

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: P232069

Luminaire Tested: **FVS4WM-3-LD4-35-2STD-PFS125-UNV-EDC1**

Issue Date: 3/3/2020



Test Information

Test Method: LM-79-08
Report Number: P232069
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-LD4-35-2STD-PFS125-UNV-EDC1
Description: FAILSAFE FVS LED FIXTURE
3FT LENGTH, 2-MODULE LED WITH PFS125 LENS
Light Source: (168) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

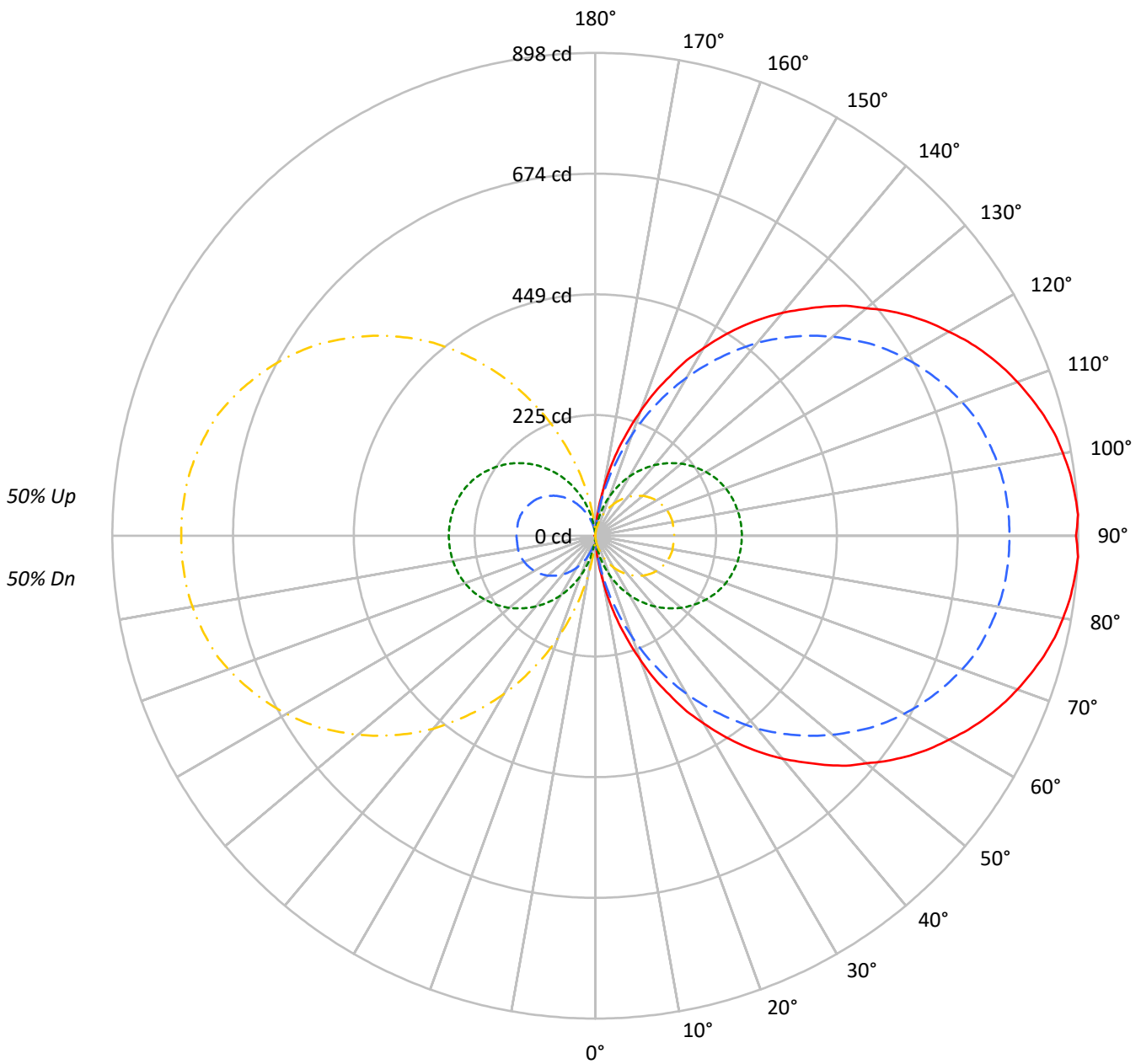
Lumens per Lamp: N/A
Luminaire Lumens: 4025.7 lumens
Efficiency: N/A
Efficacy: 62.9 lumens/watt
Spacing Criteria (0/90/45): 19.84 / 16.75 / 17.95
Luminous Opening: Rectangular w/ Sides (W: 2.92' x L: 0.19' x H: 0.31')
CIE Type: General Diffuse

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

TEST NUMBER: P232069

CATALOG NUMBER: FVS4WM-3-LD4-35-2STD-PFS125-UNV-EDC1

Luminous Intensity Polar Plot



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



TEST NUMBER: P232069

CATALOG NUMBER: FVS4WM-3-LD4-35-2STD-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	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°	543	194	16	194
10°	1430	583	14	583
15°	2369	1052	13	1052
20°	3224	1576	12	1576
25°	3990	2139	11	2139
30°	4667	2733	10	2733
35°	5275	3357	10	3357
40°	5800	4050	10	4050
45°	6290	4795	9	4795
50°	6750	5664	9	5664
55°	7240	6664	9	6664
60°	7687	7882	9	7882
65°	8159	9434	9	9434
70°	8618	11475	9	11475
75°	9094	14364	9	14364
80°	9577	18959	0	18959
85°	10078	27571	0	27571



TEST NUMBER: P232069

CATALOG NUMBER: FVS4WM-3-LD4-35-2STD-PFS125-UNV-EDC1

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	2.3	0.1
10°-20°	22.5	0.6
20°-30°	70.3	1.7
30°-40°	139.8	3.5
40°-50°	221.0	5.5
50°-60°	302.8	7.5
60°-70°	374.6	9.3
70°-80°	427.0	10.6
80°-90°	452.6	11.2
90°-100°	452.6	11.2
100°-110°	427.0	10.6
110°-120°	374.6	9.3
120°-130°	302.8	7.5
130°-140°	221.0	5.5
140°-150°	139.8	3.5
150°-160°	70.3	1.7
160°-170°	22.5	0.6
170°-180°	2.3	0.1
0°-30°	95.0	2.4
0°-40°	234.9	5.8
0°-60°	758.6	18.8
0°-90°	2012.8	50.0
90°-120°	1254.2	31.2
90°-150°	1917.8	47.6
90°-180°	2013.0	50.0
0°-180°	4025.7	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1	1	1	1	1	
5°	32	10	1	10	32	5
15°	168	53	1	53	168	50
25°	326	103	1	103	326	153
35°	476	150	1	150	476	300
45°	603	191	1	191	603	467
55°	713	224	1	224	713	639
65°	801	249	1	249	801	794
75°	863	264	1	264	863	912
85°	895	272	0	272	895	729
90°	894	272	0	272	894	491
95°	895	272	0	272	895	729
105°	863	264	1	264	863	912
115°	801	249	1	249	801	794
125°	713	224	1	224	713	639
135°	603	191	1	191	603	467
145°	476	150	1	150	476	300
155°	326	103	1	103	326	153
165°	168	53	1	53	168	50
175°	32	10	1	10	32	5
180°	0	0	0	0	0	



TEST NUMBER: P232069

CATALOG NUMBER: FVS4WM-3-LD4-35-2STD-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°	10.8	11.0	11.2	11.4	11.6	11.8	12.0	11.7	11.7	11.8	11.8
5°	31.5	31.9	32.2	32.6	32.9	32.3	32.2	32.0	31.8	31.5	31.1
7.5°	57.6	58.3	59.0	59.7	59.2	59.2	59.0	58.6	58.1	57.4	56.6
10°	92.6	93.4	94.2	95.0	93.6	93.3	92.6	91.7	90.6	89.2	87.6
12.5°	129.5	130.7	131.9	131.5	131.4	130.9	130.0	128.7	127.1	125.1	123.2
15°	168.2	169.4	170.6	169.8	169.5	168.7	167.6	166.0	164.5	163.2	161.4
17.5°	205.9	207.7	209.6	209.0	208.9	208.2	206.9	205.7	204.5	202.8	200.5
20°	247.3	249.4	251.6	250.7	250.5	249.7	248.4	246.9	245.0	242.7	240.1
22.5°	288.7	290.2	291.7	290.0	289.2	288.1	288.0	286.9	284.8	281.6	277.4
25°	326.5	328.6	329.1	329.2	328.4	328.2	327.9	327.0	325.4	323.2	320.1
27.5°	367.8	369.4	369.3	368.7	367.6	367.7	367.0	365.6	363.1	361.2	358.1
30°	402.9	405.2	405.7	405.7	405.8	406.0	405.2	403.4	401.7	399.3	395.9
32.5°	439.8	442.4	442.9	442.9	443.0	442.6	441.4	440.5	439.3	436.8	432.8
35°	475.7	477.3	476.8	476.4	477.7	477.7	476.6	475.9	474.2	471.8	468.5
37.5°	509.0	510.7	510.2	510.6	512.1	512.5	512.5	511.8	510.1	507.4	503.6
40°	541.4	543.7	543.5	544.4	545.3	545.7	546.5	546.0	544.4	542.0	538.5
42.5°	571.1	573.6	573.7	575.7	577.0	578.2	579.2	579.1	577.1	574.4	571.1
45°	602.6	604.8	604.3	606.1	607.0	608.8	609.8	611.2	608.4	605.3	601.5
47.5°	633.1	634.1	633.1	635.1	636.5	638.2	638.6	638.8	638.0	635.6	631.3
50°	658.3	661.0	661.4	662.9	665.4	667.9	669.3	669.1	667.5	665.2	660.7
52.5°	687.1	688.9	689.1	690.5	693.1	695.5	696.9	696.5	695.6	693.2	689.3
55°	713.2	714.5	714.6	716.1	719.0	721.4	722.9	722.2	720.2	717.6	713.6
57.5°	737.5	738.2	738.2	740.4	743.6	746.8	748.1	747.6	746.2	741.6	736.2
60°	759.0	760.6	760.7	764.0	767.7	771.0	771.9	771.4	769.4	765.2	759.3
62.5°	781.5	780.6	782.1	785.7	789.8	792.9	793.7	792.5	791.1	787.1	780.8
65°	801.3	801.4	802.2	805.5	810.2	812.8	813.7	813.3	810.9	805.7	799.9
67.5°	819.3	818.8	819.8	824.1	828.8	831.3	832.1	831.2	828.2	823.0	817.0
70°	835.5	834.0	835.8	841.5	846.2	848.0	848.7	847.8	844.0	838.9	832.3
72.5°	849.9	848.9	850.6	856.3	860.8	862.6	862.8	861.0	857.4	852.4	846.9
75°	863.4	860.8	863.8	869.6	873.1	874.7	873.7	872.1	869.3	864.3	857.9
77.5°	875.0	871.0	875.0	881.0	883.3	884.1	883.1	881.4	878.3	873.5	867.0
80°	883.1	880.1	884.8	889.3	890.5	891.2	890.8	889.2	886.4	881.9	874.9
82.5°	890.3	887.6	892.6	893.7	895.4	896.3	896.2	894.5	891.9	887.2	880.4
85°	894.8	894.6	895.0	896.9	898.4	899.5	899.2	897.6	894.6	890.0	883.8
87.5°	898.4	895.7	894.8	896.7	898.5	899.6	899.1	897.9	894.9	890.3	884.7
90°	893.9	885.8	888.5	892.1	895.7	897.5	897.5	896.6	893.9	890.3	884.0
92.5°	898.4	895.7	894.8	896.7	898.5	899.6	899.1	897.9	894.9	890.3	884.7
95°	894.8	894.6	895.0	896.9	898.4	899.5	899.2	897.6	894.6	890.0	883.8
97.5°	890.3	887.6	892.6	893.7	895.4	896.3	896.2	894.5	891.9	887.2	880.4
100°	883.1	880.1	884.8	889.3	890.5	891.2	890.8	889.2	886.4	881.9	874.9
102.5°	875.0	871.0	875.0	881.0	883.3	884.1	883.1	881.4	878.3	873.5	867.0
105°	863.4	860.8	863.8	869.6	873.1	874.7	873.7	872.1	869.3	864.3	857.9
107.5°	849.9	848.9	850.6	856.3	860.8	862.6	862.8	861.0	857.4	852.4	846.9
110°	835.5	834.0	835.8	841.5	846.2	848.0	848.7	847.8	844.0	838.9	832.3



TEST NUMBER: P232069

CATALOG NUMBER: FVS4WM-3-LD4-35-2STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
112.5°	819.3	818.8	819.8	824.1	828.8	831.3	832.1	831.2	828.2	823.0	817.0
115°	801.3	801.4	802.2	805.5	810.2	812.8	813.7	813.3	810.9	805.7	799.9
117.5°	781.5	780.6	782.1	785.7	789.8	792.9	793.7	792.5	791.1	787.1	780.8
120°	759.0	760.6	760.7	764.0	767.7	771.0	771.9	771.4	769.4	765.2	759.3
122.5°	737.5	738.2	738.2	740.4	743.6	746.8	748.1	747.6	746.2	741.6	736.2
125°	713.2	714.5	714.6	716.1	719.0	721.4	722.9	722.2	720.2	717.6	713.6
127.5°	687.1	688.9	689.1	690.5	693.1	695.5	696.9	696.5	695.6	693.2	689.3
130°	658.3	661.0	661.4	662.9	665.4	667.9	669.3	669.1	667.5	665.2	660.7
132.5°	633.1	634.1	633.1	635.1	636.5	638.2	638.6	638.8	638.0	635.6	631.3
135°	602.6	604.8	604.3	606.1	607.0	608.8	609.8	611.2	608.4	605.3	601.5
137.5°	571.1	573.6	573.7	575.7	577.0	578.2	579.2	579.1	577.1	574.4	571.1
140°	541.4	543.7	543.5	544.4	545.3	545.7	546.5	546.0	544.4	542.0	538.5
142.5°	509.0	510.7	510.2	510.6	512.1	512.5	512.5	511.8	510.1	507.4	503.6
145°	475.7	477.3	476.8	476.4	477.7	477.7	476.6	475.9	474.2	471.8	468.5
147.5°	439.8	442.4	442.9	442.9	443.0	442.6	441.4	440.5	439.3	436.8	432.8
150°	402.9	405.2	405.7	405.7	405.8	406.0	405.2	403.4	401.7	399.3	395.9
152.5°	367.8	369.4	369.3	368.7	367.6	367.7	367.0	365.6	363.1	361.2	358.1
155°	326.5	328.6	329.1	329.2	328.4	328.2	327.9	327.0	325.4	323.2	320.1
157.5°	288.7	290.2	291.7	290.0	289.2	288.1	288.0	286.9	284.8	281.6	277.4
160°	247.3	249.4	251.6	250.7	250.5	249.7	248.4	246.9	245.0	242.7	240.1
162.5°	205.9	207.7	209.6	209.0	208.9	208.2	206.9	205.7	204.5	202.8	200.5
165°	168.2	169.4	170.6	169.8	169.5	168.7	167.6	166.0	164.5	163.2	161.4
167.5°	129.5	130.7	131.9	131.5	131.4	130.9	130.0	128.7	127.1	125.1	123.2
170°	92.6	93.4	94.2	95.0	93.6	93.3	92.6	91.7	90.6	89.2	87.6
172.5°	57.6	58.3	59.0	59.7	59.2	59.2	59.0	58.6	58.1	57.4	56.6
175°	31.5	31.9	32.2	32.6	32.9	32.3	32.2	32.0	31.8	31.5	31.1
177.5°	10.8	11.0	11.2	11.4	11.6	11.8	12.0	11.7	11.7	11.8	11.8
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: P232069

CATALOG NUMBER: FVS4WM-3-LD4-35-2STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
2.5°	11.8	11.7	11.7	11.6	11.5	11.4	11.2	11.1	10.9	10.7	10.5
5°	30.7	30.1	29.5	28.8	28.1	27.3	26.4	25.5	24.5	23.4	22.3
7.5°	55.5	54.3	52.9	51.4	49.7	47.8	45.6	44.3	42.5	41.2	40.0
10°	85.7	83.6	82.2	80.3	78.2	75.8	73.5	71.3	68.9	66.4	63.7
12.5°	121.3	119.1	116.5	113.7	110.7	107.7	104.4	100.8	96.9	92.6	88.1
15°	159.1	156.2	152.9	149.3	145.4	141.2	137.0	132.4	127.5	122.8	117.9
17.5°	197.7	194.4	190.6	186.4	181.9	176.9	171.4	165.7	159.9	153.6	146.9
20°	237.1	233.5	229.4	224.8	219.7	214.1	207.9	201.0	193.5	186.0	178.4
22.5°	274.4	271.4	267.4	262.4	256.5	250.0	243.5	236.5	229.4	220.5	211.3
25°	315.7	311.0	306.2	301.2	294.8	287.3	279.2	270.8	262.6	253.9	245.9
27.5°	353.9	348.7	342.9	337.0	330.6	323.3	316.6	305.7	296.0	285.9	275.2
30°	391.6	386.6	381.6	373.7	366.2	358.0	349.2	340.0	330.2	319.0	307.2
32.5°	428.6	423.5	417.2	409.4	401.6	392.5	382.7	372.1	361.8	350.6	337.4
35°	464.1	458.5	452.1	444.9	436.4	426.7	416.2	404.8	393.5	381.0	366.9
37.5°	498.8	492.9	486.3	480.2	469.9	460.3	449.1	436.4	423.8	411.6	396.6
40°	533.8	527.3	519.6	511.3	502.3	492.2	481.3	468.4	453.3	438.7	423.9
42.5°	566.1	560.3	552.8	543.2	534.4	522.3	510.1	496.7	482.0	466.1	450.0
45°	596.6	590.3	582.4	573.5	563.2	551.4	538.4	524.3	509.1	493.4	475.8
47.5°	626.0	619.9	611.5	602.3	592.1	580.3	565.7	550.6	534.9	519.2	501.0
50°	653.8	646.9	639.2	629.5	619.7	605.7	591.1	575.9	559.3	542.4	524.1
52.5°	683.3	673.8	665.5	654.7	643.0	631.2	615.5	599.5	583.1	565.1	545.7
55°	707.1	697.8	689.1	678.8	666.7	653.6	639.4	623.1	604.5	585.5	566.6
57.5°	730.4	722.5	712.4	701.1	688.7	675.7	660.4	643.7	625.9	606.2	585.0
60°	751.9	744.0	734.3	722.6	709.4	695.4	679.9	662.8	644.6	624.6	603.6
62.5°	772.9	763.4	753.7	741.6	728.5	714.3	697.9	680.5	662.1	641.9	620.0
65°	791.6	782.3	771.9	759.1	745.8	731.2	714.7	696.9	677.9	657.1	635.1
67.5°	809.3	799.8	788.0	775.4	761.7	746.4	730.1	712.1	692.4	671.1	648.4
70°	824.1	814.0	802.9	789.6	775.5	759.8	743.4	725.7	705.8	684.4	660.4
72.5°	838.0	827.6	816.4	803.1	788.6	772.6	756.2	738.5	716.8	695.2	671.2
75°	849.5	839.3	827.4	814.4	800.3	783.5	765.5	746.8	725.7	704.0	680.2
77.5°	859.2	849.1	837.1	823.3	807.7	791.9	773.7	754.3	733.8	711.2	687.0
80°	867.0	856.7	844.5	830.5	814.9	798.2	780.1	760.5	740.0	717.0	692.5
82.5°	871.9	862.2	849.9	835.5	820.0	803.2	784.4	765.5	744.7	721.0	697.0
85°	875.0	865.1	852.6	838.9	822.5	806.1	787.3	768.0	746.7	723.8	700.2
87.5°	876.4	867.0	854.3	840.8	824.0	808.0	789.8	769.8	748.8	726.1	702.7
90°	875.9	867.0	853.5	840.0	824.7	809.4	790.5	769.8	750.0	726.7	703.3
92.5°	876.4	867.0	854.3	840.8	824.0	808.0	789.8	769.8	748.8	726.1	702.7
95°	875.0	865.1	852.6	838.9	822.5	806.1	787.3	768.0	746.7	723.8	700.2
97.5°	871.9	862.2	849.9	835.5	820.0	803.2	784.4	765.5	744.7	721.0	697.0
100°	867.0	856.7	844.5	830.5	814.9	798.2	780.1	760.5	740.0	717.0	692.5
102.5°	859.2	849.1	837.1	823.3	807.7	791.9	773.7	754.3	733.8	711.2	687.0
105°	849.5	839.3	827.4	814.4	800.3	783.5	765.5	746.8	725.7	704.0	680.2
107.5°	838.0	827.6	816.4	803.1	788.6	772.6	756.2	738.5	716.8	695.2	671.2
110°	824.1	814.0	802.9	789.6	775.5	759.8	743.4	725.7	705.8	684.4	660.4



TEST NUMBER: P232069

CATALOG NUMBER: FVS4WM-3-LD4-35-2STD-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°	809.3	799.8	788.0	775.4	761.7	746.4	730.1	712.1	692.4	671.1	648.4
115°	791.6	782.3	771.9	759.1	745.8	731.2	714.7	696.9	677.9	657.1	635.1
117.5°	772.9	763.4	753.7	741.6	728.5	714.3	697.9	680.5	662.1	641.9	620.0
120°	751.9	744.0	734.3	722.6	709.4	695.4	679.9	662.8	644.6	624.6	603.6
122.5°	730.4	722.5	712.4	701.1	688.7	675.7	660.4	643.7	625.9	606.2	585.0
125°	707.1	697.8	689.1	678.8	666.7	653.6	639.4	623.1	604.5	585.5	566.6
127.5°	683.3	673.8	665.5	654.7	643.0	631.2	615.5	599.5	583.1	565.1	545.7
130°	653.8	646.9	639.2	629.5	619.7	605.7	591.1	575.9	559.3	542.4	524.1
132.5°	626.0	619.9	611.5	602.3	592.1	580.3	565.7	550.6	534.9	519.2	501.0
135°	596.6	590.3	582.4	573.5	563.2	551.4	538.4	524.3	509.1	493.4	475.8
137.5°	566.1	560.3	552.8	543.2	534.4	522.3	510.1	496.7	482.0	466.1	450.0
140°	533.8	527.3	519.6	511.3	502.3	492.2	481.3	468.4	453.3	438.7	423.9
142.5°	498.8	492.9	486.3	480.2	469.9	460.3	449.1	436.4	423.8	411.6	396.6
145°	464.1	458.5	452.1	444.9	436.4	426.7	416.2	404.8	393.5	381.0	366.9
147.5°	428.6	423.5	417.2	409.4	401.6	392.5	382.7	372.1	361.8	350.6	337.4
150°	391.6	386.6	381.6	373.7	366.2	358.0	349.2	340.0	330.2	319.0	307.2
152.5°	353.9	348.7	342.9	337.0	330.6	323.3	316.6	305.7	296.0	285.9	275.2
155°	315.7	311.0	306.2	301.2	294.8	287.3	279.2	270.8	262.6	253.9	245.9
157.5°	274.4	271.4	267.4	262.4	256.5	250.0	243.5	236.5	229.4	220.5	211.3
160°	237.1	233.5	229.4	224.8	219.7	214.1	207.9	201.0	193.5	186.0	178.4
162.5°	197.7	194.4	190.6	186.4	181.9	176.9	171.4	165.7	159.9	153.6	146.9
165°	159.1	156.2	152.9	149.3	145.4	141.2	137.0	132.4	127.5	122.8	117.9
167.5°	121.3	119.1	116.5	113.7	110.7	107.7	104.4	100.8	96.9	92.6	88.1
170°	85.7	83.6	82.2	80.3	78.2	75.8	73.5	71.3	68.9	66.4	63.7
172.5°	55.5	54.3	52.9	51.4	49.7	47.8	45.6	44.3	42.5	41.2	40.0
175°	30.7	30.1	29.5	28.8	28.1	27.3	26.4	25.5	24.5	23.4	22.3
177.5°	11.8	11.7	11.7	11.6	11.5	11.4	11.2	11.1	10.9	10.7	10.5
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232069

CATALOG NUMBER: FVS4WM-3-LD4-35-2STD-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°	10.3	10.0	9.7	9.5	9.2	8.8	8.5	8.2	7.8	7.4	7.1
5°	21.1	19.9	18.6	18.0	17.4	16.8	16.1	15.4	14.7	14.0	13.2
7.5°	38.7	37.2	35.6	33.9	32.0	30.1	28.0	27.0	26.2	25.2	24.3
10°	60.8	57.8	54.8	52.3	49.8	47.1	44.2	41.2	38.1	36.6	35.3
12.5°	84.7	81.3	77.5	73.5	69.2	65.3	61.9	58.4	54.8	51.0	48.7
15°	112.9	107.7	103.2	97.3	91.8	85.9	79.8	75.4	71.3	67.0	62.5
17.5°	140.8	134.2	128.3	122.1	115.5	108.6	101.4	94.0	88.6	83.7	78.6
20°	170.6	162.4	154.1	146.9	139.1	131.0	123.0	114.8	106.4	100.5	94.7
22.5°	201.5	192.1	182.5	172.5	163.3	154.1	144.5	135.2	125.6	116.6	109.8
25°	233.5	222.4	211.3	200.0	188.0	177.2	166.7	155.9	145.0	133.6	124.9
27.5°	263.4	251.6	239.9	228.0	214.4	200.3	188.2	176.0	163.8	151.8	141.0
30°	293.9	279.7	266.1	253.1	239.4	224.3	209.2	195.6	182.4	169.4	157.2
32.5°	323.6	308.6	292.8	277.6	263.0	247.4	231.0	215.2	199.8	185.6	172.2
35°	351.9	336.4	319.8	302.7	286.1	269.1	251.8	235.3	217.9	201.6	187.0
37.5°	380.1	363.2	345.6	327.8	311.2	291.0	272.0	253.3	235.2	217.4	201.8
40°	407.4	389.8	370.7	351.2	332.3	312.6	292.2	271.8	251.7	233.4	216.5
42.5°	433.0	414.5	395.0	374.3	353.9	333.8	311.8	289.7	267.5	248.0	229.5
45°	457.6	438.7	417.9	396.4	374.5	353.2	330.3	306.2	283.5	262.1	241.9
47.5°	481.2	461.1	439.8	418.6	394.7	372.2	348.6	322.9	298.8	275.6	253.8
50°	503.8	482.9	460.7	437.1	413.2	388.8	364.5	339.3	313.9	288.7	265.6
52.5°	525.2	503.3	479.8	455.7	431.3	405.4	379.8	354.1	327.7	301.0	276.6
55°	545.2	522.8	498.7	473.2	447.4	421.3	395.1	368.2	340.1	313.0	287.3
57.5°	563.0	539.5	517.7	490.4	463.0	436.1	409.3	381.5	351.3	323.7	297.2
60°	581.9	555.2	532.0	506.2	478.6	450.2	421.6	393.3	361.9	333.6	306.7
62.5°	597.4	572.0	546.3	520.2	493.4	463.7	433.5	404.0	372.8	343.1	315.5
65°	611.6	586.2	559.7	533.0	504.8	474.3	444.4	414.0	383.2	352.6	323.8
67.5°	625.0	598.0	571.2	545.2	515.4	484.5	454.1	423.0	391.8	360.7	330.7
70°	637.1	609.6	583.0	554.5	524.8	494.5	463.3	431.2	399.4	368.2	337.3
72.5°	645.9	620.0	594.0	564.0	533.4	503.0	470.9	438.5	406.2	373.7	342.1
75°	654.3	628.0	601.0	571.5	541.4	510.3	477.1	445.1	412.6	378.6	346.4
77.5°	661.7	634.8	607.5	577.5	547.4	516.3	482.6	449.8	416.9	383.2	350.4
80°	667.4	640.1	612.6	582.4	551.3	520.8	487.7	453.7	420.3	387.4	354.1
82.5°	671.6	644.4	616.4	586.1	554.8	523.5	491.3	456.1	423.0	389.7	357.8
85°	673.8	647.4	618.8	588.5	557.8	526.1	495.3	458.7	426.2	392.1	359.6
87.5°	676.1	648.9	620.5	591.2	559.0	526.9	495.1	459.6	427.2	392.1	358.8
90°	677.2	648.4	620.5	592.7	558.5	527.9	494.6	460.5	428.1	392.1	357.9
92.5°	676.1	648.9	620.5	591.2	559.0	526.9	495.1	459.6	427.2	392.1	358.8
95°	673.8	647.4	618.8	588.5	557.8	526.1	495.3	458.7	426.2	392.1	359.6
97.5°	671.6	644.4	616.4	586.1	554.8	523.5	491.3	456.1	423.0	389.7	357.8
100°	667.4	640.1	612.6	582.4	551.3	520.8	487.7	453.7	420.3	387.4	354.1
102.5°	661.7	634.8	607.5	577.5	547.4	516.3	482.6	449.8	416.9	383.2	350.4
105°	654.3	628.0	601.0	571.5	541.4	510.3	477.1	445.1	412.6	378.6	346.4
107.5°	645.9	620.0	594.0	564.0	533.4	503.0	470.9	438.5	406.2	373.7	342.1
110°	637.1	609.6	583.0	554.5	524.8	494.5	463.3	431.2	399.4	368.2	337.3



TEST NUMBER: P232069

CATALOG NUMBER: FVS4WM-3-LD4-35-2STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	625.0	598.0	571.2	545.2	515.4	484.5	454.1	423.0	391.8	360.7	330.7
115°	611.6	586.2	559.7	533.0	504.8	474.3	444.4	414.0	383.2	352.6	323.8
117.5°	597.4	572.0	546.3	520.2	493.4	463.7	433.5	404.0	372.8	343.1	315.5
120°	581.9	555.2	532.0	506.2	478.6	450.2	421.6	393.3	361.9	333.6	306.7
122.5°	563.0	539.5	517.7	490.4	463.0	436.1	409.3	381.5	351.3	323.7	297.2
125°	545.2	522.8	498.7	473.2	447.4	421.3	395.1	368.2	340.1	313.0	287.3
127.5°	525.2	503.2	479.8	455.7	431.3	405.4	379.8	354.1	327.7	301.0	276.6
130°	503.8	482.9	460.7	437.1	413.2	388.8	364.5	339.3	313.9	288.7	265.6
132.5°	481.2	461.1	439.8	418.6	394.7	372.2	348.6	322.9	298.8	275.6	253.8
135°	457.6	438.7	417.9	396.4	374.5	353.2	330.3	306.2	283.5	262.1	241.9
137.5°	433.0	414.5	395.0	374.3	353.9	333.8	311.8	289.7	267.5	248.0	229.5
140°	407.4	389.8	370.7	351.2	332.3	312.6	292.2	271.8	251.7	233.4	216.5
142.5°	380.1	363.2	345.6	327.8	311.2	291.0	272.0	253.3	235.2	217.4	201.8
145°	351.9	336.4	319.8	302.7	286.1	269.1	251.8	235.3	217.9	201.6	187.0
147.5°	323.6	308.6	292.8	277.6	263.0	247.4	231.0	215.2	199.8	185.6	172.2
150°	293.9	279.7	266.1	253.1	239.4	224.3	209.2	195.6	182.4	169.4	157.2
152.5°	263.4	251.6	239.9	228.0	214.4	200.3	188.2	176.0	163.8	151.8	141.0
155°	233.5	222.4	211.3	200.0	188.0	177.2	166.7	155.9	145.0	133.6	124.9
157.5°	201.5	192.1	182.5	172.5	163.3	154.1	144.5	135.2	125.6	116.6	109.8
160°	170.6	162.4	154.1	146.9	139.1	131.0	123.0	114.8	106.4	100.5	94.7
162.5°	140.8	134.2	128.3	122.1	115.5	108.6	101.4	94.0	88.6	83.7	78.6
165°	112.9	107.7	103.2	97.3	91.8	85.9	79.8	75.4	71.3	67.0	62.5
167.5°	84.7	81.3	77.5	73.5	69.2	65.3	61.9	58.4	54.8	51.0	48.7
170°	60.8	57.8	54.8	52.3	49.8	47.1	44.2	41.2	38.1	36.6	35.3
172.5°	38.7	37.2	35.6	33.9	32.0	30.1	28.0	27.0	26.2	25.2	24.3
175°	21.1	19.9	18.6	18.0	17.4	16.8	16.1	15.4	14.7	14.0	13.2
177.5°	10.3	10.0	9.7	9.5	9.2	8.8	8.5	8.2	7.8	7.4	7.1
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232069

CATALOG NUMBER: FVS4WM-3-LD4-35-2STD-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°	6.7	6.2	5.8	5.4	5.4	5.3	5.3	5.3	5.2	5.1	5.1
5°	12.4	11.6	10.8	9.9	9.8	9.7	9.6	9.5	9.3	9.1	9.0
7.5°	23.2	22.2	21.0	19.8	19.5	19.2	18.9	18.4	18.0	17.5	16.9
10°	34.1	32.7	31.2	29.7	29.2	28.6	28.0	27.3	26.5	25.8	25.2
12.5°	47.0	45.3	43.4	41.4	40.8	40.0	39.2	38.2	37.3	36.4	35.5
15°	60.2	58.0	55.6	53.1	52.3	51.4	50.4	49.4	48.3	47.2	46.0
17.5°	74.2	71.5	68.7	65.7	64.8	63.7	62.5	61.3	60.1	58.7	57.2
20°	88.6	85.2	81.8	78.2	77.2	76.0	74.7	73.4	72.0	70.5	68.5
22.5°	102.8	98.0	94.5	90.8	89.5	88.0	86.5	85.2	83.7	81.7	79.5
25°	117.0	110.6	107.1	103.4	101.8	100.0	98.4	96.9	95.2	93.0	90.5
27.5°	132.3	124.2	120.0	115.6	113.8	111.8	110.1	108.4	106.3	103.9	101.3
30°	147.7	138.0	133.0	127.7	125.8	123.6	121.7	119.6	117.3	114.8	112.0
32.5°	161.1	150.8	144.6	139.0	136.9	134.7	132.7	130.5	128.0	125.3	122.4
35°	174.2	163.4	156.3	150.2	148.0	145.7	143.6	141.3	138.7	135.6	132.2
37.5°	187.3	175.4	167.2	161.0	158.4	155.9	153.7	151.3	148.8	145.3	141.7
40°	200.5	187.4	178.0	171.8	168.8	166.1	163.8	161.3	158.4	154.9	150.8
42.5°	212.4	198.5	188.1	181.3	178.4	175.7	173.1	170.5	167.3	163.7	159.5
45°	224.3	209.6	198.2	190.7	188.0	185.2	182.3	179.6	175.9	171.9	167.9
47.5°	235.9	220.0	207.5	199.7	196.6	193.5	190.6	188.0	184.2	180.2	176.0
50°	247.3	230.5	216.8	208.6	205.1	201.9	199.0	196.2	192.5	188.3	183.5
52.5°	256.4	238.9	224.7	216.3	212.6	209.6	206.7	203.5	199.7	195.4	190.5
55°	265.3	247.0	232.7	223.9	220.1	217.4	214.3	210.6	206.4	201.9	197.1
57.5°	274.0	254.8	239.7	230.7	226.8	223.7	220.8	217.1	212.7	208.2	203.4
60°	282.4	262.4	246.7	237.4	233.4	230.0	227.1	223.5	219.0	214.3	209.2
62.5°	290.4	268.8	252.8	243.3	238.8	235.7	232.6	228.8	224.4	219.6	214.1
65°	298.3	275.1	258.8	249.1	244.2	241.3	238.0	233.9	229.4	224.4	218.7
67.5°	304.2	280.3	263.5	253.6	248.6	245.8	242.4	238.2	233.8	228.6	222.7
70°	309.6	285.4	268.2	258.1	253.0	250.2	246.8	242.5	238.0	232.3	226.5
72.5°	314.1	289.5	271.5	261.3	256.5	253.4	249.9	245.6	241.1	235.3	229.7
75°	318.3	293.6	275.2	264.4	260.0	256.5	252.9	248.5	244.0	238.1	232.5
77.5°	321.8	296.7	277.4	266.7	262.2	258.7	255.5	250.8	246.2	240.2	234.4
80°	325.2	300.4	279.7	268.9	264.5	260.9	258.1	252.9	248.3	242.2	235.9
82.5°	327.4	301.3	280.6	270.3	265.3	262.2	259.1	254.2	249.2	243.4	237.1
85°	328.3	302.2	281.5	271.6	266.2	263.5	259.9	255.4	250.1	244.6	238.3
87.5°	327.9	302.6	282.4	272.1	266.7	264.0	260.4	255.4	250.5	244.6	238.8
90°	327.4	303.1	283.3	272.5	267.1	264.4	260.8	255.4	250.9	244.6	239.2
92.5°	327.9	302.6	282.4	272.1	266.7	264.0	260.4	255.4	250.5	244.6	238.8
95°	328.3	302.2	281.5	271.6	266.2	263.5	259.9	255.4	250.1	244.6	238.3
97.5°	327.4	301.3	280.6	270.3	265.3	262.2	259.1	254.2	249.2	243.4	237.1
100°	325.2	300.4	279.7	268.9	264.5	260.9	258.1	252.9	248.3	242.2	235.9
102.5°	321.8	296.7	277.4	266.7	262.2	258.7	255.5	250.8	246.2	240.2	234.4
105°	318.3	293.6	275.2	264.4	260.0	256.5	252.9	248.5	244.0	238.1	232.5
107.5°	314.1	289.5	271.5	261.3	256.5	253.4	249.9	245.6	241.1	235.3	229.7
110°	309.6	285.4	268.2	258.1	253.0	250.2	246.8	242.5	238.0	232.3	226.5



TEST NUMBER: P232069

CATALOG NUMBER: FVS4WM-3-LD4-35-2STD-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°	304.2	280.3	263.5	253.6	248.6	245.8	242.4	238.2	233.8	228.6	222.7
115°	298.3	275.1	258.8	249.1	244.2	241.3	238.0	233.9	229.4	224.4	218.7
117.5°	290.4	268.8	252.8	243.3	238.8	235.7	232.6	228.8	224.4	219.6	214.1
120°	282.4	262.4	246.7	237.4	233.4	230.0	227.1	223.5	219.0	214.3	209.2
122.5°	274.0	254.8	239.7	230.6	226.8	223.7	220.8	217.1	212.7	208.2	203.4
125°	265.3	247.0	232.7	223.9	220.1	217.4	214.3	210.6	206.4	201.9	197.1
127.5°	256.4	238.9	224.7	216.3	212.6	209.6	206.7	203.5	199.7	195.4	190.5
130°	247.3	230.5	216.8	208.6	205.1	201.9	199.0	196.2	192.5	188.3	183.5
132.5°	235.9	220.0	207.5	199.7	196.6	193.5	190.6	188.0	184.2	180.2	176.0
135°	224.3	209.6	198.2	190.7	188.0	185.2	182.3	179.6	175.9	171.9	167.9
137.5°	212.4	198.5	188.1	181.3	178.4	175.7	173.1	170.5	167.3	163.7	159.5
140°	200.5	187.4	178.0	171.8	168.8	166.1	163.8	161.3	158.4	154.9	150.8
142.5°	187.3	175.4	167.2	161.0	158.4	155.9	153.7	151.3	148.8	145.3	141.7
145°	174.2	163.4	156.3	150.2	148.0	145.7	143.6	141.3	138.7	135.6	132.2
147.5°	161.1	150.8	144.6	139.0	136.9	134.7	132.7	130.5	128.0	125.3	122.4
150°	147.7	138.0	133.0	127.7	125.8	123.6	121.7	119.6	117.3	114.8	112.0
152.5°	132.3	124.2	120.0	115.6	113.8	111.8	110.1	108.4	106.3	103.9	101.3
155°	117.0	110.6	107.1	103.4	101.8	100.0	98.4	96.9	95.2	93.0	90.5
157.5°	102.8	98.0	94.5	90.8	89.5	88.0	86.5	85.2	83.7	81.7	79.5
160°	88.6	85.2	81.8	78.2	77.2	76.0	74.7	73.4	72.0	70.5	68.5
162.5°	74.2	71.5	68.7	65.7	64.8	63.7	62.5	61.3	60.1	58.7	57.2
165°	60.2	58.0	55.6	53.1	52.3	51.4	50.4	49.4	48.3	47.2	46.0
167.5°	47.0	45.3	43.4	41.4	40.8	40.0	39.2	38.2	37.3	36.4	35.5
170°	34.1	32.7	31.2	29.7	29.2	28.6	28.0	27.3	26.5	25.8	25.2
172.5°	23.2	22.2	21.0	19.8	19.5	19.2	18.9	18.4	18.0	17.5	16.9
175°	12.4	11.6	10.8	9.9	9.8	9.7	9.6	9.5	9.3	9.1	9.0
177.5°	6.7	6.2	5.8	5.4	5.4	5.3	5.3	5.3	5.2	5.1	5.1
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232069

CATALOG NUMBER: FVS4WM-3-LD4-35-2STD-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°	5.0	4.9	4.8	4.7	4.6	4.5	4.4	4.3	4.1	4.0	3.9
5°	8.8	8.6	8.4	8.2	7.9	7.7	7.4	7.2	6.9	6.6	6.4
7.5°	16.4	15.8	15.3	14.6	14.0	13.3	12.5	11.7	10.9	10.1	9.2
10°	24.5	23.8	23.1	22.2	21.4	20.5	19.5	18.5	17.5	16.5	15.4
12.5°	34.4	33.3	32.1	30.9	29.6	28.2	26.7	25.1	23.6	22.1	20.6
15°	44.7	43.4	42.1	40.6	39.0	37.1	35.0	32.9	30.7	28.5	26.4
17.5°	55.6	54.0	52.2	50.1	47.8	45.3	42.8	40.7	38.4	36.1	33.7
20°	66.5	64.4	62.2	59.8	57.2	54.6	52.0	49.3	46.6	43.5	40.6
22.5°	77.2	74.8	72.4	69.8	66.9	63.9	60.8	57.8	54.6	51.2	47.7
25°	88.0	85.3	82.5	79.4	76.2	72.9	69.6	66.2	62.5	58.6	54.6
27.5°	98.6	95.6	92.4	89.1	85.6	82.0	78.3	74.3	70.2	65.8	61.3
30°	109.1	105.7	102.1	98.4	94.6	90.7	86.7	82.4	77.7	72.9	68.1
32.5°	119.1	115.4	111.5	107.4	103.4	99.3	94.9	90.0	85.0	80.2	75.2
35°	128.6	124.7	120.6	116.3	112.2	107.8	102.9	97.7	92.2	86.9	81.5
37.5°	137.9	133.9	129.7	125.3	120.6	115.5	110.3	104.8	99.0	93.4	87.7
40°	146.6	142.5	138.1	133.4	128.4	123.1	117.9	112.1	105.8	99.8	93.9
42.5°	155.3	151.1	146.2	141.1	135.7	130.4	124.9	118.5	112.0	105.9	99.5
45°	163.5	158.8	153.8	148.4	143.0	137.5	131.2	124.7	118.5	111.8	105.2
47.5°	171.3	166.5	161.2	155.3	149.8	143.9	137.4	131.1	124.4	117.0	110.1
50°	178.3	173.4	167.8	162.1	156.6	150.3	143.5	136.4	129.1	122.3	115.6
52.5°	185.4	180.4	174.6	168.6	162.3	155.6	148.6	141.4	134.2	127.3	119.6
55°	191.9	186.4	180.6	174.4	167.7	160.8	153.7	146.3	139.0	131.5	123.8
57.5°	198.0	192.4	186.4	179.7	172.8	165.8	158.4	151.0	143.5	135.4	127.6
60°	203.5	197.4	191.1	184.4	177.7	170.7	163.0	155.1	147.1	139.1	131.2
62.5°	208.4	202.3	195.8	189.1	182.3	174.8	166.7	158.8	150.8	142.7	133.9
65°	212.7	206.7	200.2	193.2	186.2	178.4	170.5	162.6	154.2	145.2	136.4
67.5°	216.8	210.9	204.3	197.1	189.7	181.9	174.1	165.9	156.9	147.7	138.9
70°	220.6	214.0	206.9	199.7	192.4	184.9	177.2	168.9	159.7	150.2	140.9
72.5°	223.7	216.8	209.6	202.3	195.1	187.3	178.9	170.1	161.4	152.1	142.8
75°	226.3	219.3	212.1	204.4	196.9	189.2	180.5	171.7	163.0	153.9	144.3
77.5°	228.2	221.4	214.1	206.3	198.8	191.0	182.2	173.1	164.0	154.9	145.2
80°	229.6	223.2	215.5	207.9	200.2	191.6	183.1	174.2	164.8	155.7	145.9
82.5°	230.8	224.2	216.5	209.0	201.1	192.4	184.0	175.2	165.4	156.2	145.8
85°	232.0	224.9	217.6	209.6	201.6	193.4	184.5	175.5	165.7	156.0	145.9
87.5°	232.1	224.9	217.7	210.0	201.6	193.9	184.9	175.6	166.0	156.1	146.2
90°	232.0	224.8	217.6	210.4	201.5	194.3	185.3	175.4	166.4	156.5	146.6
92.5°	232.1	224.9	217.7	210.0	201.6	193.9	184.9	175.6	166.0	156.1	146.2
95°	232.0	224.9	217.6	209.6	201.6	193.4	184.5	175.5	165.7	156.0	145.9
97.5°	230.8	224.2	216.5	209.0	201.1	192.4	184.0	175.2	165.4	156.2	145.8
100°	229.6	223.2	215.5	207.9	200.2	191.6	183.1	174.2	164.8	155.7	145.9
102.5°	228.2	221.4	214.1	206.3	198.8	191.0	182.2	173.1	164.0	154.9	145.2
105°	226.3	219.3	212.1	204.4	196.9	189.2	180.5	171.7	163.0	153.9	144.3
107.5°	223.7	216.8	209.6	202.3	195.1	187.3	178.9	170.1	161.4	152.1	142.8
110°	220.6	214.0	206.9	199.7	192.4	184.9	177.2	168.9	159.7	150.2	140.9



TEST NUMBER: P232069

CATALOG NUMBER: FVS4WM-3-LD4-35-2STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	216.8	210.9	204.3	197.1	189.7	181.9	174.1	165.9	156.9	147.7	138.9
115°	212.7	206.7	200.2	193.2	186.2	178.4	170.5	162.6	154.2	145.2	136.4
117.5°	208.4	202.3	195.8	189.1	182.3	174.8	166.7	158.8	150.8	142.7	133.9
120°	203.5	197.4	191.1	184.4	177.7	170.7	163.0	155.1	147.1	139.1	131.2
122.5°	198.0	192.4	186.4	179.7	172.8	165.8	158.4	151.0	143.5	135.4	127.6
125°	191.9	186.4	180.6	174.4	167.7	160.8	153.7	146.3	139.0	131.5	123.8
127.5°	185.4	180.4	174.6	168.6	162.3	155.6	148.6	141.4	134.2	127.3	119.6
130°	178.3	173.4	167.8	162.1	156.6	150.3	143.5	136.4	129.1	122.3	115.6
132.5°	171.3	166.5	161.2	155.3	149.8	143.9	137.4	131.1	124.4	117.0	110.1
135°	163.5	158.8	153.8	148.4	143.0	137.5	131.2	124.7	118.5	111.8	105.2
137.5°	155.3	151.1	146.2	141.1	135.7	130.4	124.9	118.5	112.0	105.9	99.5
140°	146.6	142.5	138.1	133.4	128.4	123.1	117.9	112.1	105.8	99.8	93.9
142.5°	137.9	133.9	129.7	125.3	120.6	115.5	110.3	104.8	99.0	93.4	87.7
145°	128.6	124.7	120.6	116.3	112.2	107.8	102.9	97.7	92.2	86.9	81.5
147.5°	119.1	115.4	111.5	107.4	103.4	99.3	94.9	90.0	85.0	80.2	75.2
150°	109.1	105.7	102.1	98.4	94.6	90.7	86.7	82.4	77.7	72.9	68.1
152.5°	98.6	95.6	92.4	89.1	85.6	82.0	78.3	74.3	70.2	65.8	61.3
155°	88.0	85.3	82.5	79.4	76.2	72.9	69.6	66.2	62.5	58.6	54.6
157.5°	77.2	74.8	72.4	69.8	66.9	63.9	60.8	57.8	54.6	51.2	47.7
160°	66.5	64.4	62.2	59.8	57.2	54.6	52.0	49.3	46.6	43.5	40.6
162.5°	55.6	54.0	52.2	50.1	47.8	45.3	42.8	40.7	38.4	36.1	33.7
165°	44.7	43.4	42.1	40.6	39.0	37.1	35.0	32.9	30.7	28.5	26.4
167.5°	34.4	33.3	32.1	30.9	29.6	28.2	26.7	25.1	23.6	22.1	20.6
170°	24.5	23.8	23.1	22.2	21.4	20.5	19.5	18.5	17.5	16.5	15.4
172.5°	16.4	15.8	15.3	14.6	14.0	13.3	12.5	11.7	10.9	10.1	9.2
175°	8.8	8.6	8.4	8.2	7.9	7.7	7.4	7.2	6.9	6.6	6.4
177.5°	5.0	4.9	4.8	4.7	4.6	4.5	4.4	4.3	4.1	4.0	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: P232069

CATALOG NUMBER: FVS4WM-3-LD4-35-2STD-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°	3.7	3.6	3.4	3.3	3.1	3.0	2.8	2.6	2.5	2.3	2.1
5°	6.1	5.8	5.5	5.2	4.9	4.6	4.3	4.0	3.7	3.4	3.1
7.5°	8.1	7.9	7.5	7.1	6.7	6.3	5.9	5.5	5.1	4.6	4.2
10°	14.3	13.0	11.8	10.5	9.2	7.7	7.1	6.6	6.0	5.4	4.8
12.5°	19.1	17.5	16.0	14.4	12.8	11.2	9.6	7.9	6.5	5.8	5.2
15°	24.2	22.1	20.4	18.5	16.6	14.7	12.8	10.9	9.0	7.0	5.9
17.5°	31.1	28.4	25.7	22.9	20.5	18.4	16.2	13.9	11.6	9.3	7.0
20°	37.6	34.6	31.5	28.4	25.2	22.0	19.2	16.7	14.2	11.6	9.1
22.5°	44.1	40.5	37.0	33.6	30.1	26.5	23.0	19.4	16.5	13.6	10.7
25°	50.7	46.6	42.5	38.4	34.5	30.6	26.5	22.3	18.3	15.2	12.3
27.5°	56.9	52.5	48.0	43.6	39.1	34.6	30.3	25.9	21.5	16.8	13.9
30°	63.3	58.3	53.6	48.8	44.0	38.9	33.9	29.2	24.6	19.8	15.1
32.5°	69.8	64.6	59.3	53.7	48.6	43.1	37.4	31.5	26.6	21.7	16.8
35°	75.9	70.1	64.4	58.5	52.5	46.4	40.7	35.0	29.2	24.0	19.0
37.5°	81.7	75.5	69.0	62.8	56.7	50.8	44.8	38.4	32.1	26.2	20.8
40°	87.6	80.9	74.1	67.5	60.9	54.3	47.6	41.0	34.5	28.0	21.8
42.5°	92.9	86.0	78.9	71.9	64.8	57.8	50.9	44.0	37.2	30.4	23.6
45°	97.9	90.6	83.4	76.0	68.7	61.3	54.1	46.9	39.5	32.1	24.9
47.5°	102.8	95.5	88.0	80.1	72.3	64.6	57.1	49.6	41.7	33.6	26.4
50°	107.6	99.7	91.9	84.0	75.9	67.9	59.9	51.7	43.6	35.2	27.1
52.5°	111.6	103.4	95.6	87.5	79.3	70.6	61.9	53.4	45.0	36.4	28.0
55°	115.7	107.3	99.2	90.7	81.9	72.9	64.2	55.0	45.6	36.9	28.7
57.5°	119.2	110.6	102.3	93.4	84.7	75.4	66.1	56.2	46.7	37.7	29.3
60°	122.1	113.5	104.7	95.3	86.6	77.1	67.3	57.6	47.9	37.9	29.4
62.5°	124.9	116.1	106.7	97.8	88.7	78.7	68.3	58.0	48.3	38.6	30.0
65°	127.5	118.3	108.9	99.8	90.3	80.2	69.5	58.5	48.4	38.6	29.7
67.5°	129.8	120.5	110.5	101.1	91.5	81.6	70.3	59.7	48.8	39.1	29.9
70°	131.4	121.9	112.1	102.4	92.4	82.0	71.0	59.9	48.6	38.8	29.5
72.5°	132.5	123.4	113.5	103.4	93.6	83.2	72.4	60.1	49.3	38.6	28.8
75°	134.1	124.8	114.4	104.1	93.9	83.6	72.6	60.6	48.6	38.0	28.5
77.5°	135.2	125.3	114.8	104.5	94.1	83.7	73.0	62.1	49.4	37.8	27.8
80°	135.5	125.2	114.7	104.4	94.2	83.9	73.0	62.0	50.0	37.5	27.1
82.5°	135.6	125.1	114.7	104.3	93.6	82.8	72.0	61.2	50.5	38.5	26.6
85°	135.5	125.1	115.1	104.1	93.3	82.5	71.0	60.2	49.8	38.9	27.0
87.5°	135.4	125.3	115.2	103.9	92.9	82.2	70.5	59.7	48.3	37.5	26.8
90°	135.8	125.0	114.2	104.3	91.7	80.9	70.1	60.3	47.7	36.9	26.1
92.5°	135.4	125.3	115.2	103.9	92.9	82.2	70.5	59.7	48.3	37.5	26.8
95°	135.5	125.1	115.1	104.1	93.3	82.5	71.0	60.2	49.8	38.9	27.0
97.5°	135.6	125.1	114.7	104.3	93.6	82.8	72.0	61.2	50.5	38.5	26.6
100°	135.5	125.2	114.7	104.4	94.2	83.9	73.0	62.0	50.0	37.5	27.1
102.5°	135.2	125.3	114.8	104.5	94.1	83.7	73.0	62.1	49.4	37.8	27.8
105°	134.1	124.8	114.4	104.1	93.9	83.6	72.6	60.6	48.6	38.0	28.5
107.5°	132.5	123.4	113.5	103.4	93.6	83.2	72.4	60.1	49.3	38.6	28.8
110°	131.4	121.9	112.1	102.4	92.4	82.0	71.0	59.9	48.6	38.8	29.5



TEST NUMBER: P232069

CATALOG NUMBER: FVS4WM-3-LD4-35-2STD-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°	129.8	120.5	110.5	101.1	91.5	81.6	70.3	59.7	48.8	39.1	29.9
115°	127.5	118.3	108.9	99.8	90.3	80.2	69.5	58.5	48.4	38.6	29.7
117.5°	124.9	116.1	106.7	97.8	88.7	78.7	68.3	58.0	48.3	38.6	30.0
120°	122.1	113.5	104.7	95.3	86.6	77.1	67.3	57.6	47.9	37.9	29.4
122.5°	119.2	110.6	102.3	93.4	84.7	75.4	66.1	56.2	46.7	37.7	29.3
125°	115.7	107.3	99.2	90.7	81.9	72.9	64.2	55.0	45.6	36.9	28.7
127.5°	111.6	103.4	95.6	87.5	79.3	70.6	61.9	53.4	45.0	36.4	28.0
130°	107.6	99.7	91.9	84.0	75.9	67.9	59.9	51.7	43.6	35.2	27.1
132.5°	102.8	95.5	88.0	80.1	72.3	64.6	57.1	49.6	41.7	33.6	26.4
135°	97.9	90.6	83.4	76.0	68.7	61.3	54.1	46.9	39.5	32.1	24.9
137.5°	92.9	86.0	78.9	71.9	64.8	57.8	50.9	44.0	37.2	30.4	23.6
140°	87.6	80.9	74.1	67.5	60.9	54.3	47.6	41.0	34.5	28.0	21.8
142.5°	81.7	75.5	69.0	62.8	56.7	50.8	44.8	38.4	32.1	26.2	20.8
145°	75.9	70.1	64.4	58.5	52.5	46.4	40.7	35.0	29.2	24.0	19.0
147.5°	69.8	64.6	59.3	53.7	48.6	43.1	37.4	31.5	26.6	21.7	16.8
150°	63.3	58.3	53.6	48.8	44.0	38.9	33.9	29.2	24.6	19.8	15.1
152.5°	56.9	52.5	48.0	43.6	39.1	34.6	30.3	25.9	21.5	16.8	13.9
155°	50.7	46.6	42.5	38.4	34.5	30.6	26.5	22.3	18.3	15.2	12.3
157.5°	44.1	40.5	37.0	33.6	30.1	26.5	23.0	19.4	16.5	13.6	10.7
160°	37.6	34.6	31.5	28.4	25.2	22.0	19.2	16.7	14.2	11.6	9.1
162.5°	31.1	28.4	25.7	22.9	20.5	18.4	16.2	13.9	11.6	9.3	7.0
165°	24.2	22.1	20.4	18.5	16.6	14.7	12.8	10.9	9.0	7.0	5.9
167.5°	19.1	17.5	16.0	14.4	12.8	11.2	9.6	7.9	6.5	5.8	5.2
170°	14.3	13.0	11.8	10.5	9.2	7.7	7.1	6.6	6.0	5.4	4.8
172.5°	8.1	7.9	7.5	7.1	6.7	6.3	5.9	5.5	5.1	4.6	4.2
175°	6.1	5.8	5.5	5.2	4.9	4.6	4.3	4.0	3.7	3.4	3.1
177.5°	3.7	3.6	3.4	3.3	3.1	3.0	2.8	2.6	2.5	2.3	2.1
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232069

CATALOG NUMBER: FVS4WM-3-LD4-35-2STD-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	1.8	1.5	1.2	0.9	1.2	1.5	1.8	2.2
7.5°	3.7	3.3	2.8	2.3	1.8	1.4	0.9	1.4	1.8	2.3	2.8
10°	4.3	3.7	3.1	2.6	2.0	1.5	0.9	1.5	2.0	2.6	3.1
12.5°	4.5	3.9	3.3	2.7	2.1	1.5	0.9	1.5	2.1	2.7	3.3
15°	5.2	4.5	3.8	3.1	2.3	1.6	0.9	1.6	2.3	3.1	3.8
17.5°	5.3	4.5	3.8	3.0	2.3	1.6	0.9	1.6	2.3	3.0	3.8
20°	6.5	5.0	4.2	3.3	2.5	1.7	0.9	1.7	2.5	3.3	4.2
22.5°	7.9	5.0	4.0	3.2	2.4	1.6	0.9	1.6	2.4	3.2	4.0
25°	9.4	6.5	4.2	3.4	2.6	1.7	0.9	1.7	2.6	3.4	4.2
27.5°	10.7	7.5	4.2	3.1	2.3	1.6	0.9	1.6	2.3	3.1	4.2
30°	11.7	8.4	5.2	3.2	2.5	1.7	0.9	1.7	2.5	3.2	5.2
32.5°	12.6	9.2	5.7	2.7	2.1	1.5	0.9	1.5	2.1	2.7	5.7
35°	13.9	10.1	6.6	3.1	2.2	1.5	0.9	1.5	2.2	3.1	6.6
37.5°	15.3	10.5	6.8	3.2	1.6	1.3	0.9	1.3	1.6	3.2	6.8
40°	16.4	11.1	7.3	3.9	1.7	1.3	0.9	1.3	1.7	3.9	7.3
42.5°	17.6	11.9	7.4	4.2	1.7	1.3	0.9	1.3	1.7	4.2	7.4
45°	18.3	12.7	7.3	4.5	1.8	1.3	0.9	1.3	1.8	4.5	7.3
47.5°	19.5	13.4	8.1	4.4	1.5	0.9	0.9	0.9	1.5	4.4	8.1
50°	20.0	13.4	8.1	4.0	1.6	0.9	0.9	0.9	1.6	4.0	8.1
52.5°	20.5	13.6	8.2	3.6	1.7	0.9	0.9	0.9	1.7	3.6	8.2
55°	20.7	14.2	8.4	3.7	1.7	0.9	0.9	0.9	1.7	3.7	8.4
57.5°	21.5	14.7	8.5	4.3	1.9	0.9	0.9	0.9	1.9	4.3	8.5
60°	21.6	14.9	8.7	4.2	1.6	0.9	0.9	0.9	1.6	4.2	8.7
62.5°	21.8	14.5	8.3	3.8	1.7	0.9	0.9	0.9	1.7	3.8	8.3
65°	21.9	14.7	8.1	3.6	1.3	0.9	0.9	0.9	1.3	3.6	8.1
67.5°	21.9	14.5	8.2	3.8	1.3	0.9	0.9	0.9	1.3	3.8	8.2
70°	21.6	14.1	7.5	3.5	1.5	0.9	0.9	0.9	1.5	3.5	7.5
72.5°	21.0	13.8	7.6	3.3	1.2	0.9	0.9	0.9	1.2	3.3	7.6
75°	20.1	13.4	7.6	2.8	1.1	0.9	0.9	0.9	1.1	2.8	7.6
77.5°	19.0	11.7	6.4	2.3	0.4	0.1	0.0	0.1	0.4	2.3	6.4
80°	18.0	10.7	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5
82.5°	16.6	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	15.9	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	16.2	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	15.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	16.2	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	15.9	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	16.6	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	18.0	10.7	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5
102.5°	19.0	11.7	6.4	2.3	0.4	0.1	0.0	0.1	0.4	2.3	6.4
105°	20.1	13.4	7.6	2.8	1.1	0.9	0.9	0.9	1.1	2.8	7.6
107.5°	21.0	13.8	7.6	3.3	1.2	0.9	0.9	0.9	1.2	3.3	7.6
110°	21.6	14.1	7.5	3.5	1.5	0.9	0.9	0.9	1.5	3.5	7.5



TEST NUMBER: P232069

CATALOG NUMBER: FVS4WM-3-LD4-35-2STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	21.9	14.5	8.2	3.8	1.3	0.9	0.9	0.9	1.3	3.8	8.2
115°	21.9	14.7	8.1	3.6	1.3	0.9	0.9	0.9	1.3	3.6	8.1
117.5°	21.8	14.5	8.3	3.8	1.7	0.9	0.9	0.9	1.7	3.8	8.3
120°	21.6	14.9	8.7	4.2	1.6	0.9	0.9	0.9	1.6	4.2	8.7
122.5°	21.5	14.7	8.5	4.3	1.9	0.9	0.9	0.9	1.9	4.3	8.5
125°	20.7	14.2	8.4	3.7	1.7	0.9	0.9	0.9	1.7	3.7	8.4
127.5°	20.5	13.6	8.2	3.6	1.7	0.9	0.9	0.9	1.7	3.6	8.2
130°	20.0	13.4	8.1	4.0	1.6	0.9	0.9	0.9	1.6	4.0	8.1
132.5°	19.5	13.4	8.1	4.4	1.5	0.9	0.9	0.9	1.5	4.4	8.1
135°	18.3	12.7	7.3	4.5	1.8	1.3	0.9	1.3	1.8	4.5	7.3
137.5°	17.6	11.9	7.4	4.2	1.7	1.3	0.9	1.3	1.7	4.2	7.4
140°	16.4	11.1	7.3	3.9	1.7	1.3	0.9	1.3	1.7	3.9	7.3
142.5°	15.3	10.5	6.8	3.2	1.6	1.3	0.9	1.3	1.6	3.2	6.8
145°	13.9	10.1	6.6	3.1	2.2	1.5	0.9	1.5	2.2	3.1	6.6
147.5°	12.6	9.2	5.7	2.7	2.1	1.5	0.9	1.5	2.1	2.7	5.7
150°	11.7	8.4	5.2	3.2	2.5	1.7	0.9	1.7	2.5	3.2	5.2
152.5°	10.7	7.5	4.2	3.1	2.3	1.6	0.9	1.6	2.3	3.1	4.2
155°	9.4	6.5	4.2	3.4	2.6	1.7	0.9	1.7	2.6	3.4	4.2
157.5°	7.9	5.0	4.0	3.2	2.4	1.6	0.9	1.6	2.4	3.2	4.0
160°	6.5	5.0	4.2	3.3	2.5	1.7	0.9	1.7	2.5	3.3	4.2
162.5°	5.3	4.5	3.8	3.0	2.3	1.6	0.9	1.6	2.3	3.0	3.8
165°	5.2	4.5	3.8	3.1	2.3	1.6	0.9	1.6	2.3	3.1	3.8
167.5°	4.5	3.9	3.3	2.7	2.1	1.5	0.9	1.5	2.1	2.7	3.3
170°	4.3	3.7	3.1	2.6	2.0	1.5	0.9	1.5	2.0	2.6	3.1
172.5°	3.7	3.3	2.8	2.3	1.8	1.4	0.9	1.4	1.8	2.3	2.8
175°	2.8	2.5	2.2	1.8	1.5	1.2	0.9	1.2	1.5	1.8	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: P232069

CATALOG NUMBER: FVS4WM-3-LD4-35-2STD-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	2.1	2.3	2.5	2.6	2.8	3.0	3.1	3.3	3.4
5°	2.5	2.8	3.1	3.4	3.7	4.0	4.3	4.6	4.9	5.2	5.5
7.5°	3.3	3.7	4.2	4.6	5.1	5.5	5.9	6.3	6.7	7.1	7.5
10°	3.7	4.3	4.8	5.4	6.0	6.6	7.1	7.7	9.2	10.5	11.8
12.5°	3.9	4.5	5.2	5.8	6.5	7.9	9.6	11.2	12.8	14.4	16.0
15°	4.5	5.2	5.9	7.0	9.0	10.9	12.8	14.7	16.6	18.5	20.4
17.5°	4.5	5.3	7.0	9.3	11.6	13.9	16.2	18.4	20.5	22.9	25.7
20°	5.0	6.5	9.1	11.6	14.2	16.7	19.2	22.0	25.2	28.4	31.5
22.5°	5.0	7.9	10.7	13.6	16.5	19.4	23.0	26.5	30.1	33.6	37.0
25°	6.5	9.4	12.3	15.2	18.3	22.3	26.5	30.6	34.5	38.4	42.5
27.5°	7.5	10.7	13.9	16.8	21.5	25.9	30.3	34.6	39.1	43.6	48.0
30°	8.4	11.7	15.1	19.8	24.6	29.2	33.9	38.9	44.0	48.8	53.6
32.5°	9.2	12.6	16.8	21.7	26.6	31.5	37.4	43.1	48.6	53.7	59.3
35°	10.1	13.9	19.0	24.0	29.2	35.0	40.7	46.4	52.5	58.5	64.4
37.5°	10.5	15.3	20.8	26.2	32.1	38.4	44.8	50.8	56.7	62.8	69.0
40°	11.1	16.4	21.8	28.0	34.5	41.0	47.6	54.3	60.9	67.5	74.1
42.5°	11.9	17.6	23.6	30.4	37.2	44.0	50.9	57.8	64.8	71.9	78.9
45°	12.7	18.3	24.9	32.1	39.5	46.9	54.1	61.3	68.7	76.0	83.4
47.5°	13.4	19.5	26.4	33.6	41.7	49.6	57.1	64.6	72.3	80.1	88.0
50°	13.4	20.0	27.1	35.2	43.6	51.7	59.9	67.9	75.9	84.0	91.9
52.5°	13.6	20.5	28.0	36.4	45.0	53.4	61.9	70.6	79.3	87.5	95.6
55°	14.2	20.7	28.7	36.9	45.6	55.0	64.2	72.9	81.9	90.7	99.2
57.5°	14.7	21.5	29.3	37.7	46.7	56.2	66.1	75.4	84.7	93.4	102.3
60°	14.9	21.6	29.4	37.9	47.9	57.6	67.3	77.1	86.6	95.3	104.7
62.5°	14.5	21.8	30.0	38.6	48.3	58.0	68.3	78.7	88.7	97.8	106.7
65°	14.7	21.9	29.7	38.6	48.4	58.5	69.5	80.2	90.3	99.8	108.9
67.5°	14.5	21.9	29.9	39.1	48.8	59.7	70.3	81.6	91.5	101.1	110.5
70°	14.1	21.6	29.5	38.8	48.6	59.9	71.0	82.0	92.4	102.4	112.1
72.5°	13.8	21.0	28.8	38.6	49.3	60.1	72.4	83.2	93.6	103.4	113.5
75°	13.4	20.1	28.5	38.0	48.6	60.6	72.6	83.6	93.9	104.1	114.4
77.5°	11.7	19.0	27.8	37.8	49.4	62.1	73.0	83.7	94.1	104.5	114.8
80°	10.7	18.0	27.1	37.5	50.0	62.0	73.0	83.9	94.2	104.4	114.7
82.5°	7.9	16.6	26.6	38.5	50.5	61.2	72.0	82.8	93.6	104.3	114.7
85°	4.6	15.9	27.0	38.9	49.8	60.2	71.0	82.5	93.3	104.1	115.1
87.5°	1.4	16.2	26.8	37.5	48.3	59.7	70.5	82.2	92.9	103.9	115.2
90°	0.0	15.3	26.1	36.9	47.7	60.3	70.1	80.9	91.7	104.3	114.2
92.5°	1.4	16.2	26.8	37.5	48.3	59.7	70.5	82.2	92.9	103.9	115.2
95°	4.6	15.9	27.0	38.9	49.8	60.2	71.0	82.5	93.3	104.1	115.1
97.5°	7.9	16.6	26.6	38.5	50.5	61.2	72.0	82.8	93.6	104.3	114.7
100°	10.7	18.0	27.1	37.5	50.0	62.0	73.0	83.9	94.2	104.4	114.7
102.5°	11.7	19.0	27.8	37.8	49.4	62.1	73.0	83.7	94.1	104.5	114.8
105°	13.4	20.1	28.5	38.0	48.6	60.6	72.6	83.6	93.9	104.1	114.4
107.5°	13.8	21.0	28.8	38.6	49.3	60.1	72.4	83.2	93.6	103.4	113.5
110°	14.1	21.6	29.5	38.8	48.6	59.9	71.0	82.0	92.4	102.4	112.1



TEST NUMBER: P232069

CATALOG NUMBER: FVS4WM-3-LD4-35-2STD-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°	14.5	21.9	29.9	39.1	48.8	59.7	70.3	81.6	91.5	101.1	110.5
115°	14.7	21.9	29.7	38.6	48.4	58.5	69.5	80.2	90.3	99.8	108.9
117.5°	14.5	21.8	30.0	38.6	48.3	58.0	68.3	78.7	88.7	97.8	106.7
120°	14.9	21.6	29.4	37.9	47.9	57.6	67.3	77.1	86.6	95.3	104.7
122.5°	14.7	21.5	29.3	37.7	46.7	56.2	66.1	75.4	84.7	93.4	102.3
125°	14.2	20.7	28.7	36.9	45.6	55.0	64.2	72.9	81.9	90.7	99.2
127.5°	13.6	20.5	28.0	36.4	45.0	53.4	61.9	70.6	79.3	87.5	95.6
130°	13.4	20.0	27.1	35.2	43.6	51.7	59.9	67.9	75.9	84.0	91.9
132.5°	13.4	19.5	26.4	33.6	41.7	49.6	57.1	64.6	72.3	80.1	88.0
135°	12.7	18.3	24.9	32.1	39.5	46.9	54.1	61.3	68.7	76.0	83.4
137.5°	11.9	17.6	23.6	30.4	37.2	44.0	50.9	57.8	64.8	71.9	78.9
140°	11.1	16.4	21.8	28.0	34.5	41.0	47.6	54.3	60.9	67.5	74.1
142.5°	10.5	15.3	20.8	26.2	32.1	38.4	44.8	50.8	56.7	62.8	69.0
145°	10.1	13.9	19.0	24.0	29.2	35.0	40.7	46.4	52.5	58.5	64.4
147.5°	9.2	12.6	16.8	21.7	26.6	31.5	37.4	43.1	48.6	53.7	59.3
150°	8.4	11.7	15.1	19.8	24.6	29.2	33.9	38.9	44.0	48.8	53.6
152.5°	7.5	10.7	13.9	16.8	21.5	25.9	30.3	34.6	39.1	43.6	48.0
155°	6.5	9.4	12.3	15.2	18.3	22.3	26.5	30.6	34.5	38.4	42.5
157.5°	5.0	7.9	10.7	13.6	16.5	19.4	23.0	26.5	30.1	33.6	37.0
160°	5.0	6.5	9.1	11.6	14.2	16.7	19.2	22.0	25.2	28.4	31.5
162.5°	4.5	5.3	7.0	9.3	11.6	13.9	16.2	18.4	20.5	22.9	25.7
165°	4.5	5.2	5.9	7.0	9.0	10.9	12.8	14.7	16.6	18.5	20.4
167.5°	3.9	4.5	5.2	5.8	6.5	7.9	9.6	11.2	12.8	14.4	16.0
170°	3.7	4.3	4.8	5.4	6.0	6.6	7.1	7.7	9.2	10.5	11.8
172.5°	3.3	3.7	4.2	4.6	5.1	5.5	5.9	6.3	6.7	7.1	7.5
175°	2.5	2.8	3.1	3.4	3.7	4.0	4.3	4.6	4.9	5.2	5.5
177.5°	1.8	2.0	2.1	2.3	2.5	2.6	2.8	3.0	3.1	3.3	3.4
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232069

CATALOG NUMBER: FVS4WM-3-LD4-35-2STD-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	3.7	3.9	4.0	4.1	4.3	4.4	4.5	4.6	4.7	4.8
5°	5.8	6.1	6.4	6.6	6.9	7.2	7.4	7.7	7.9	8.2	8.4
7.5°	7.9	8.1	9.2	10.1	10.9	11.7	12.5	13.3	14.0	14.6	15.3
10°	13.0	14.3	15.4	16.5	17.5	18.5	19.5	20.5	21.4	22.2	23.1
12.5°	17.5	19.1	20.6	22.1	23.6	25.1	26.7	28.2	29.6	30.9	32.1
15°	22.1	24.2	26.4	28.5	30.7	32.9	35.0	37.1	39.0	40.6	42.1
17.5°	28.4	31.1	33.7	36.1	38.4	40.7	42.8	45.3	47.8	50.1	52.2
20°	34.6	37.6	40.6	43.5	46.6	49.3	52.0	54.6	57.2	59.8	62.2
22.5°	40.5	44.1	47.7	51.2	54.6	57.8	60.8	63.9	66.9	69.8	72.4
25°	46.6	50.7	54.6	58.6	62.5	66.2	69.6	72.9	76.2	79.4	82.5
27.5°	52.5	56.9	61.3	65.8	70.2	74.3	78.3	82.0	85.6	89.1	92.4
30°	58.3	63.3	68.1	72.9	77.7	82.4	86.7	90.7	94.6	98.4	102.1
32.5°	64.6	69.8	75.2	80.2	85.0	90.0	94.9	99.3	103.4	107.4	111.5
35°	70.1	75.9	81.5	86.9	92.2	97.7	102.9	107.8	112.2	116.3	120.6
37.5°	75.5	81.7	87.7	93.4	99.0	104.8	110.3	115.5	120.6	125.3	129.7
40°	80.9	87.6	93.9	99.8	105.8	112.1	117.9	123.1	128.4	133.4	138.1
42.5°	86.0	92.9	99.5	105.9	112.0	118.5	124.9	130.4	135.7	141.1	146.2
45°	90.6	97.9	105.2	111.8	118.5	124.7	131.2	137.5	143.0	148.4	153.8
47.5°	95.5	102.8	110.1	117.0	124.4	131.1	137.4	143.9	149.8	155.3	161.2
50°	99.7	107.6	115.6	122.3	129.1	136.4	143.5	150.3	156.6	162.1	167.8
52.5°	103.4	111.6	119.6	127.3	134.2	141.4	148.6	155.6	162.3	168.6	174.6
55°	107.3	115.7	123.8	131.5	139.0	146.3	153.7	160.8	167.7	174.4	180.6
57.5°	110.6	119.2	127.6	135.4	143.5	151.0	158.4	165.8	172.8	179.7	186.4
60°	113.5	122.1	131.2	139.1	147.1	155.1	163.0	170.7	177.7	184.4	191.1
62.5°	116.1	124.9	133.9	142.7	150.8	158.8	166.7	174.8	182.3	189.1	195.8
65°	118.3	127.5	136.4	145.2	154.2	162.6	170.5	178.4	186.2	193.2	200.2
67.5°	120.5	129.8	138.9	147.7	156.9	165.9	174.1	181.9	189.7	197.1	204.3
70°	121.9	131.4	140.9	150.2	159.7	168.9	177.2	184.9	192.4	199.7	206.9
72.5°	123.4	132.5	142.8	152.1	161.4	170.1	178.9	187.3	195.1	202.3	209.6
75°	124.8	134.1	144.3	153.9	163.0	171.7	180.5	189.2	196.9	204.4	212.1
77.5°	125.3	135.2	145.2	154.9	164.0	173.1	182.2	191.0	198.8	206.3	214.1
80°	125.2	135.5	145.9	155.7	164.8	174.2	183.1	191.6	200.2	207.9	215.5
82.5°	125.1	135.6	145.8	156.2	165.4	175.2	184.0	192.4	201.1	209.0	216.5
85°	125.1	135.5	145.9	156.0	165.7	175.5	184.5	193.4	201.6	209.6	217.6
87.5°	125.3	135.4	146.2	156.1	166.0	175.6	184.9	193.9	201.6	210.0	217.7
90°	125.0	135.8	146.6	156.5	166.4	175.4	185.3	194.3	201.5	210.4	217.6
92.5°	125.3	135.4	146.2	156.1	166.0	175.6	184.9	193.9	201.6	210.0	217.7
95°	125.1	135.5	145.9	156.0	165.7	175.5	184.5	193.4	201.6	209.6	217.6
97.5°	125.1	135.6	145.8	156.2	165.4	175.2	184.0	192.4	201.1	209.0	216.5
100°	125.2	135.5	145.9	155.7	164.8	174.2	183.1	191.6	200.2	207.9	215.5
102.5°	125.3	135.2	145.2	154.9	164.0	173.1	182.2	191.0	198.8	206.3	214.1
105°	124.8	134.1	144.3	153.9	163.0	171.7	180.5	189.2	196.9	204.4	212.1
107.5°	123.4	132.5	142.8	152.1	161.4	170.1	178.9	187.3	195.1	202.3	209.6
110°	121.9	131.4	140.9	150.2	159.7	168.9	177.2	184.9	192.4	199.7	206.9



TEST NUMBER: P232069

CATALOG NUMBER: FVS4WM-3-LD4-35-2STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	120.5	129.8	138.9	147.7	156.9	165.9	174.1	181.9	189.7	197.1	204.3
115°	118.3	127.5	136.4	145.2	154.2	162.6	170.5	178.4	186.2	193.2	200.2
117.5°	116.1	124.9	133.9	142.7	150.8	158.8	166.7	174.8	182.3	189.1	195.8
120°	113.5	122.1	131.2	139.1	147.1	155.1	163.0	170.7	177.7	184.4	191.1
122.5°	110.6	119.2	127.6	135.4	143.5	151.0	158.4	165.8	172.8	179.7	186.4
125°	107.3	115.7	123.8	131.5	139.0	146.3	153.7	160.8	167.7	174.4	180.6
127.5°	103.4	111.6	119.6	127.3	134.2	141.4	148.6	155.6	162.3	168.6	174.6
130°	99.7	107.6	115.6	122.3	129.1	136.4	143.5	150.3	156.6	162.1	167.8
132.5°	95.5	102.8	110.1	117.0	124.4	131.1	137.4	143.9	149.8	155.3	161.2
135°	90.6	97.9	105.2	111.8	118.5	124.7	131.2	137.5	143.0	148.4	153.8
137.5°	86.0	92.9	99.5	105.9	112.0	118.5	124.9	130.4	135.7	141.1	146.2
140°	80.9	87.6	93.9	99.8	105.8	112.1	117.9	123.1	128.4	133.4	138.1
142.5°	75.5	81.7	87.7	93.4	99.0	104.8	110.3	115.5	120.6	125.3	129.7
145°	70.1	75.9	81.5	86.9	92.2	97.7	102.9	107.8	112.2	116.3	120.6
147.5°	64.6	69.8	75.2	80.2	85.0	90.0	94.9	99.3	103.4	107.4	111.5
150°	58.3	63.3	68.1	72.9	77.7	82.4	86.7	90.7	94.6	98.4	102.1
152.5°	52.5	56.9	61.3	65.8	70.2	74.3	78.3	82.0	85.6	89.1	92.4
155°	46.6	50.7	54.6	58.6	62.5	66.2	69.6	72.9	76.2	79.4	82.5
157.5°	40.5	44.1	47.7	51.2	54.6	57.8	60.8	63.9	66.9	69.8	72.4
160°	34.6	37.6	40.6	43.5	46.6	49.3	52.0	54.6	57.2	59.8	62.2
162.5°	28.4	31.1	33.7	36.1	38.4	40.7	42.8	45.3	47.8	50.1	52.2
165°	22.1	24.2	26.4	28.5	30.7	32.9	35.0	37.1	39.0	40.6	42.1
167.5°	17.5	19.1	20.6	22.1	23.6	25.1	26.7	28.2	29.6	30.9	32.1
170°	13.0	14.3	15.4	16.5	17.5	18.5	19.5	20.5	21.4	22.2	23.1
172.5°	7.9	8.1	9.2	10.1	10.9	11.7	12.5	13.3	14.0	14.6	15.3
175°	5.8	6.1	6.4	6.6	6.9	7.2	7.4	7.7	7.9	8.2	8.4
177.5°	3.6	3.7	3.9	4.0	4.1	4.3	4.4	4.5	4.6	4.7	4.8
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: P232069

CATALOG NUMBER: FVS4WM-3-LD4-35-2STD-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°	4.9	5.0	5.1	5.1	5.2	5.3	5.3	5.3	5.4	5.4	5.8
5°	8.6	8.8	9.0	9.1	9.3	9.5	9.6	9.7	9.8	9.9	10.8
7.5°	15.8	16.4	16.9	17.5	18.0	18.4	18.9	19.2	19.5	19.8	21.0
10°	23.8	24.5	25.2	25.8	26.5	27.3	28.0	28.6	29.2	29.7	31.2
12.5°	33.3	34.4	35.5	36.4	37.3	38.2	39.2	40.0	40.8	41.4	43.4
15°	43.4	44.7	46.0	47.2	48.3	49.4	50.4	51.4	52.3	53.1	55.6
17.5°	54.0	55.6	57.2	58.7	60.1	61.3	62.5	63.7	64.8	65.7	68.7
20°	64.4	66.5	68.5	70.5	72.0	73.4	74.7	76.0	77.2	78.2	81.8
22.5°	74.8	77.2	79.5	81.7	83.7	85.2	86.5	88.0	89.5	90.8	94.5
25°	85.3	88.0	90.5	93.0	95.2	96.9	98.4	100.0	101.8	103.4	107.1
27.5°	95.6	98.6	101.3	103.9	106.3	108.4	110.1	111.8	113.8	115.6	120.0
30°	105.7	109.1	112.0	114.8	117.3	119.6	121.7	123.6	125.8	127.7	133.0
32.5°	115.4	119.1	122.4	125.3	128.0	130.5	132.7	134.7	136.9	139.0	144.6
35°	124.7	128.6	132.2	135.6	138.7	141.3	143.6	145.7	148.0	150.2	156.3
37.5°	133.9	137.9	141.7	145.3	148.8	151.3	153.7	155.9	158.4	161.0	167.2
40°	142.5	146.6	150.8	154.9	158.4	161.3	163.8	166.1	168.8	171.8	178.0
42.5°	151.1	155.3	159.5	163.7	167.3	170.5	173.1	175.7	178.4	181.3	188.1
45°	158.8	163.5	167.9	171.9	175.9	179.6	182.3	185.2	188.0	190.7	198.2
47.5°	166.5	171.3	176.0	180.2	184.2	188.0	190.6	193.5	196.6	199.7	207.5
50°	173.4	178.3	183.5	188.3	192.5	196.2	199.0	201.9	205.1	208.6	216.8
52.5°	180.4	185.4	190.5	195.4	199.7	203.5	206.7	209.6	212.6	216.3	224.7
55°	186.4	191.9	197.1	201.9	206.4	210.6	214.3	217.4	220.1	223.9	232.7
57.5°	192.4	198.0	203.4	208.2	212.7	217.1	220.8	223.7	226.8	230.7	239.7
60°	197.4	203.5	209.2	214.3	219.0	223.5	227.1	230.0	233.4	237.4	246.7
62.5°	202.3	208.4	214.1	219.6	224.4	228.8	232.6	235.7	238.8	243.3	252.8
65°	206.7	212.7	218.7	224.4	229.4	233.9	238.0	241.3	244.2	249.1	258.8
67.5°	210.9	216.8	222.7	228.6	233.8	238.2	242.4	245.8	248.6	253.6	263.5
70°	214.0	220.6	226.5	232.3	238.0	242.5	246.8	250.2	253.0	258.1	268.2
72.5°	216.8	223.7	229.7	235.3	241.1	245.6	249.9	253.4	256.5	261.3	271.5
75°	219.3	226.3	232.5	238.1	244.0	248.5	252.9	256.5	260.0	264.4	275.2
77.5°	221.4	228.2	234.4	240.2	246.2	250.8	255.5	258.7	262.2	266.7	277.4
80°	223.2	229.6	235.9	242.2	248.3	252.9	258.1	260.9	264.5	268.9	279.7
82.5°	224.2	230.8	237.1	243.4	249.2	254.2	259.1	262.2	265.3	270.3	280.6
85°	224.9	232.0	238.3	244.6	250.1	255.4	259.9	263.5	266.2	271.6	281.5
87.5°	224.9	232.1	238.8	244.6	250.5	255.4	260.4	264.0	266.7	272.1	282.4
90°	224.8	232.0	239.2	244.6	250.9	255.4	260.8	264.4	267.1	272.5	283.3
92.5°	224.9	232.1	238.8	244.6	250.5	255.4	260.4	264.0	266.7	272.1	282.4
95°	224.9	232.0	238.3	244.6	250.1	255.4	259.9	263.5	266.2	271.6	281.5
97.5°	224.2	230.8	237.1	243.4	249.2	254.2	259.1	262.2	265.3	270.3	280.6
100°	223.2	229.6	235.9	242.2	248.3	252.9	258.1	260.9	264.5	268.9	279.7
102.5°	221.4	228.2	234.4	240.2	246.2	250.8	255.5	258.7	262.2	266.7	277.4
105°	219.3	226.3	232.5	238.1	244.0	248.5	252.9	256.5	260.0	264.4	275.2
107.5°	216.8	223.7	229.7	235.3	241.1	245.6	249.9	253.4	256.5	261.3	271.5
110°	214.0	220.6	226.5	232.3	238.0	242.5	246.8	250.2	253.0	258.1	268.2



TEST NUMBER: P232069

CATALOG NUMBER: FVS4WM-3-LD4-35-2STD-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°	210.9	216.8	222.7	228.6	233.8	238.2	242.4	245.8	248.6	253.6	263.5
115°	206.7	212.7	218.7	224.4	229.4	233.9	238.0	241.3	244.2	249.1	258.8
117.5°	202.3	208.4	214.1	219.6	224.4	228.8	232.6	235.7	238.8	243.3	252.8
120°	197.4	203.5	209.2	214.3	219.0	223.5	227.1	230.0	233.4	237.4	246.7
122.5°	192.4	198.0	203.4	208.2	212.7	217.1	220.8	223.7	226.8	230.7	239.7
125°	186.4	191.9	197.1	201.9	206.4	210.6	214.3	217.4	220.1	223.9	232.7
127.5°	180.4	185.4	190.5	195.4	199.7	203.5	206.7	209.6	212.6	216.3	224.7
130°	173.4	178.3	183.5	188.3	192.5	196.2	199.0	201.9	205.1	208.6	216.8
132.5°	166.5	171.3	176.0	180.2	184.2	188.0	190.6	193.5	196.6	199.7	207.5
135°	158.8	163.5	167.9	171.9	175.9	179.6	182.3	185.2	188.0	190.7	198.2
137.5°	151.1	155.3	159.5	163.7	167.3	170.5	173.1	175.7	178.4	181.3	188.1
140°	142.5	146.6	150.8	154.9	158.4	161.3	163.8	166.1	168.8	171.8	178.0
142.5°	133.9	137.9	141.7	145.3	148.8	151.3	153.7	155.9	158.4	161.0	167.2
145°	124.7	128.6	132.2	135.6	138.7	141.3	143.6	145.7	148.0	150.2	156.3
147.5°	115.4	119.1	122.4	125.3	128.0	130.5	132.7	134.7	136.9	139.0	144.6
150°	105.7	109.1	112.0	114.8	117.3	119.6	121.7	123.6	125.8	127.7	133.0
152.5°	95.6	98.6	101.3	103.9	106.3	108.4	110.1	111.8	113.8	115.6	120.0
155°	85.3	88.0	90.5	93.0	95.2	96.9	98.4	100.0	101.8	103.4	107.1
157.5°	74.8	77.2	79.5	81.7	83.7	85.2	86.5	88.0	89.5	90.8	94.5
160°	64.4	66.5	68.5	70.5	72.0	73.4	74.7	76.0	77.2	78.2	81.8
162.5°	54.0	55.6	57.2	58.7	60.1	61.3	62.5	63.7	64.8	65.7	68.7
165°	43.4	44.7	46.0	47.2	48.3	49.4	50.4	51.4	52.3	53.1	55.6
167.5°	33.3	34.4	35.5	36.4	37.3	38.2	39.2	40.0	40.8	41.4	43.4
170°	23.8	24.5	25.2	25.8	26.5	27.3	28.0	28.6	29.2	29.7	31.2
172.5°	15.8	16.4	16.9	17.5	18.0	18.4	18.9	19.2	19.5	19.8	21.0
175°	8.6	8.8	9.0	9.1	9.3	9.5	9.6	9.7	9.8	9.9	10.8
177.5°	4.9	5.0	5.1	5.1	5.2	5.3	5.3	5.3	5.4	5.4	5.8
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: P232069

CATALOG NUMBER: FVS4WM-3-LD4-35-2STD-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°	6.2	6.7	7.1	7.4	7.8	8.2	8.5	8.8	9.2	9.5	9.7
5°	11.6	12.4	13.2	14.0	14.7	15.4	16.1	16.8	17.4	18.0	18.6
7.5°	22.2	23.2	24.3	25.2	26.2	27.0	28.0	30.1	32.0	33.9	35.6
10°	32.7	34.1	35.3	36.6	38.1	41.2	44.2	47.1	49.8	52.3	54.8
12.5°	45.3	47.0	48.7	51.0	54.8	58.4	61.9	65.3	69.2	73.5	77.5
15°	58.0	60.2	62.5	67.0	71.3	75.4	79.8	85.9	91.8	97.3	103.2
17.5°	71.5	74.2	78.6	83.7	88.6	94.0	101.4	108.6	115.5	122.1	128.3
20°	85.2	88.6	94.7	100.5	106.4	114.8	123.0	131.0	139.1	146.9	154.1
22.5°	98.0	102.8	109.8	116.6	125.6	135.2	144.5	154.1	163.3	172.5	182.5
25°	110.6	117.0	124.9	133.6	145.0	155.9	166.7	177.2	188.0	200.0	211.3
27.5°	124.2	132.3	141.0	151.8	163.8	176.0	188.2	200.3	214.4	228.0	239.9
30°	138.0	147.7	157.2	169.4	182.4	195.6	209.2	224.3	239.4	253.1	266.1
32.5°	150.8	161.1	172.2	185.6	199.8	215.2	231.0	247.4	263.0	277.6	292.8
35°	163.4	174.2	187.0	201.6	217.9	235.3	251.8	269.1	286.1	302.7	319.8
37.5°	175.4	187.3	201.8	217.4	235.2	253.3	272.0	291.0	311.2	327.8	345.6
40°	187.4	200.5	216.5	233.4	251.7	271.8	292.2	312.6	332.3	351.2	370.7
42.5°	198.5	212.4	229.5	248.0	267.5	289.7	311.8	333.8	353.9	374.3	395.0
45°	209.6	224.3	241.9	262.1	283.5	306.2	330.3	353.2	374.5	396.4	417.9
47.5°	220.0	235.9	253.8	275.6	298.8	322.9	348.6	372.2	394.7	418.6	439.8
50°	230.5	247.3	265.6	288.7	313.9	339.3	364.5	388.8	413.2	437.1	460.7
52.5°	238.9	256.4	276.6	301.0	327.7	354.1	379.8	405.4	431.3	455.7	479.8
55°	247.0	265.3	287.3	313.0	340.1	368.2	395.1	421.3	447.4	473.2	498.7
57.5°	254.8	274.0	297.2	323.7	351.3	381.5	409.3	436.1	463.0	490.4	517.7
60°	262.4	282.4	306.7	333.6	361.9	393.3	421.6	450.2	478.6	506.2	532.0
62.5°	268.8	290.4	315.5	343.1	372.8	404.0	433.5	463.7	493.4	520.2	546.3
65°	275.1	298.3	323.8	352.6	383.2	414.0	444.4	474.3	504.8	533.0	559.7
67.5°	280.3	304.2	330.7	360.7	391.8	423.0	454.1	484.5	515.4	545.2	571.2
70°	285.4	309.6	337.3	368.2	399.4	431.2	463.3	494.5	524.8	554.5	583.0
72.5°	289.5	314.1	342.1	373.7	406.2	438.5	470.9	503.0	533.4	564.0	594.0
75°	293.6	318.3	346.4	378.6	412.6	445.1	477.1	510.3	541.4	571.5	601.0
77.5°	296.7	321.8	350.4	383.2	416.9	449.8	482.6	516.3	547.4	577.5	607.5
80°	300.4	325.2	354.1	387.4	420.3	453.7	487.7	520.8	551.3	582.4	612.6
82.5°	301.3	327.4	357.8	389.7	423.0	456.1	491.3	523.5	554.8	586.1	616.4
85°	302.2	328.3	359.6	392.1	426.2	458.7	495.3	526.1	557.8	588.5	618.8
87.5°	302.6	327.9	358.8	392.1	427.2	459.6	495.1	526.9	559.0	591.2	620.5
90°	303.1	327.4	357.9	392.1	428.1	460.5	494.6	527.9	558.5	592.7	620.5
92.5°	302.6	327.9	358.8	392.1	427.2	459.6	495.1	526.9	559.0	591.2	620.5
95°	302.2	328.3	359.6	392.1	426.2	458.7	495.3	526.1	557.8	588.5	618.8
97.5°	301.3	327.4	357.8	389.7	423.0	456.1	491.3	523.5	554.8	586.1	616.4
100°	300.4	325.2	354.1	387.4	420.3	453.7	487.7	520.8	551.3	582.4	612.6
102.5°	296.7	321.8	350.4	383.2	416.9	449.8	482.6	516.3	547.4	577.5	607.5
105°	293.6	318.3	346.4	378.6	412.6	445.1	477.1	510.3	541.4	571.5	601.0
107.5°	289.5	314.1	342.1	373.7	406.2	438.5	470.9	503.0	533.4	564.0	594.0
110°	285.4	309.6	337.3	368.2	399.4	431.2	463.3	494.5	524.8	554.5	583.0



TEST NUMBER: P232069

CATALOG NUMBER: FVS4WM-3-LD4-35-2STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	280.3	304.2	330.7	360.7	391.8	423.0	454.1	484.5	515.4	545.2	571.2
115°	275.1	298.3	323.8	352.6	383.2	414.0	444.4	474.3	504.8	533.0	559.7
117.5°	268.8	290.4	315.5	343.1	372.8	404.0	433.5	463.7	493.4	520.2	546.3
120°	262.4	282.4	306.7	333.6	361.9	393.3	421.6	450.2	478.6	506.2	532.0
122.5°	254.8	274.0	297.2	323.7	351.3	381.5	409.3	436.1	463.0	490.4	517.7
125°	247.0	265.3	287.3	313.0	340.1	368.2	395.1	421.3	447.4	473.2	498.7
127.5°	238.9	256.4	276.6	301.0	327.7	354.1	379.8	405.4	431.3	455.7	479.8
130°	230.5	247.3	265.6	288.7	313.9	339.3	364.5	388.8	413.2	437.1	460.7
132.5°	220.0	235.9	253.8	275.6	298.8	322.9	348.6	372.2	394.7	418.6	439.8
135°	209.6	224.3	241.9	262.1	283.5	306.2	330.3	353.2	374.5	396.4	417.9
137.5°	198.5	212.4	229.5	248.0	267.5	289.7	311.8	333.8	353.9	374.3	395.0
140°	187.4	200.5	216.5	233.4	251.7	271.8	292.2	312.6	332.3	351.2	370.7
142.5°	175.4	187.3	201.8	217.4	235.2	253.3	272.0	291.0	311.2	327.8	345.6
145°	163.4	174.2	187.0	201.6	217.9	235.3	251.8	269.1	286.1	302.7	319.8
147.5°	150.8	161.1	172.2	185.6	199.8	215.2	231.0	247.4	263.0	277.6	292.8
150°	138.0	147.7	157.2	169.4	182.4	195.6	209.2	224.3	239.4	253.1	266.1
152.5°	124.2	132.3	141.0	151.8	163.8	176.0	188.2	200.3	214.4	228.0	239.9
155°	110.6	117.0	124.9	133.6	145.0	155.9	166.7	177.2	188.0	200.0	211.3
157.5°	98.0	102.8	109.8	116.6	125.6	135.2	144.5	154.1	163.3	172.5	182.5
160°	85.2	88.6	94.7	100.5	106.4	114.8	123.0	131.0	139.1	146.9	154.1
162.5°	71.5	74.2	78.6	83.7	88.6	94.0	101.4	108.6	115.5	122.1	128.3
165°	58.0	60.2	62.5	67.0	71.3	75.4	79.8	85.9	91.8	97.3	103.2
167.5°	45.3	47.0	48.7	51.0	54.8	58.4	61.9	65.3	69.2	73.5	77.5
170°	32.7	34.1	35.3	36.6	38.1	41.2	44.2	47.1	49.8	52.3	54.8
172.5°	22.2	23.2	24.3	25.2	26.2	27.0	28.0	30.1	32.0	33.9	35.6
175°	11.6	12.4	13.2	14.0	14.7	15.4	16.1	16.8	17.4	18.0	18.6
177.5°	6.2	6.7	7.1	7.4	7.8	8.2	8.5	8.8	9.2	9.5	9.7
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: P232069

CATALOG NUMBER: FVS4WM-3-LD4-35-2STD-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°	10.0	10.3	10.5	10.7	10.9	11.1	11.2	11.4	11.5	11.6	11.7
5°	19.9	21.1	22.3	23.4	24.5	25.5	26.4	27.3	28.1	28.8	29.5
7.5°	37.2	38.7	40.0	41.2	42.5	44.3	45.6	47.8	49.7	51.4	52.9
10°	57.8	60.8	63.7	66.4	68.9	71.3	73.5	75.8	78.2	80.3	82.2
12.5°	81.3	84.7	88.1	92.6	96.9	100.8	104.4	107.7	110.7	113.7	116.5
15°	107.7	112.9	117.9	122.8	127.5	132.4	137.0	141.2	145.4	149.3	152.9
17.5°	134.2	140.8	146.9	153.6	159.9	165.7	171.4	176.9	181.9	186.4	190.6
20°	162.4	170.6	178.4	186.0	193.5	201.0	207.9	214.1	219.7	224.8	229.4
22.5°	192.1	201.5	211.3	220.5	229.4	236.5	243.5	250.0	256.5	262.4	267.4
25°	222.4	233.5	245.9	253.9	262.6	270.8	279.2	287.3	294.8	301.2	306.2
27.5°	251.6	263.4	275.2	285.9	296.0	305.7	316.6	323.3	330.6	337.0	342.9
30°	279.7	293.9	307.2	319.0	330.2	340.0	349.2	358.0	366.2	373.7	381.6
32.5°	308.6	323.6	337.4	350.6	361.8	372.1	382.7	392.5	401.6	409.4	417.2
35°	336.4	351.9	366.9	381.0	393.5	404.8	416.2	426.7	436.4	444.9	452.1
37.5°	363.2	380.1	396.6	411.6	423.8	436.4	449.1	460.3	469.9	480.2	486.3
40°	389.8	407.4	423.9	438.7	453.3	468.4	481.3	492.2	502.3	511.3	519.6
42.5°	414.5	433.0	450.0	466.1	482.0	496.7	510.1	522.3	534.4	543.2	552.8
45°	438.7	457.6	475.8	493.4	509.1	524.3	538.4	551.4	563.2	573.5	582.4
47.5°	461.1	481.2	501.0	519.2	534.9	550.6	565.7	580.3	592.1	602.3	611.5
50°	482.9	503.8	524.1	542.4	559.3	575.9	591.1	605.7	619.7	629.5	639.2
52.5°	503.3	525.2	545.7	565.1	583.1	599.5	615.5	631.2	643.0	654.7	665.5
55°	522.8	545.2	566.6	585.5	604.5	623.1	639.4	653.6	666.7	678.8	689.1
57.5°	539.5	563.0	585.0	606.2	625.9	643.7	660.4	675.7	688.7	701.1	712.4
60°	555.2	581.9	603.6	624.6	644.6	662.8	679.9	695.4	709.4	722.6	734.3
62.5°	572.0	597.4	620.0	641.9	662.1	680.5	697.9	714.3	728.5	741.6	753.7
65°	586.2	611.6	635.1	657.1	677.9	696.9	714.7	731.2	745.8	759.1	771.9
67.5°	598.0	625.0	648.4	671.1	692.4	712.1	730.1	746.4	761.7	775.4	788.0
70°	609.6	637.1	660.4	684.4	705.8	725.7	743.4	759.8	775.5	789.6	802.9
72.5°	620.0	645.9	671.2	695.2	716.8	738.5	756.2	772.6	788.6	803.1	816.4
75°	628.0	654.3	680.2	704.0	725.7	746.8	765.5	783.5	800.3	814.4	827.4
77.5°	634.8	661.7	687.0	711.2	733.8	754.3	773.7	791.9	807.7	823.3	837.1
80°	640.1	667.4	692.5	717.0	740.0	760.5	780.1	798.2	814.9	830.5	844.5
82.5°	644.4	671.6	697.0	721.0	744.7	765.5	784.4	803.2	820.0	835.5	849.9
85°	647.4	673.8	700.2	723.8	746.7	768.0	787.3	806.1	822.5	838.9	852.6
87.5°	648.9	676.1	702.7	726.1	748.8	769.8	789.8	808.0	824.0	840.8	854.3
90°	648.4	677.2	703.3	726.7	750.0	769.8	790.5	809.4	824.7	840.0	853.5
92.5°	648.9	676.1	702.7	726.1	748.8	769.8	789.8	808.0	824.0	840.8	854.3
95°	647.4	673.8	700.2	723.8	746.7	768.0	787.3	806.1	822.5	838.9	852.6
97.5°	644.4	671.6	697.0	721.0	744.7	765.5	784.4	803.2	820.0	835.5	849.9
100°	640.1	667.4	692.5	717.0	740.0	760.5	780.1	798.2	814.9	830.5	844.5
102.5°	634.8	661.7	687.0	711.2	733.8	754.3	773.7	791.9	807.7	823.3	837.1
105°	628.0	654.3	680.2	704.0	725.7	746.8	765.5	783.5	800.3	814.4	827.4
107.5°	620.0	645.9	671.2	695.2	716.8	738.5	756.2	772.6	788.6	803.1	816.4
110°	609.6	637.1	660.4	684.4	705.8	725.7	743.4	759.8	775.5	789.6	802.9



TEST NUMBER: P232069

CATALOG NUMBER: FVS4WM-3-LD4-35-2STD-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°	598.0	625.0	648.4	671.1	692.4	712.1	730.1	746.4	761.7	775.4	788.0
115°	586.2	611.6	635.1	657.1	677.9	696.9	714.7	731.2	745.8	759.1	771.9
117.5°	572.0	597.4	620.0	641.9	662.1	680.5	697.9	714.3	728.5	741.6	753.7
120°	555.2	581.9	603.6	624.6	644.6	662.8	679.9	695.4	709.4	722.6	734.3
122.5°	539.5	563.0	585.0	606.2	625.9	643.7	660.4	675.7	688.7	701.1	712.4
125°	522.8	545.2	566.6	585.5	604.5	623.1	639.4	653.6	666.7	678.8	689.1
127.5°	503.3	525.2	545.7	565.1	583.1	599.5	615.5	631.2	643.0	654.7	665.5
130°	482.9	503.8	524.1	542.4	559.3	575.9	591.1	605.7	619.7	629.5	639.2
132.5°	461.1	481.2	501.0	519.2	534.9	550.6	565.7	580.3	592.1	602.3	611.5
135°	438.7	457.6	475.8	493.4	509.1	524.3	538.4	551.4	563.2	573.5	582.4
137.5°	414.5	433.0	450.0	466.1	482.0	496.7	510.1	522.3	534.4	543.2	552.8
140°	389.8	407.4	423.9	438.7	453.3	468.4	481.3	492.2	502.3	511.3	519.6
142.5°	363.2	380.1	396.6	411.6	423.8	436.4	449.1	460.3	469.9	480.2	486.3
145°	336.4	351.9	366.9	381.0	393.5	404.8	416.2	426.7	436.4	444.9	452.1
147.5°	308.6	323.6	337.4	350.6	361.8	372.1	382.7	392.5	401.6	409.4	417.2
150°	279.7	293.9	307.2	319.0	330.2	340.0	349.2	358.0	366.2	373.7	381.6
152.5°	251.6	263.4	275.2	285.9	296.0	305.7	316.6	323.3	330.6	337.0	342.9
155°	222.4	233.5	245.9	253.9	262.6	270.8	279.2	287.3	294.8	301.2	306.2
157.5°	192.1	201.5	211.3	220.5	229.4	236.5	243.5	250.0	256.5	262.4	267.4
160°	162.4	170.6	178.4	186.0	193.5	201.0	207.9	214.1	219.7	224.8	229.4
162.5°	134.2	140.8	146.9	153.6	159.9	165.7	171.4	176.9	181.9	186.4	190.6
165°	107.7	112.9	117.9	122.8	127.5	132.4	137.0	141.2	145.4	149.3	152.9
167.5°	81.3	84.7	88.1	92.6	96.9	100.8	104.4	107.7	110.7	113.7	116.5
170°	57.8	60.8	63.7	66.4	68.9	71.3	73.5	75.8	78.2	80.3	82.2
172.5°	37.2	38.7	40.0	41.2	42.5	44.3	45.6	47.8	49.7	51.4	52.9
175°	19.9	21.1	22.3	23.4	24.5	25.5	26.4	27.3	28.1	28.8	29.5
177.5°	10.0	10.3	10.5	10.7	10.9	11.1	11.2	11.4	11.5	11.6	11.7
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: P232069

CATALOG NUMBER: FVS4WM-3-LD4-35-2STD-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°	11.7	11.8	11.8	11.8	11.7	11.7	12.0	11.8	11.6	11.4	11.2
5°	30.1	30.7	31.1	31.5	31.8	32.0	32.2	32.3	32.9	32.6	32.2
7.5°	54.3	55.5	56.6	57.4	58.1	58.6	59.0	59.2	59.2	59.7	59.0
10°	83.6	85.7	87.6	89.2	90.6	91.7	92.6	93.3	93.6	95.0	94.2
12.5°	119.1	121.3	123.2	125.1	127.1	128.7	130.0	130.9	131.4	131.5	131.9
15°	156.2	159.1	161.4	163.2	164.5	166.0	167.6	168.7	169.5	169.8	170.6
17.5°	194.4	197.7	200.5	202.8	204.5	205.7	206.9	208.2	208.9	209.0	209.6
20°	233.5	237.1	240.1	242.7	245.0	246.9	248.4	249.7	250.5	250.7	251.6
22.5°	271.4	274.4	277.4	281.6	284.8	286.9	288.0	288.1	289.2	290.0	291.7
25°	311.0	315.7	320.1	323.2	325.4	327.0	327.9	328.2	328.4	329.2	329.1
27.5°	348.7	353.9	358.1	361.2	363.1	365.6	367.0	367.7	367.6	368.7	369.3
30°	386.6	391.6	395.9	399.3	401.7	403.4	405.2	406.0	405.8	405.7	405.7
32.5°	423.5	428.6	432.8	436.8	439.3	440.5	441.4	442.6	443.0	442.9	442.9
35°	458.5	464.1	468.5	471.8	474.2	475.9	476.6	477.7	477.7	476.4	476.8
37.5°	492.9	498.8	503.6	507.4	510.1	511.8	512.5	512.5	512.1	510.6	510.2
40°	527.3	533.8	538.5	542.0	544.4	546.0	546.5	545.7	545.3	544.4	543.5
42.5°	560.3	566.1	571.1	574.4	577.1	579.1	579.2	578.2	577.0	575.7	573.7
45°	590.3	596.6	601.5	605.3	608.4	611.2	609.8	608.8	607.0	606.1	604.3
47.5°	619.9	626.0	631.3	635.6	638.0	638.8	638.6	638.2	636.5	635.1	633.1
50°	646.9	653.8	660.7	665.2	667.5	669.1	669.3	667.9	665.4	662.9	661.4
52.5°	673.8	683.3	689.3	693.2	695.6	696.5	696.9	695.5	693.1	690.5	689.1
55°	697.8	707.1	713.6	717.6	720.2	722.2	722.9	721.4	719.0	716.1	714.6
57.5°	722.5	730.4	736.2	741.6	746.2	747.6	748.1	746.8	743.6	740.4	738.2
60°	744.0	751.9	759.3	765.2	769.4	771.4	771.9	771.0	767.7	764.0	760.7
62.5°	763.4	772.9	780.8	787.1	791.1	792.5	793.7	792.9	789.8	785.7	782.1
65°	782.3	791.6	799.9	805.7	810.9	813.3	813.7	812.8	810.2	805.5	802.2
67.5°	799.8	809.3	817.0	823.0	828.2	831.2	832.1	831.3	828.8	824.1	819.8
70°	814.0	824.1	832.3	838.9	844.0	847.8	848.7	848.0	846.2	841.5	835.8
72.5°	827.6	838.0	846.9	852.4	857.4	861.0	862.8	862.6	860.8	856.3	850.6
75°	839.3	849.5	857.9	864.3	869.3	872.1	873.7	874.7	873.1	869.6	863.8
77.5°	849.1	859.2	867.0	873.5	878.3	881.4	883.1	884.1	883.3	881.0	875.0
80°	856.7	867.0	874.9	881.9	886.4	889.2	890.8	891.2	890.5	889.3	884.8
82.5°	862.2	871.9	880.4	887.2	891.9	894.5	896.2	896.3	895.4	893.7	892.6
85°	865.1	875.0	883.8	890.0	894.6	897.6	899.2	899.5	898.4	896.9	895.0
87.5°	867.0	876.4	884.7	890.3	894.9	897.9	899.1	899.6	898.5	896.7	894.8
90°	867.0	875.9	884.0	890.3	893.9	896.6	897.5	897.5	895.7	892.1	888.5
92.5°	867.0	876.4	884.7	890.3	894.9	897.9	899.1	899.6	898.5	896.7	894.8
95°	865.1	875.0	883.8	890.0	894.6	897.6	899.2	899.5	898.4	896.9	895.0
97.5°	862.2	871.9	880.4	887.2	891.9	894.5	896.2	896.3	895.4	893.7	892.6
100°	856.7	867.0	874.9	881.9	886.4	889.2	890.8	891.2	890.5	889.3	884.8
102.5°	849.1	859.2	867.0	873.5	878.3	881.4	883.1	884.1	883.3	881.1	875.0
105°	839.3	849.5	857.9	864.3	869.3	872.1	873.7	874.7	873.1	869.6	863.8
107.5°	827.6	838.0	846.9	852.4	857.4	861.0	862.8	862.6	860.8	856.3	850.6
110°	814.0	824.1	832.3	838.9	844.0	847.8	848.7	848.0	846.2	841.5	835.8



TEST NUMBER: P232069

CATALOG NUMBER: FVS4WM-3-LD4-35-2STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	799.8	809.3	817.0	823.0	828.2	831.2	832.1	831.3	828.8	824.1	819.8
115°	782.3	791.6	799.9	805.7	810.9	813.3	813.7	812.8	810.2	805.5	802.2
117.5°	763.4	772.9	780.8	787.1	791.1	792.5	793.7	792.9	789.8	785.7	782.1
120°	744.0	751.9	759.3	765.2	769.4	771.4	771.9	771.0	767.7	764.0	760.7
122.5°	722.5	730.4	736.2	741.6	746.2	747.6	748.1	746.8	743.6	740.4	738.2
125°	697.8	707.1	713.6	717.6	720.2	722.2	722.9	721.4	719.0	716.1	714.6
127.5°	673.8	683.3	689.3	693.2	695.6	696.5	696.9	695.5	693.1	690.5	689.1
130°	646.9	653.8	660.7	665.2	667.5	669.1	669.3	667.9	665.4	662.9	661.4
132.5°	619.9	626.0	631.3	635.6	638.0	638.8	638.6	638.2	636.5	635.1	633.1
135°	590.3	596.6	601.5	605.3	608.4	611.2	609.8	608.8	607.0	606.1	604.3
137.5°	560.3	566.1	571.1	574.4	577.1	579.1	579.2	578.2	577.0	575.7	573.7
140°	527.3	533.8	538.5	542.0	544.4	546.0	546.5	545.7	545.3	544.4	543.5
142.5°	492.9	498.8	503.6	507.4	510.1	511.8	512.5	512.5	512.1	510.6	510.2
145°	458.5	464.1	468.5	471.8	474.2	475.9	476.6	477.7	477.7	476.4	476.8
147.5°	423.5	428.6	432.8	436.8	439.3	440.5	441.4	442.6	443.0	442.9	442.9
150°	386.6	391.6	395.9	399.3	401.7	403.4	405.2	406.0	405.8	405.7	405.7
152.5°	348.7	353.9	358.1	361.2	363.1	365.6	367.0	367.7	367.6	368.7	369.3
155°	311.0	315.7	320.1	323.2	325.4	327.0	327.9	328.2	328.4	329.2	329.1
157.5°	271.4	274.4	277.4	281.6	284.8	286.9	288.0	288.1	289.2	290.0	291.7
160°	233.5	237.1	240.1	242.7	245.0	246.9	248.4	249.7	250.5	250.7	251.6
162.5°	194.4	197.7	200.5	202.8	204.5	205.7	206.9	208.2	208.9	209.0	209.6
165°	156.2	159.1	161.4	163.2	164.5	166.0	167.6	168.7	169.5	169.8	170.6
167.5°	119.1	121.3	123.2	125.1	127.1	128.7	130.0	130.9	131.4	131.5	131.9
170°	83.6	85.7	87.6	89.2	90.6	91.7	92.6	93.3	93.6	95.0	94.2
172.5°	54.3	55.5	56.6	57.4	58.1	58.6	59.0	59.2	59.2	59.7	59.0
175°	30.1	30.7	31.1	31.5	31.8	32.0	32.2	32.3	32.9	32.6	32.2
177.5°	11.7	11.8	11.8	11.8	11.7	11.7	12.0	11.8	11.6	11.4	11.2
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: P232069

CATALOG NUMBER: FVS4WM-3-LD4-35-2STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	0.9	0.9
2.5°	11.0	10.8
5°	31.9	31.5
7.5°	58.3	57.6
10°	93.4	92.6
12.5°	130.7	129.5
15°	169.4	168.2
17.5°	207.7	205.9
20°	249.4	247.3
22.5°	290.2	288.7
25°	328.6	326.5
27.5°	369.4	367.8
30°	405.2	402.9
32.5°	442.4	439.8
35°	477.3	475.7
37.5°	510.7	509.0
40°	543.7	541.4
42.5°	573.6	571.1
45°	604.8	602.6
47.5°	634.1	633.1
50°	661.0	658.3
52.5°	688.9	687.1
55°	714.5	713.2
57.5°	738.2	737.5
60°	760.6	759.0
62.5°	780.6	781.5
65°	801.4	801.3
67.5°	818.8	819.3
70°	834.0	835.5
72.5°	848.9	849.9
75°	860.8	863.4
77.5°	871.0	875.0
80°	880.1	883.1
82.5°	887.6	890.3
85°	894.6	894.8
87.5°	895.7	898.4
90°	885.8	893.9
92.5°	895.7	898.4
95°	894.6	894.8
97.5°	887.6	890.3
100°	880.1	883.1
102.5°	871.0	875.0
105°	860.8	863.4
107.5°	848.9	849.9
110°	834.0	835.5



TEST NUMBER: P232069

CATALOG NUMBER: FVS4WM-3-LD4-35-2STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	818.8	819.3
115°	801.4	801.3
117.5°	780.6	781.5
120°	760.6	759.0
122.5°	738.2	737.5
125°	714.5	713.2
127.5°	688.9	687.1
130°	661.0	658.3
132.5°	634.1	633.1
135°	604.8	602.6
137.5°	573.6	571.1
140°	543.7	541.4
142.5°	510.7	509.0
145°	477.3	475.7
147.5°	442.4	439.8
150°	405.2	402.9
152.5°	369.4	367.8
155°	328.6	326.5
157.5°	290.2	288.7
160°	249.4	247.3
162.5°	207.7	205.9
165°	169.4	168.2
167.5°	130.7	129.5
170°	93.4	92.6
172.5°	58.3	57.6
175°	31.9	31.5
177.5°	11.0	10.8
180°	0.0	0.0

(END OF REPORT)