

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: P231992

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

Issue Date: 3/3/2020



Test Information

Test Method: LM-79-08
Report Number: P231992
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-LD4-30-2LO-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

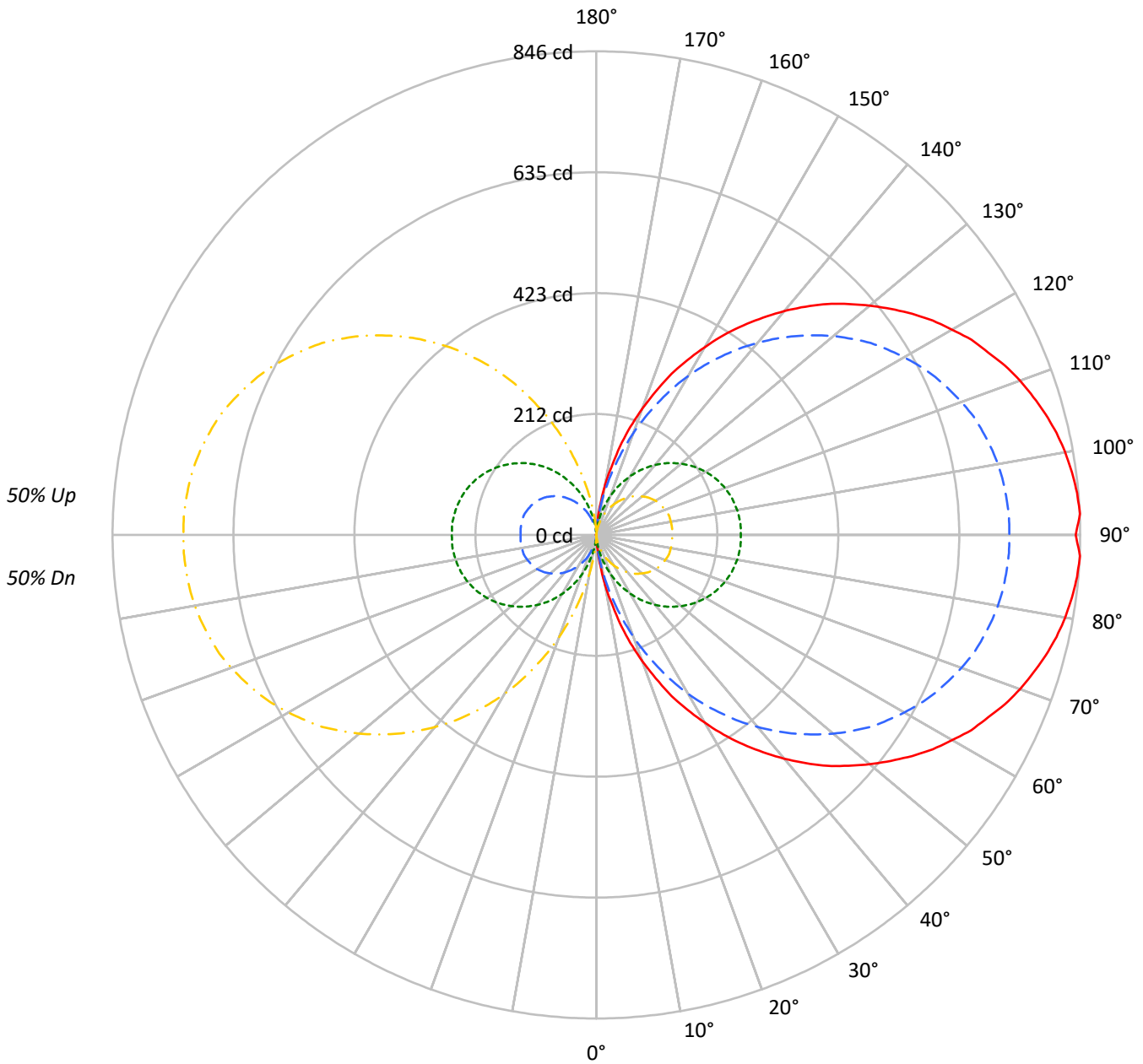
Lumens per Lamp: N/A
Luminaire Lumens: 3754.7 lumens
Efficiency: N/A
Efficacy: 65.4 lumens/watt
Spacing Criteria (0/90/45): - / - / -
Luminous Opening: Rectangular w/ Sides (W: 3.79' x L: 0.19' x H: 0.31')
CIE Type: General Diffuse

Input Watts (W): 57.4
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Luminous Intensity Polar Plot



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



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20	
RC	80				70				50				30				10	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	107	107	107	107	99	99	99	99	83	83	83	69	69	69	56	56	56	50
1	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°	378	125	0	125
10°	1081	411	0	411
15°	1738	756	0	756
20°	2354	1140	0	1140
25°	2923	1552	0	1552
30°	3378	1981	0	1981
35°	3813	2450	0	2450
40°	4211	2952	0	2952
45°	4588	3515	0	3515
50°	4923	4154	6	4154
55°	5265	4919	5	4919
60°	5593	5851	5	5851
65°	5916	7039	5	7039
70°	6258	8645	6	8645
75°	6593	10996	6	10996
80°	6945	14854	0	14854
85°	7309	22604	0	22604



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	2.1	0.1
10°-20°	21.0	0.6
20°-30°	65.7	1.8
30°-40°	130.7	3.5
40°-50°	206.4	5.5
50°-60°	282.6	7.5
60°-70°	349.2	9.3
70°-80°	397.8	10.6
80°-90°	421.8	11.2
90°-100°	421.8	11.2
100°-110°	397.8	10.6
110°-120°	349.2	9.3
120°-130°	282.6	7.5
130°-140°	206.4	5.5
140°-150°	130.7	3.5
150°-160°	65.7	1.8
160°-170°	21.0	0.6
170°-180°	2.1	0.1
0°-30°	88.8	2.4
0°-40°	219.5	5.8
0°-60°	708.6	18.9
0°-90°	1877.4	50.0
90°-120°	1168.8	31.1
90°-150°	1788.6	47.6
90°-180°	1877.0	50.0
0°-180°	3754.7	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	0	0	0	0	0	
5°	28	8	0	8	28	5
15°	160	49	0	49	160	48
25°	311	96	0	96	311	145
35°	447	140	0	140	447	282
45°	571	178	0	178	571	442
55°	674	208	1	208	674	605
65°	755	231	1	231	755	750
75°	814	246	1	246	814	860
85°	844	253	0	253	844	687
90°	838	253	0	253	838	462
95°	844	253	0	253	844	687
105°	814	246	1	246	814	860
115°	755	231	1	231	755	750
125°	674	208	1	208	674	605
135°	571	178	0	178	571	442
145°	447	140	0	140	447	282
155°	311	96	0	96	311	145
165°	160	49	0	49	160	48
175°	28	8	0	8	28	5
180°	0	0	0	0	0	



TEST NUMBER: P231992

CATALOG NUMBER: FVS4WM-4-LD4-30-2LO-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°	8.3	8.5	8.7	8.8	9.0	9.2	9.4	9.2	9.2	9.3	9.3
5°	28.5	28.9	29.3	29.7	30.1	29.5	29.4	29.3	29.1	28.8	28.5
7.5°	55.5	56.1	56.6	57.2	56.5	56.3	56.0	55.6	55.0	54.2	53.3
10°	91.0	91.5	92.0	92.5	90.8	90.1	89.2	88.0	86.6	85.0	83.2
12.5°	120.8	122.0	123.1	122.9	122.9	122.6	121.9	120.9	119.4	117.5	115.9
15°	160.4	161.3	162.2	161.2	160.6	159.6	158.2	156.4	154.8	153.5	151.6
17.5°	197.9	199.1	200.3	199.1	198.5	197.3	195.6	194.1	192.8	191.0	188.8
20°	234.7	236.0	237.2	235.9	235.1	233.8	232.6	231.7	230.2	228.2	225.5
22.5°	271.5	273.1	274.6	273.2	272.4	271.1	270.6	269.4	267.5	265.0	261.8
25°	311.0	312.0	311.4	310.5	309.0	308.6	308.3	307.2	305.3	302.7	300.0
27.5°	344.4	345.8	345.7	345.2	344.1	344.6	344.3	343.4	341.4	339.8	336.8
30°	379.1	380.9	380.9	380.5	380.3	380.3	379.6	378.1	376.5	374.3	371.2
32.5°	414.5	415.8	415.3	414.3	415.1	415.3	414.6	413.4	411.6	408.9	405.2
35°	447.1	448.1	447.1	446.3	448.4	449.3	449.1	448.3	446.7	443.8	440.5
37.5°	479.1	480.1	479.0	478.9	480.3	481.0	481.6	481.3	479.5	477.5	474.4
40°	511.0	511.0	508.8	509.6	511.4	512.1	512.9	512.9	512.1	510.2	507.5
42.5°	541.6	541.9	539.7	541.1	542.5	543.4	543.9	543.5	542.1	540.3	537.5
45°	571.4	570.4	567.0	569.5	571.0	572.7	573.3	574.4	571.8	569.2	566.2
47.5°	597.8	597.4	595.4	598.1	599.7	601.2	601.7	601.4	600.3	598.2	594.6
50°	624.2	625.0	623.8	624.2	626.2	628.3	629.5	628.9	627.6	625.2	621.6
52.5°	649.2	651.0	650.5	649.9	651.7	653.5	655.1	655.1	653.9	650.7	645.8
55°	674.2	673.7	673.1	674.0	676.3	678.5	680.1	679.9	678.1	674.2	668.6
57.5°	697.8	696.2	695.5	697.3	700.0	702.1	703.5	703.3	701.5	696.2	689.3
60°	717.9	717.3	716.6	718.9	721.8	723.8	726.0	724.9	722.4	716.9	710.1
62.5°	739.4	737.2	736.1	738.6	741.8	744.5	745.7	744.0	740.7	736.8	729.4
65°	755.4	756.5	754.3	757.3	761.1	762.7	763.8	761.6	757.5	752.6	747.2
67.5°	773.5	772.7	771.7	774.7	778.7	780.6	779.9	777.0	774.0	769.0	763.4
70°	788.7	787.3	786.6	789.9	793.3	795.3	793.5	791.0	788.0	784.0	778.5
72.5°	801.2	800.2	799.4	804.0	807.1	807.2	805.5	802.8	800.6	797.3	791.9
75°	813.7	811.6	811.7	816.2	817.6	816.1	814.6	813.8	812.6	809.2	803.1
77.5°	824.1	820.7	822.1	825.3	824.6	823.6	824.1	824.2	822.3	818.5	812.4
80°	832.5	828.3	830.7	831.1	829.0	831.5	833.5	832.9	830.0	826.1	819.5
82.5°	838.7	835.1	835.1	832.0	835.8	838.6	839.1	837.7	835.1	830.6	824.5
85°	843.6	840.0	833.4	837.4	840.2	841.2	841.3	840.4	837.8	833.6	827.8
87.5°	846.4	834.3	835.9	837.8	840.2	841.7	842.0	840.5	838.8	834.5	828.8
90°	838.0	829.7	830.4	834.6	837.3	839.4	840.1	839.4	838.0	833.9	827.6
92.5°	846.4	834.3	835.9	837.8	840.2	841.7	842.0	840.5	838.8	834.5	828.8
95°	843.6	840.0	833.4	837.4	840.2	841.2	841.3	840.4	837.8	833.6	827.8
97.5°	838.7	835.1	835.1	832.0	835.8	838.6	839.1	837.7	835.1	830.6	824.5
100°	832.5	828.3	830.7	831.1	829.0	831.5	833.5	832.9	830.0	826.1	819.5
102.5°	824.1	820.7	822.1	825.3	824.6	823.6	824.1	824.2	822.3	818.5	812.4
105°	813.7	811.6	811.7	816.2	817.6	816.1	814.6	813.8	812.6	809.2	803.1
107.5°	801.2	800.2	799.4	804.0	807.1	807.2	805.5	802.8	800.6	797.3	791.9
110°	788.7	787.3	786.6	789.9	793.3	795.3	793.5	791.0	788.0	784.0	778.5



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CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
112.5°	773.5	772.7	771.7	774.7	778.7	780.6	779.9	777.0	774.0	769.0	763.4
115°	755.4	756.5	754.3	757.3	761.1	762.7	763.8	761.6	757.5	752.6	747.2
117.5°	739.4	737.2	736.1	738.6	741.8	744.5	745.7	744.0	740.7	736.8	729.4
120°	717.9	717.3	716.6	718.9	721.8	723.8	726.0	724.9	722.4	716.9	710.1
122.5°	697.8	696.2	695.5	697.3	700.0	702.1	703.5	703.3	701.5	696.2	689.3
125°	674.2	673.7	673.1	674.0	676.3	678.5	680.1	679.9	678.1	674.2	668.6
127.5°	649.2	651.0	650.5	649.9	651.7	653.5	655.1	655.1	653.9	650.7	645.8
130°	624.2	625.0	623.8	624.2	626.2	628.3	629.5	628.9	627.6	625.2	621.6
132.5°	597.8	597.4	595.4	598.1	599.7	601.2	601.7	601.4	600.3	598.2	594.6
135°	571.4	570.4	567.0	569.5	571.0	572.7	573.3	574.4	571.8	569.2	566.2
137.5°	541.6	541.9	539.7	541.1	542.5	543.4	543.9	543.5	542.1	540.3	537.5
140°	511.0	511.0	508.8	509.6	511.4	512.1	512.9	512.9	512.1	510.2	507.5
142.5°	479.1	480.1	479.0	478.9	480.3	481.0	481.6	481.3	479.5	477.5	474.4
145°	447.1	448.1	447.1	446.3	448.4	449.3	449.1	448.3	446.7	443.8	440.5
147.5°	414.5	415.8	415.3	414.3	415.1	415.3	414.6	413.4	411.6	408.9	405.2
150°	379.1	380.9	380.9	380.5	380.3	380.3	379.6	378.1	376.5	374.3	371.2
152.5°	344.4	345.8	345.7	345.2	344.1	344.6	344.3	343.4	341.4	339.8	336.8
155°	311.0	312.0	311.4	310.5	309.0	308.6	308.3	307.2	305.3	302.7	300.0
157.5°	271.5	273.1	274.6	273.2	272.4	271.1	270.6	269.4	267.5	265.0	261.8
160°	234.7	236.0	237.2	235.9	235.1	233.8	232.6	231.7	230.2	228.2	225.5
162.5°	197.9	199.1	200.3	199.1	198.5	197.3	195.6	194.1	192.8	191.0	188.8
165°	160.4	161.3	162.2	161.2	160.6	159.6	158.2	156.4	154.8	153.5	151.6
167.5°	120.8	122.0	123.1	122.9	122.9	122.6	121.9	120.9	119.4	117.5	115.9
170°	91.0	91.5	92.0	92.5	90.8	90.1	89.2	88.0	86.6	85.0	83.2
172.5°	55.5	56.1	56.6	57.2	56.5	56.3	56.0	55.6	55.0	54.2	53.3
175°	28.5	28.9	29.3	29.7	30.1	29.5	29.4	29.3	29.1	28.8	28.5
177.5°	8.3	8.5	8.7	8.8	9.0	9.2	9.4	9.2	9.2	9.3	9.3
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	9.3	9.3	9.3	9.2	9.1	9.1	8.9	8.8	8.7	8.5	8.4
5°	28.0	27.5	26.9	26.2	25.5	24.6	23.7	22.8	21.7	20.6	19.4
7.5°	52.3	51.1	49.8	48.3	46.7	45.0	43.0	41.8	40.0	38.6	37.2
10°	81.2	78.9	77.4	75.7	73.7	71.6	69.5	67.4	65.1	62.6	59.8
12.5°	114.1	112.0	109.5	106.7	103.7	101.0	98.0	94.9	91.7	88.3	84.7
15°	149.4	146.7	143.5	140.0	136.3	132.1	127.9	123.8	119.4	115.4	111.0
17.5°	186.1	183.0	179.4	175.4	171.3	166.7	161.7	156.6	151.4	145.9	140.1
20°	222.3	218.8	215.2	211.1	206.6	201.6	196.1	189.9	183.2	176.3	169.3
22.5°	258.9	255.4	251.1	246.1	240.2	234.4	228.8	222.7	216.3	208.0	199.3
25°	296.6	292.6	287.9	282.7	276.7	270.0	262.6	254.7	247.3	239.3	231.6
27.5°	332.9	328.5	323.7	318.3	312.0	305.2	299.1	288.8	278.9	268.5	258.2
30°	367.4	363.5	359.6	352.8	346.1	338.4	330.1	321.3	311.6	299.8	287.2
32.5°	402.1	397.8	392.7	386.3	379.3	370.7	361.5	351.6	341.6	330.8	317.4
35°	436.7	432.2	426.4	419.7	412.1	402.9	392.4	381.4	369.6	357.8	345.6
37.5°	469.9	464.7	458.6	452.7	443.5	433.9	422.5	410.9	398.4	384.8	371.1
40°	502.9	496.6	489.9	482.2	473.0	462.6	450.7	438.4	426.0	412.1	397.1
42.5°	532.6	526.6	519.4	511.3	503.8	491.3	478.9	466.0	452.8	438.0	422.2
45°	561.7	554.6	546.8	538.4	528.9	518.1	505.3	491.7	477.9	462.8	445.8
47.5°	589.7	582.1	573.5	564.7	554.6	542.9	530.7	516.7	501.5	486.1	468.8
50°	618.7	610.6	599.6	590.1	581.1	567.5	554.4	541.0	524.9	508.1	490.5
52.5°	640.5	633.5	623.3	613.7	603.2	592.1	577.6	563.3	548.1	529.7	510.9
55°	662.3	655.4	645.7	635.4	625.2	612.8	599.2	585.5	568.0	549.5	531.0
57.5°	682.9	675.9	667.1	656.5	645.7	633.3	618.9	603.5	586.9	568.6	548.2
60°	703.5	696.0	686.8	676.1	664.9	652.1	637.8	621.5	604.0	585.3	565.4
62.5°	722.5	714.8	705.5	694.8	682.5	669.5	654.7	638.5	620.6	600.9	580.6
65°	740.4	732.8	723.1	712.5	699.5	685.4	669.9	653.7	634.9	615.0	594.2
67.5°	757.2	749.6	738.9	727.4	715.3	700.5	684.2	666.9	648.0	628.0	606.7
70°	771.9	763.6	754.0	740.6	727.8	713.4	697.1	679.4	660.7	640.2	618.5
72.5°	785.3	776.0	765.8	753.3	739.3	724.6	708.3	691.0	671.2	650.5	628.0
75°	796.1	786.8	776.1	764.4	749.7	734.3	717.8	699.2	679.3	658.9	636.4
77.5°	804.9	795.6	784.5	772.0	757.7	742.2	725.3	706.8	686.8	665.7	643.2
80°	811.7	802.6	791.2	778.7	765.0	748.8	731.1	712.8	693.0	671.6	648.6
82.5°	817.0	807.2	796.0	783.4	769.4	753.0	735.2	717.4	698.0	676.5	653.0
85°	819.9	810.5	798.9	786.2	771.7	755.4	738.1	720.0	699.4	678.3	655.6
87.5°	821.0	812.3	801.2	787.9	773.4	756.8	740.3	722.1	701.2	679.7	657.5
90°	820.7	811.6	801.9	787.3	772.8	756.8	740.8	722.1	702.6	679.7	657.5
92.5°	821.0	812.3	801.2	787.9	773.4	756.8	740.3	722.1	701.2	679.7	657.5
95°	819.9	810.5	798.9	786.2	771.7	755.4	738.1	720.0	699.4	678.3	655.6
97.5°	817.0	807.2	796.0	783.4	769.4	753.0	735.2	717.4	698.0	676.5	653.0
100°	811.7	802.6	791.2	778.7	765.0	748.8	731.1	712.8	693.0	671.6	648.6
102.5°	804.9	795.6	784.5	772.0	757.7	742.2	725.3	706.8	686.8	665.7	643.2
105°	796.1	786.8	776.1	764.4	749.7	734.3	717.8	699.2	679.3	658.9	636.4
107.5°	785.3	776.0	765.8	753.3	739.3	724.6	708.3	691.0	671.2	650.5	628.0
110°	771.9	763.6	754.0	740.6	727.8	713.4	697.1	679.4	660.7	640.2	618.5



TEST NUMBER: P231992

CATALOG NUMBER: FVS4WM-4-LD4-30-2LO-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°	757.2	749.6	738.9	727.4	715.3	700.5	684.2	666.9	648.0	628.0	606.7
115°	740.4	732.8	723.1	712.5	699.5	685.4	669.9	653.7	634.9	615.0	594.2
117.5°	722.5	714.8	705.5	694.8	682.5	669.5	654.7	638.5	620.6	600.9	580.6
120°	703.5	696.0	686.8	676.1	664.9	652.1	637.8	621.5	604.0	585.3	565.4
122.5°	682.9	675.9	667.1	656.5	645.7	633.3	618.9	603.5	586.9	568.6	548.2
125°	662.3	655.4	645.7	635.4	625.2	612.8	599.2	585.5	568.0	549.5	531.0
127.5°	640.5	633.5	623.3	613.7	603.2	592.1	577.6	563.3	548.1	529.7	510.9
130°	618.7	610.6	599.6	590.1	581.1	567.5	554.4	541.0	524.9	508.1	490.5
132.5°	589.7	582.1	573.5	564.7	554.6	542.9	530.7	516.7	501.5	486.1	468.8
135°	561.7	554.6	546.8	538.4	528.9	518.1	505.3	491.7	477.9	462.8	445.8
137.5°	532.6	526.6	519.4	511.3	503.8	491.3	478.9	466.0	452.8	438.0	422.2
140°	502.9	496.6	489.9	482.2	473.0	462.6	450.7	438.4	426.0	412.1	397.1
142.5°	469.9	464.7	458.6	452.7	443.5	433.9	422.5	410.9	398.4	384.8	371.1
145°	436.7	432.2	426.4	419.7	412.1	402.9	392.4	381.4	369.6	357.8	345.6
147.5°	402.1	397.8	392.7	386.3	379.3	370.7	361.5	351.6	341.6	330.8	317.4
150°	367.4	363.5	359.6	352.8	346.1	338.4	330.1	321.3	311.6	299.8	287.2
152.5°	332.9	328.5	323.7	318.3	312.0	305.2	299.1	288.8	278.9	268.5	258.2
155°	296.6	292.6	287.9	282.7	276.7	270.0	262.6	254.7	247.3	239.3	231.6
157.5°	258.9	255.4	251.1	246.1	240.2	234.4	228.8	222.7	216.3	208.0	199.3
160°	222.3	218.8	215.2	211.1	206.6	201.6	196.1	189.9	183.2	176.3	169.3
162.5°	186.1	183.0	179.4	175.4	171.3	166.7	161.7	156.6	151.4	145.9	140.1
165°	149.4	146.7	143.5	140.0	136.3	132.1	127.9	123.8	119.4	115.4	111.0
167.5°	114.1	112.0	109.5	106.7	103.7	101.0	98.0	94.9	91.7	88.3	84.7
170°	81.2	78.9	77.4	75.7	73.7	71.6	69.5	67.4	65.1	62.6	59.8
172.5°	52.3	51.1	49.8	48.3	46.7	45.0	43.0	41.8	40.0	38.6	37.2
175°	28.0	27.5	26.9	26.2	25.5	24.6	23.7	22.8	21.7	20.6	19.4
177.5°	9.3	9.3	9.3	9.2	9.1	9.1	8.9	8.8	8.7	8.5	8.4
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: P231992

CATALOG NUMBER: FVS4WM-4-LD4-30-2LO-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°	8.2	8.0	7.8	7.5	7.3	7.0	6.8	6.5	6.2	5.9	5.5
5°	18.2	16.9	15.6	15.1	14.6	14.1	13.5	13.0	12.4	11.7	11.1
7.5°	35.8	34.2	32.6	30.8	29.0	27.1	25.1	24.2	23.5	22.7	21.8
10°	56.8	53.5	50.3	47.9	45.6	43.2	40.7	38.1	35.4	34.0	32.7
12.5°	80.9	76.9	72.8	68.5	64.1	60.4	57.4	54.2	50.9	47.4	45.1
15°	106.2	100.9	96.0	90.4	85.5	80.4	75.2	71.1	66.9	62.5	57.9
17.5°	134.9	127.4	120.4	113.2	106.5	100.9	95.1	88.9	83.6	78.5	73.2
20°	162.0	154.3	146.3	138.5	130.6	122.6	115.6	108.3	100.6	94.6	88.5
22.5°	190.1	181.1	171.9	162.3	153.6	144.7	135.3	127.0	118.6	110.6	103.8
25°	219.7	209.0	198.3	187.9	177.0	166.4	155.4	144.5	135.8	126.9	119.1
27.5°	247.2	235.8	224.5	213.1	201.1	188.5	176.0	163.4	152.4	142.2	132.6
30°	274.8	262.3	249.9	237.4	224.1	210.2	195.9	182.8	170.3	157.8	145.7
32.5°	303.2	289.5	276.1	262.2	247.5	232.0	216.1	201.2	186.9	173.3	160.0
35°	331.4	315.7	300.6	285.3	269.3	252.9	236.3	220.2	203.8	188.5	174.5
37.5°	357.1	341.3	324.5	307.7	291.6	273.2	255.5	237.6	220.3	203.1	188.1
40°	381.7	365.5	348.1	330.2	311.4	292.5	273.4	255.0	236.6	218.1	201.3
42.5°	405.6	388.4	370.7	352.1	332.5	311.8	291.3	271.3	251.5	232.2	213.8
45°	428.4	410.6	391.7	372.1	351.9	329.9	308.5	287.3	265.8	245.5	226.2
47.5°	450.3	431.3	411.4	392.2	370.0	347.7	325.0	303.1	280.1	257.9	237.4
50°	471.5	451.7	430.6	409.0	387.0	364.4	341.0	318.3	294.3	270.1	248.3
52.5°	491.4	471.1	449.1	426.6	403.5	380.0	356.1	331.9	306.9	281.2	258.6
55°	510.2	489.3	466.9	443.6	418.8	394.4	369.5	343.9	318.0	292.0	268.6
57.5°	527.5	506.1	484.1	460.1	434.1	408.1	382.4	356.1	328.7	301.7	277.3
60°	544.1	521.9	497.7	473.7	447.8	420.3	394.4	368.2	339.5	310.9	285.5
62.5°	558.6	535.6	510.9	485.6	460.8	432.0	405.2	378.0	349.2	320.2	293.4
65°	572.0	548.6	523.9	497.9	471.8	443.6	415.1	386.3	357.7	329.1	301.3
67.5°	584.0	560.5	535.8	510.4	481.9	453.6	424.4	394.7	365.2	336.1	307.9
70°	595.0	570.8	545.9	518.9	491.0	461.8	432.3	403.0	372.4	342.3	314.3
72.5°	605.0	580.1	554.9	527.2	498.9	469.7	439.0	409.1	378.4	347.6	319.3
75°	612.9	588.4	562.3	534.0	505.4	476.7	445.0	413.9	383.6	352.7	324.0
77.5°	619.4	595.3	569.0	539.8	510.5	481.6	449.7	418.1	387.4	356.2	326.9
80°	624.3	600.2	573.1	544.7	514.1	484.7	453.2	421.8	390.5	359.2	329.4
82.5°	628.1	604.0	576.2	548.7	517.8	488.4	456.1	424.9	393.8	361.7	332.9
85°	630.7	606.0	578.3	551.7	521.3	493.4	459.5	428.3	397.7	364.4	334.6
87.5°	632.5	606.9	580.0	552.8	522.5	492.7	460.6	428.7	398.1	365.9	334.4
90°	632.5	606.1	580.4	552.0	522.1	491.6	461.7	429.1	398.5	367.3	334.0
92.5°	632.5	606.9	580.0	552.8	522.5	492.7	460.6	428.7	398.1	365.9	334.4
95°	630.7	606.0	578.3	551.7	521.3	493.4	459.5	428.3	397.7	364.4	334.6
97.5°	628.1	604.0	576.2	548.7	517.8	488.4	456.1	424.9	393.8	361.7	332.9
100°	624.3	600.2	573.1	544.7	514.1	484.7	453.2	421.8	390.5	359.2	329.4
102.5°	619.4	595.3	569.0	539.8	510.5	481.6	449.7	418.1	387.4	356.2	326.9
105°	612.9	588.4	562.3	534.0	505.4	476.7	445.0	413.9	383.6	352.7	324.0
107.5°	605.0	580.1	554.9	527.2	498.9	469.7	439.0	409.1	378.4	347.6	319.3
110°	595.0	570.8	545.9	518.9	491.0	461.8	432.3	403.0	372.4	342.3	314.3



TEST NUMBER: P231992

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

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	584.0	560.5	535.8	510.4	481.9	453.6	424.4	394.7	365.2	336.1	307.9
115°	572.0	548.6	523.9	497.9	471.8	443.6	415.1	386.3	357.7	329.1	301.3
117.5°	558.6	535.6	510.9	485.6	460.8	432.0	405.2	378.0	349.2	320.2	293.4
120°	544.1	521.9	497.7	473.7	447.8	420.3	394.4	368.2	339.5	310.9	285.5
122.5°	527.5	506.1	484.1	460.1	434.1	408.1	382.4	356.1	328.7	301.7	277.3
125°	510.2	489.3	466.9	443.6	418.8	394.4	369.5	343.9	318.0	292.0	268.6
127.5°	491.4	471.1	449.1	426.6	403.5	380.0	356.1	331.9	306.9	281.2	258.6
130°	471.5	451.7	430.6	409.0	387.0	364.4	341.0	318.3	294.3	270.1	248.3
132.5°	450.3	431.3	411.4	392.2	370.0	347.7	325.0	303.1	280.1	257.9	237.4
135°	428.4	410.6	391.7	372.1	351.9	329.9	308.5	287.3	265.8	245.5	226.2
137.5°	405.6	388.4	370.7	352.1	332.5	311.8	291.3	271.3	251.5	232.2	213.8
140°	381.7	365.5	348.1	330.2	311.4	292.5	273.4	255.0	236.6	218.1	201.3
142.5°	357.1	341.3	324.5	307.7	291.6	273.2	255.5	237.6	220.3	203.1	188.1
145°	331.4	315.7	300.6	285.3	269.3	252.9	236.3	220.2	203.8	188.5	174.5
147.5°	303.2	289.5	276.1	262.2	247.5	232.0	216.1	201.2	186.9	173.3	160.0
150°	274.8	262.3	249.9	237.4	224.1	210.2	195.9	182.8	170.3	157.8	145.7
152.5°	247.2	235.8	224.5	213.1	201.1	188.5	176.0	163.4	152.4	142.2	132.6
155°	219.7	209.0	198.3	187.9	177.0	166.4	155.4	144.5	135.8	126.9	119.1
157.5°	190.1	181.1	171.9	162.3	153.6	144.7	135.3	127.0	118.6	110.6	103.8
160°	162.0	154.3	146.3	138.5	130.6	122.6	115.6	108.3	100.6	94.6	88.5
162.5°	134.9	127.4	120.4	113.2	106.5	100.9	95.1	88.9	83.6	78.5	73.2
165°	106.2	100.9	96.0	90.4	85.5	80.4	75.2	71.1	66.9	62.5	57.9
167.5°	80.9	76.9	72.8	68.5	64.1	60.4	57.4	54.2	50.9	47.4	45.1
170°	56.8	53.5	50.3	47.9	45.6	43.2	40.7	38.1	35.4	34.0	32.7
172.5°	35.8	34.2	32.6	30.8	29.0	27.1	25.1	24.2	23.5	22.7	21.8
175°	18.2	16.9	15.6	15.1	14.6	14.1	13.5	13.0	12.4	11.7	11.1
177.5°	8.2	8.0	7.8	7.5	7.3	7.0	6.8	6.5	6.2	5.9	5.5
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: P231992

CATALOG NUMBER: FVS4WM-4-LD4-30-2LO-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°	5.2	4.9	4.5	4.2	4.1	4.1	4.1	4.0	4.0	3.9	3.9
5°	10.4	9.7	9.0	8.3	8.2	8.1	8.0	7.9	7.8	7.7	7.5
7.5°	20.9	19.9	18.8	17.7	17.5	17.2	16.9	16.6	16.2	15.7	15.2
10°	31.5	30.1	28.6	27.1	26.7	26.2	25.7	25.1	24.5	23.8	23.2
12.5°	43.6	41.9	40.1	38.2	37.6	36.9	36.2	35.3	34.4	33.6	32.6
15°	55.7	53.7	51.6	49.3	48.5	47.6	46.6	45.6	44.6	43.6	42.5
17.5°	68.8	66.4	63.8	61.1	60.2	59.1	57.9	56.8	55.6	54.3	52.9
20°	82.3	79.2	76.1	72.9	71.9	70.7	69.4	68.0	66.6	65.1	63.3
22.5°	96.8	92.0	88.5	84.7	83.4	81.9	80.5	79.1	77.5	75.7	73.7
25°	111.3	104.9	100.8	96.5	94.9	93.2	91.6	90.1	88.3	86.2	83.9
27.5°	124.5	116.8	112.3	107.6	105.9	104.0	102.5	100.8	98.8	96.4	93.9
30°	137.2	128.7	123.8	118.7	116.9	114.9	113.3	111.5	109.2	106.7	104.0
32.5°	149.8	140.5	134.8	129.5	127.3	125.1	123.5	121.6	119.1	116.5	113.6
35°	162.4	152.3	145.7	140.2	137.7	135.4	133.6	131.5	128.9	126.0	122.8
37.5°	174.2	163.4	155.8	150.0	147.1	144.6	142.8	140.6	138.1	134.9	131.5
40°	185.8	174.3	165.8	159.7	156.4	153.8	152.0	149.6	146.8	143.4	139.9
42.5°	196.6	184.5	175.2	168.7	165.3	162.6	160.5	158.2	155.2	151.8	148.0
45°	207.8	194.6	184.5	177.7	174.2	171.4	169.0	166.8	163.4	159.6	155.5
47.5°	218.3	203.7	192.8	185.7	182.1	179.2	176.9	174.7	171.0	167.0	162.8
50°	228.5	212.7	201.0	193.7	189.9	187.1	184.7	182.4	178.4	174.3	170.0
52.5°	238.3	221.7	209.2	201.0	197.1	194.2	191.8	189.1	185.1	181.0	176.7
55°	247.9	230.6	217.3	208.3	204.2	201.4	198.8	195.6	191.5	187.3	182.7
57.5°	256.0	237.9	223.6	214.6	210.1	207.2	204.6	201.3	197.2	192.9	188.4
60°	263.8	245.1	229.7	220.8	215.9	213.0	210.3	206.9	202.6	198.1	194.2
62.5°	270.2	250.6	235.5	226.0	221.3	218.2	215.2	211.7	207.5	203.0	198.7
65°	276.6	255.7	241.2	231.2	226.7	223.4	220.0	216.5	212.3	207.5	202.7
67.5°	281.9	260.4	245.0	235.4	230.5	227.4	224.3	220.5	216.0	211.2	206.3
70°	286.9	265.0	248.7	239.5	234.3	231.4	228.6	224.3	219.5	214.6	209.7
72.5°	291.5	268.7	252.3	242.7	237.3	234.5	231.5	227.5	222.6	217.6	212.6
75°	295.9	272.3	256.2	245.8	240.4	237.6	234.2	230.7	225.5	220.5	215.1
77.5°	298.8	274.8	258.3	247.9	242.4	239.6	236.2	232.5	227.2	222.5	216.8
80°	301.5	277.7	260.4	250.0	244.5	241.7	238.2	234.1	228.7	224.4	218.4
82.5°	304.4	279.4	261.7	251.4	245.5	242.7	239.2	235.1	229.9	225.1	219.5
85°	306.2	281.2	263.1	252.7	246.5	243.7	240.2	236.1	231.2	225.7	220.8
87.5°	306.2	281.5	263.4	252.7	246.9	244.1	240.6	236.5	231.2	226.0	220.8
90°	306.2	281.9	263.8	252.7	247.2	244.4	240.9	236.8	231.2	226.3	220.8
92.5°	306.2	281.5	263.4	252.7	246.9	244.1	240.6	236.5	231.2	226.0	220.8
95°	306.2	281.2	263.1	252.7	246.5	243.7	240.2	236.1	231.2	225.7	220.8
97.5°	304.4	279.4	261.7	251.4	245.5	242.7	239.2	235.1	229.9	225.1	219.5
100°	301.5	277.7	260.4	250.0	244.5	241.7	238.2	234.1	228.7	224.4	218.4
102.5°	298.8	274.8	258.3	247.9	242.4	239.6	236.2	232.5	227.2	222.5	216.8
105°	295.9	272.3	256.2	245.8	240.4	237.6	234.2	230.7	225.5	220.5	215.1
107.5°	291.5	268.7	252.3	242.7	237.3	234.5	231.5	227.5	222.6	217.6	212.6
110°	286.9	265.0	248.7	239.5	234.3	231.4	228.6	224.3	219.5	214.6	209.7



TEST NUMBER: P231992

CATALOG NUMBER: FVS4WM-4-LD4-30-2LO-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°	281.9	260.4	245.0	235.4	230.5	227.4	224.3	220.5	216.0	211.2	206.3
115°	276.6	255.7	241.2	231.2	226.7	223.4	220.0	216.5	212.3	207.5	202.7
117.5°	270.2	250.6	235.5	226.0	221.3	218.2	215.2	211.7	207.5	203.0	198.7
120°	263.8	245.1	229.7	220.8	215.9	213.0	210.3	206.9	202.6	198.1	194.2
122.5°	256.0	237.9	223.6	214.6	210.1	207.2	204.6	201.3	197.2	192.9	188.4
125°	247.9	230.6	217.3	208.3	204.2	201.4	198.8	195.6	191.5	187.3	182.7
127.5°	238.3	221.7	209.2	201.0	197.1	194.2	191.8	189.1	185.1	181.0	176.7
130°	228.5	212.7	201.0	193.7	189.9	187.1	184.7	182.4	178.4	174.3	170.0
132.5°	218.3	203.7	192.8	185.7	182.1	179.2	176.9	174.7	171.0	167.0	162.8
135°	207.8	194.6	184.5	177.7	174.2	171.4	169.0	166.8	163.4	159.6	155.5
137.5°	196.6	184.5	175.2	168.7	165.3	162.6	160.5	158.2	155.2	151.8	148.0
140°	185.8	174.3	165.8	159.7	156.4	153.8	152.0	149.6	146.8	143.4	139.9
142.5°	174.2	163.4	155.8	150.0	147.1	144.6	142.8	140.6	138.1	134.9	131.5
145°	162.4	152.3	145.7	140.2	137.7	135.4	133.6	131.5	128.9	126.0	122.8
147.5°	149.8	140.5	134.8	129.5	127.3	125.1	123.5	121.6	119.1	116.5	113.6
150°	137.2	128.7	123.8	118.7	116.9	114.9	113.3	111.5	109.2	106.7	104.0
152.5°	124.5	116.8	112.3	107.6	105.9	104.0	102.5	100.8	98.8	96.4	93.9
155°	111.3	104.9	100.8	96.5	94.9	93.2	91.6	90.1	88.3	86.2	83.9
157.5°	96.8	92.0	88.5	84.7	83.4	81.9	80.5	79.1	77.5	75.7	73.7
160°	82.3	79.2	76.1	72.9	71.9	70.7	69.4	68.0	66.6	65.1	63.3
162.5°	68.8	66.4	63.8	61.1	60.2	59.1	57.9	56.8	55.6	54.3	52.9
165°	55.7	53.7	51.6	49.3	48.5	47.6	46.6	45.6	44.6	43.6	42.5
167.5°	43.6	41.9	40.1	38.2	37.6	36.9	36.2	35.3	34.4	33.6	32.6
170°	31.5	30.1	28.6	27.1	26.7	26.2	25.7	25.1	24.5	23.8	23.2
172.5°	20.9	19.9	18.8	17.7	17.5	17.2	16.9	16.6	16.2	15.7	15.2
175°	10.4	9.7	9.0	8.3	8.2	8.1	8.0	7.9	7.8	7.7	7.5
177.5°	5.2	4.9	4.5	4.2	4.1	4.1	4.1	4.0	4.0	3.9	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: P231992

CATALOG NUMBER: FVS4WM-4-LD4-30-2LO-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°	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8
5°	7.4	7.2	7.0	6.8	6.6	6.4	6.1	5.9	5.7	5.4	5.2
7.5°	14.7	14.2	13.6	13.0	12.4	11.7	11.0	10.3	9.5	8.7	7.9
10°	22.5	21.7	20.9	20.1	19.2	18.3	17.3	16.3	15.3	14.2	13.1
12.5°	31.6	30.5	29.3	28.0	26.6	25.1	23.6	22.1	20.9	19.7	18.4
15°	41.4	39.9	38.3	36.7	35.0	33.4	31.7	29.9	28.1	26.2	24.1
17.5°	51.2	49.4	47.5	45.6	43.6	41.6	39.6	37.4	35.1	32.7	30.3
20°	61.5	59.5	57.4	55.2	52.9	50.3	47.6	44.8	42.0	39.1	36.6
22.5°	71.6	69.4	67.0	64.5	61.6	58.6	55.6	52.6	49.6	46.5	43.1
25°	81.4	78.8	76.1	73.3	70.2	67.0	63.8	60.4	56.9	53.4	49.7
27.5°	91.2	88.3	85.5	82.5	79.1	75.6	71.9	68.0	64.2	60.2	56.1
30°	101.0	97.8	94.5	91.1	87.4	83.6	79.5	75.3	71.1	66.8	62.2
32.5°	110.4	106.9	103.3	99.4	95.4	91.2	86.9	82.6	78.1	73.1	68.1
35°	119.3	115.6	111.7	107.6	103.2	98.9	94.6	89.9	84.7	79.4	74.2
37.5°	127.9	124.2	120.2	115.6	110.9	106.5	101.7	96.4	91.0	85.4	79.9
40°	136.2	132.0	127.7	123.0	118.5	113.8	108.2	102.5	96.9	91.3	85.6
42.5°	144.0	139.8	135.2	130.4	125.5	120.0	114.4	108.7	102.9	97.2	90.9
45°	151.3	146.8	142.2	137.2	132.0	126.5	120.6	114.6	108.6	102.4	95.9
47.5°	158.5	154.0	149.1	143.7	137.8	132.1	126.3	120.2	114.1	107.6	100.4
50°	165.5	160.6	155.4	149.7	143.5	137.8	131.6	125.2	118.8	111.9	104.6
52.5°	172.1	167.0	161.8	155.5	149.2	143.1	136.7	130.0	123.4	116.3	109.0
55°	177.7	172.6	167.3	160.7	154.5	148.2	141.7	134.6	127.6	120.4	112.9
57.5°	183.3	178.2	172.5	165.9	159.3	152.7	145.9	138.8	131.6	124.3	116.3
60°	188.5	183.0	176.9	170.4	163.7	156.9	150.1	142.6	135.0	127.5	119.6
62.5°	193.2	187.5	181.3	174.7	167.7	160.7	153.6	145.9	138.3	130.5	122.3
65°	197.3	191.2	184.8	178.3	171.2	164.4	156.9	149.1	141.3	133.1	124.4
67.5°	200.9	194.6	188.4	181.8	174.7	167.4	159.6	151.8	143.9	135.1	126.2
70°	204.1	197.7	191.4	184.6	177.3	170.0	162.2	154.2	146.2	137.0	128.1
72.5°	206.7	200.4	194.1	187.2	179.9	172.5	164.4	156.0	147.6	138.5	129.9
75°	209.0	202.4	195.9	188.8	181.5	174.1	166.1	157.5	148.8	140.1	131.6
77.5°	210.7	203.9	197.5	190.3	183.1	175.7	167.6	158.7	149.9	141.0	131.8
80°	212.1	205.2	198.9	191.4	183.9	176.4	168.2	159.3	150.6	141.4	132.1
82.5°	213.1	206.2	199.7	192.1	184.7	177.0	168.8	159.8	150.9	141.8	132.7
85°	213.9	207.0	200.1	192.5	185.4	177.2	169.4	160.0	151.4	142.3	132.8
87.5°	214.2	207.0	200.4	192.4	185.8	177.4	169.5	160.1	151.6	142.5	132.8
90°	214.5	206.9	200.7	192.3	186.1	177.7	169.4	160.4	151.4	142.3	132.6
92.5°	214.2	207.0	200.4	192.4	185.8	177.4	169.5	160.1	151.6	142.5	132.8
95°	213.9	207.0	200.1	192.5	185.4	177.2	169.4	160.0	151.4	142.3	132.8
97.5°	213.1	206.2	199.7	192.1	184.7	177.0	168.8	159.8	150.9	141.8	132.7
100°	212.1	205.2	198.9	191.4	183.9	176.4	168.2	159.3	150.6	141.4	132.1
102.5°	210.7	203.9	197.5	190.3	183.1	175.7	167.6	158.7	149.9	141.0	131.8
105°	209.0	202.4	195.9	188.8	181.5	174.1	166.1	157.5	148.8	140.1	131.6
107.5°	206.7	200.4	194.1	187.2	179.9	172.5	164.4	156.0	147.6	138.5	129.9
110°	204.1	197.7	191.4	184.6	177.3	170.0	162.2	154.2	146.2	137.0	128.1



TEST NUMBER: P231992

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

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	200.9	194.6	188.4	181.8	174.7	167.4	159.6	151.8	143.9	135.1	126.2
115°	197.3	191.2	184.8	178.3	171.2	164.4	156.9	149.1	141.3	133.1	124.4
117.5°	193.2	187.5	181.3	174.7	167.7	160.7	153.6	145.9	138.3	130.5	122.3
120°	188.5	183.0	176.9	170.4	163.7	156.9	150.1	142.6	135.0	127.5	119.6
122.5°	183.3	178.2	172.5	165.9	159.3	152.7	145.9	138.8	131.6	124.3	116.3
125°	177.7	172.6	167.3	160.7	154.5	148.2	141.7	134.6	127.6	120.4	112.9
127.5°	172.1	167.0	161.8	155.5	149.2	143.1	136.7	130.0	123.4	116.3	109.0
130°	165.5	160.6	155.4	149.7	143.5	137.8	131.6	125.2	118.8	111.9	104.6
132.5°	158.5	154.0	149.1	143.7	137.8	132.1	126.3	120.2	114.1	107.6	100.4
135°	151.3	146.8	142.2	137.2	132.0	126.5	120.6	114.6	108.6	102.4	95.9
137.5°	144.0	139.8	135.2	130.4	125.5	120.0	114.4	108.7	102.9	97.2	90.9
140°	136.2	132.0	127.7	123.0	118.5	113.8	108.2	102.5	96.9	91.3	85.6
142.5°	127.9	124.2	120.2	115.6	110.9	106.5	101.7	96.4	91.0	85.4	79.9
145°	119.3	115.6	111.7	107.6	103.2	98.9	94.6	89.9	84.7	79.4	74.2
147.5°	110.4	106.9	103.3	99.4	95.4	91.2	86.9	82.6	78.1	73.1	68.1
150°	101.0	97.8	94.5	91.1	87.4	83.6	79.5	75.3	71.1	66.8	62.2
152.5°	91.2	88.3	85.5	82.5	79.1	75.6	71.9	68.0	64.2	60.2	56.1
155°	81.4	78.8	76.1	73.3	70.2	67.0	63.8	60.4	56.9	53.4	49.7
157.5°	71.6	69.4	67.0	64.5	61.6	58.6	55.6	52.6	49.6	46.5	43.1
160°	61.5	59.5	57.4	55.2	52.9	50.3	47.6	44.8	42.0	39.1	36.6
162.5°	51.2	49.4	47.5	45.6	43.6	41.6	39.6	37.4	35.1	32.7	30.3
165°	41.4	39.9	38.3	36.7	35.0	33.4	31.7	29.9	28.1	26.2	24.1
167.5°	31.6	30.5	29.3	28.0	26.6	25.1	23.6	22.1	20.9	19.7	18.4
170°	22.5	21.7	20.9	20.1	19.2	18.3	17.3	16.3	15.3	14.2	13.1
172.5°	14.7	14.2	13.6	13.0	12.4	11.7	11.0	10.3	9.5	8.7	7.9
175°	7.4	7.2	7.0	6.8	6.6	6.4	6.1	5.9	5.7	5.4	5.2
177.5°	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231992

CATALOG NUMBER: FVS4WM-4-LD4-30-2LO-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°	2.6	2.5	2.4	2.2	2.1	1.9	1.8	1.6	1.5	1.3	1.1
5°	4.9	4.7	4.4	4.1	3.8	3.6	3.3	3.0	2.7	2.4	2.1
7.5°	6.8	6.5	6.1	5.7	5.3	4.9	4.5	4.1	3.7	3.3	2.9
10°	12.0	10.9	9.7	8.5	7.3	5.9	5.5	5.0	4.5	4.0	3.5
12.5°	17.0	15.6	14.2	12.7	11.1	9.5	7.9	6.3	5.0	4.4	3.9
15°	22.0	20.0	18.2	16.4	14.6	12.8	11.0	9.2	7.4	5.6	4.5
17.5°	27.8	25.3	22.7	20.1	17.8	15.8	13.8	11.8	9.8	7.7	5.6
20°	33.8	30.9	28.0	25.1	22.2	19.3	16.7	14.3	11.9	9.5	7.1
22.5°	39.7	36.1	33.0	29.8	26.5	23.2	19.8	16.4	13.7	11.1	8.5
25°	45.9	42.1	38.3	34.4	30.6	26.9	23.1	19.3	15.6	12.7	9.9
27.5°	51.9	47.6	43.3	39.0	34.6	30.3	26.3	22.4	18.5	14.2	11.3
30°	57.5	52.8	48.3	43.7	39.0	34.1	29.2	25.0	20.7	16.5	12.3
32.5°	63.3	58.5	53.5	48.1	43.1	37.9	32.8	27.6	23.3	18.6	13.9
35°	69.1	63.7	58.2	52.7	47.1	41.6	36.2	30.8	25.4	20.4	15.5
37.5°	74.4	68.7	62.7	56.9	51.0	45.1	39.2	33.5	27.8	22.2	16.9
40°	79.7	73.5	67.3	61.0	54.7	48.5	42.3	35.9	29.6	23.5	17.8
42.5°	84.6	78.2	71.6	65.0	58.4	51.6	44.7	37.9	31.2	25.0	19.0
45°	89.3	82.5	75.7	68.8	61.6	54.3	47.1	39.9	32.8	26.1	19.8
47.5°	93.5	86.6	79.4	71.9	64.5	57.0	49.1	41.4	34.2	27.1	20.6
50°	97.8	90.5	82.8	75.0	67.1	58.7	50.5	42.8	35.6	28.2	21.5
52.5°	101.7	94.4	86.2	77.8	69.3	60.4	51.8	44.0	36.2	28.9	22.1
55°	105.2	97.2	89.0	79.9	70.9	62.0	53.4	45.2	37.2	29.9	22.8
57.5°	108.2	99.9	91.2	82.1	72.9	63.5	54.6	46.0	37.9	30.3	23.0
60°	111.5	102.6	93.6	84.3	74.4	64.8	55.7	47.1	38.7	31.1	23.5
62.5°	113.8	105.1	96.1	86.2	75.9	65.9	56.5	47.7	39.0	31.1	23.8
65°	116.2	107.5	98.2	88.3	77.2	66.7	57.2	48.2	39.5	31.1	23.6
67.5°	117.8	109.3	100.3	90.1	78.8	67.7	57.8	48.5	39.6	31.4	23.8
70°	119.3	110.6	101.8	91.8	80.3	69.0	58.2	48.4	39.3	31.2	23.4
72.5°	121.1	112.2	102.8	92.8	81.8	70.2	58.9	48.7	39.1	30.6	22.8
75°	121.9	112.9	103.1	93.7	83.4	71.6	59.7	48.9	39.4	30.3	22.5
77.5°	122.5	113.1	103.7	94.5	84.3	73.0	61.0	49.5	39.4	29.9	21.6
80°	123.0	113.4	103.7	94.4	84.4	74.1	62.9	50.7	39.3	29.2	20.8
82.5°	123.1	113.4	103.3	94.0	83.9	73.6	63.4	52.2	40.0	28.8	19.6
85°	123.2	113.4	103.3	93.7	82.8	73.0	62.7	52.4	41.7	30.1	19.1
87.5°	123.3	113.5	103.8	93.4	82.3	72.6	62.2	51.8	41.5	31.1	20.6
90°	123.6	113.2	103.5	93.7	81.9	72.9	61.8	51.4	41.7	30.5	20.8
92.5°	123.3	113.5	103.8	93.4	82.3	72.6	62.2	51.8	41.5	31.1	20.6
95°	123.2	113.4	103.3	93.7	82.8	73.0	62.7	52.4	41.7	30.1	19.1
97.5°	123.1	113.4	103.3	94.0	83.9	73.6	63.4	52.2	40.0	28.8	19.6
100°	123.0	113.4	103.7	94.4	84.4	74.1	62.9	50.7	39.3	29.2	20.8
102.5°	122.5	113.1	103.7	94.5	84.3	73.0	61.0	49.5	39.4	29.9	21.6
105°	121.9	112.9	103.1	93.7	83.4	71.6	59.7	48.9	39.4	30.3	22.5
107.5°	121.1	112.2	102.8	92.8	81.8	70.2	58.9	48.7	39.1	30.6	22.8
110°	119.3	110.6	101.8	91.8	80.3	69.0	58.2	48.4	39.3	31.2	23.4



TEST NUMBER: P231992

CATALOG NUMBER: FVS4WM-4-LD4-30-2LO-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°	117.8	109.3	100.3	90.1	78.8	67.7	57.8	48.5	39.6	31.4	23.8
115°	116.2	107.5	98.2	88.3	77.2	66.7	57.2	48.2	39.5	31.1	23.6
117.5°	113.8	105.1	96.1	86.2	75.9	65.9	56.5	47.7	39.0	31.1	23.8
120°	111.5	102.6	93.6	84.3	74.4	64.8	55.7	47.1	38.7	31.1	23.5
122.5°	108.2	99.9	91.2	82.1	72.9	63.5	54.6	46.0	37.9	30.3	23.0
125°	105.2	97.2	89.0	79.9	70.9	62.0	53.4	45.2	37.2	29.9	22.8
127.5°	101.7	94.4	86.2	77.8	69.3	60.4	51.8	44.0	36.2	28.9	22.1
130°	97.8	90.5	82.8	75.0	67.1	58.7	50.5	42.8	35.6	28.2	21.5
132.5°	93.5	86.6	79.4	71.9	64.5	57.0	49.1	41.4	34.2	27.1	20.6
135°	89.3	82.5	75.7	68.8	61.6	54.3	47.1	39.9	32.8	26.1	19.8
137.5°	84.6	78.2	71.6	65.0	58.4	51.6	44.7	37.9	31.2	25.0	19.0
140°	79.7	73.5	67.3	61.0	54.7	48.5	42.3	35.9	29.6	23.5	17.8
142.5°	74.4	68.7	62.7	56.9	51.0	45.1	39.2	33.5	27.8	22.2	16.9
145°	69.1	63.7	58.2	52.7	47.1	41.6	36.2	30.8	25.4	20.4	15.5
147.5°	63.3	58.5	53.5	48.1	43.1	37.9	32.8	27.6	23.3	18.6	13.9
150°	57.5	52.8	48.3	43.7	39.0	34.1	29.2	25.0	20.7	16.5	12.3
152.5°	51.9	47.6	43.3	39.0	34.6	30.3	26.3	22.4	18.5	14.2	11.3
155°	45.9	42.1	38.3	34.4	30.6	26.9	23.1	19.3	15.6	12.7	9.9
157.5°	39.7	36.1	33.0	29.8	26.5	23.2	19.8	16.4	13.7	11.1	8.5
160°	33.8	30.9	28.0	25.1	22.2	19.3	16.7	14.3	11.9	9.5	7.1
162.5°	27.8	25.3	22.7	20.1	17.8	15.8	13.8	11.8	9.8	7.7	5.6
165°	22.0	20.0	18.2	16.4	14.6	12.8	11.0	9.2	7.4	5.6	4.5
167.5°	17.0	15.6	14.2	12.7	11.1	9.5	7.9	6.3	5.0	4.4	3.9
170°	12.0	10.9	9.7	8.5	7.3	5.9	5.5	5.0	4.5	4.0	3.5
172.5°	6.8	6.5	6.1	5.7	5.3	4.9	4.5	4.1	3.7	3.3	2.9
175°	4.9	4.7	4.4	4.1	3.8	3.6	3.3	3.0	2.7	2.4	2.1
177.5°	2.6	2.5	2.4	2.2	2.1	1.9	1.8	1.6	1.5	1.3	1.1
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: P231992

CATALOG NUMBER: FVS4WM-4-LD4-30-2LO-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°	1.0	0.8	0.7	0.5	0.3	0.2	0.0	0.2	0.3	0.5	0.7
5°	1.8	1.5	1.2	0.9	0.6	0.3	0.0	0.3	0.6	0.9	1.2
7.5°	2.4	2.0	1.6	1.2	0.8	0.4	0.0	0.4	0.8	1.2	1.6
10°	3.0	2.5	2.0	1.5	1.0	0.5	0.0	0.5	1.0	1.5	2.0
12.5°	3.3	2.7	2.2	1.6	1.1	0.5	0.0	0.5	1.1	1.6	2.2
15°	3.9	3.3	2.6	2.0	1.3	0.7	0.0	0.7	1.3	2.0	2.6
17.5°	4.1	3.4	2.7	2.0	1.3	0.7	0.0	0.7	1.3	2.0	2.7
20°	4.7	3.3	2.6	1.9	1.3	0.6	0.0	0.6	1.3	1.9	2.6
22.5°	5.9	3.3	2.4	1.8	1.2	0.6	0.0	0.6	1.2	1.8	2.4
25°	7.1	4.2	2.0	1.5	1.0	0.5	0.0	0.5	1.0	1.5	2.0
27.5°	8.1	5.0	1.9	1.1	0.7	0.4	0.0	0.4	0.7	1.1	1.9
30°	9.1	6.0	2.9	1.2	0.8	0.4	0.0	0.4	0.8	1.2	2.9
32.5°	9.8	6.6	3.4	0.7	0.5	0.2	0.0	0.2	0.5	0.7	3.4
35°	10.5	7.1	4.0	1.1	0.5	0.2	0.0	0.2	0.5	1.1	4.0
37.5°	11.7	7.3	4.5	1.7	0.5	0.3	0.0	0.3	0.5	1.7	4.5
40°	12.6	7.5	4.6	2.1	0.6	0.3	0.0	0.3	0.6	2.1	4.6
42.5°	13.5	8.3	4.4	2.3	0.6	0.3	0.0	0.3	0.6	2.3	4.4
45°	13.8	8.7	3.9	1.9	0.1	0.0	0.0	0.0	0.1	1.9	3.9
47.5°	14.6	9.2	4.4	2.0	0.8	0.7	0.7	0.7	0.8	2.0	4.4
50°	15.3	9.5	4.9	1.9	1.0	0.7	0.7	0.7	1.0	1.9	4.9
52.5°	15.6	9.7	5.1	1.5	0.9	0.7	0.7	0.7	0.9	1.5	5.1
55°	16.0	10.0	4.9	1.9	1.0	0.7	0.7	0.7	1.0	1.9	4.9
57.5°	16.3	10.2	4.6	1.9	0.8	0.7	0.7	0.7	0.8	1.9	4.6
60°	16.5	10.3	5.2	2.0	0.7	0.7	0.7	0.7	0.7	2.0	5.2
62.5°	17.0	10.9	5.6	2.1	0.7	0.7	0.7	0.7	0.7	2.1	5.6
65°	17.2	11.3	5.5	2.0	0.8	0.7	0.7	0.7	0.8	2.0	5.5
67.5°	17.1	10.9	5.3	1.9	0.8	0.7	0.7	0.7	0.8	1.9	5.3
70°	16.7	10.9	5.1	1.7	0.7	0.7	0.7	0.7	0.7	1.7	5.1
72.5°	16.3	10.3	5.0	1.7	0.3	0.7	0.7	0.7	0.3	1.7	5.0
75°	15.4	9.6	4.6	1.2	0.1	0.7	0.7	0.7	0.1	1.2	4.6
77.5°	14.5	8.9	3.7	0.6	0.0	0.1	0.0	0.1	0.0	0.6	3.7
80°	13.2	7.2	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6
82.5°	11.8	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	10.3	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	10.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	11.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	10.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	10.3	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	11.8	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	13.2	7.2	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6
102.5°	14.5	8.9	3.7	0.6	0.0	0.1	0.0	0.1	0.0	0.6	3.7
105°	15.4	9.6	4.6	1.2	0.1	0.7	0.7	0.7	0.1	1.2	4.6
107.5°	16.3	10.3	5.0	1.7	0.3	0.7	0.7	0.7	0.3	1.7	5.0
110°	16.7	10.9	5.1	1.7	0.7	0.7	0.7	0.7	0.7	1.7	5.1



TEST NUMBER: P231992

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

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	17.1	10.9	5.3	1.9	0.8	0.7	0.7	0.7	0.8	1.9	5.3
115°	17.2	11.3	5.5	2.0	0.8	0.7	0.7	0.7	0.8	2.0	5.5
117.5°	17.0	10.9	5.6	2.1	0.7	0.7	0.7	0.7	0.7	2.1	5.6
120°	16.5	10.3	5.2	2.0	0.7	0.7	0.7	0.7	0.7	2.0	5.2
122.5°	16.3	10.2	4.6	1.9	0.8	0.7	0.7	0.7	0.8	1.9	4.6
125°	16.0	10.0	4.9	1.9	1.0	0.7	0.7	0.7	1.0	1.9	4.9
127.5°	15.6	9.7	5.1	1.5	0.9	0.7	0.7	0.7	0.9	1.5	5.1
130°	15.3	9.5	4.9	1.9	1.0	0.7	0.7	0.7	1.0	1.9	4.9
132.5°	14.6	9.2	4.4	2.0	0.8	0.7	0.7	0.7	0.8	2.0	4.4
135°	13.8	8.7	3.9	1.9	0.1	0.0	0.0	0.0	0.1	1.9	3.9
137.5°	13.5	8.3	4.4	2.3	0.6	0.3	0.0	0.3	0.6	2.3	4.4
140°	12.6	7.5	4.6	2.1	0.6	0.3	0.0	0.3	0.6	2.1	4.6
142.5°	11.7	7.3	4.5	1.7	0.5	0.3	0.0	0.3	0.5	1.7	4.5
145°	10.5	7.1	4.0	1.1	0.5	0.2	0.0	0.2	0.5	1.1	4.0
147.5°	9.8	6.6	3.4	0.7	0.5	0.2	0.0	0.2	0.5	0.7	3.4
150°	9.1	6.0	2.9	1.2	0.8	0.4	0.0	0.4	0.8	1.2	2.9
152.5°	8.1	5.0	1.9	1.1	0.7	0.4	0.0	0.4	0.7	1.1	1.9
155°	7.1	4.2	2.0	1.5	1.0	0.5	0.0	0.5	1.0	1.5	2.0
157.5°	5.9	3.3	2.4	1.8	1.2	0.6	0.0	0.6	1.2	1.8	2.4
160°	4.7	3.3	2.6	1.9	1.3	0.6	0.0	0.6	1.3	1.9	2.6
162.5°	4.1	3.4	2.7	2.0	1.3	0.7	0.0	0.7	1.3	2.0	2.7
165°	3.9	3.3	2.6	2.0	1.3	0.7	0.0	0.7	1.3	2.0	2.6
167.5°	3.3	2.7	2.2	1.6	1.1	0.5	0.0	0.5	1.1	1.6	2.2
170°	3.0	2.5	2.0	1.5	1.0	0.5	0.0	0.5	1.0	1.5	2.0
172.5°	2.4	2.0	1.6	1.2	0.8	0.4	0.0	0.4	0.8	1.2	1.6
175°	1.8	1.5	1.2	0.9	0.6	0.3	0.0	0.3	0.6	0.9	1.2
177.5°	1.0	0.8	0.7	0.5	0.3	0.2	0.0	0.2	0.3	0.5	0.7
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: P231992

CATALOG NUMBER: FVS4WM-4-LD4-30-2LO-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°	0.8	1.0	1.1	1.3	1.5	1.6	1.8	1.9	2.1	2.2	2.4
5°	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.6	3.8	4.1	4.4
7.5°	2.0	2.4	2.9	3.3	3.7	4.1	4.5	4.9	5.3	5.7	6.1
10°	2.5	3.0	3.5	4.0	4.5	5.0	5.5	5.9	7.3	8.5	9.7
12.5°	2.7	3.3	3.9	4.4	5.0	6.3	7.9	9.5	11.1	12.7	14.2
15°	3.3	3.9	4.5	5.6	7.4	9.2	11.0	12.8	14.6	16.4	18.2
17.5°	3.4	4.1	5.6	7.7	9.8	11.8	13.8	15.8	17.8	20.1	22.7
20°	3.3	4.7	7.1	9.5	11.9	14.3	16.7	19.3	22.2	25.1	28.0
22.5°	3.3	5.9	8.5	11.1	13.7	16.4	19.8	23.2	26.5	29.8	33.0
25°	4.2	7.1	9.9	12.7	15.6	19.3	23.1	26.9	30.6	34.4	38.3
27.5°	5.0	8.1	11.3	14.2	18.5	22.4	26.3	30.3	34.6	39.0	43.3
30°	6.0	9.1	12.3	16.5	20.7	25.0	29.2	34.1	39.0	43.7	48.3
32.5°	6.6	9.8	13.9	18.6	23.3	27.6	32.8	37.9	43.1	48.1	53.5
35°	7.1	10.5	15.5	20.4	25.4	30.8	36.2	41.6	47.1	52.7	58.2
37.5°	7.3	11.7	16.9	22.2	27.8	33.5	39.2	45.1	51.0	56.9	62.7
40°	7.5	12.6	17.8	23.5	29.6	35.9	42.3	48.5	54.7	61.0	67.3
42.5°	8.3	13.5	19.0	25.0	31.2	37.9	44.7	51.6	58.4	65.0	71.6
45°	8.7	13.8	19.8	26.1	32.8	39.9	47.1	54.3	61.6	68.8	75.7
47.5°	9.2	14.6	20.6	27.1	34.2	41.4	49.1	57.0	64.5	71.9	79.4
50°	9.5	15.3	21.5	28.2	35.6	42.8	50.5	58.7	67.1	75.0	82.8
52.5°	9.7	15.6	22.1	28.9	36.2	44.0	51.8	60.4	69.3	77.8	86.2
55°	10.0	16.0	22.8	29.9	37.2	45.2	53.4	62.0	70.9	79.9	89.0
57.5°	10.2	16.3	23.0	30.3	37.9	46.0	54.6	63.5	72.9	82.1	91.2
60°	10.3	16.5	23.5	31.1	38.7	47.1	55.7	64.8	74.4	84.3	93.6
62.5°	10.9	17.0	23.8	31.1	39.0	47.7	56.5	65.9	75.9	86.2	96.1
65°	11.3	17.2	23.6	31.1	39.5	48.2	57.2	66.7	77.2	88.3	98.2
67.5°	10.9	17.1	23.8	31.4	39.6	48.5	57.8	67.7	78.8	90.1	100.3
70°	10.9	16.7	23.4	31.2	39.3	48.4	58.2	69.0	80.3	91.8	101.8
72.5°	10.3	16.3	22.8	30.6	39.1	48.7	58.9	70.2	81.8	92.8	102.8
75°	9.6	15.4	22.5	30.3	39.4	48.9	59.7	71.6	83.4	93.7	103.1
77.5°	8.9	14.5	21.6	29.9	39.4	49.5	61.0	73.0	84.3	94.5	103.7
80°	7.2	13.2	20.8	29.2	39.3	50.7	62.9	74.1	84.4	94.4	103.7
82.5°	5.1	11.8	19.6	28.8	40.0	52.2	63.4	73.6	83.9	94.0	103.3
85°	2.8	10.3	19.1	30.1	41.7	52.4	62.7	73.0	82.8	93.7	103.3
87.5°	0.9	10.0	20.6	31.1	41.5	51.8	62.2	72.6	82.3	93.4	103.8
90°	0.0	11.8	20.8	30.5	41.7	51.4	61.8	72.9	81.9	93.7	103.5
92.5°	0.9	10.0	20.6	31.1	41.5	51.8	62.2	72.6	82.3	93.4	103.8
95°	2.8	10.3	19.1	30.1	41.7	52.4	62.7	73.0	82.8	93.7	103.3
97.5°	5.1	11.8	19.6	28.8	40.0	52.2	63.4	73.6	83.9	94.0	103.3
100°	7.2	13.2	20.8	29.2	39.3	50.7	62.9	74.1	84.4	94.4	103.7
102.5°	8.9	14.5	21.6	29.9	39.4	49.5	61.0	73.0	84.3	94.5	103.7
105°	9.6	15.4	22.5	30.3	39.4	48.9	59.7	71.6	83.4	93.7	103.1
107.5°	10.3	16.3	22.8	30.6	39.1	48.7	58.9	70.2	81.8	92.8	102.8
110°	10.9	16.7	23.4	31.2	39.3	48.4	58.2	69.0	80.3	91.8	101.8



TEST NUMBER: P231992

CATALOG NUMBER: FVS4WM-4-LD4-30-2LO-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°	10.9	17.1	23.8	31.4	39.6	48.5	57.8	67.7	78.8	90.1	100.3
115°	11.3	17.2	23.6	31.1	39.5	48.2	57.2	66.7	77.2	88.3	98.2
117.5°	10.9	17.0	23.8	31.1	39.0	47.7	56.5	65.9	75.9	86.2	96.1
120°	10.3	16.5	23.5	31.1	38.7	47.1	55.7	64.8	74.4	84.3	93.6
122.5°	10.2	16.3	23.0	30.3	37.9	46.0	54.6	63.5	72.9	82.1	91.2
125°	10.0	16.0	22.8	29.9	37.2	45.2	53.4	62.0	70.9	79.9	89.0
127.5°	9.7	15.6	22.1	28.9	36.2	44.0	51.8	60.4	69.3	77.8	86.2
130°	9.5	15.3	21.5	28.2	35.6	42.8	50.5	58.7	67.1	75.0	82.8
132.5°	9.2	14.6	20.6	27.1	34.2	41.4	49.1	57.0	64.5	71.9	79.4
135°	8.7	13.8	19.8	26.1	32.8	39.9	47.1	54.3	61.6	68.8	75.7
137.5°	8.3	13.5	19.0	25.0	31.2	37.9	44.7	51.6	58.4	65.0	71.6
140°	7.5	12.6	17.8	23.5	29.6	35.9	42.3	48.5	54.7	61.0	67.3
142.5°	7.3	11.7	16.9	22.2	27.8	33.5	39.2	45.1	51.0	56.9	62.7
145°	7.1	10.5	15.5	20.4	25.4	30.8	36.2	41.6	47.1	52.7	58.2
147.5°	6.6	9.8	13.9	18.6	23.3	27.6	32.8	37.9	43.1	48.1	53.5
150°	6.0	9.1	12.3	16.5	20.7	25.0	29.2	34.1	39.0	43.7	48.3
152.5°	5.0	8.1	11.3	14.2	18.5	22.4	26.3	30.3	34.6	39.0	43.3
155°	4.2	7.1	9.9	12.7	15.6	19.3	23.1	26.9	30.6	34.4	38.3
157.5°	3.3	5.9	8.5	11.1	13.7	16.4	19.8	23.2	26.5	29.8	33.0
160°	3.3	4.7	7.1	9.5	11.9	14.3	16.7	19.3	22.2	25.1	28.0
162.5°	3.4	4.1	5.6	7.7	9.8	11.8	13.8	15.8	17.8	20.1	22.7
165°	3.3	3.9	4.5	5.6	7.4	9.2	11.0	12.8	14.6	16.4	18.2
167.5°	2.7	3.3	3.9	4.4	5.0	6.3	7.9	9.5	11.1	12.7	14.2
170°	2.5	3.0	3.5	4.0	4.5	5.0	5.5	5.9	7.3	8.5	9.7
172.5°	2.0	2.4	2.9	3.3	3.7	4.1	4.5	4.9	5.3	5.7	6.1
175°	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.6	3.8	4.1	4.4
177.5°	0.8	1.0	1.1	1.3	1.5	1.6	1.8	1.9	2.1	2.2	2.4
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: P231992

CATALOG NUMBER: FVS4WM-4-LD4-30-2LO-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°	2.5	2.6	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.6
5°	4.7	4.9	5.2	5.4	5.7	5.9	6.1	6.4	6.6	6.8	7.0
7.5°	6.5	6.8	7.9	8.7	9.5	10.3	11.0	11.7	12.4	13.0	13.6
10°	10.9	12.0	13.1	14.2	15.3	16.3	17.3	18.3	19.2	20.1	20.9
12.5°	15.6	17.0	18.4	19.7	20.9	22.1	23.6	25.1	26.6	28.0	29.3
15°	20.0	22.0	24.1	26.2	28.1	29.9	31.7	33.4	35.0	36.7	38.3
17.5°	25.3	27.8	30.3	32.7	35.1	37.4	39.6	41.6	43.6	45.6	47.5
20°	30.9	33.8	36.6	39.1	42.0	44.8	47.6	50.3	52.9	55.2	57.4
22.5°	36.1	39.7	43.1	46.5	49.6	52.6	55.6	58.6	61.6	64.5	67.0
25°	42.1	45.9	49.7	53.4	56.9	60.4	63.8	67.0	70.2	73.3	76.1
27.5°	47.6	51.9	56.1	60.2	64.2	68.0	71.9	75.6	79.1	82.5	85.5
30°	52.8	57.5	62.2	66.8	71.1	75.3	79.5	83.6	87.4	91.1	94.5
32.5°	58.5	63.3	68.1	73.1	78.1	82.6	86.9	91.2	95.4	99.4	103.3
35°	63.7	69.1	74.2	79.4	84.7	89.9	94.6	98.9	103.2	107.6	111.7
37.5°	68.7	74.4	79.9	85.4	91.0	96.4	101.7	106.5	110.9	115.6	120.2
40°	73.5	79.7	85.6	91.3	96.9	102.5	108.2	113.8	118.5	123.0	127.7
42.5°	78.2	84.6	90.9	97.2	102.9	108.7	114.4	120.0	125.5	130.4	135.2
45°	82.5	89.3	95.9	102.4	108.6	114.6	120.6	126.5	132.0	137.2	142.2
47.5°	86.6	93.5	100.4	107.6	114.1	120.2	126.3	132.1	137.8	143.7	149.1
50°	90.5	97.8	104.6	111.9	118.8	125.2	131.6	137.8	143.5	149.7	155.4
52.5°	94.4	101.7	109.0	116.3	123.4	130.0	136.7	143.1	149.2	155.5	161.8
55°	97.2	105.2	112.9	120.4	127.6	134.6	141.7	148.2	154.5	160.7	167.3
57.5°	99.9	108.2	116.3	124.3	131.6	138.8	145.9	152.7	159.3	165.9	172.5
60°	102.6	111.5	119.6	127.5	135.0	142.6	150.1	156.9	163.7	170.4	176.9
62.5°	105.1	113.8	122.3	130.5	138.3	145.9	153.6	160.7	167.7	174.7	181.3
65°	107.5	116.2	124.4	133.1	141.3	149.1	156.9	164.4	171.2	178.3	184.8
67.5°	109.3	117.8	126.2	135.1	143.9	151.8	159.6	167.4	174.7	181.8	188.4
70°	110.6	119.3	128.1	137.0	146.2	154.2	162.2	170.0	177.3	184.6	191.4
72.5°	112.2	121.1	129.9	138.5	147.6	156.0	164.4	172.5	179.9	187.2	194.1
75°	112.9	121.9	131.6	140.1	148.8	157.5	166.1	174.1	181.5	188.8	195.9
77.5°	113.1	122.5	131.8	141.0	149.9	158.7	167.6	175.7	183.1	190.3	197.5
80°	113.4	123.0	132.1	141.4	150.6	159.3	168.2	176.4	183.9	191.4	198.9
82.5°	113.4	123.1	132.7	141.8	150.9	159.8	168.8	177.0	184.7	192.1	199.7
85°	113.4	123.2	132.8	142.3	151.4	160.0	169.4	177.2	185.4	192.5	200.1
87.5°	113.5	123.3	132.8	142.5	151.6	160.1	169.5	177.4	185.8	192.4	200.4
90°	113.2	123.6	132.6	142.3	151.4	160.4	169.4	177.7	186.1	192.3	200.7
92.5°	113.5	123.3	132.8	142.5	151.6	160.1	169.5	177.4	185.8	192.4	200.4
95°	113.4	123.2	132.8	142.3	151.4	160.0	169.4	177.2	185.4	192.5	200.1
97.5°	113.4	123.1	132.7	141.8	150.9	159.8	168.8	177.0	184.7	192.1	199.7
100°	113.4	123.0	132.1	141.4	150.6	159.3	168.2	176.4	183.9	191.4	198.9
102.5°	113.1	122.5	131.8	141.0	149.9	158.7	167.6	175.7	183.1	190.3	197.5
105°	112.9	121.9	131.6	140.1	148.8	157.5	166.1	174.1	181.5	188.8	195.9
107.5°	112.2	121.1	129.9	138.5	147.6	156.0	164.4	172.5	179.9	187.2	194.1
110°	110.6	119.3	128.1	137.0	146.2	154.2	162.2	170.0	177.3	184.6	191.4



TEST NUMBER: P231992

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

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	109.3	117.8	126.2	135.1	143.9	151.8	159.6	167.4	174.7	181.8	188.4
115°	107.5	116.2	124.4	133.1	141.3	149.1	156.9	164.4	171.2	178.3	184.8
117.5°	105.1	113.8	122.3	130.5	138.3	145.9	153.6	160.7	167.7	174.7	181.3
120°	102.6	111.5	119.6	127.5	135.0	142.6	150.1	156.9	163.7	170.4	176.9
122.5°	99.9	108.2	116.3	124.3	131.6	138.8	145.9	152.7	159.3	165.9	172.5
125°	97.2	105.2	112.9	120.4	127.6	134.6	141.7	148.2	154.5	160.7	167.3
127.5°	94.4	101.7	109.0	116.3	123.4	130.0	136.7	143.1	149.2	155.5	161.8
130°	90.5	97.8	104.6	111.9	118.8	125.2	131.6	137.8	143.5	149.7	155.4
132.5°	86.6	93.5	100.4	107.6	114.1	120.2	126.3	132.1	137.8	143.7	149.1
135°	82.5	89.3	95.9	102.4	108.6	114.6	120.6	126.5	132.0	137.2	142.2
137.5°	78.2	84.6	90.9	97.2	102.9	108.7	114.4	120.0	125.5	130.4	135.2
140°	73.5	79.7	85.6	91.3	96.9	102.5	108.2	113.8	118.5	123.0	127.7
142.5°	68.7	74.4	79.9	85.4	91.0	96.4	101.7	106.5	110.9	115.6	120.2
145°	63.7	69.1	74.2	79.4	84.7	89.9	94.6	98.9	103.2	107.6	111.7
147.5°	58.5	63.3	68.1	73.1	78.1	82.6	86.9	91.2	95.4	99.4	103.3
150°	52.8	57.5	62.2	66.8	71.1	75.3	79.5	83.6	87.4	91.1	94.5
152.5°	47.6	51.9	56.1	60.2	64.2	68.0	71.9	75.6	79.1	82.5	85.5
155°	42.1	45.9	49.7	53.4	56.9	60.4	63.8	67.0	70.2	73.3	76.1
157.5°	36.1	39.7	43.1	46.5	49.6	52.6	55.6	58.6	61.6	64.5	67.0
160°	30.9	33.8	36.6	39.1	42.0	44.8	47.6	50.3	52.9	55.2	57.4
162.5°	25.3	27.8	30.3	32.7	35.1	37.4	39.6	41.6	43.6	45.6	47.5
165°	20.0	22.0	24.1	26.2	28.1	29.9	31.7	33.4	35.0	36.7	38.3
167.5°	15.6	17.0	18.4	19.7	20.9	22.1	23.6	25.1	26.6	28.0	29.3
170°	10.9	12.0	13.1	14.2	15.3	16.3	17.3	18.3	19.2	20.1	20.9
172.5°	6.5	6.8	7.9	8.7	9.5	10.3	11.0	11.7	12.4	13.0	13.6
175°	4.7	4.9	5.2	5.4	5.7	5.9	6.1	6.4	6.6	6.8	7.0
177.5°	2.5	2.6	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.6
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: P231992

CATALOG NUMBER: FVS4WM-4-LD4-30-2LO-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°	3.7	3.8	3.9	3.9	4.0	4.0	4.1	4.1	4.1	4.2	4.5
5°	7.2	7.4	7.5	7.7	7.8	7.9	8.0	8.1	8.2	8.3	9.0
7.5°	14.2	14.7	15.2	15.7	16.2	16.6	16.9	17.2	17.5	17.7	18.8
10°	21.7	22.5	23.2	23.8	24.5	25.1	25.7	26.2	26.7	27.1	28.6
12.5°	30.5	31.6	32.6	33.6	34.4	35.3	36.2	36.9	37.6	38.2	40.1
15°	39.9	41.4	42.5	43.6	44.6	45.6	46.6	47.6	48.5	49.3	51.6
17.5°	49.4	51.2	52.9	54.3	55.6	56.8	57.9	59.1	60.2	61.1	63.8
20°	59.5	61.5	63.3	65.1	66.6	68.0	69.4	70.7	71.9	72.9	76.1
22.5°	69.4	71.6	73.7	75.7	77.5	79.1	80.5	81.9	83.4	84.7	88.5
25°	78.8	81.4	83.9	86.2	88.3	90.1	91.6	93.2	94.9	96.5	100.8
27.5°	88.3	91.2	93.9	96.4	98.8	100.8	102.5	104.0	105.9	107.6	112.3
30°	97.8	101.0	104.0	106.7	109.2	111.5	113.3	114.9	116.9	118.7	123.8
32.5°	106.9	110.4	113.6	116.5	119.1	121.6	123.5	125.1	127.3	129.5	134.8
35°	115.6	119.3	122.8	126.0	128.9	131.5	133.6	135.4	137.7	140.2	145.7
37.5°	124.2	127.9	131.5	134.9	138.1	140.6	142.8	144.6	147.1	150.0	155.8
40°	132.0	136.2	139.9	143.4	146.8	149.6	152.0	153.8	156.4	159.7	165.8
42.5°	139.8	144.0	148.0	151.8	155.2	158.2	160.5	162.6	165.3	168.7	175.2
45°	146.8	151.3	155.5	159.6	163.4	166.8	169.0	171.4	174.2	177.7	184.5
47.5°	154.0	158.5	162.8	167.0	171.0	174.7	176.9	179.2	182.1	185.7	192.8
50°	160.6	165.5	170.0	174.3	178.4	182.4	184.7	187.1	189.9	193.7	201.0
52.5°	167.0	172.1	176.7	181.0	185.1	189.1	191.8	194.2	197.1	201.0	209.2
55°	172.6	177.7	182.7	187.3	191.5	195.6	198.8	201.4	204.2	208.3	217.3
57.5°	178.2	183.3	188.4	192.9	197.2	201.3	204.6	207.2	210.1	214.6	223.6
60°	183.0	188.5	194.2	198.1	202.6	206.9	210.3	213.0	215.9	220.8	229.7
62.5°	187.5	193.2	198.7	203.0	207.5	211.7	215.2	218.2	221.3	226.0	235.5
65°	191.2	197.3	202.7	207.5	212.3	216.5	220.0	223.4	226.7	231.2	241.2
67.5°	194.6	200.9	206.3	211.2	216.0	220.5	224.3	227.4	230.5	235.4	245.0
70°	197.7	204.1	209.7	214.6	219.5	224.3	228.6	231.4	234.3	239.5	248.7
72.5°	200.4	206.7	212.6	217.6	222.6	227.5	231.5	234.5	237.3	242.7	252.3
75°	202.4	209.0	215.1	220.5	225.5	230.7	234.2	237.6	240.4	245.8	256.2
77.5°	203.9	210.7	216.8	222.5	227.2	232.5	236.2	239.6	242.4	247.9	258.3
80°	205.2	212.1	218.4	224.4	228.7	234.1	238.2	241.7	244.5	250.0	260.4
82.5°	206.2	213.1	219.5	225.1	229.9	235.1	239.2	242.7	245.5	251.4	261.7
85°	207.0	213.9	220.8	225.7	231.2	236.1	240.2	243.7	246.5	252.7	263.1
87.5°	207.0	214.2	220.8	226.0	231.2	236.5	240.6	244.1	246.9	252.7	263.4
90°	206.9	214.5	220.8	226.3	231.2	236.8	240.9	244.4	247.2	252.7	263.8
92.5°	207.0	214.2	220.8	226.0	231.2	236.5	240.6	244.1	246.9	252.7	263.4
95°	207.0	213.9	220.8	225.7	231.2	236.1	240.2	243.7	246.5	252.7	263.1
97.5°	206.2	213.1	219.5	225.1	229.9	235.1	239.2	242.7	245.5	251.4	261.7
100°	205.2	212.1	218.4	224.4	228.7	234.1	238.2	241.7	244.5	250.0	260.4
102.5°	203.9	210.7	216.8	222.5	227.2	232.5	236.2	239.6	242.4	247.9	258.3
105°	202.4	209.0	215.1	220.5	225.5	230.7	234.2	237.6	240.4	245.8	256.2
107.5°	200.4	206.7	212.6	217.6	222.6	227.5	231.5	234.5	237.3	242.7	252.3
110°	197.7	204.1	209.7	214.6	219.5	224.3	228.6	231.4	234.3	239.5	248.7



TEST NUMBER: P231992

CATALOG NUMBER: FVS4WM-4-LD4-30-2LO-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°	194.6	200.9	206.3	211.2	216.0	220.5	224.3	227.4	230.5	235.4	245.0
115°	191.2	197.3	202.7	207.5	212.3	216.5	220.0	223.4	226.7	231.2	241.2
117.5°	187.5	193.2	198.7	203.0	207.5	211.7	215.2	218.2	221.3	226.0	235.5
120°	183.0	188.5	194.2	198.1	202.6	206.9	210.3	213.0	215.9	220.8	229.7
122.5°	178.2	183.3	188.4	192.9	197.2	201.3	204.6	207.2	210.1	214.6	223.6
125°	172.6	177.7	182.7	187.3	191.5	195.6	198.8	201.4	204.2	208.3	217.3
127.5°	167.0	172.1	176.7	181.0	185.1	189.1	191.8	194.2	197.1	201.0	209.2
130°	160.6	165.5	170.0	174.3	178.4	182.4	184.7	187.1	189.9	193.7	201.0
132.5°	154.0	158.5	162.8	167.0	171.0	174.7	176.9	179.2	182.1	185.7	192.8
135°	146.8	151.3	155.5	159.6	163.4	166.8	169.0	171.4	174.2	177.7	184.5
137.5°	139.8	144.0	148.0	151.8	155.2	158.2	160.5	162.6	165.3	168.7	175.2
140°	132.0	136.2	139.9	143.4	146.8	149.6	152.0	153.8	156.4	159.7	165.8
142.5°	124.2	127.9	131.5	134.9	138.1	140.6	142.8	144.6	147.1	150.0	155.8
145°	115.6	119.3	122.8	126.0	128.9	131.5	133.6	135.4	137.7	140.2	145.7
147.5°	106.9	110.4	113.6	116.5	119.1	121.6	123.5	125.1	127.3	129.5	134.8
150°	97.8	101.0	104.0	106.7	109.2	111.5	113.3	114.9	116.9	118.7	123.8
152.5°	88.3	91.2	93.9	96.4	98.8	100.8	102.5	104.0	105.9	107.6	112.3
155°	78.8	81.4	83.9	86.2	88.3	90.1	91.6	93.2	94.9	96.5	100.8
157.5°	69.4	71.6	73.7	75.7	77.5	79.1	80.5	81.9	83.4	84.7	88.5
160°	59.5	61.5	63.3	65.1	66.6	68.0	69.4	70.7	71.9	72.9	76.1
162.5°	49.4	51.2	52.9	54.3	55.6	56.8	57.9	59.1	60.2	61.1	63.8
165°	39.9	41.4	42.5	43.6	44.6	45.6	46.6	47.6	48.5	49.3	51.6
167.5°	30.5	31.6	32.6	33.6	34.4	35.3	36.2	36.9	37.6	38.2	40.1
170°	21.7	22.5	23.2	23.8	24.5	25.1	25.7	26.2	26.7	27.1	28.6
172.5°	14.2	14.7	15.2	15.7	16.2	16.6	16.9	17.2	17.5	17.7	18.8
175°	7.2	7.4	7.5	7.7	7.8	7.9	8.0	8.1	8.2	8.3	9.0
177.5°	3.7	3.8	3.9	3.9	4.0	4.0	4.1	4.1	4.1	4.2	4.5
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231992

CATALOG NUMBER: FVS4WM-4-LD4-30-2LO-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°	4.9	5.2	5.5	5.9	6.2	6.5	6.8	7.0	7.3	7.5	7.8
5°	9.7	10.4	11.1	11.7	12.4	13.0	13.5	14.1	14.6	15.1	15.6
7.5°	19.9	20.9	21.8	22.7	23.5	24.2	25.1	27.1	29.0	30.8	32.6
10°	30.1	31.5	32.7	34.0	35.4	38.1	40.7	43.2	45.6	47.9	50.3
12.5°	41.9	43.6	45.1	47.4	50.9	54.2	57.4	60.4	64.1	68.5	72.8
15°	53.7	55.7	57.9	62.5	66.9	71.1	75.2	80.4	85.5	90.4	96.0
17.5°	66.4	68.8	73.2	78.5	83.6	88.9	95.1	100.9	106.5	113.2	120.4
20°	79.2	82.3	88.5	94.6	100.6	108.3	115.6	122.6	130.6	138.5	146.3
22.5°	92.0	96.8	103.8	110.6	118.6	127.0	135.3	144.7	153.6	162.3	171.9
25°	104.9	111.3	119.1	126.9	135.8	144.5	155.4	166.4	177.0	187.9	198.3
27.5°	116.8	124.5	132.6	142.2	152.4	163.4	176.0	188.5	201.1	213.1	224.5
30°	128.7	137.2	145.7	157.8	170.3	182.8	195.9	210.2	224.1	237.4	249.9
32.5°	140.5	149.8	160.0	173.3	186.9	201.2	216.1	232.0	247.5	262.2	276.1
35°	152.3	162.4	174.5	188.5	203.8	220.2	236.3	252.9	269.3	285.3	300.6
37.5°	163.4	174.2	188.1	203.1	220.3	237.6	255.5	273.2	291.6	307.7	324.5
40°	174.3	185.8	201.3	218.1	236.6	255.0	273.4	292.5	311.4	330.2	348.1
42.5°	184.5	196.6	213.8	232.2	251.5	271.3	291.3	311.8	332.5	352.1	370.7
45°	194.6	207.8	226.2	245.5	265.8	287.3	308.5	329.9	351.9	372.1	391.7
47.5°	203.7	218.3	237.4	257.9	280.1	303.1	325.0	347.7	370.0	392.2	411.4
50°	212.7	228.5	248.3	270.1	294.3	318.3	341.0	364.4	387.0	409.0	430.6
52.5°	221.7	238.3	258.6	281.2	306.9	331.9	356.1	380.0	403.5	426.6	449.1
55°	230.6	247.9	268.6	292.0	318.0	343.9	369.5	394.4	418.8	443.6	466.9
57.5°	237.9	256.0	277.3	301.7	328.7	356.1	382.4	408.1	434.1	460.1	484.1
60°	245.1	263.8	285.5	310.9	339.5	368.2	394.4	420.3	447.8	473.7	497.7
62.5°	250.6	270.2	293.4	320.2	349.2	378.0	405.2	432.0	460.8	485.6	510.9
65°	255.7	276.6	301.3	329.1	357.7	386.3	415.1	443.6	471.8	497.9	523.9
67.5°	260.4	281.9	307.9	336.1	365.2	394.7	424.4	453.6	481.9	510.4	535.8
70°	265.0	286.9	314.3	342.3	372.4	403.0	432.3	461.8	491.0	518.9	545.9
72.5°	268.7	291.5	319.3	347.6	378.4	409.1	439.0	469.7	498.9	527.2	554.9
75°	272.3	295.9	324.0	352.7	383.6	413.9	445.0	476.7	505.4	534.0	562.3
77.5°	274.8	298.8	326.9	356.2	387.4	418.1	449.7	481.6	510.5	539.8	569.0
80°	277.7	301.5	329.4	359.2	390.5	421.8	453.2	484.7	514.1	544.7	573.1
82.5°	279.4	304.4	332.9	361.7	393.8	424.9	456.1	488.4	517.8	548.7	576.2
85°	281.2	306.2	334.6	364.4	397.7	428.3	459.5	493.4	521.3	551.7	578.3
87.5°	281.5	306.2	334.4	365.9	398.1	428.7	460.6	492.7	522.5	552.8	580.0
90°	281.9	306.2	334.0	367.3	398.5	429.1	461.7	491.6	522.1	552.0	580.4
92.5°	281.5	306.2	334.4	365.9	398.1	428.7	460.6	492.7	522.5	552.8	580.0
95°	281.2	306.2	334.6	364.4	397.7	428.3	459.5	493.4	521.3	551.7	578.3
97.5°	279.4	304.4	332.9	361.7	393.8	424.9	456.1	488.4	517.8	548.7	576.2
100°	277.7	301.5	329.4	359.2	390.5	421.8	453.2	484.7	514.1	544.7	573.1
102.5°	274.8	298.8	326.9	356.2	387.4	418.1	449.7	481.6	510.5	539.8	569.0
105°	272.3	295.9	324.0	352.7	383.6	413.9	445.0	476.7	505.4	534.0	562.3
107.5°	268.7	291.5	319.3	347.6	378.4	409.1	439.0	469.7	498.9	527.2	554.9
110°	265.0	286.9	314.3	342.3	372.4	403.0	432.3	461.8	491.0	518.9	545.9



TEST NUMBER: P231992

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

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	260.4	281.9	307.9	336.1	365.2	394.7	424.4	453.6	481.9	510.4	535.8
115°	255.7	276.6	301.3	329.1	357.7	386.3	415.1	443.6	471.8	497.9	523.9
117.5°	250.6	270.2	293.4	320.2	349.2	378.0	405.2	432.0	460.8	485.6	510.9
120°	245.1	263.8	285.5	310.9	339.5	368.2	394.4	420.3	447.8	473.7	497.7
122.5°	237.9	256.0	277.3	301.7	328.7	356.1	382.4	408.1	434.1	460.1	484.1
125°	230.6	247.9	268.6	292.0	318.0	343.9	369.5	394.4	418.8	443.6	466.9
127.5°	221.7	238.3	258.6	281.2	306.9	331.9	356.1	380.0	403.5	426.6	449.1
130°	212.7	228.5	248.3	270.1	294.3	318.3	341.0	364.4	387.0	409.0	430.6
132.5°	203.7	218.3	237.4	257.9	280.1	303.1	325.0	347.7	370.0	392.2	411.4
135°	194.6	207.8	226.2	245.5	265.8	287.3	308.5	329.9	351.9	372.1	391.7
137.5°	184.5	196.6	213.8	232.2	251.5	271.3	291.3	311.8	332.5	352.1	370.7
140°	174.3	185.8	201.3	218.1	236.6	255.0	273.4	292.5	311.4	330.2	348.1
142.5°	163.4	174.2	188.1	203.1	220.3	237.6	255.5	273.2	291.6	307.7	324.5
145°	152.3	162.4	174.5	188.5	203.8	220.2	236.3	252.9	269.3	285.3	300.6
147.5°	140.5	149.8	160.0	173.3	186.9	201.2	216.1	232.0	247.5	262.2	276.1
150°	128.7	137.2	145.7	157.8	170.3	182.8	195.9	210.2	224.1	237.4	249.9
152.5°	116.8	124.5	132.6	142.2	152.4	163.4	176.0	188.5	201.1	213.1	224.5
155°	104.9	111.3	119.1	126.9	135.8	144.5	155.4	166.4	177.0	187.9	198.3
157.5°	92.0	96.8	103.8	110.6	118.6	127.0	135.3	144.7	153.6	162.3	171.9
160°	79.2	82.3	88.5	94.6	100.6	108.3	115.6	122.6	130.6	138.5	146.3
162.5°	66.4	68.8	73.2	78.5	83.6	88.9	95.1	100.9	106.5	113.2	120.4
165°	53.7	55.7	57.9	62.5	66.9	71.1	75.2	80.4	85.5	90.4	96.0
167.5°	41.9	43.6	45.1	47.4	50.9	54.2	57.4	60.4	64.1	68.5	72.8
170°	30.1	31.5	32.7	34.0	35.4	38.1	40.7	43.2	45.6	47.9	50.3
172.5°	19.9	20.9	21.8	22.7	23.5	24.2	25.1	27.1	29.0	30.8	32.6
175°	9.7	10.4	11.1	11.7	12.4	13.0	13.5	14.1	14.6	15.1	15.6
177.5°	4.9	5.2	5.5	5.9	6.2	6.5	6.8	7.0	7.3	7.5	7.8
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231992

CATALOG NUMBER: FVS4WM-4-LD4-30-2LO-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°	8.0	8.2	8.4	8.5	8.7	8.8	8.9	9.1	9.1	9.2	9.3
5°	16.9	18.2	19.4	20.6	21.7	22.8	23.7	24.6	25.5	26.2	26.9
7.5°	34.2	35.8	37.2	38.6	40.0	41.8	43.0	45.0	46.7	48.3	49.8
10°	53.5	56.8	59.8	62.6	65.1	67.4	69.5	71.6	73.7	75.7	77.4
12.5°	76.9	80.9	84.7	88.3	91.7	94.9	98.0	101.0	103.7	106.7	109.5
15°	100.9	106.2	111.0	115.4	119.4	123.8	127.9	132.1	136.3	140.0	143.5
17.5°	127.4	134.9	140.1	145.9	151.4	156.6	161.7	166.7	171.3	175.4	179.4
20°	154.3	162.0	169.3	176.3	183.2	189.9	196.1	201.6	206.6	211.1	215.2
22.5°	181.1	190.1	199.3	208.0	216.3	222.7	228.8	234.4	240.2	246.1	251.1
25°	209.0	219.7	231.6	239.3	247.3	254.7	262.6	270.0	276.7	282.7	287.9
27.5°	235.8	247.2	258.2	268.5	278.9	288.8	299.1	305.2	312.0	318.3	323.7
30°	262.3	274.8	287.2	299.8	311.6	321.3	330.1	338.4	346.1	352.8	359.6
32.5°	289.5	303.2	317.4	330.8	341.6	351.6	361.5	370.7	379.3	386.3	392.7
35°	315.7	331.4	345.6	357.8	369.6	381.4	392.4	402.9	412.1	419.7	426.4
37.5°	341.3	357.1	371.1	384.8	398.4	410.9	422.5	433.9	443.5	452.7	458.6
40°	365.5	381.7	397.1	412.1	426.0	438.4	450.7	462.6	473.0	482.2	489.9
42.5°	388.4	405.6	422.2	438.0	452.8	466.0	478.9	491.3	503.8	511.3	519.4
45°	410.6	428.4	445.8	462.8	477.9	491.7	505.3	518.1	528.9	538.4	546.8
47.5°	431.3	450.3	468.8	486.1	501.5	516.7	530.7	542.9	554.6	564.7	573.5
50°	451.7	471.5	490.5	508.1	524.9	541.0	554.4	567.5	581.1	590.1	599.6
52.5°	471.1	491.4	510.9	529.7	548.1	563.3	577.6	592.1	603.2	613.7	623.3
55°	489.3	510.2	531.0	549.5	568.0	585.5	599.2	612.8	625.2	635.4	645.7
57.5°	506.1	527.5	548.2	568.6	586.9	603.5	618.9	633.3	645.7	656.5	667.1
60°	521.9	544.1	565.4	585.3	604.0	621.5	637.8	652.1	664.9	676.1	686.8
62.5°	535.6	558.6	580.6	600.9	620.6	638.5	654.7	669.5	682.5	694.8	705.5
65°	548.6	572.0	594.2	615.0	634.9	653.7	669.9	685.4	699.5	712.5	723.1
67.5°	560.5	584.0	606.7	628.0	648.0	666.9	684.2	700.5	715.3	727.4	738.9
70°	570.8	595.0	618.5	640.2	660.7	679.4	697.1	713.4	727.8	740.6	754.0
72.5°	580.1	605.0	628.0	650.5	671.2	691.0	708.3	724.6	739.3	753.3	765.8
75°	588.4	612.9	636.4	658.9	679.3	699.2	717.8	734.3	749.7	764.4	776.1
77.5°	595.3	619.4	643.2	665.7	686.8	706.8	725.3	742.2	757.7	772.0	784.5
80°	600.2	624.3	648.6	671.6	693.0	712.8	731.1	748.8	765.0	778.7	791.2
82.5°	604.0	628.1	653.0	676.5	698.0	717.4	735.2	753.0	769.4	783.4	796.0
85°	606.0	630.7	655.6	678.3	699.4	720.0	738.1	755.4	771.7	786.2	798.9
87.5°	606.9	632.5	657.5	679.7	701.2	722.1	740.3	756.8	773.4	787.9	801.2
90°	606.1	632.5	657.5	679.7	702.6	722.1	740.8	756.8	772.8	787.3	801.9
92.5°	606.9	632.5	657.5	679.7	701.2	722.1	740.3	756.8	773.4	787.9	801.2
95°	606.0	630.7	655.6	678.3	699.4	720.0	738.1	755.4	771.7	786.2	798.9
97.5°	604.0	628.1	653.0	676.5	698.0	717.4	735.2	753.0	769.4	783.4	796.0
100°	600.2	624.3	648.6	671.6	693.0	712.8	731.1	748.8	765.0	778.7	791.2
102.5°	595.3	619.4	643.2	665.7	686.8	706.8	725.3	742.2	757.7	772.0	784.5
105°	588.4	612.9	636.4	658.9	679.3	699.2	717.8	734.3	749.7	764.4	776.1
107.5°	580.1	605.0	628.0	650.5	671.2	691.0	708.3	724.6	739.3	753.3	765.8
110°	570.8	595.0	618.5	640.2	660.7	679.4	697.1	713.4	727.8	740.6	754.0



TEST NUMBER: P231992

CATALOG NUMBER: FVS4WM-4-LD4-30-2LO-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°	560.5	584.0	606.7	628.0	648.0	666.9	684.2	700.5	715.3	727.4	738.9
115°	548.6	572.0	594.2	615.0	634.9	653.7	669.9	685.4	699.5	712.5	723.1
117.5°	535.6	558.6	580.6	600.9	620.6	638.5	654.7	669.5	682.5	694.8	705.5
120°	521.9	544.1	565.4	585.3	604.0	621.5	637.8	652.1	664.9	676.1	686.8
122.5°	506.1	527.5	548.2	568.6	586.9	603.5	618.9	633.3	645.7	656.5	667.1
125°	489.3	510.2	531.0	549.5	568.0	585.5	599.2	612.8	625.2	635.4	645.7
127.5°	471.1	491.4	510.9	529.7	548.1	563.3	577.6	592.1	603.2	613.7	623.3
130°	451.7	471.5	490.5	508.1	524.9	541.0	554.4	567.5	581.1	590.1	599.6
132.5°	431.3	450.3	468.8	486.1	501.5	516.7	530.7	542.9	554.6	564.7	573.5
135°	410.6	428.4	445.8	462.8	477.9	491.7	505.3	518.1	528.9	538.4	546.8
137.5°	388.4	405.6	422.2	438.0	452.8	466.0	478.9	491.3	503.8	511.3	519.4
140°	365.5	381.7	397.1	412.1	426.0	438.4	450.7	462.6	473.0	482.2	489.9
142.5°	341.3	357.1	371.1	384.8	398.4	410.9	422.5	433.9	443.5	452.7	458.6
145°	315.7	331.4	345.6	357.8	369.6	381.4	392.4	402.9	412.1	419.7	426.4
147.5°	289.5	303.2	317.4	330.8	341.6	351.6	361.5	370.7	379.3	386.3	392.7
150°	262.3	274.8	287.2	299.8	311.6	321.3	330.1	338.4	346.1	352.8	359.6
152.5°	235.8	247.2	258.2	268.5	278.9	288.8	299.1	305.2	312.0	318.3	323.7
155°	209.0	219.7	231.6	239.3	247.3	254.7	262.6	270.0	276.7	282.7	287.9
157.5°	181.1	190.1	199.3	208.0	216.3	222.7	228.8	234.4	240.2	246.1	251.1
160°	154.3	162.0	169.3	176.3	183.2	189.9	196.1	201.6	206.6	211.1	215.2
162.5°	127.4	134.9	140.1	145.9	151.4	156.6	161.7	166.7	171.3	175.4	179.4
165°	100.9	106.2	111.0	115.4	119.4	123.8	127.9	132.1	136.3	140.0	143.5
167.5°	76.9	80.9	84.7	88.3	91.7	94.9	98.0	101.0	103.7	106.7	109.5
170°	53.5	56.8	59.8	62.6	65.1	67.4	69.5	71.6	73.7	75.7	77.4
172.5°	34.2	35.8	37.2	38.6	40.0	41.8	43.0	45.0	46.7	48.3	49.8
175°	16.9	18.2	19.4	20.6	21.7	22.8	23.7	24.6	25.5	26.2	26.9
177.5°	8.0	8.2	8.4	8.5	8.7	8.8	8.9	9.1	9.1	9.2	9.3
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231992

CATALOG NUMBER: FVS4WM-4-LD4-30-2LO-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°	9.3	9.3	9.3	9.3	9.2	9.2	9.4	9.2	9.0	8.8	8.7
5°	27.5	28.0	28.5	28.8	29.1	29.3	29.4	29.5	30.1	29.7	29.3
7.5°	51.1	52.3	53.3	54.2	55.0	55.6	56.0	56.3	56.5	57.2	56.6
10°	78.9	81.2	83.2	85.0	86.6	88.0	89.2	90.1	90.8	92.5	92.0
12.5°	112.0	114.1	115.9	117.5	119.4	120.9	121.9	122.6	122.9	122.9	123.1
15°	146.7	149.4	151.6	153.5	154.8	156.4	158.2	159.6	160.6	161.2	162.2
17.5°	183.0	186.1	188.8	191.0	192.8	194.1	195.6	197.3	198.5	199.1	200.3
20°	218.8	222.3	225.5	228.2	230.2	231.7	232.6	233.8	235.1	235.9	237.2
22.5°	255.4	258.9	261.8	265.0	267.5	269.4	270.6	271.1	272.4	273.2	274.6
25°	292.6	296.6	300.0	302.7	305.3	307.2	308.3	308.6	309.0	310.5	311.4
27.5°	328.5	332.9	336.8	339.8	341.4	343.4	344.3	344.6	344.1	345.2	345.7
30°	363.5	367.4	371.2	374.3	376.5	378.1	379.6	380.3	380.3	380.5	380.9
32.5°	397.8	402.1	405.2	408.9	411.6	413.4	414.6	415.3	415.1	414.3	415.3
35°	432.2	436.7	440.5	443.8	446.7	448.3	449.1	449.3	448.4	446.3	447.1
37.5°	464.7	469.9	474.4	477.5	479.5	481.3	481.6	481.0	480.3	478.9	479.0
40°	496.6	502.9	507.5	510.2	512.1	512.9	512.9	512.1	511.4	509.6	508.8
42.5°	526.6	532.6	537.5	540.3	542.1	543.5	543.9	543.4	542.5	541.1	539.7
45°	554.6	561.7	566.2	569.2	571.8	574.4	573.3	572.7	571.0	569.5	567.0
47.5°	582.1	589.7	594.6	598.2	600.3	601.4	601.7	601.2	599.7	598.1	595.4
50°	610.6	618.7	621.6	625.2	627.6	628.9	629.5	628.3	626.2	624.2	623.8
52.5°	633.5	640.5	645.8	650.7	653.9	655.1	655.1	653.5	651.7	649.9	650.5
55°	655.4	662.3	668.6	674.2	678.1	679.9	680.1	678.5	676.3	674.0	673.1
57.5°	675.9	682.9	689.3	696.2	701.5	703.3	703.5	702.1	700.0	697.3	695.5
60°	696.0	703.5	710.1	716.9	722.4	724.9	726.0	723.8	721.8	718.9	716.6
62.5°	714.8	722.5	729.4	736.8	740.7	744.0	745.7	744.5	741.8	738.6	736.1
65°	732.8	740.4	747.2	752.6	757.5	761.6	763.8	762.7	761.1	757.3	754.3
67.5°	749.6	757.2	763.4	769.0	774.0	777.0	779.9	780.6	778.7	774.7	771.7
70°	763.6	771.9	778.5	784.0	788.0	791.0	793.5	795.3	793.3	789.9	786.6
72.5°	776.0	785.3	791.9	797.3	800.6	802.8	805.5	807.2	807.1	804.0	799.4
75°	786.8	796.1	803.1	809.2	812.6	813.8	814.6	816.1	817.6	816.2	811.7
77.5°	795.6	804.9	812.4	818.5	822.3	824.2	824.1	823.6	824.6	825.3	822.1
80°	802.6	811.7	819.5	826.1	830.0	832.9	833.5	831.5	829.0	831.1	830.7
82.5°	807.2	817.0	824.5	830.6	835.1	837.7	839.1	838.6	835.8	832.0	835.1
85°	810.5	819.9	827.8	833.6	837.8	840.4	841.3	841.2	840.2	837.4	833.4
87.5°	812.3	821.0	828.8	834.5	838.8	840.5	842.0	841.7	840.2	837.8	835.9
90°	811.6	820.7	827.6	833.9	838.0	839.4	840.1	839.4	837.3	834.6	830.4
92.5°	812.3	821.0	828.8	834.5	838.8	840.5	842.0	841.7	840.2	837.8	835.9
95°	810.5	819.9	827.8	833.6	837.8	840.4	841.3	841.2	840.2	837.4	833.4
97.5°	807.2	817.0	824.5	830.6	835.1	837.7	839.1	838.6	835.8	832.0	835.1
100°	802.6	811.7	819.5	826.1	830.0	832.9	833.5	831.5	829.0	831.1	830.7
102.5°	795.6	804.9	812.4	818.5	822.3	824.2	824.1	823.6	824.6	825.3	822.1
105°	786.8	796.1	803.1	809.2	812.6	813.8	814.6	816.1	817.6	816.2	811.7
107.5°	776.0	785.3	791.9	797.3	800.6	802.8	805.5	807.2	807.1	804.0	799.4
110°	763.6	771.9	778.5	784.0	788.0	791.0	793.5	795.3	793.3	789.9	786.6



TEST NUMBER: P231992

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CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	749.6	757.2	763.4	769.0	774.0	777.0	779.9	780.6	778.7	774.7	771.7
115°	732.8	740.4	747.2	752.6	757.5	761.6	763.8	762.7	761.1	757.3	754.3
117.5°	714.8	722.5	729.4	736.8	740.7	744.0	745.7	744.5	741.8	738.6	736.1
120°	696.0	703.5	710.1	716.9	722.4	724.9	726.0	723.8	721.8	718.9	716.6
122.5°	675.9	682.9	689.3	696.2	701.5	703.3	703.5	702.1	700.0	697.3	695.5
125°	655.4	662.3	668.6	674.2	678.1	679.9	680.1	678.5	676.3	674.0	673.1
127.5°	633.5	640.5	645.8	650.7	653.9	655.1	655.1	653.5	651.7	649.9	650.5
130°	610.6	618.7	621.6	625.2	627.6	628.9	629.5	628.3	626.2	624.2	623.8
132.5°	582.1	589.7	594.6	598.2	600.3	601.4	601.7	601.2	599.7	598.1	595.4
135°	554.6	561.7	566.2	569.2	571.8	574.4	573.3	572.7	571.0	569.5	567.0
137.5°	526.6	532.6	537.5	540.3	542.1	543.5	543.9	543.4	542.5	541.1	539.7
140°	496.6	502.9	507.5	510.2	512.1	512.9	512.9	512.1	511.4	509.6	508.8
142.5°	464.7	469.9	474.4	477.5	479.5	481.3	481.6	481.0	480.3	478.9	479.0
145°	432.2	436.7	440.5	443.8	446.7	448.3	449.1	449.3	448.4	446.3	447.1
147.5°	397.8	402.1	405.2	408.9	411.6	413.4	414.6	415.3	415.1	414.3	415.3
150°	363.5	367.4	371.2	374.3	376.5	378.1	379.6	380.3	380.3	380.5	380.9
152.5°	328.5	332.9	336.8	339.8	341.4	343.4	344.3	344.6	344.1	345.2	345.7
155°	292.6	296.6	300.0	302.7	305.3	307.2	308.3	308.6	309.0	310.5	311.4
157.5°	255.4	258.9	261.8	265.0	267.5	269.4	270.6	271.1	272.4	273.2	274.6
160°	218.8	222.3	225.5	228.2	230.2	231.7	232.6	233.8	235.1	235.9	237.2
162.5°	183.0	186.1	188.8	191.0	192.8	194.1	195.6	197.3	198.5	199.1	200.3
165°	146.7	149.4	151.6	153.5	154.8	156.4	158.2	159.6	160.6	161.2	162.2
167.5°	112.0	114.1	115.9	117.5	119.4	120.9	121.9	122.6	122.9	122.9	123.1
170°	78.9	81.2	83.2	85.0	86.6	88.0	89.2	90.1	90.8	92.5	92.0
172.5°	51.1	52.3	53.3	54.2	55.0	55.6	56.0	56.3	56.5	57.2	56.6
175°	27.5	28.0	28.5	28.8	29.1	29.3	29.4	29.5	30.1	29.7	29.3
177.5°	9.3	9.3	9.3	9.3	9.2	9.2	9.4	9.2	9.0	8.8	8.7
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	0.0	0.0
2.5°	8.5	8.3
5°	28.9	28.5
7.5°	56.1	55.5
10°	91.5	91.0
12.5°	122.0	120.8
15°	161.3	160.4
17.5°	199.1	197.9
20°	236.0	234.7
22.5°	273.1	271.5
25°	312.0	311.0
27.5°	345.8	344.4
30°	380.9	379.1
32.5°	415.8	414.5
35°	448.1	447.1
37.5°	480.1	479.1
40°	511.0	511.0
42.5°	541.9	541.6
45°	570.4	571.4
47.5°	597.4	597.8
50°	625.0	624.2
52.5°	651.0	649.2
55°	673.7	674.2
57.5°	696.2	697.8
60°	717.3	717.9
62.5°	737.2	739.4
65°	756.5	755.4
67.5°	772.7	773.5
70°	787.3	788.7
72.5°	800.2	801.2
75°	811.6	813.7
77.5°	820.7	824.1
80°	828.3	832.5
82.5°	835.1	838.7
85°	840.0	843.6
87.5°	834.3	846.4
90°	829.7	838.0
92.5°	834.3	846.4
95°	840.0	843.6
97.5°	835.1	838.7
100°	828.3	832.5
102.5°	820.7	824.1
105°	811.6	813.7
107.5°	800.2	801.2
110°	787.3	788.7



TEST NUMBER: P231992

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

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	772.7	773.5
115°	756.5	755.4
117.5°	737.2	739.4
120°	717.3	717.9
122.5°	696.2	697.8
125°	673.7	674.2
127.5°	651.0	649.2
130°	625.0	624.2
132.5°	597.4	597.8
135°	570.4	571.4
137.5°	541.9	541.6
140°	511.0	511.0
142.5°	480.1	479.1
145°	448.1	447.1
147.5°	415.8	414.5
150°	380.9	379.1
152.5°	345.8	344.4
155°	312.0	311.0
157.5°	273.1	271.5
160°	236.0	234.7
162.5°	199.1	197.9
165°	161.3	160.4
167.5°	122.0	120.8
170°	91.5	91.0
172.5°	56.1	55.5
175°	28.9	28.5
177.5°	8.5	8.3
180°	0.0	0.0

(END OF REPORT)