67.1	80.0	93.2	105.8	117.1
110°	12.4	19.0	26.7	35.6	44.8	55.2	66.2	78.6	91.4	104.6	116.0



TEST NUMBER: P231996

CATALOG NUMBER: FVS4WM-4-LD4-30-2STD-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°	12.5	19.5	27.1	35.8	45.1	55.3	65.8	77.2	89.8	102.6	114.2
115°	12.9	19.6	26.9	35.5	45.0	54.9	65.1	76.0	87.9	100.5	111.9
117.5°	12.4	19.4	27.2	35.4	44.4	54.3	64.4	75.0	86.5	98.2	109.5
120°	11.7	18.7	26.8	35.4	44.1	53.6	63.4	73.8	84.7	96.1	106.7
122.5°	11.6	18.6	26.2	34.5	43.2	52.4	62.2	72.3	83.0	93.5	103.9
125°	11.4	18.2	26.0	34.0	42.4	51.5	60.8	70.6	80.8	91.1	101.4
127.5°	11.1	17.8	25.2	33.0	41.2	50.1	59.1	68.8	78.9	88.6	98.2
130°	10.9	17.5	24.5	32.1	40.5	48.8	57.4	66.9	76.4	85.4	94.4
132.5°	10.5	16.6	23.5	30.9	38.9	47.2	56.0	64.9	73.5	82.0	90.5
135°	9.9	15.7	22.5	29.7	37.4	45.5	53.7	61.9	70.2	78.4	86.3
137.5°	9.4	15.3	21.7	28.5	35.6	43.2	51.0	58.8	66.6	74.1	81.6
140°	8.6	14.4	20.2	26.7	33.8	40.9	48.1	55.3	62.4	69.5	76.6
142.5°	8.4	13.4	19.3	25.3	31.7	38.2	44.7	51.4	58.1	64.8	71.4
145°	8.1	12.1	17.7	23.3	29.0	35.1	41.2	47.4	53.7	60.0	66.3
147.5°	7.5	11.2	15.8	21.1	26.4	31.3	37.3	43.2	49.1	54.8	61.0
150°	6.8	10.4	14.0	18.7	23.6	28.4	33.3	38.8	44.4	49.8	55.0
152.5°	5.7	9.3	12.8	16.1	21.0	25.5	30.0	34.6	39.5	44.4	49.3
155°	4.8	8.0	11.3	14.4	17.7	21.9	26.3	30.6	34.9	39.2	43.6
157.5°	3.7	6.7	9.7	12.6	15.6	18.6	22.5	26.4	30.2	33.9	37.5
160°	3.7	5.4	8.1	10.8	13.6	16.3	19.0	22.0	25.3	28.6	31.9
162.5°	3.8	4.6	6.3	8.7	11.1	13.5	15.8	18.1	20.3	23.0	26.0
165°	3.7	4.4	5.1	6.3	8.3	10.4	12.5	14.5	16.6	18.7	20.7
167.5°	3.1	3.7	4.3	5.0	5.6	7.1	9.0	10.8	12.6	14.4	16.1
170°	2.8	3.3	3.9	4.5	5.1	5.6	6.2	6.7	8.3	9.7	11.1
172.5°	2.3	2.8	3.3	3.7	4.2	4.7	5.1	5.6	6.1	6.5	7.0
175°	1.7	2.1	2.4	2.7	3.1	3.4	3.7	4.1	4.4	4.7	5.0
177.5°	0.9	1.1	1.3	1.5	1.7	1.9	2.0	2.2	2.4	2.5	2.7
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: P231996

CATALOG NUMBER: FVS4WM-4-LD4-30-2STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	2.9	3.0	3.2	3.3	3.4	3.6	3.7	3.8	3.9	4.1	4.2
5°	5.3	5.6	5.9	6.2	6.5	6.8	7.0	7.3	7.5	7.8	8.0
7.5°	7.4	7.7	9.0	10.0	10.9	11.7	12.6	13.4	14.1	14.9	15.6
10°	12.4	13.7	15.0	16.2	17.4	18.6	19.8	20.9	21.9	22.9	23.9
12.5°	17.8	19.4	20.9	22.4	23.8	25.2	26.9	28.7	30.3	31.9	33.4
15°	22.8	25.0	27.5	29.9	32.0	34.1	36.1	38.0	39.9	41.8	43.7
17.5°	28.9	31.7	34.5	37.3	40.0	42.6	45.2	47.4	49.7	52.0	54.1
20°	35.3	38.5	41.6	44.5	47.8	51.0	54.2	57.3	60.2	62.9	65.3
22.5°	41.2	45.2	49.1	52.9	56.5	59.9	63.3	66.7	70.2	73.4	76.3
25°	47.9	52.3	56.7	60.9	64.9	68.8	72.6	76.4	80.0	83.5	86.7
27.5°	54.2	59.0	63.9	68.6	73.1	77.5	81.9	86.2	90.2	94.0	97.4
30°	60.1	65.5	70.8	76.0	81.0	85.7	90.6	95.3	99.7	103.8	107.7
32.5°	66.6	72.1	77.6	83.3	88.9	94.1	98.9	103.8	108.7	113.2	117.6
35°	72.6	78.8	84.6	90.4	96.4	102.4	107.8	112.6	117.6	122.5	127.2
37.5°	78.2	84.8	91.1	97.3	103.6	109.8	115.9	121.3	126.4	131.7	136.9
40°	83.7	90.8	97.6	104.0	110.4	116.8	123.2	129.6	135.0	140.2	145.4
42.5°	89.0	96.3	103.6	110.7	117.2	123.9	130.3	136.8	143.0	148.5	154.0
45°	93.9	101.7	109.4	116.7	123.8	130.6	137.4	144.1	150.4	156.3	162.0
47.5°	98.6	106.5	114.4	122.6	130.0	136.9	143.8	150.5	157.1	163.7	169.8
50°	103.1	111.4	119.1	127.5	135.3	142.7	150.0	157.0	163.6	170.6	177.0
52.5°	107.6	115.9	124.1	132.4	140.6	148.2	155.7	163.0	170.0	177.2	184.3
55°	110.7	119.9	128.6	137.1	145.3	153.3	161.4	168.9	176.0	183.1	190.5
57.5°	113.8	123.3	132.5	141.6	150.0	158.1	166.2	173.9	181.5	189.0	196.5
60°	116.9	126.9	136.3	145.2	153.8	162.4	171.0	178.8	186.5	194.1	201.5
62.5°	119.8	129.7	139.3	148.7	157.5	166.2	175.0	183.1	191.0	199.0	206.5
65°	122.5	132.4	141.7	151.7	161.0	169.9	178.8	187.2	195.1	203.1	210.6
67.5°	124.5	134.2	143.7	154.0	163.9	172.9	181.8	190.7	198.9	207.1	214.5
70°	126.0	135.9	145.9	156.0	166.6	175.7	184.7	193.7	201.9	210.3	218.0
72.5°	127.8	138.0	148.0	157.7	168.1	177.7	187.3	196.4	204.9	213.3	221.1
75°	128.6	138.9	149.9	159.6	169.5	179.4	189.2	198.4	206.8	215.1	223.2
77.5°	128.8	139.6	150.2	160.6	170.8	180.8	190.9	200.2	208.6	216.8	225.1
80°	129.2	140.1	150.5	161.0	171.5	181.5	191.6	200.9	209.6	218.1	226.6
82.5°	129.1	140.2	151.2	161.6	171.9	182.0	192.3	201.6	210.4	218.9	227.4
85°	129.2	140.3	151.4	162.2	172.4	182.2	193.0	201.9	211.2	219.3	228.0
87.5°	129.2	140.5	151.3	162.4	172.6	182.4	193.1	202.2	211.6	219.2	228.2
90°	128.9	140.8	151.1	162.2	172.4	182.7	193.0	202.5	212.0	219.1	228.6
92.5°	129.2	140.5	151.3	162.4	172.6	182.4	193.1	202.2	211.6	219.2	228.2
95°	129.2	140.3	151.4	162.2	172.4	182.2	193.0	201.9	211.2	219.3	228.0
97.5°	129.1	140.2	151.2	161.6	171.9	182.0	192.3	201.6	210.4	218.9	227.4
100°	129.2	140.1	150.5	161.0	171.5	181.5	191.6	200.9	209.6	218.1	226.6
102.5°	128.8	139.6	150.2	160.6	170.8	180.8	190.9	200.2	208.6	216.8	225.1
105°	128.6	138.9	149.9	159.6	169.5	179.4	189.2	198.4	206.8	215.1	223.2
107.5°	127.8	138.0	148.0	157.7	168.1	177.7	187.3	196.4	204.9	213.3	221.1
110°	126.0	135.9	145.9	156.0	166.6	175.7	184.7	193.7	201.9	210.3	218.0



TEST NUMBER: P231996

CATALOG NUMBER: FVS4WM-4-LD4-30-2STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	124.5	134.2	143.7	154.0	163.9	172.9	181.8	190.7	198.9	207.1	214.5
115°	122.5	132.4	141.7	151.7	161.0	169.9	178.8	187.2	195.1	203.1	210.6
117.5°	119.8	129.7	139.3	148.7	157.5	166.2	175.0	183.1	191.0	199.0	206.5
120°	116.9	126.9	136.3	145.2	153.8	162.4	171.0	178.8	186.5	194.1	201.5
122.5°	113.8	123.3	132.5	141.6	150.0	158.1	166.2	173.9	181.5	189.0	196.5
125°	110.7	119.9	128.6	137.1	145.3	153.3	161.4	168.9	176.0	183.1	190.5
127.5°	107.6	115.9	124.1	132.4	140.6	148.2	155.7	163.0	170.0	177.2	184.3
130°	103.1	111.4	119.1	127.5	135.3	142.7	150.0	157.0	163.6	170.6	177.0
132.5°	98.6	106.5	114.4	122.6	130.0	136.9	143.8	150.5	157.1	163.7	169.8
135°	93.9	101.7	109.4	116.7	123.8	130.6	137.4	144.1	150.4	156.3	162.0
137.5°	89.0	96.3	103.6	110.7	117.2	123.9	130.3	136.8	143.0	148.5	154.0
140°	83.7	90.8	97.6	104.0	110.4	116.8	123.2	129.6	135.0	140.2	145.4
142.5°	78.2	84.8	91.1	97.3	103.6	109.8	115.9	121.3	126.4	131.7	136.9
145°	72.6	78.8	84.6	90.4	96.4	102.4	107.8	112.6	117.6	122.5	127.2
147.5°	66.6	72.1	77.6	83.3	88.9	94.1	98.9	103.8	108.7	113.2	117.6
150°	60.1	65.5	70.8	76.0	81.0	85.7	90.6	95.3	99.7	103.8	107.7
152.5°	54.2	59.0	63.9	68.6	73.1	77.5	81.9	86.2	90.2	94.0	97.4
155°	47.9	52.3	56.7	60.9	64.9	68.8	72.6	76.4	80.0	83.5	86.7
157.5°	41.2	45.2	49.1	52.9	56.5	59.9	63.3	66.7	70.2	73.4	76.3
160°	35.3	38.5	41.6	44.5	47.8	51.0	54.2	57.3	60.2	62.9	65.3
162.5°	28.9	31.7	34.5	37.3	40.0	42.6	45.2	47.4	49.7	52.0	54.1
165°	22.8	25.0	27.5	29.9	32.0	34.1	36.1	38.0	39.9	41.8	43.7
167.5°	17.8	19.4	20.9	22.4	23.8	25.2	26.9	28.7	30.3	31.9	33.4
170°	12.4	13.7	15.0	16.2	17.4	18.6	19.8	20.9	21.9	22.9	23.9
172.5°	7.4	7.7	9.0	10.0	10.9	11.7	12.6	13.4	14.1	14.9	15.6
175°	5.3	5.6	5.9	6.2	6.5	6.8	7.0	7.3	7.5	7.8	8.0
177.5°	2.9	3.0	3.2	3.3	3.4	3.6	3.7	3.8	3.9	4.1	4.2
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: P231996

CATALOG NUMBER: FVS4WM-4-LD4-30-2STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	4.2	4.3	4.4	4.5	4.6	4.6	4.7	4.7	4.7	4.8	5.2
5°	8.2	8.4	8.6	8.8	8.9	9.1	9.2	9.3	9.4	9.5	10.3
7.5°	16.2	16.8	17.4	17.9	18.4	18.9	19.3	19.6	19.9	20.2	21.4
10°	24.8	25.6	26.4	27.2	27.9	28.6	29.3	29.8	30.4	30.8	32.5
12.5°	34.8	36.0	37.2	38.3	39.2	40.2	41.2	42.1	42.8	43.5	45.7
15°	45.4	47.2	48.5	49.7	50.9	51.9	53.1	54.3	55.3	56.2	58.8
17.5°	56.3	58.4	60.3	61.9	63.4	64.7	66.0	67.4	68.6	69.7	72.8
20°	67.7	70.0	72.2	74.2	75.9	77.5	79.1	80.5	81.9	83.1	86.8
22.5°	79.0	81.5	83.9	86.2	88.3	90.1	91.7	93.4	95.0	96.5	100.8
25°	89.8	92.7	95.5	98.1	100.6	102.6	104.4	106.2	108.1	109.9	114.8
27.5°	100.6	103.9	107.0	109.9	112.5	114.8	116.7	118.5	120.7	122.6	128.0
30°	111.5	115.1	118.5	121.6	124.4	127.0	129.0	130.8	133.2	135.3	141.1
32.5°	121.8	125.8	129.4	132.7	135.7	138.5	140.7	142.5	145.1	147.6	153.6
35°	131.7	135.8	139.8	143.5	146.9	149.8	152.3	154.2	156.9	159.8	166.0
37.5°	141.4	145.7	149.8	153.6	157.4	160.2	162.8	164.7	167.6	170.9	177.5
40°	150.4	155.1	159.4	163.4	167.2	170.4	173.1	175.3	178.2	181.9	188.9
42.5°	159.2	164.1	168.6	172.9	176.8	180.2	182.9	185.3	188.4	192.2	199.6
45°	167.3	172.3	177.2	181.8	186.2	190.0	192.5	195.2	198.5	202.5	210.2
47.5°	175.4	180.6	185.5	190.3	194.8	199.0	201.5	204.2	207.4	211.6	219.7
50°	182.9	188.6	193.7	198.6	203.3	207.8	210.4	213.1	216.3	220.7	229.1
52.5°	190.3	196.0	201.3	206.2	210.9	215.4	218.5	221.3	224.5	229.0	238.3
55°	196.7	202.5	208.1	213.4	218.2	222.8	226.4	229.4	232.7	237.3	247.6
57.5°	203.0	208.9	214.6	219.7	224.7	229.3	233.0	236.0	239.4	244.4	254.7
60°	208.5	214.8	221.2	225.6	230.8	235.7	239.6	242.6	246.0	251.5	261.7
62.5°	213.6	220.1	226.3	231.2	236.4	241.2	245.2	248.5	252.2	257.5	268.3
65°	217.8	224.8	230.9	236.4	241.8	246.7	250.7	254.4	258.4	263.4	274.9
67.5°	221.8	228.9	235.1	240.6	246.1	251.2	255.6	259.1	262.7	268.2	279.1
70°	225.3	232.5	238.9	244.5	250.1	255.5	260.5	263.7	266.9	272.9	283.3
72.5°	228.3	235.6	242.2	247.9	253.6	259.2	263.7	267.2	270.4	276.5	287.4
75°	230.6	238.2	245.0	251.2	256.9	262.8	266.8	270.6	273.9	280.0	291.9
77.5°	232.4	240.1	247.1	253.5	258.8	264.9	269.1	273.0	276.2	282.4	294.2
80°	233.8	241.7	248.8	255.6	260.5	266.8	271.4	275.4	278.5	284.8	296.6
82.5°	234.9	242.8	250.1	256.5	261.9	267.9	272.6	276.5	279.7	286.4	298.2
85°	235.8	243.7	251.5	257.2	263.4	268.9	273.7	277.6	280.8	287.9	299.8
87.5°	235.8	243.7	251.5	257.2	263.4	268.9	273.7	277.6	280.8	287.9	299.8
90°	235.7	244.4	251.5	257.9	263.4	269.7	274.5	278.4	281.6	287.9	300.6
92.5°	235.8	244.0	251.5	257.5	263.4	269.3	274.1	278.0	281.2	287.9	300.2
95°	235.8	243.7	251.5	257.2	263.4	268.9	273.7	277.6	280.8	287.9	299.8
97.5°	234.9	242.8	250.1	256.5	261.9	267.9	272.6	276.5	279.7	286.4	298.2
100°	233.8	241.7	248.8	255.6	260.5	266.8	271.4	275.4	278.5	284.8	296.6
102.5°	232.4	240.1	247.1	253.5	258.8	264.9	269.1	273.0	276.2	282.4	294.2
105°	230.6	238.2	245.0	251.2	256.9	262.8	266.8	270.6	273.9	280.0	291.9
107.5°	228.3	235.6	242.2	247.9	253.6	259.2	263.7	267.2	270.4	276.5	287.4
110°	225.3	232.5	238.9	244.5	250.1	255.5	260.5	263.7	266.9	272.9	283.3



TEST NUMBER: P231996

CATALOG NUMBER: FVS4WM-4-LD4-30-2STD-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°	221.8	228.9	235.1	240.6	246.1	251.2	255.6	259.1	262.7	268.2	279.1
115°	217.8	224.8	230.9	236.4	241.8	246.7	250.7	254.4	258.4	263.4	274.9
117.5°	213.6	220.1	226.3	231.2	236.3	241.2	245.2	248.5	252.2	257.5	268.3
120°	208.5	214.8	221.2	225.6	230.8	235.7	239.6	242.6	246.0	251.5	261.7
122.5°	203.0	208.9	214.6	219.7	224.7	229.3	233.0	236.0	239.4	244.4	254.7
125°	196.7	202.5	208.1	213.4	218.2	222.8	226.4	229.4	232.7	237.3	247.6
127.5°	190.3	196.0	201.3	206.2	210.9	215.4	218.5	221.3	224.5	229.0	238.3
130°	182.9	188.6	193.7	198.6	203.3	207.8	210.4	213.1	216.3	220.7	229.1
132.5°	175.4	180.6	185.5	190.3	194.8	199.0	201.5	204.2	207.4	211.6	219.7
135°	167.3	172.3	177.2	181.8	186.2	190.0	192.5	195.2	198.5	202.5	210.2
137.5°	159.2	164.1	168.6	172.9	176.8	180.2	182.9	185.3	188.4	192.2	199.6
140°	150.4	155.1	159.4	163.4	167.2	170.4	173.1	175.3	178.2	181.9	188.9
142.5°	141.4	145.7	149.8	153.6	157.4	160.2	162.8	164.7	167.6	170.9	177.5
145°	131.7	135.8	139.8	143.5	146.9	149.8	152.3	154.2	156.9	159.8	166.0
147.5°	121.8	125.8	129.4	132.7	135.7	138.5	140.7	142.5	145.1	147.6	153.6
150°	111.5	115.1	118.5	121.6	124.4	127.0	129.0	130.8	133.2	135.3	141.1
152.5°	100.6	103.9	107.0	109.9	112.5	114.8	116.7	118.5	120.7	122.6	128.0
155°	89.8	92.7	95.5	98.1	100.6	102.6	104.4	106.2	108.1	109.9	114.8
157.5°	79.0	81.5	83.9	86.2	88.3	90.1	91.7	93.4	95.0	96.5	100.8
160°	67.7	70.0	72.2	74.2	75.9	77.5	79.1	80.5	81.9	83.1	86.8
162.5°	56.3	58.4	60.3	61.9	63.4	64.7	66.0	67.4	68.6	69.7	72.8
165°	45.4	47.2	48.5	49.7	50.9	51.9	53.1	54.3	55.3	56.2	58.8
167.5°	34.8	36.0	37.2	38.3	39.2	40.2	41.2	42.1	42.8	43.5	45.7
170°	24.8	25.6	26.4	27.2	27.9	28.6	29.3	29.8	30.4	30.8	32.5
172.5°	16.2	16.8	17.4	17.9	18.4	18.9	19.3	19.6	19.9	20.2	21.4
175°	8.2	8.4	8.6	8.8	8.9	9.1	9.2	9.3	9.4	9.5	10.3
177.5°	4.2	4.3	4.4	4.5	4.6	4.6	4.7	4.7	4.7	4.8	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: P231996

CATALOG NUMBER: FVS4WM-4-LD4-30-2STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	5.6	5.9	6.3	6.7	7.0	7.4	7.7	8.0	8.3	8.6	8.9
5°	11.1	11.9	12.7	13.4	14.1	14.8	15.4	16.0	16.6	17.2	17.7
7.5°	22.6	23.7	24.8	25.8	26.7	27.5	28.6	30.9	33.0	35.1	37.1
10°	34.2	35.8	37.3	38.7	40.3	43.4	46.3	49.2	51.9	54.6	57.3
12.5°	47.7	49.6	51.4	53.9	57.9	61.8	65.4	68.8	73.0	78.0	82.9
15°	61.2	63.5	66.0	71.2	76.2	80.9	85.7	91.6	97.4	103.0	109.3
17.5°	75.7	78.4	83.4	89.4	95.2	101.2	108.3	115.0	121.3	129.0	137.2
20°	90.2	93.8	100.9	107.7	114.6	123.3	131.7	139.7	148.8	157.8	166.6
22.5°	104.8	110.3	118.3	126.0	135.1	144.7	154.2	164.9	175.0	184.8	195.8
25°	119.5	126.9	135.7	144.6	154.7	164.5	177.0	189.5	201.6	214.0	226.0
27.5°	133.1	141.8	151.1	162.0	173.6	186.1	200.5	214.8	229.1	242.8	255.8
30°	146.6	156.3	166.0	179.7	193.9	208.2	223.2	239.5	255.4	270.5	284.7
32.5°	160.1	170.7	182.3	197.4	212.9	229.2	246.2	264.3	282.0	298.7	314.5
35°	173.5	185.1	198.8	214.8	232.3	250.9	269.2	288.2	306.8	325.0	342.5
37.5°	186.1	198.5	214.3	231.4	251.1	270.8	291.0	311.2	332.2	350.6	369.7
40°	198.6	211.7	229.4	248.5	269.5	290.5	311.5	333.2	354.8	376.2	396.6
42.5°	210.2	224.0	243.6	264.5	286.5	309.1	331.9	355.3	378.8	401.1	422.3
45°	221.6	236.8	257.7	279.7	302.8	327.3	351.4	375.9	400.9	423.9	446.3
47.5°	232.0	248.7	270.4	293.9	319.1	345.3	370.2	396.1	421.5	446.9	468.7
50°	242.3	260.3	282.9	307.7	335.3	362.6	388.5	415.1	440.9	466.0	490.5
52.5°	252.5	271.5	294.6	320.4	349.7	378.1	405.6	433.0	459.8	486.0	511.7
55°	262.7	282.3	305.9	332.6	362.3	391.8	420.9	449.3	477.2	505.4	531.9
57.5°	271.0	291.6	315.8	343.7	374.5	405.6	435.7	464.9	494.5	524.1	551.5
60°	279.3	300.5	325.2	354.3	386.8	419.4	449.3	478.8	510.1	539.6	567.1
62.5°	285.4	307.8	334.3	364.8	397.8	430.6	461.6	492.1	524.9	553.3	582.0
65°	291.3	315.0	343.3	374.9	407.5	440.1	472.9	505.3	537.4	567.3	596.8
67.5°	296.6	321.1	350.8	382.9	416.1	449.7	483.5	516.7	548.9	581.5	610.4
70°	301.9	326.9	358.0	389.9	424.3	459.1	492.5	526.1	559.4	591.2	621.9
72.5°	306.1	332.0	363.8	396.0	431.1	466.1	500.1	535.1	568.3	600.5	632.2
75°	310.2	337.0	369.1	401.7	436.9	471.6	507.0	543.1	575.8	608.3	640.6
77.5°	313.0	340.4	372.4	405.7	441.3	476.3	512.3	548.7	581.6	615.0	648.3
80°	316.4	343.5	375.2	409.2	444.9	480.5	516.4	552.2	585.7	620.5	652.9
82.5°	318.3	346.8	379.2	412.1	448.7	484.0	519.7	556.4	590.0	625.1	656.4
85°	320.3	348.8	381.2	415.2	453.0	487.9	523.5	562.0	593.8	628.5	658.8
87.5°	320.7	348.8	380.9	416.8	453.6	488.4	524.7	561.3	595.2	629.7	660.8
90°	321.1	348.8	380.5	418.4	454.0	488.8	526.0	560.0	594.8	628.8	661.3
92.5°	320.7	348.8	380.9	416.8	453.6	488.4	524.7	561.3	595.2	629.7	660.8
95°	320.3	348.8	381.2	415.2	453.0	487.9	523.5	562.0	593.8	628.5	658.8
97.5°	318.3	346.8	379.2	412.1	448.7	484.0	519.7	556.4	590.0	625.1	656.4
100°	316.4	343.5	375.2	409.2	444.9	480.5	516.4	552.2	585.7	620.5	652.9
102.5°	313.0	340.4	372.4	405.7	441.3	476.3	512.3	548.7	581.6	615.0	648.3
105°	310.2	337.0	369.1	401.7	436.9	471.6	507.0	543.1	575.8	608.3	640.6
107.5°	306.1	332.0	363.8	396.0	431.1	466.1	500.1	535.1	568.3	600.5	632.2
110°	301.9	326.9	358.0	389.9	424.3	459.1	492.5	526.1	559.4	591.2	621.9



TEST NUMBER: P231996

CATALOG NUMBER: FVS4WM-4-LD4-30-2STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	296.6	321.1	350.8	382.9	416.1	449.7	483.5	516.7	548.9	581.5	610.4
115°	291.3	315.0	343.3	374.9	407.5	440.1	472.9	505.3	537.4	567.3	596.8
117.5°	285.4	307.8	334.3	364.8	397.8	430.6	461.6	492.1	524.9	553.3	582.0
120°	279.3	300.5	325.2	354.3	386.8	419.4	449.3	478.8	510.1	539.6	567.1
122.5°	271.0	291.6	315.8	343.7	374.5	405.6	435.7	464.9	494.5	524.1	551.5
125°	262.7	282.3	305.9	332.6	362.3	391.8	420.9	449.3	477.2	505.4	531.9
127.5°	252.5	271.5	294.6	320.4	349.7	378.1	405.6	433.0	459.8	486.0	511.7
130°	242.3	260.3	282.9	307.7	335.3	362.6	388.5	415.1	440.9	466.0	490.5
132.5°	232.0	248.7	270.4	293.9	319.1	345.3	370.2	396.1	421.5	446.9	468.7
135°	221.6	236.8	257.7	279.7	302.8	327.3	351.4	375.9	400.9	423.9	446.3
137.5°	210.2	224.0	243.6	264.5	286.5	309.1	331.9	355.3	378.8	401.1	422.3
140°	198.6	211.7	229.4	248.5	269.5	290.5	311.5	333.2	354.8	376.2	396.6
142.5°	186.1	198.5	214.3	231.4	251.1	270.8	291.0	311.2	332.2	350.6	369.7
145°	173.5	185.1	198.8	214.8	232.3	250.9	269.2	288.2	306.8	325.0	342.5
147.5°	160.1	170.7	182.3	197.4	212.9	229.2	246.2	264.3	282.0	298.7	314.5
150°	146.6	156.3	166.0	179.7	193.9	208.2	223.2	239.5	255.4	270.5	284.7
152.5°	133.1	141.8	151.1	162.0	173.6	186.1	200.5	214.8	229.1	242.8	255.8
155°	119.5	126.9	135.7	144.6	154.7	164.5	177.0	189.5	201.6	214.0	226.0
157.5°	104.8	110.3	118.3	126.0	135.1	144.7	154.2	164.9	175.0	184.8	195.8
160°	90.2	93.8	100.9	107.7	114.6	123.3	131.7	139.7	148.8	157.8	166.6
162.5°	75.7	78.4	83.4	89.4	95.2	101.2	108.3	115.0	121.3	129.0	137.2
165°	61.2	63.5	66.0	71.2	76.2	80.9	85.7	91.6	97.4	103.0	109.3
167.5°	47.7	49.6	51.4	53.9	57.9	61.8	65.4	68.8	73.0	78.0	82.9
170°	34.2	35.8	37.3	38.7	40.3	43.4	46.3	49.2	51.9	54.6	57.3
172.5°	22.6	23.7	24.8	25.8	26.7	27.5	28.6	30.9	33.0	35.1	37.1
175°	11.1	11.9	12.7	13.4	14.1	14.8	15.4	16.0	16.6	17.2	17.7
177.5°	5.6	5.9	6.3	6.7	7.0	7.4	7.7	8.0	8.3	8.6	8.9
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231996

CATALOG NUMBER: FVS4WM-4-LD4-30-2STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	9.1	9.3	9.6	9.7	9.9	10.1	10.2	10.3	10.4	10.5	10.6
5°	19.3	20.7	22.1	23.5	24.7	25.9	27.0	28.1	29.0	29.9	30.6
7.5°	39.0	40.7	42.4	44.0	45.6	47.5	49.0	51.3	53.2	55.0	56.7
10°	61.0	64.6	68.1	71.3	74.2	76.8	79.2	81.6	84.0	86.2	88.2
12.5°	87.6	92.1	96.5	100.6	104.4	108.1	111.7	115.0	118.1	121.5	124.7
15°	114.9	121.0	126.4	131.4	135.9	141.0	145.7	150.5	155.2	159.5	163.5
17.5°	145.2	153.6	159.6	166.2	172.5	178.4	184.3	189.9	195.1	199.8	204.4
20°	175.8	184.5	192.8	200.8	208.7	216.3	223.3	229.7	235.3	240.4	245.1
22.5°	206.3	216.6	227.1	237.0	246.4	253.7	260.7	267.1	273.7	280.4	286.1
25°	238.1	250.3	263.9	272.6	281.7	290.2	299.2	307.6	315.3	322.1	328.0
27.5°	268.6	281.6	294.2	305.9	317.8	329.0	340.8	347.7	355.5	362.6	368.8
30°	298.8	313.0	327.2	341.6	355.1	366.1	376.1	385.6	394.3	402.0	409.6
32.5°	329.8	345.4	361.6	376.9	389.2	400.6	411.8	422.3	432.0	440.1	447.3
35°	359.7	377.5	393.7	407.6	421.1	434.5	447.0	458.9	469.5	478.1	485.7
37.5°	388.8	406.8	422.8	438.3	454.0	468.1	481.4	494.4	505.3	515.8	522.5
40°	416.4	434.8	452.3	469.5	485.3	499.4	513.4	527.0	538.9	549.4	558.2
42.5°	442.5	462.0	480.9	499.0	515.9	530.9	545.6	559.7	573.9	582.5	591.8
45°	467.8	488.0	507.9	527.2	544.4	560.2	575.7	590.3	602.6	613.4	622.9
47.5°	491.3	513.0	534.1	553.7	571.4	588.7	604.6	618.5	631.8	643.3	653.3
50°	514.5	537.1	558.8	578.8	598.0	616.3	631.6	646.6	661.9	672.2	683.0
52.5°	536.6	559.8	582.1	603.4	624.4	641.8	658.0	674.6	687.2	699.1	710.1
55°	557.3	581.2	605.0	626.0	647.1	667.2	682.7	698.1	712.3	723.8	735.6
57.5°	576.5	600.9	624.6	647.8	668.6	687.6	705.1	721.5	735.7	747.9	759.9
60°	594.5	619.9	644.1	666.8	688.1	708.1	726.7	743.0	757.5	770.2	782.5
62.5°	610.2	636.4	661.5	684.6	707.0	727.4	745.9	762.8	777.5	791.6	803.8
65°	625.0	651.7	676.9	700.6	723.3	744.7	763.2	780.8	796.9	811.7	823.8
67.5°	638.6	665.3	691.2	715.4	738.2	759.8	779.5	798.0	814.9	828.8	841.8
70°	650.3	677.9	704.7	729.3	752.7	774.0	794.1	812.7	829.2	843.8	858.9
72.5°	660.9	689.3	715.5	741.1	764.6	787.3	806.9	825.5	842.2	858.2	872.4
75°	670.4	698.2	725.0	750.7	773.9	796.6	817.8	836.6	854.1	870.9	884.2
77.5°	678.3	705.7	732.8	758.4	782.4	805.2	826.3	845.6	863.2	879.5	893.7
80°	683.8	711.3	739.0	765.2	789.5	812.1	832.9	853.1	871.6	887.2	901.4
82.5°	688.1	715.6	744.0	770.8	795.2	817.2	837.7	857.9	876.5	892.5	906.9
85°	690.3	718.5	747.0	772.8	796.8	820.2	840.9	860.6	879.1	895.7	910.2
87.5°	691.4	720.6	749.1	774.4	798.9	822.6	843.4	862.2	881.1	897.7	912.9
90°	690.5	720.6	749.1	774.4	800.5	822.6	844.0	862.2	880.4	897.0	913.6
92.5°	691.4	720.6	749.1	774.4	798.9	822.6	843.4	862.2	881.1	897.7	912.9
95°	690.3	718.5	747.0	772.8	796.8	820.2	840.9	860.6	879.1	895.7	910.2
97.5°	688.1	715.6	744.0	770.8	795.2	817.2	837.7	857.9	876.5	892.5	906.9
100°	683.8	711.3	739.0	765.2	789.5	812.1	832.9	853.1	871.6	887.2	901.4
102.5°	678.3	705.7	732.8	758.4	782.4	805.2	826.3	845.6	863.2	879.5	893.7
105°	670.4	698.2	725.0	750.7	773.9	796.6	817.8	836.6	854.1	870.9	884.2
107.5°	660.9	689.3	715.5	741.1	764.6	787.3	806.9	825.5	842.2	858.2	872.4
110°	650.3	677.9	704.7	729.3	752.7	774.0	794.1	812.7	829.2	843.8	858.9



TEST NUMBER: P231996

CATALOG NUMBER: FVS4WM-4-LD4-30-2STD-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°	638.6	665.3	691.2	715.4	738.2	759.8	779.5	798.0	814.9	828.8	841.8
115°	625.0	651.7	676.9	700.6	723.3	744.7	763.2	780.8	796.9	811.7	823.8
117.5°	610.2	636.4	661.5	684.6	707.0	727.4	745.9	762.8	777.5	791.6	803.8
120°	594.5	619.9	644.1	666.8	688.1	708.1	726.7	743.0	757.5	770.2	782.5
122.5°	576.5	600.9	624.6	647.8	668.6	687.6	705.1	721.5	735.7	747.9	759.9
125°	557.3	581.2	605.0	626.0	647.1	667.2	682.7	698.1	712.3	723.8	735.6
127.5°	536.6	559.8	582.1	603.4	624.4	641.8	658.0	674.6	687.2	699.1	710.1
130°	514.5	537.1	558.8	578.8	598.0	616.3	631.6	646.6	661.9	672.2	683.0
132.5°	491.3	513.0	534.1	553.7	571.4	588.7	604.6	618.5	631.8	643.3	653.3
135°	467.8	488.0	507.9	527.2	544.4	560.2	575.7	590.3	602.6	613.4	622.9
137.5°	442.5	462.0	480.9	499.0	515.9	530.9	545.6	559.7	573.9	582.5	591.8
140°	416.4	434.8	452.3	469.5	485.3	499.4	513.4	527.0	538.9	549.4	558.2
142.5°	388.8	406.8	422.8	438.3	454.0	468.1	481.4	494.4	505.3	515.8	522.5
145°	359.7	377.5	393.7	407.6	421.1	434.5	447.0	458.9	469.5	478.1	485.7
147.5°	329.8	345.4	361.6	376.9	389.2	400.6	411.8	422.3	432.0	440.1	447.3
150°	298.8	313.0	327.2	341.6	355.1	366.1	376.1	385.6	394.3	402.0	409.6
152.5°	268.6	281.6	294.2	305.9	317.8	329.0	340.8	347.7	355.5	362.6	368.8
155°	238.1	250.3	263.9	272.6	281.7	290.2	299.2	307.6	315.3	322.1	328.0
157.5°	206.3	216.6	227.1	237.0	246.4	253.7	260.7	267.1	273.7	280.4	286.1
160°	175.8	184.5	192.8	200.8	208.7	216.3	223.3	229.7	235.3	240.4	245.1
162.5°	145.2	153.6	159.6	166.2	172.5	178.4	184.3	189.9	195.1	199.8	204.4
165°	114.9	121.0	126.4	131.4	135.9	141.0	145.7	150.5	155.2	159.5	163.5
167.5°	87.6	92.1	96.5	100.6	104.4	108.1	111.7	115.0	118.1	121.5	124.7
170°	61.0	64.6	68.1	71.3	74.2	76.8	79.2	81.6	84.0	86.2	88.2
172.5°	39.0	40.7	42.4	44.0	45.6	47.5	49.0	51.3	53.2	55.0	56.7
175°	19.3	20.7	22.1	23.5	24.7	25.9	27.0	28.1	29.0	29.9	30.6
177.5°	9.1	9.3	9.6	9.7	9.9	10.1	10.2	10.3	10.4	10.5	10.6
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: P231996

CATALOG NUMBER: FVS4WM-4-LD4-30-2STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	10.6	10.6	10.6	10.6	10.6	10.5	10.7	10.5	10.3	10.1	9.9
5°	31.3	31.9	32.4	32.8	33.1	33.4	33.5	33.5	34.2	33.7	33.3
7.5°	58.2	59.6	60.8	61.8	62.7	63.3	63.9	64.2	64.4	65.2	64.5
10°	89.9	92.5	94.8	96.8	98.7	100.3	101.6	102.6	103.4	105.3	104.7
12.5°	127.5	130.0	132.0	133.9	136.0	137.7	138.9	139.7	140.0	140.0	140.2
15°	167.1	170.2	172.8	174.8	176.4	178.2	180.2	181.8	182.9	183.6	184.8
17.5°	208.5	212.0	215.0	217.6	219.6	221.2	222.8	224.8	226.1	226.8	228.1
20°	249.3	253.3	256.9	259.9	262.3	264.0	265.0	266.4	267.9	268.7	270.3
22.5°	291.0	294.9	298.3	301.9	304.8	307.0	308.3	308.9	310.3	311.2	312.9
25°	333.3	337.9	341.8	344.8	347.8	350.0	351.2	351.6	352.0	353.8	354.8
27.5°	374.3	379.3	383.8	387.1	389.0	391.2	392.3	392.6	392.1	393.3	393.9
30°	414.1	418.5	422.9	426.4	429.0	430.8	432.5	433.3	433.3	433.5	434.0
32.5°	453.2	458.1	461.5	465.8	468.9	471.0	472.4	473.2	472.9	472.0	473.1
35°	492.4	497.5	501.8	505.6	508.9	510.8	511.7	511.9	510.8	508.5	509.4
37.5°	529.4	535.3	540.4	544.0	546.3	548.3	548.7	548.0	547.2	545.6	545.7
40°	565.7	572.9	578.1	581.2	583.3	584.3	584.3	583.4	582.6	580.6	579.7
42.5°	599.9	606.8	612.4	615.5	617.6	619.1	619.6	619.1	618.0	616.5	614.9
45°	631.9	639.9	645.0	648.5	651.5	654.4	653.2	652.5	650.5	648.8	645.9
47.5°	663.1	671.8	677.4	681.5	683.9	685.2	685.5	684.9	683.3	681.4	678.3
50°	695.5	704.8	708.1	712.3	715.0	716.4	717.1	715.8	713.4	711.1	710.6
52.5°	721.7	729.7	735.7	741.3	745.0	746.3	746.3	744.4	742.5	740.5	741.0
55°	746.6	754.5	761.7	768.0	772.5	774.5	774.8	773.0	770.5	767.9	766.9
57.5°	770.1	778.0	785.3	793.1	799.1	801.3	801.5	799.9	797.4	794.4	792.3
60°	792.9	801.4	808.9	816.8	823.0	825.9	827.1	824.5	822.2	819.0	816.4
62.5°	814.4	823.1	831.0	839.4	843.9	847.7	849.6	848.1	845.1	841.4	838.6
65°	834.9	843.6	851.3	857.4	863.0	867.6	870.1	868.9	867.1	862.8	859.4
67.5°	854.0	862.7	869.7	876.0	881.8	885.2	888.4	889.3	887.1	882.5	879.2
70°	869.9	879.4	887.0	893.2	897.7	901.0	904.0	906.1	903.8	899.9	896.1
72.5°	884.1	894.6	902.2	908.3	912.1	914.7	917.6	919.7	919.4	916.0	910.7
75°	896.4	907.0	915.0	921.9	925.7	927.2	928.0	929.8	931.4	929.9	924.7
77.5°	906.3	916.9	925.6	932.4	936.9	939.0	938.9	938.3	939.4	940.3	936.6
80°	914.3	924.7	933.7	941.2	945.6	948.8	949.6	947.2	944.4	946.8	946.3
82.5°	919.7	930.8	939.3	946.2	951.3	954.4	955.9	955.4	952.2	947.9	951.4
85°	923.5	934.0	943.0	949.7	954.5	957.5	958.5	958.4	957.2	954.0	949.4
87.5°	925.5	935.3	944.1	950.7	955.6	957.5	959.2	959.0	957.3	954.4	952.3
90°	924.7	934.9	942.9	950.0	954.7	956.3	957.1	956.3	953.9	950.8	946.0
92.5°	925.5	935.3	944.1	950.7	955.6	957.5	959.2	959.0	957.3	954.4	952.3
95°	923.5	934.0	943.0	949.7	954.5	957.5	958.5	958.4	957.2	954.0	949.4
97.5°	919.7	930.8	939.3	946.2	951.3	954.4	955.9	955.4	952.2	947.9	951.4
100°	914.3	924.7	933.7	941.2	945.6	948.8	949.6	947.2	944.4	946.8	946.3
102.5°	906.3	916.9	925.6	932.4	936.9	939.0	938.9	938.3	939.4	940.3	936.6
105°	896.4	907.0	915.0	921.9	925.7	927.2	928.0	929.8	931.4	929.9	924.7
107.5°	884.1	894.6	902.2	908.3	912.1	914.7	917.6	919.7	919.4	916.0	910.7
110°	869.9	879.4	887.0	893.2	897.7	901.0	904.0	906.1	903.8	899.9	896.1



TEST NUMBER: P231996

CATALOG NUMBER: FVS4WM-4-LD4-30-2STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	854.0	862.7	869.7	876.0	881.8	885.2	888.4	889.3	887.1	882.5	879.2
115°	834.9	843.6	851.3	857.4	863.0	867.6	870.1	868.9	867.1	862.8	859.4
117.5°	814.4	823.1	831.0	839.4	843.9	847.7	849.6	848.1	845.1	841.4	838.6
120°	792.9	801.4	808.9	816.8	823.0	825.9	827.1	824.5	822.2	819.0	816.4
122.5°	770.1	778.0	785.3	793.1	799.1	801.3	801.5	799.9	797.4	794.4	792.3
125°	746.6	754.5	761.7	768.0	772.5	774.5	774.8	773.0	770.5	767.9	766.9
127.5°	721.7	729.7	735.7	741.3	745.0	746.3	746.3	744.4	742.5	740.5	741.0
130°	695.5	704.8	708.1	712.3	715.0	716.4	717.1	715.8	713.4	711.1	710.6
132.5°	663.1	671.8	677.4	681.5	683.9	685.2	685.5	684.9	683.3	681.4	678.3
135°	631.9	639.9	645.0	648.5	651.5	654.4	653.2	652.5	650.5	648.8	645.9
137.5°	599.9	606.8	612.4	615.5	617.6	619.1	619.6	619.1	618.0	616.5	614.9
140°	565.7	572.9	578.1	581.2	583.3	584.3	584.3	583.4	582.6	580.6	579.7
142.5°	529.4	535.3	540.4	544.0	546.3	548.3	548.7	548.0	547.2	545.6	545.7
145°	492.4	497.5	501.8	505.6	508.9	510.8	511.7	511.9	510.8	508.5	509.4
147.5°	453.2	458.1	461.5	465.8	468.9	471.0	472.4	473.2	472.9	472.0	473.1
150°	414.1	418.5	422.9	426.4	429.0	430.8	432.5	433.3	433.3	433.5	434.0
152.5°	374.3	379.3	383.8	387.1	389.0	391.2	392.3	392.6	392.1	393.3	393.9
155°	333.3	337.9	341.8	344.8	347.8	350.0	351.2	351.6	352.0	353.8	354.8
157.5°	291.0	294.9	298.3	301.9	304.8	307.0	308.3	308.9	310.3	311.2	312.9
160°	249.3	253.3	256.9	259.9	262.3	264.0	265.0	266.4	267.9	268.7	270.3
162.5°	208.5	212.0	215.0	217.6	219.6	221.2	222.8	224.8	226.1	226.8	228.1
165°	167.1	170.2	172.8	174.8	176.4	178.2	180.2	181.8	182.9	183.6	184.8
167.5°	127.5	130.0	132.0	133.9	136.0	137.7	138.9	139.7	140.0	140.0	140.2
170°	89.9	92.5	94.8	96.8	98.7	100.3	101.6	102.6	103.4	105.3	104.7
172.5°	58.2	59.6	60.8	61.8	62.7	63.3	63.9	64.2	64.4	65.2	64.5
175°	31.3	31.9	32.4	32.8	33.1	33.4	33.5	33.5	34.2	33.7	33.3
177.5°	10.6	10.6	10.6	10.6	10.6	10.5	10.7	10.5	10.3	10.1	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: P231996

CATALOG NUMBER: FVS4WM-4-LD4-30-2STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	0.0	0.0
2.5°	9.7	9.5
5°	32.9	32.4
7.5°	63.9	63.3
10°	104.2	103.6
12.5°	138.9	137.6
15°	183.8	182.7
17.5°	226.8	225.4
20°	268.8	267.4
22.5°	311.1	309.3
25°	355.5	354.4
27.5°	394.0	392.3
30°	433.9	431.9
32.5°	473.7	472.2
35°	510.5	509.4
37.5°	547.0	545.8
40°	582.2	582.2
42.5°	617.4	617.0
45°	649.8	651.0
47.5°	680.6	681.0
50°	712.1	711.1
52.5°	741.6	739.6
55°	767.5	768.0
57.5°	793.1	794.9
60°	817.2	817.9
62.5°	839.9	842.4
65°	861.9	860.6
67.5°	880.2	881.2
70°	897.0	898.6
72.5°	911.6	912.8
75°	924.6	927.0
77.5°	934.9	938.9
80°	943.6	948.4
82.5°	951.4	955.5
85°	957.0	961.0
87.5°	950.5	964.2
90°	945.2	954.7
92.5°	950.5	964.2
95°	957.0	961.0
97.5°	951.4	955.5
100°	943.6	948.4
102.5°	934.9	938.9
105°	924.6	927.0
107.5°	911.6	912.8
110°	897.0	898.6



TEST NUMBER: P231996

CATALOG NUMBER: FVS4WM-4-LD4-30-2STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	880.2	881.2
115°	861.9	860.6
117.5°	839.9	842.4
120°	817.2	817.9
122.5°	793.1	794.9
125°	767.5	768.0
127.5°	741.6	739.6
130°	712.1	711.1
132.5°	680.6	681.0
135°	649.8	651.0
137.5°	617.4	617.0
140°	582.2	582.2
142.5°	547.0	545.8
145°	510.5	509.4
147.5°	473.7	472.2
150°	433.9	431.9
152.5°	394.0	392.3
155°	355.5	354.4
157.5°	311.1	309.3
160°	268.8	267.4
162.5°	226.8	225.4
165°	183.8	182.7
167.5°	138.9	137.6
170°	104.2	103.6
172.5°	63.9	63.3
175°	32.9	32.4
177.5°	9.7	9.5
180°	0.0	0.0

(END OF REPORT)