

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: P231994

Luminaire Tested: **FVS4WM-4-LD4-40-2LO-PFS125-UNV-EDC1**

Issue Date: 3/3/2020



Test Information

Test Method: LM-79-08
Report Number: P231994
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-LD4-40-2LO-PFS125-UNV-EDC1
Description: FAILSAFE FVS LED FIXTURE
4FT LENGTH, 2-MODULE LED WITH PFS125 LENS
Light Source: (168) 4000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

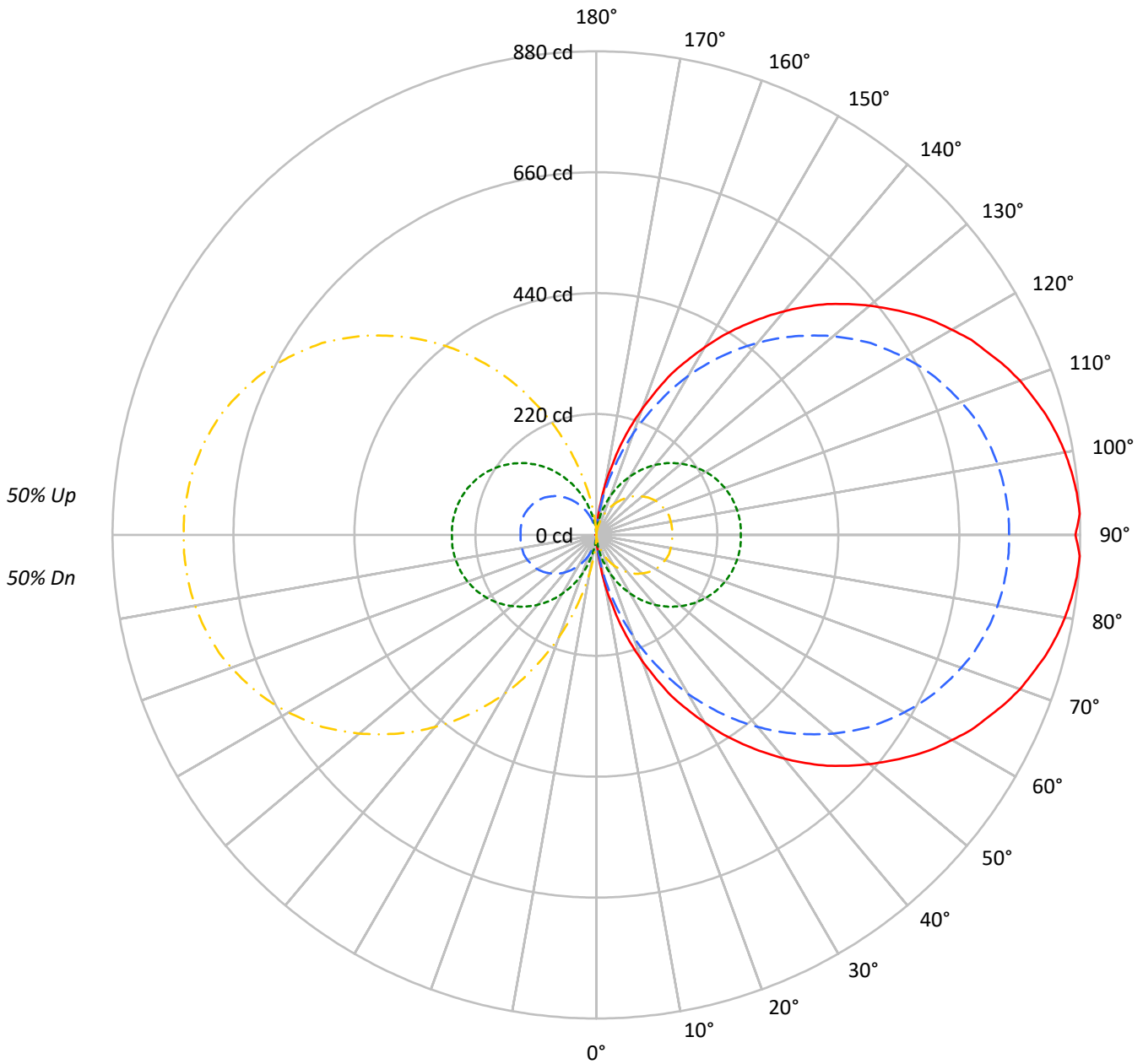
Lumens per Lamp: N/A
Luminaire Lumens: 3903.7 lumens
Efficiency: N/A
Efficacy: 68.0 lumens/watt
Spacing Criteria (0/90/45): - / - / -
Luminous Opening: Rectangular w/ Sides (W: 3.79' x L: 0.19' x H: 0.31')
CIE Type: General Diffuse

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°	393	131	0	131
10°	1124	427	0	427
15°	1806	787	0	787
20°	2447	1186	0	1186
25°	3040	1614	0	1614
30°	3511	2059	0	2059
35°	3965	2548	0	2548
40°	4378	3069	0	3069
45°	4770	3656	0	3656
50°	5118	4320	6	4320
55°	5473	5115	5	5115
60°	5815	6081	5	6081
65°	6151	7319	5	7319
70°	6506	8988	6	8988
75°	6854	11430	6	11430
80°	7220	15443	0	15443
85°	7598	23508	0	23508



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	2.1	0.1
10°-20°	21.9	0.6
20°-30°	68.3	1.8
30°-40°	135.9	3.5
40°-50°	214.6	5.5
50°-60°	293.8	7.5
60°-70°	363.1	9.3
70°-80°	413.6	10.6
80°-90°	438.5	11.2
90°-100°	438.5	11.2
100°-110°	413.6	10.6
110°-120°	363.1	9.3
120°-130°	293.8	7.5
130°-140°	214.6	5.5
140°-150°	135.9	3.5
150°-160°	68.3	1.8
160°-170°	21.9	0.6
170°-180°	2.1	0.1
0°-30°	92.3	2.4
0°-40°	228.3	5.8
0°-60°	736.7	18.9
0°-90°	1951.8	50.0
90°-120°	1215.2	31.1
90°-150°	1859.5	47.6
90°-180°	1952.0	50.0
0°-180°	3903.7	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	0	0	0	0	0	
5°	30	9	0	9	30	5
15°	167	51	0	51	167	50
25°	323	100	0	100	323	150
35°	465	146	0	146	465	293
45°	594	185	0	185	594	460
55°	701	217	1	217	701	629
65°	785	240	1	240	785	780
75°	846	256	1	256	846	894
85°	877	263	0	263	877	714
90°	871	263	0	263	871	480
95°	877	263	0	263	877	714
105°	846	256	1	256	846	894
115°	785	240	1	240	785	780
125°	701	217	1	217	701	629
135°	594	185	0	185	594	460
145°	465	146	0	146	465	293
155°	323	100	0	100	323	150
165°	167	51	0	51	167	50
175°	30	9	0	9	30	5
180°	0	0	0	0	0	



TEST NUMBER: P231994

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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	8.7	8.9	9.1	9.3	9.4	9.6	9.8	9.6	9.6	9.7	9.7
5°	29.6	30.0	30.4	30.8	31.2	30.6	30.6	30.5	30.3	30.0	29.6
7.5°	57.7	58.3	58.8	59.4	58.7	58.5	58.2	57.8	57.1	56.4	55.4
10°	94.6	95.1	95.6	96.1	94.4	93.7	92.7	91.5	90.1	88.4	86.5
12.5°	125.6	126.8	128.0	127.8	127.8	127.5	126.8	125.6	124.1	122.2	120.5
15°	166.7	167.7	168.7	167.5	166.9	165.9	164.5	162.7	161.0	159.6	157.7
17.5°	205.7	207.0	208.2	207.0	206.4	205.2	203.4	201.9	200.5	198.6	196.3
20°	244.0	245.3	246.6	245.2	244.4	243.1	241.8	240.9	239.4	237.2	234.5
22.5°	282.2	283.9	285.5	284.0	283.2	281.9	281.3	280.1	278.2	275.5	272.1
25°	323.4	324.4	323.8	322.9	321.3	320.8	320.5	319.4	317.4	314.7	311.9
27.5°	358.0	359.5	359.4	358.9	357.8	358.3	358.0	357.0	354.9	353.3	350.2
30°	394.1	396.0	396.0	395.6	395.4	395.4	394.7	393.1	391.5	389.1	386.0
32.5°	430.9	432.3	431.7	430.7	431.6	431.8	431.1	429.8	427.9	425.1	421.2
35°	464.9	465.9	464.9	464.1	466.2	467.1	466.9	466.1	464.5	461.4	458.0
37.5°	498.1	499.2	498.1	498.0	499.4	500.1	500.7	500.4	498.6	496.5	493.2
40°	531.3	531.3	529.1	529.9	531.7	532.4	533.3	533.3	532.4	530.4	527.6
42.5°	563.0	563.4	561.1	562.6	563.9	564.9	565.4	565.0	563.6	561.7	558.9
45°	594.1	593.0	589.5	592.1	593.6	595.4	596.1	597.2	594.5	591.7	588.6
47.5°	621.5	621.1	619.1	621.8	623.5	625.0	625.5	625.3	624.1	621.9	618.2
50°	648.9	649.8	648.5	649.0	651.0	653.3	654.5	653.8	652.4	650.0	646.2
52.5°	674.9	676.8	676.2	675.8	677.6	679.4	681.1	681.0	679.9	676.5	671.4
55°	700.9	700.4	699.8	700.8	703.2	705.4	707.1	706.8	705.0	700.9	695.1
57.5°	725.5	723.8	723.0	724.9	727.8	730.0	731.5	731.2	729.3	723.8	716.6
60°	746.4	745.8	745.1	747.4	750.4	752.5	754.8	753.7	751.1	745.4	738.3
62.5°	768.8	766.5	765.4	767.9	771.2	774.0	775.3	773.6	770.1	766.0	758.4
65°	785.4	786.5	784.2	787.3	791.3	793.0	794.1	791.8	787.5	782.5	776.9
67.5°	804.1	803.2	802.3	805.4	809.6	811.6	810.8	807.8	804.7	799.4	793.7
70°	820.0	818.6	817.8	821.2	824.8	826.9	825.0	822.3	819.2	815.1	809.5
72.5°	833.0	832.0	831.1	835.9	839.0	839.2	837.4	834.7	832.5	829.0	823.3
75°	846.0	843.8	843.9	848.6	850.0	848.5	846.9	846.1	844.8	841.3	835.0
77.5°	856.8	853.2	854.7	858.1	857.3	856.3	856.8	856.9	855.0	850.9	844.7
80°	865.5	861.1	863.6	864.1	861.9	864.4	866.5	865.9	862.9	859.0	852.1
82.5°	872.0	868.3	868.2	865.0	868.9	871.9	872.4	871.0	868.2	863.5	857.3
85°	877.0	873.4	866.4	870.6	873.5	874.6	874.7	873.8	871.1	866.7	860.6
87.5°	879.9	867.4	869.1	871.0	873.5	875.1	875.4	873.8	872.1	867.6	861.6
90°	871.3	862.6	863.3	867.7	870.5	872.7	873.4	872.7	871.3	866.9	860.4
92.5°	879.9	867.4	869.1	871.0	873.5	875.1	875.4	873.8	872.1	867.6	861.6
95°	877.0	873.4	866.4	870.6	873.5	874.6	874.7	873.8	871.1	866.7	860.6
97.5°	872.0	868.3	868.2	865.0	868.9	871.9	872.4	871.0	868.2	863.5	857.3
100°	865.5	861.1	863.6	864.1	861.9	864.4	866.5	865.9	862.9	859.0	852.1
102.5°	856.8	853.2	854.7	858.1	857.3	856.3	856.8	856.9	855.0	850.9	844.7
105°	846.0	843.8	843.9	848.6	850.0	848.5	846.9	846.1	844.8	841.3	835.0
107.5°	833.0	832.0	831.1	835.9	839.0	839.2	837.4	834.7	832.5	829.0	823.3
110°	820.0	818.6	817.8	821.2	824.8	826.9	825.0	822.3	819.2	815.1	809.5



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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°	804.1	803.2	802.3	805.4	809.6	811.6	810.8	807.8	804.7	799.4	793.7
115°	785.4	786.5	784.2	787.3	791.3	793.0	794.1	791.8	787.5	782.5	776.9
117.5°	768.8	766.5	765.4	767.9	771.2	774.0	775.3	773.6	770.1	766.0	758.4
120°	746.4	745.8	745.1	747.4	750.4	752.5	754.8	753.7	751.1	745.4	738.3
122.5°	725.5	723.8	723.0	724.9	727.8	730.0	731.5	731.2	729.3	723.8	716.6
125°	700.9	700.4	699.8	700.8	703.2	705.4	707.1	706.8	705.0	700.9	695.1
127.5°	674.9	676.8	676.2	675.8	677.6	679.4	681.1	681.0	679.9	676.5	671.4
130°	648.9	649.8	648.5	649.0	651.0	653.3	654.5	653.8	652.4	650.0	646.2
132.5°	621.5	621.1	619.1	621.8	623.5	625.0	625.5	625.3	624.1	621.9	618.2
135°	594.1	593.0	589.5	592.1	593.6	595.4	596.1	597.2	594.5	591.7	588.6
137.5°	563.0	563.4	561.1	562.6	563.9	564.9	565.4	565.0	563.6	561.7	558.9
140°	531.3	531.3	529.1	529.9	531.7	532.4	533.3	533.3	532.4	530.4	527.6
142.5°	498.1	499.2	498.1	498.0	499.4	500.1	500.7	500.4	498.6	496.5	493.2
145°	464.9	465.9	464.9	464.1	466.2	467.1	466.9	466.1	464.5	461.4	458.0
147.5°	430.9	432.3	431.7	430.7	431.6	431.8	431.1	429.8	427.9	425.1	421.2
150°	394.1	396.0	396.0	395.6	395.4	395.4	394.7	393.1	391.5	389.1	386.0
152.5°	358.0	359.5	359.4	358.9	357.8	358.3	358.0	357.0	354.9	353.3	350.2
155°	323.4	324.4	323.8	322.9	321.3	320.8	320.5	319.4	317.4	314.7	311.9
157.5°	282.2	283.9	285.5	284.0	283.2	281.9	281.3	280.1	278.2	275.5	272.1
160°	244.0	245.3	246.6	245.2	244.4	243.1	241.8	240.9	239.4	237.2	234.5
162.5°	205.7	207.0	208.2	207.0	206.4	205.2	203.4	201.9	200.5	198.6	196.3
165°	166.7	167.7	168.7	167.5	166.9	165.9	164.5	162.7	161.0	159.6	157.7
167.5°	125.6	126.8	128.0	127.8	127.8	127.5	126.8	125.6	124.1	122.2	120.5
170°	94.6	95.1	95.6	96.1	94.4	93.7	92.7	91.5	90.1	88.4	86.5
172.5°	57.7	58.3	58.8	59.4	58.7	58.5	58.2	57.8	57.1	56.4	55.4
175°	29.6	30.0	30.4	30.8	31.2	30.6	30.6	30.5	30.3	30.0	29.6
177.5°	8.7	8.9	9.1	9.3	9.4	9.6	9.8	9.6	9.6	9.7	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



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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°	9.7	9.7	9.7	9.6	9.5	9.4	9.3	9.2	9.1	8.9	8.7
5°	29.1	28.6	28.0	27.3	26.5	25.6	24.7	23.7	22.6	21.4	20.2
7.5°	54.3	53.1	51.7	50.2	48.6	46.8	44.7	43.4	41.6	40.1	38.7
10°	84.4	82.0	80.5	78.6	76.6	74.4	72.3	70.1	67.7	65.0	62.1
12.5°	118.6	116.4	113.8	110.9	107.8	104.9	101.9	98.7	95.3	91.7	88.0
15°	155.3	152.5	149.2	145.6	141.7	137.3	133.0	128.7	124.0	119.9	115.4
17.5°	193.5	190.3	186.5	182.3	178.1	173.3	168.2	162.8	157.4	151.7	145.6
20°	231.2	227.5	223.7	219.4	214.7	209.6	203.8	197.4	190.5	183.3	176.0
22.5°	269.1	265.5	261.1	255.9	249.8	243.7	237.9	231.5	224.9	216.3	207.3
25°	308.4	304.2	299.3	293.9	287.7	280.7	273.0	264.8	257.1	248.8	240.9
27.5°	346.1	341.5	336.6	330.9	324.4	317.3	311.0	300.2	290.0	279.2	268.5
30°	382.0	377.9	373.8	366.8	359.8	351.9	343.2	334.1	324.0	311.7	298.6
32.5°	418.0	413.6	408.2	401.6	394.3	385.4	375.8	365.5	355.1	344.0	330.0
35°	454.0	449.3	443.3	436.3	428.4	418.8	407.9	396.6	384.3	371.9	359.3
37.5°	488.5	483.1	476.8	470.7	461.1	451.1	439.3	427.2	414.3	400.0	385.8
40°	522.8	516.3	509.4	501.3	491.8	480.9	468.5	455.8	442.9	428.5	412.8
42.5°	553.8	547.5	540.0	531.5	523.7	510.8	497.9	484.4	470.8	455.4	438.9
45°	583.9	576.6	568.5	559.7	549.8	538.7	525.4	511.2	496.8	481.1	463.5
47.5°	613.1	605.1	596.2	587.1	576.6	564.4	551.7	537.2	521.4	505.3	487.4
50°	643.2	634.7	623.3	613.5	604.1	590.0	576.4	562.4	545.7	528.2	510.0
52.5°	665.9	658.6	648.1	638.0	627.1	615.6	600.5	585.7	569.8	550.7	531.2
55°	688.5	681.4	671.3	660.5	650.0	637.1	623.1	608.8	590.5	571.3	552.1
57.5°	710.0	702.8	693.5	682.5	671.4	658.4	643.4	627.5	610.2	591.2	570.0
60°	731.4	723.6	714.1	702.8	691.3	678.0	663.1	646.2	627.9	608.5	587.8
62.5°	751.2	743.2	733.5	722.4	709.6	696.0	680.6	663.8	645.3	624.7	603.6
65°	769.8	761.9	751.9	740.8	727.3	712.5	696.5	679.6	660.1	639.4	617.8
67.5°	787.2	779.3	768.3	756.3	743.7	728.3	711.4	693.4	673.7	652.9	630.8
70°	802.5	793.9	783.9	770.0	756.7	741.7	724.7	706.4	686.9	665.6	643.1
72.5°	816.4	806.8	796.2	783.2	768.6	753.4	736.4	718.5	697.8	676.3	653.0
75°	827.7	818.1	806.9	794.7	779.4	763.4	746.3	727.0	706.3	685.1	661.6
77.5°	836.7	827.1	815.7	802.7	787.8	771.6	754.1	734.8	714.0	692.1	668.8
80°	843.9	834.4	822.6	809.6	795.4	778.5	760.1	741.1	720.5	698.3	674.4
82.5°	849.4	839.3	827.7	814.5	799.8	782.9	764.5	745.8	725.7	703.4	679.0
85°	852.3	842.8	830.6	817.4	802.2	785.3	767.4	748.5	727.1	705.2	681.7
87.5°	853.5	844.6	833.0	819.2	804.0	786.8	769.7	750.7	729.0	706.7	683.6
90°	853.2	843.8	833.7	818.6	803.4	786.8	770.2	750.7	730.5	706.7	683.6
92.5°	853.5	844.6	833.0	819.2	804.0	786.8	769.7	750.7	729.0	706.7	683.6
95°	852.3	842.8	830.6	817.4	802.2	785.3	767.4	748.5	727.1	705.2	681.7
97.5°	849.4	839.3	827.7	814.5	799.8	782.9	764.5	745.8	725.7	703.4	679.0
100°	843.9	834.4	822.6	809.6	795.4	778.5	760.1	741.1	720.5	698.3	674.4
102.5°	836.7	827.1	815.7	802.7	787.8	771.6	754.1	734.8	714.0	692.1	668.8
105°	827.7	818.1	806.9	794.7	779.4	763.4	746.3	727.0	706.3	685.1	661.6
107.5°	816.4	806.8	796.2	783.2	768.6	753.4	736.4	718.5	697.8	676.3	653.0
110°	802.5	793.9	783.9	770.0	756.7	741.7	724.7	706.4	686.9	665.6	643.1



TEST NUMBER: P231994

CATALOG NUMBER: FVS4WM-4-LD4-40-2LO-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°	787.2	779.3	768.3	756.3	743.7	728.3	711.4	693.4	673.7	652.9	630.8
115°	769.8	761.9	751.9	740.8	727.3	712.5	696.5	679.6	660.1	639.4	617.8
117.5°	751.2	743.2	733.5	722.4	709.6	696.0	680.6	663.8	645.3	624.7	603.6
120°	731.4	723.6	714.1	702.8	691.3	678.0	663.1	646.2	627.9	608.5	587.8
122.5°	710.0	702.8	693.5	682.5	671.4	658.4	643.4	627.5	610.2	591.2	570.0
125°	688.5	681.4	671.3	660.5	650.0	637.1	623.1	608.8	590.5	571.3	552.1
127.5°	665.9	658.6	648.1	638.0	627.1	615.6	600.5	585.7	569.8	550.7	531.2
130°	643.2	634.7	623.3	613.5	604.1	590.0	576.4	562.4	545.7	528.2	510.0
132.5°	613.1	605.1	596.2	587.1	576.6	564.4	551.7	537.2	521.4	505.3	487.4
135°	583.9	576.6	568.5	559.7	549.8	538.7	525.4	511.2	496.8	481.1	463.5
137.5°	553.8	547.5	540.0	531.5	523.7	510.8	497.9	484.4	470.8	455.4	438.9
140°	522.8	516.3	509.4	501.3	491.8	480.9	468.5	455.8	442.9	428.5	412.8
142.5°	488.5	483.1	476.8	470.7	461.1	451.1	439.3	427.2	414.3	400.0	385.8
145°	454.0	449.3	443.3	436.3	428.4	418.8	407.9	396.6	384.3	371.9	359.3
147.5°	418.0	413.6	408.2	401.6	394.3	385.4	375.8	365.5	355.1	344.0	330.0
150°	382.0	377.9	373.8	366.8	359.8	351.9	343.2	334.1	324.0	311.7	298.6
152.5°	346.1	341.5	336.6	330.9	324.4	317.3	311.0	300.2	290.0	279.2	268.5
155°	308.4	304.2	299.3	293.9	287.7	280.7	273.0	264.8	257.1	248.8	240.9
157.5°	269.1	265.5	261.1	255.9	249.8	243.7	237.9	231.5	224.9	216.3	207.3
160°	231.2	227.5	223.7	219.4	214.7	209.6	203.8	197.4	190.5	183.3	176.0
162.5°	193.5	190.3	186.5	182.3	178.1	173.3	168.2	162.8	157.4	151.7	145.6
165°	155.3	152.5	149.2	145.6	141.7	137.3	133.0	128.7	124.0	119.9	115.4
167.5°	118.6	116.4	113.8	110.9	107.8	104.9	101.9	98.7	95.3	91.7	88.0
170°	84.4	82.0	80.5	78.6	76.6	74.4	72.3	70.1	67.7	65.0	62.1
172.5°	54.3	53.1	51.7	50.2	48.6	46.8	44.7	43.4	41.6	40.1	38.7
175°	29.1	28.6	28.0	27.3	26.5	25.6	24.7	23.7	22.6	21.4	20.2
177.5°	9.7	9.7	9.7	9.6	9.5	9.4	9.3	9.2	9.1	8.9	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



TEST NUMBER: P231994

CATALOG NUMBER: FVS4WM-4-LD4-40-2LO-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°	8.5	8.3	8.1	7.9	7.6	7.3	7.0	6.7	6.4	6.1	5.8
5°	18.9	17.5	16.2	15.7	15.2	14.6	14.1	13.5	12.9	12.2	11.6
7.5°	37.2	35.5	33.8	32.0	30.1	28.1	26.1	25.1	24.4	23.5	22.7
10°	59.0	55.6	52.3	49.8	47.4	44.9	42.3	39.6	36.7	35.3	34.0
12.5°	84.1	79.9	75.6	71.2	66.6	62.8	59.7	56.3	52.9	49.2	46.9
15°	110.4	104.9	99.7	94.0	88.9	83.6	78.2	73.9	69.5	65.0	60.2
17.5°	140.2	132.5	125.2	117.7	110.7	104.9	98.8	92.4	86.9	81.6	76.1
20°	168.4	160.4	152.1	144.0	135.8	127.5	120.2	112.5	104.5	98.3	92.0
22.5°	197.7	188.3	178.7	168.7	159.7	150.5	140.7	132.1	123.3	114.9	107.9
25°	228.4	217.3	206.2	195.3	184.1	173.0	161.5	150.2	141.1	131.9	123.8
27.5°	257.0	245.1	233.4	221.5	209.1	196.0	183.0	169.9	158.4	147.8	137.9
30°	285.6	272.6	259.8	246.8	233.1	218.5	203.7	190.0	177.0	164.0	151.4
32.5°	315.2	301.0	287.0	272.6	257.3	241.2	224.7	209.2	194.3	180.2	166.4
35°	344.5	328.3	312.6	296.6	280.0	263.0	245.6	228.9	211.9	196.0	181.4
37.5°	371.3	354.8	337.4	320.0	303.2	284.0	265.6	247.1	229.1	211.2	195.5
40°	396.8	380.0	361.9	343.3	323.8	304.1	284.3	265.1	246.0	226.8	209.3
42.5°	421.6	403.8	385.4	366.0	345.6	324.3	302.8	282.0	261.5	241.4	222.4
45°	445.4	426.9	407.3	386.9	365.8	343.1	320.7	298.6	276.3	255.2	235.1
47.5°	468.2	448.4	427.8	407.8	384.6	361.5	337.9	315.1	291.2	268.1	246.8
50°	490.2	469.6	447.7	425.2	402.3	378.8	354.5	330.9	306.0	280.8	258.1
52.5°	510.9	489.7	466.9	443.5	419.6	395.1	370.1	345.0	319.1	292.4	268.8
55°	530.4	508.6	485.4	461.2	435.5	410.1	384.1	357.5	330.7	303.6	279.2
57.5°	548.4	526.1	503.2	478.3	451.3	424.3	397.6	370.1	341.8	313.7	288.2
60°	565.7	542.5	517.5	492.4	465.5	436.9	410.0	382.7	353.0	323.3	296.8
62.5°	580.8	556.9	531.1	504.9	479.0	449.0	421.2	392.9	363.1	332.9	305.1
65°	594.8	570.4	544.7	517.7	490.5	461.1	431.6	401.6	371.9	342.2	313.3
67.5°	607.1	582.8	557.1	530.7	501.0	471.5	441.2	410.4	379.7	349.5	320.2
70°	618.6	593.5	567.6	539.5	510.5	480.1	449.4	418.9	387.2	355.8	326.7
72.5°	629.0	603.2	577.0	548.1	518.7	488.3	456.4	425.4	393.4	361.4	332.0
75°	637.2	611.8	584.6	555.1	525.5	495.6	462.6	430.4	398.8	366.7	336.8
77.5°	644.0	618.9	591.6	561.2	530.8	500.7	467.5	434.7	402.7	370.3	339.8
80°	649.1	624.0	595.8	566.3	534.5	504.0	471.2	438.5	406.0	373.5	342.4
82.5°	653.0	627.9	599.0	570.4	538.4	507.8	474.2	441.7	409.4	376.1	346.0
85°	655.7	630.0	601.2	573.6	542.0	512.8	477.8	445.3	413.4	378.9	347.8
87.5°	657.6	631.0	603.0	574.7	543.2	512.2	478.9	445.7	413.9	380.4	347.6
90°	657.6	630.2	603.5	573.9	542.8	511.1	480.0	446.1	414.3	381.9	347.2
92.5°	657.6	631.0	603.0	574.7	543.2	512.2	478.9	445.7	413.9	380.4	347.6
95°	655.7	630.0	601.2	573.6	542.0	512.8	477.8	445.3	413.4	378.9	347.8
97.5°	653.0	627.9	599.0	570.4	538.4	507.8	474.2	441.7	409.4	376.1	346.0
100°	649.1	624.0	595.8	566.3	534.5	504.0	471.2	438.5	406.0	373.5	342.4
102.5°	644.0	618.9	591.6	561.2	530.8	500.7	467.5	434.7	402.7	370.3	339.8
105°	637.2	611.8	584.6	555.1	525.5	495.6	462.6	430.4	398.8	366.7	336.8
107.5°	629.0	603.2	577.0	548.1	518.7	488.3	456.4	425.4	393.4	361.4	332.0
110°	618.6	593.5	567.6	539.5	510.5	480.1	449.4	418.9	387.2	355.8	326.7



TEST NUMBER: P231994

CATALOG NUMBER: FVS4WM-4-LD4-40-2LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	607.1	582.8	557.1	530.7	501.0	471.5	441.2	410.4	379.7	349.5	320.2
115°	594.8	570.4	544.7	517.7	490.5	461.1	431.6	401.6	371.9	342.2	313.3
117.5°	580.8	556.9	531.1	504.9	479.0	449.0	421.2	392.9	363.1	332.9	305.1
120°	565.7	542.5	517.5	492.4	465.5	436.9	410.0	382.7	353.0	323.3	296.8
122.5°	548.4	526.1	503.2	478.3	451.3	424.3	397.6	370.1	341.8	313.7	288.2
125°	530.4	508.6	485.4	461.2	435.5	410.1	384.1	357.5	330.7	303.6	279.2
127.5°	510.9	489.7	466.9	443.5	419.6	395.1	370.1	345.0	319.1	292.4	268.8
130°	490.2	469.6	447.7	425.2	402.3	378.8	354.5	330.9	306.0	280.8	258.1
132.5°	468.2	448.4	427.8	407.8	384.6	361.5	337.9	315.1	291.2	268.1	246.8
135°	445.4	426.9	407.3	386.9	365.8	343.1	320.7	298.6	276.3	255.2	235.1
137.5°	421.6	403.8	385.4	366.0	345.6	324.3	302.8	282.0	261.5	241.4	222.4
140°	396.8	380.0	361.9	343.3	323.8	304.1	284.3	265.1	246.0	226.8	209.3
142.5°	371.3	354.8	337.4	320.0	303.2	284.0	265.6	247.1	229.1	211.2	195.5
145°	344.5	328.3	312.6	296.6	280.0	263.0	245.6	228.9	211.9	196.0	181.4
147.5°	315.2	301.0	287.0	272.6	257.3	241.2	224.7	209.2	194.3	180.2	166.4
150°	285.6	272.6	259.8	246.8	233.1	218.5	203.7	190.0	177.0	164.0	151.4
152.5°	257.0	245.1	233.4	221.5	209.1	196.0	183.0	169.9	158.4	147.8	137.9
155°	228.4	217.3	206.2	195.3	184.1	173.0	161.5	150.2	141.1	131.9	123.8
157.5°	197.7	188.3	178.7	168.7	159.7	150.5	140.7	132.1	123.3	114.9	107.9
160°	168.4	160.4	152.1	144.0	135.8	127.5	120.2	112.5	104.5	98.3	92.0
162.5°	140.2	132.5	125.2	117.7	110.7	104.9	98.8	92.4	86.9	81.6	76.1
165°	110.4	104.9	99.7	94.0	88.9	83.6	78.2	73.9	69.5	65.0	60.2
167.5°	84.1	79.9	75.6	71.2	66.6	62.8	59.7	56.3	52.9	49.2	46.9
170°	59.0	55.6	52.3	49.8	47.4	44.9	42.3	39.6	36.7	35.3	34.0
172.5°	37.2	35.5	33.8	32.0	30.1	28.1	26.1	25.1	24.4	23.5	22.7
175°	18.9	17.5	16.2	15.7	15.2	14.6	14.1	13.5	12.9	12.2	11.6
177.5°	8.5	8.3	8.1	7.9	7.6	7.3	7.0	6.7	6.4	6.1	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: P231994

CATALOG NUMBER: FVS4WM-4-LD4-40-2LO-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°	5.4	5.1	4.7	4.4	4.3	4.3	4.3	4.2	4.2	4.1	4.0
5°	10.9	10.2	9.4	8.7	8.6	8.5	8.4	8.3	8.2	8.0	7.8
7.5°	21.7	20.7	19.6	18.5	18.2	18.0	17.6	17.2	16.8	16.4	15.8
10°	32.7	31.3	29.8	28.2	27.8	27.3	26.7	26.1	25.5	24.8	24.1
12.5°	45.3	43.6	41.7	39.8	39.1	38.4	37.6	36.7	35.8	34.9	33.9
15°	57.9	55.9	53.6	51.3	50.5	49.6	48.5	47.4	46.4	45.4	44.2
17.5°	71.6	69.1	66.4	63.6	62.6	61.5	60.3	59.1	57.9	56.5	55.0
20°	85.6	82.3	79.2	75.8	74.7	73.5	72.1	70.7	69.3	67.7	65.9
22.5°	100.7	95.7	92.0	88.1	86.7	85.2	83.7	82.2	80.6	78.7	76.6
25°	115.8	109.1	104.8	100.3	98.7	96.9	95.2	93.7	91.8	89.6	87.2
27.5°	129.4	121.5	116.8	111.9	110.1	108.1	106.5	104.8	102.7	100.3	97.6
30°	142.7	133.9	128.7	123.4	121.5	119.4	117.8	116.0	113.6	110.9	108.1
32.5°	155.7	146.1	140.1	134.6	132.4	130.1	128.4	126.4	123.9	121.1	118.1
35°	168.9	158.3	151.5	145.8	143.2	140.7	138.9	136.7	134.0	131.0	127.6
37.5°	181.1	169.8	161.9	155.9	153.0	150.4	148.5	146.2	143.6	140.2	136.7
40°	193.2	181.2	172.4	166.0	162.7	160.0	158.0	155.5	152.6	149.1	145.5
42.5°	204.4	191.8	182.1	175.4	171.9	169.1	167.0	164.5	161.3	157.8	153.9
45°	216.1	202.3	191.8	184.8	181.1	178.1	175.7	173.5	169.9	165.9	161.7
47.5°	227.0	211.7	200.5	193.1	189.3	186.3	183.9	181.7	177.8	173.6	169.3
50°	237.6	221.1	209.0	201.4	197.4	194.5	192.0	189.6	185.5	181.2	176.7
52.5°	247.8	230.5	217.5	209.0	204.9	201.9	199.4	196.6	192.5	188.2	183.7
55°	257.6	239.7	225.9	216.6	212.3	209.3	206.6	203.3	199.2	194.8	189.9
57.5°	266.1	247.4	232.4	223.1	218.4	215.4	212.7	209.3	205.1	200.6	195.9
60°	274.2	254.9	238.9	229.5	224.5	221.4	218.6	215.1	210.6	205.9	201.9
62.5°	280.9	260.5	244.8	235.0	230.1	226.8	223.7	220.1	215.7	211.0	206.5
65°	287.5	265.8	250.8	240.4	235.7	232.2	228.7	225.1	220.7	215.7	210.7
67.5°	293.0	270.7	254.6	244.7	239.7	236.4	233.2	229.3	224.6	219.6	214.5
70°	298.3	275.5	258.5	249.0	243.6	240.6	237.7	233.2	228.2	223.2	218.1
72.5°	303.0	279.4	262.2	252.3	246.8	243.8	240.7	236.5	231.4	226.2	221.0
75°	307.6	283.1	266.4	255.5	250.0	247.0	243.5	239.9	234.4	229.2	223.7
77.5°	310.6	285.7	268.5	257.7	252.1	249.1	245.6	241.7	236.2	231.3	225.5
80°	313.4	288.7	270.7	259.9	254.2	251.3	247.7	243.5	237.8	233.3	227.1
82.5°	316.5	290.5	272.1	261.4	255.2	252.3	248.8	244.5	239.1	234.1	228.3
85°	318.3	292.3	273.6	262.8	256.3	253.4	249.8	245.4	240.4	234.7	229.5
87.5°	318.3	292.7	273.9	262.8	256.7	253.8	250.2	245.8	240.4	235.0	229.5
90°	318.3	293.1	274.3	262.8	257.0	254.1	250.5	246.2	240.4	235.3	229.5
92.5°	318.3	292.7	273.9	262.8	256.7	253.8	250.2	245.8	240.4	235.0	229.5
95°	318.3	292.3	273.6	262.8	256.3	253.4	249.8	245.4	240.4	234.7	229.5
97.5°	316.5	290.5	272.1	261.4	255.2	252.3	248.8	244.5	239.1	234.1	228.3
100°	313.4	288.7	270.7	259.9	254.2	251.3	247.7	243.5	237.8	233.3	227.1
102.5°	310.6	285.7	268.5	257.7	252.1	249.1	245.6	241.7	236.2	231.3	225.5
105°	307.6	283.1	266.4	255.5	250.0	247.0	243.5	239.9	234.4	229.2	223.7
107.5°	303.0	279.4	262.2	252.3	246.8	243.8	240.7	236.5	231.4	226.2	221.0
110°	298.3	275.5	258.5	249.0	243.6	240.6	237.7	233.2	228.2	223.2	218.1



TEST NUMBER: P231994

CATALOG NUMBER: FVS4WM-4-LD4-40-2LO-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°	293.0	270.7	254.6	244.7	239.7	236.4	233.2	229.3	224.6	219.6	214.5
115°	287.5	265.8	250.8	240.4	235.7	232.2	228.7	225.1	220.7	215.7	210.7
117.5°	280.9	260.5	244.8	235.0	230.1	226.8	223.7	220.1	215.7	211.0	206.5
120°	274.2	254.9	238.9	229.5	224.5	221.4	218.6	215.1	210.6	205.9	201.9
122.5°	266.1	247.4	232.4	223.1	218.4	215.4	212.7	209.3	205.1	200.6	195.9
125°	257.6	239.7	225.9	216.6	212.3	209.3	206.6	203.3	199.2	194.8	189.9
127.5°	247.8	230.5	217.5	209.0	204.9	201.9	199.4	196.6	192.5	188.2	183.7
130°	237.6	221.1	209.0	201.4	197.4	194.5	192.0	189.6	185.5	181.2	176.7
132.5°	227.0	211.7	200.5	193.1	189.3	186.3	183.9	181.7	177.8	173.6	169.3
135°	216.1	202.3	191.8	184.8	181.1	178.1	175.7	173.5	169.9	165.9	161.7
137.5°	204.4	191.8	182.1	175.4	171.9	169.1	167.0	164.5	161.3	157.8	153.9
140°	193.2	181.2	172.4	166.0	162.7	160.0	158.0	155.5	152.6	149.1	145.5
142.5°	181.1	169.8	161.9	155.9	153.0	150.4	148.5	146.2	143.6	140.2	136.7
145°	168.9	158.3	151.5	145.8	143.2	140.7	138.9	136.7	134.0	131.0	127.6
147.5°	155.7	146.1	140.1	134.6	132.4	130.1	128.4	126.4	123.9	121.1	118.1
150°	142.7	133.9	128.7	123.4	121.5	119.4	117.8	116.0	113.6	110.9	108.1
152.5°	129.4	121.5	116.8	111.9	110.1	108.1	106.5	104.8	102.7	100.3	97.6
155°	115.8	109.1	104.8	100.3	98.7	96.9	95.2	93.7	91.8	89.6	87.2
157.5°	100.7	95.7	92.0	88.1	86.7	85.2	83.7	82.2	80.6	78.7	76.6
160°	85.6	82.3	79.2	75.8	74.7	73.5	72.1	70.7	69.3	67.7	65.9
162.5°	71.6	69.1	66.4	63.6	62.6	61.5	60.3	59.1	57.9	56.5	55.0
165°	57.9	55.9	53.6	51.3	50.5	49.6	48.5	47.4	46.4	45.4	44.2
167.5°	45.3	43.6	41.7	39.8	39.1	38.4	37.6	36.7	35.8	34.9	33.9
170°	32.7	31.3	29.8	28.2	27.8	27.3	26.7	26.1	25.5	24.8	24.1
172.5°	21.7	20.7	19.6	18.4	18.2	18.0	17.6	17.2	16.8	16.4	15.8
175°	10.9	10.2	9.4	8.7	8.6	8.5	8.4	8.3	8.2	8.0	7.8
177.5°	5.4	5.1	4.7	4.4	4.3	4.3	4.3	4.2	4.2	4.1	4.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231994

CATALOG NUMBER: FVS4WM-4-LD4-40-2LO-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°	4.0	3.9	3.8	3.7	3.6	3.5	3.4	3.3	3.1	3.0	2.9
5°	7.7	7.5	7.3	7.1	6.8	6.6	6.4	6.2	5.9	5.7	5.4
7.5°	15.3	14.8	14.2	13.5	12.9	12.2	11.4	10.7	9.9	9.1	8.2
10°	23.3	22.6	21.7	20.9	20.0	19.0	18.0	17.0	15.9	14.8	13.7
12.5°	32.9	31.7	30.4	29.1	27.7	26.2	24.6	23.0	21.8	20.5	19.1
15°	43.0	41.5	39.9	38.2	36.4	34.7	33.0	31.1	29.2	27.3	25.1
17.5°	53.3	51.5	49.5	47.5	45.4	43.3	41.2	38.9	36.4	34.0	31.4
20°	63.9	61.9	59.7	57.4	54.9	52.3	49.4	46.5	43.6	40.6	38.0
22.5°	74.5	72.1	69.6	67.0	64.0	60.9	57.7	54.7	51.5	48.3	44.8
25°	84.6	82.0	79.1	76.2	73.0	69.7	66.3	62.8	59.2	55.5	51.7
27.5°	94.8	91.8	88.9	85.8	82.3	78.6	74.8	70.8	66.7	62.6	58.3
30°	105.1	101.7	98.3	94.7	90.9	86.9	82.6	78.2	73.9	69.4	64.6
32.5°	114.8	111.2	107.4	103.4	99.2	94.8	90.3	85.9	81.1	76.0	70.8
35°	124.0	120.2	116.1	111.9	107.3	102.8	98.4	93.5	88.0	82.5	77.1
37.5°	133.0	129.1	125.0	120.2	115.4	110.7	105.8	100.2	94.6	88.8	83.1
40°	141.6	137.3	132.7	127.9	123.2	118.3	112.5	106.6	100.8	94.9	89.0
42.5°	149.7	145.3	140.5	135.5	130.5	124.8	118.9	113.1	107.0	101.0	94.5
45°	157.3	152.6	147.8	142.6	137.2	131.5	125.4	119.2	112.9	106.5	99.8
47.5°	164.8	160.1	155.0	149.4	143.3	137.3	131.3	124.9	118.6	111.8	104.4
50°	172.1	167.0	161.6	155.6	149.3	143.3	136.9	130.2	123.5	116.3	108.8
52.5°	178.9	173.6	168.2	161.7	155.1	148.8	142.1	135.2	128.3	120.9	113.3
55°	184.8	179.5	173.9	167.1	160.6	154.1	147.2	139.9	132.6	125.2	117.4
57.5°	190.6	185.3	179.3	172.4	165.6	158.7	151.6	144.3	136.9	129.2	121.0
60°	196.0	190.3	183.9	177.1	170.2	163.1	156.0	148.2	140.4	132.5	124.3
62.5°	200.9	195.0	188.5	181.7	174.4	167.1	159.7	151.7	143.8	135.8	127.1
65°	205.1	198.7	192.2	185.4	178.0	170.8	163.1	155.1	146.9	138.4	129.3
67.5°	208.8	202.3	195.7	189.0	181.5	174.1	165.9	157.8	149.6	140.5	131.2
70°	212.2	205.6	199.0	191.9	184.3	176.8	168.6	160.3	152.0	142.4	133.2
72.5°	215.0	208.4	201.8	194.6	187.0	179.3	170.9	162.2	153.5	144.0	135.1
75°	217.4	210.4	203.7	196.3	188.7	181.0	172.6	163.8	154.7	145.6	136.7
77.5°	219.1	212.0	205.3	197.8	190.3	182.6	174.2	165.0	155.9	146.5	137.0
80°	220.6	213.4	206.7	199.0	191.3	183.3	174.8	165.6	156.5	146.9	137.3
82.5°	221.5	214.3	207.5	199.8	192.0	184.0	175.5	166.2	156.8	147.4	137.9
85°	222.4	215.2	208.0	200.2	192.7	184.3	176.1	166.3	157.4	148.0	138.1
87.5°	222.7	215.2	208.3	200.1	193.1	184.5	176.2	166.4	157.6	148.2	138.1
90°	223.1	215.1	208.6	200.0	193.5	184.8	176.1	166.7	157.4	148.0	137.9
92.5°	222.7	215.2	208.3	200.1	193.1	184.5	176.2	166.4	157.6	148.2	138.1
95°	222.4	215.2	208.0	200.2	192.7	184.3	176.1	166.3	157.4	148.0	138.1
97.5°	221.5	214.3	207.5	199.8	192.0	184.0	175.5	166.2	156.8	147.4	137.9
100°	220.6	213.4	206.7	199.0	191.3	183.3	174.8	165.6	156.5	146.9	137.3
102.5°	219.1	212.0	205.3	197.8	190.3	182.6	174.2	165.0	155.9	146.5	137.0
105°	217.4	210.4	203.7	196.3	188.7	181.0	172.6	163.8	154.7	145.6	136.7
107.5°	215.0	208.4	201.8	194.6	187.0	179.3	170.9	162.2	153.5	144.0	135.1
110°	212.2	205.6	199.0	191.9	184.3	176.8	168.6	160.3	152.0	142.4	133.2



TEST NUMBER: P231994

CATALOG NUMBER: FVS4WM-4-LD4-40-2LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	208.8	202.3	195.7	189.0	181.5	174.1	165.9	157.8	149.6	140.5	131.2
115°	205.1	198.7	192.2	185.4	178.0	170.8	163.1	155.1	146.9	138.4	129.3
117.5°	200.9	195.0	188.5	181.7	174.4	167.1	159.7	151.7	143.8	135.8	127.1
120°	196.0	190.3	183.9	177.1	170.2	163.1	156.0	148.2	140.4	132.5	124.3
122.5°	190.6	185.3	179.3	172.4	165.6	158.7	151.6	144.3	136.9	129.2	121.0
125°	184.8	179.5	173.9	167.1	160.6	154.1	147.2	139.9	132.6	125.2	117.4
127.5°	178.9	173.6	168.2	161.7	155.1	148.8	142.1	135.2	128.3	120.9	113.3
130°	172.1	167.0	161.6	155.6	149.3	143.3	136.9	130.2	123.5	116.3	108.8
132.5°	164.8	160.1	155.0	149.4	143.3	137.3	131.3	124.9	118.6	111.8	104.4
135°	157.3	152.6	147.8	142.6	137.2	131.5	125.4	119.2	112.9	106.5	99.8
137.5°	149.7	145.3	140.5	135.5	130.5	124.8	118.9	113.1	107.0	101.0	94.5
140°	141.6	137.3	132.7	127.9	123.2	118.3	112.5	106.6	100.8	94.9	89.0
142.5°	133.0	129.1	125.0	120.2	115.4	110.7	105.8	100.2	94.6	88.8	83.1
145°	124.0	120.2	116.1	111.9	107.3	102.8	98.4	93.5	88.0	82.5	77.1
147.5°	114.8	111.2	107.4	103.4	99.2	94.8	90.3	85.9	81.1	76.0	70.8
150°	105.1	101.7	98.3	94.7	90.9	86.9	82.6	78.2	73.9	69.4	64.6
152.5°	94.8	91.8	88.9	85.8	82.3	78.6	74.8	70.8	66.7	62.6	58.3
155°	84.6	82.0	79.1	76.2	73.0	69.7	66.3	62.8	59.2	55.5	51.7
157.5°	74.5	72.1	69.6	67.0	64.0	60.9	57.7	54.7	51.5	48.3	44.8
160°	63.9	61.9	59.7	57.4	54.9	52.3	49.4	46.5	43.6	40.6	38.0
162.5°	53.3	51.5	49.5	47.5	45.4	43.3	41.2	38.9	36.4	34.0	31.4
165°	43.0	41.5	39.9	38.2	36.4	34.7	33.0	31.1	29.2	27.3	25.1
167.5°	32.9	31.7	30.4	29.1	27.7	26.2	24.6	23.0	21.8	20.5	19.1
170°	23.3	22.6	21.7	20.9	20.0	19.0	18.0	17.0	15.9	14.8	13.7
172.5°	15.3	14.8	14.2	13.5	12.9	12.2	11.4	10.7	9.9	9.1	8.2
175°	7.7	7.5	7.3	7.1	6.8	6.6	6.4	6.2	5.9	5.7	5.4
177.5°	4.0	3.9	3.8	3.7	3.6	3.5	3.4	3.3	3.1	3.0	2.9
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: P231994

CATALOG NUMBER: FVS4WM-4-LD4-40-2LO-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°	2.7	2.6	2.5	2.3	2.2	2.0	1.8	1.7	1.5	1.4	1.2
5°	5.1	4.8	4.6	4.3	4.0	3.7	3.4	3.1	2.8	2.5	2.2
7.5°	7.1	6.8	6.4	5.9	5.5	5.1	4.7	4.3	3.8	3.4	3.0
10°	12.5	11.3	10.1	8.9	7.6	6.2	5.7	5.2	4.6	4.1	3.6
12.5°	17.7	16.3	14.7	13.2	11.5	9.9	8.2	6.6	5.2	4.6	4.0
15°	22.9	20.8	18.9	17.0	15.1	13.3	11.4	9.5	7.7	5.8	4.7
17.5°	28.9	26.3	23.7	20.9	18.6	16.5	14.4	12.3	10.2	8.0	5.8
20°	35.1	32.2	29.1	26.1	23.1	20.1	17.4	14.9	12.4	9.9	7.4
22.5°	41.2	37.6	34.2	30.9	27.6	24.1	20.5	16.9	14.2	11.5	8.8
25°	47.7	43.8	39.8	35.8	31.9	27.9	24.0	20.0	16.2	13.2	10.3
27.5°	53.9	49.5	45.0	40.5	36.0	31.6	27.4	23.3	19.2	14.8	11.7
30°	59.8	54.9	50.2	45.4	40.6	35.5	30.4	26.0	21.5	17.1	12.8
32.5°	65.8	60.8	55.7	50.0	44.9	39.4	34.1	28.7	24.2	19.4	14.5
35°	71.9	66.2	60.5	54.8	49.0	43.3	37.7	32.1	26.4	21.3	16.1
37.5°	77.3	71.4	65.1	59.1	53.0	46.9	40.8	34.8	28.9	23.0	17.6
40°	82.9	76.4	69.9	63.4	56.9	50.4	43.9	37.3	30.8	24.4	18.5
42.5°	87.9	81.2	74.4	67.6	60.7	53.7	46.5	39.4	32.5	26.0	19.8
45°	92.8	85.7	78.7	71.6	64.0	56.5	49.0	41.5	34.1	27.2	20.5
47.5°	97.2	90.0	82.6	74.8	67.1	59.2	51.0	43.1	35.5	28.2	21.4
50°	101.6	94.1	86.1	77.9	69.7	61.0	52.4	44.5	37.0	29.4	22.4
52.5°	105.8	98.2	89.6	80.9	72.0	62.8	53.9	45.7	37.6	30.1	23.0
55°	109.4	101.1	92.5	83.0	73.7	64.4	55.5	47.0	38.7	31.1	23.7
57.5°	112.5	103.8	94.8	85.3	75.8	66.0	56.7	47.8	39.4	31.5	24.0
60°	115.9	106.7	97.4	87.7	77.3	67.4	57.9	49.0	40.3	32.3	24.4
62.5°	118.4	109.3	99.9	89.6	78.9	68.5	58.7	49.5	40.6	32.4	24.8
65°	120.8	111.8	102.1	91.8	80.3	69.4	59.4	50.1	41.1	32.4	24.6
67.5°	122.4	113.6	104.3	93.7	81.9	70.5	60.1	50.4	41.1	32.6	24.7
70°	124.1	115.0	105.9	95.5	83.5	71.8	60.5	50.3	40.9	32.4	24.3
72.5°	126.0	116.7	106.8	96.5	85.0	73.0	61.3	50.7	40.6	31.9	23.7
75°	126.8	117.3	107.2	97.4	86.7	74.4	62.1	50.9	40.9	31.4	23.4
77.5°	127.3	117.6	107.8	98.2	87.7	75.9	63.4	51.4	40.9	31.1	22.5
80°	127.9	118.0	107.8	98.1	87.7	77.0	65.4	52.7	40.9	30.4	21.7
82.5°	128.0	117.9	107.4	97.8	87.3	76.6	65.9	54.3	41.7	30.0	20.4
85°	128.0	117.9	107.4	97.4	86.2	75.9	65.2	54.5	43.3	31.4	19.8
87.5°	128.2	118.0	107.9	97.1	85.6	75.5	64.6	53.8	43.2	32.4	21.5
90°	128.5	117.7	107.6	97.4	85.2	75.8	64.2	53.4	43.3	31.8	21.7
92.5°	128.2	118.0	107.9	97.1	85.6	75.5	64.6	53.8	43.2	32.4	21.5
95°	128.0	117.9	107.4	97.4	86.2	75.9	65.2	54.5	43.3	31.4	19.8
97.5°	128.0	117.9	107.4	97.8	87.3	76.6	65.9	54.3	41.7	30.0	20.4
100°	127.9	118.0	107.8	98.1	87.7	77.0	65.4	52.7	40.9	30.4	21.7
102.5°	127.3	117.6	107.8	98.2	87.7	75.9	63.4	51.4	40.9	31.1	22.5
105°	126.8	117.3	107.2	97.4	86.7	74.4	62.1	50.9	40.9	31.4	23.4
107.5°	126.0	116.7	106.8	96.5	85.0	73.0	61.3	50.7	40.6	31.9	23.7
110°	124.1	115.0	105.9	95.5	83.5	71.8	60.5	50.3	40.9	32.4	24.3



TEST NUMBER: P231994

CATALOG NUMBER: FVS4WM-4-LD4-40-2LO-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°	122.4	113.6	104.3	93.7	81.9	70.5	60.1	50.4	41.1	32.6	24.7
115°	120.8	111.8	102.1	91.8	80.3	69.4	59.4	50.1	41.1	32.4	24.6
117.5°	118.4	109.3	99.9	89.6	78.9	68.5	58.7	49.5	40.6	32.4	24.8
120°	115.9	106.7	97.4	87.7	77.3	67.4	57.9	49.0	40.3	32.3	24.4
122.5°	112.5	103.8	94.8	85.3	75.8	66.0	56.7	47.8	39.4	31.5	24.0
125°	109.4	101.1	92.5	83.0	73.7	64.4	55.5	47.0	38.7	31.1	23.7
127.5°	105.8	98.2	89.6	80.9	72.0	62.8	53.9	45.7	37.6	30.1	23.0
130°	101.6	94.1	86.1	77.9	69.7	61.0	52.4	44.5	37.0	29.4	22.4
132.5°	97.2	90.0	82.6	74.8	67.1	59.2	51.0	43.1	35.5	28.2	21.4
135°	92.8	85.7	78.7	71.6	64.0	56.5	49.0	41.5	34.1	27.2	20.5
137.5°	87.9	81.2	74.4	67.6	60.7	53.7	46.5	39.4	32.5	26.0	19.8
140°	82.9	76.4	69.9	63.4	56.9	50.4	43.9	37.3	30.8	24.4	18.5
142.5°	77.3	71.4	65.1	59.1	53.0	46.9	40.8	34.8	28.9	23.0	17.6
145°	71.9	66.2	60.5	54.8	49.0	43.3	37.7	32.1	26.4	21.3	16.1
147.5°	65.8	60.8	55.7	50.0	44.9	39.4	34.1	28.7	24.2	19.4	14.5
150°	59.8	54.9	50.2	45.4	40.6	35.5	30.4	26.0	21.5	17.1	12.8
152.5°	53.9	49.5	45.0	40.5	36.0	31.6	27.4	23.3	19.2	14.8	11.7
155°	47.7	43.8	39.8	35.8	31.9	27.9	24.0	20.0	16.2	13.2	10.3
157.5°	41.2	37.6	34.2	30.9	27.6	24.1	20.5	16.9	14.2	11.5	8.8
160°	35.1	32.2	29.1	26.1	23.1	20.1	17.4	14.9	12.4	9.9	7.4
162.5°	28.9	26.3	23.7	20.9	18.6	16.5	14.4	12.3	10.2	8.0	5.8
165°	22.9	20.8	18.9	17.0	15.1	13.3	11.4	9.5	7.7	5.8	4.7
167.5°	17.7	16.3	14.7	13.2	11.5	9.9	8.2	6.6	5.2	4.6	4.0
170°	12.5	11.3	10.1	8.9	7.6	6.2	5.7	5.2	4.6	4.1	3.6
172.5°	7.1	6.8	6.4	5.9	5.5	5.1	4.7	4.3	3.8	3.4	3.0
175°	5.1	4.8	4.6	4.3	4.0	3.7	3.4	3.1	2.8	2.5	2.2
177.5°	2.7	2.6	2.5	2.3	2.2	2.0	1.8	1.7	1.5	1.4	1.2
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: P231994

CATALOG NUMBER: FVS4WM-4-LD4-40-2LO-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	0.9	0.7	0.5	0.3	0.2	0.0	0.2	0.3	0.5	0.7
5°	1.9	1.6	1.3	0.9	0.6	0.3	0.0	0.3	0.6	0.9	1.3
7.5°	2.6	2.1	1.7	1.3	0.9	0.4	0.0	0.4	0.9	1.3	1.7
10°	3.1	2.6	2.0	1.5	1.0	0.5	0.0	0.5	1.0	1.5	2.0
12.5°	3.4	2.8	2.3	1.7	1.1	0.6	0.0	0.6	1.1	1.7	2.3
15°	4.0	3.4	2.7	2.0	1.4	0.7	0.0	0.7	1.4	2.0	2.7
17.5°	4.2	3.5	2.8	2.1	1.4	0.7	0.0	0.7	1.4	2.1	2.8
20°	4.9	3.4	2.7	2.0	1.3	0.7	0.0	0.7	1.3	2.0	2.7
22.5°	6.1	3.4	2.5	1.8	1.2	0.6	0.0	0.6	1.2	1.8	2.5
25°	7.3	4.4	2.1	1.6	1.0	0.5	0.0	0.5	1.0	1.6	2.1
27.5°	8.5	5.2	2.0	1.2	0.7	0.4	0.0	0.4	0.7	1.2	2.0
30°	9.5	6.2	3.0	1.2	0.8	0.4	0.0	0.4	0.8	1.2	3.0
32.5°	10.2	6.9	3.6	0.7	0.5	0.2	0.0	0.2	0.5	0.7	3.6
35°	11.0	7.4	4.2	1.1	0.5	0.2	0.0	0.2	0.5	1.1	4.2
37.5°	12.2	7.6	4.6	1.8	0.5	0.3	0.0	0.3	0.5	1.8	4.6
40°	13.2	7.9	4.8	2.2	0.6	0.3	0.0	0.3	0.6	2.2	4.8
42.5°	14.0	8.6	4.6	2.4	0.6	0.3	0.0	0.3	0.6	2.4	4.6
45°	14.3	9.0	4.0	2.0	0.1	0.0	0.0	0.0	0.1	2.0	4.0
47.5°	15.1	9.5	4.5	2.1	0.8	0.7	0.7	0.7	0.8	2.1	4.5
50°	15.9	9.9	5.1	2.0	1.0	0.7	0.7	0.7	1.0	2.0	5.1
52.5°	16.2	10.1	5.3	1.5	0.9	0.7	0.7	0.7	0.9	1.5	5.3
55°	16.7	10.4	5.1	1.9	1.0	0.7	0.7	0.7	1.0	1.9	5.1
57.5°	17.0	10.6	4.8	1.9	0.8	0.7	0.7	0.7	0.8	1.9	4.8
60°	17.1	10.7	5.4	2.0	0.7	0.7	0.7	0.7	0.7	2.0	5.4
62.5°	17.7	11.3	5.8	2.1	0.7	0.7	0.7	0.7	0.7	2.1	5.8
65°	17.9	11.7	5.6	2.1	0.8	0.7	0.7	0.7	0.8	2.1	5.6
67.5°	17.8	11.4	5.5	1.9	0.8	0.7	0.7	0.7	0.8	1.9	5.5
70°	17.3	11.3	5.3	1.8	0.7	0.7	0.7	0.7	0.7	1.8	5.3
72.5°	16.9	10.7	5.2	1.7	0.3	0.7	0.7	0.7	0.3	1.7	5.2
75°	16.0	10.0	4.8	1.2	0.1	0.7	0.7	0.7	0.1	1.2	4.8
77.5°	15.1	9.3	3.9	0.6	0.0	0.1	0.0	0.1	0.0	0.6	3.9
80°	13.8	7.5	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7
82.5°	12.3	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	10.7	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	10.4	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	12.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	10.4	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	10.7	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	12.3	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	13.8	7.5	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7
102.5°	15.1	9.3	3.9	0.6	0.0	0.1	0.0	0.1	0.0	0.6	3.9
105°	16.0	10.0	4.8	1.2	0.1	0.7	0.7	0.7	0.1	1.2	4.8
107.5°	16.9	10.7	5.2	1.7	0.3	0.7	0.7	0.7	0.3	1.7	5.2
110°	17.3	11.3	5.3	1.8	0.7	0.7	0.7	0.7	0.7	1.8	5.3



TEST NUMBER: P231994

CATALOG NUMBER: FVS4WM-4-LD4-40-2LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	17.8	11.4	5.5	1.9	0.8	0.7	0.7	0.7	0.8	1.9	5.5
115°	17.9	11.7	5.6	2.1	0.8	0.7	0.7	0.7	0.8	2.1	5.6
117.5°	17.7	11.3	5.8	2.1	0.7	0.7	0.7	0.7	0.7	2.1	5.8
120°	17.1	10.7	5.4	2.0	0.7	0.7	0.7	0.7	0.7	2.0	5.4
122.5°	17.0	10.6	4.8	1.9	0.8	0.7	0.7	0.7	0.8	1.9	4.8
125°	16.7	10.4	5.1	1.9	1.0	0.7	0.7	0.7	1.0	1.9	5.1
127.5°	16.2	10.1	5.3	1.5	0.9	0.7	0.7	0.7	0.9	1.5	5.3
130°	15.9	9.9	5.1	2.0	1.0	0.7	0.7	0.7	1.0	2.0	5.1
132.5°	15.1	9.5	4.5	2.1	0.8	0.7	0.7	0.7	0.8	2.1	4.5
135°	14.3	9.0	4.0	2.0	0.1	0.0	0.0	0.0	0.1	2.0	4.0
137.5°	14.0	8.6	4.6	2.4	0.6	0.3	0.0	0.3	0.6	2.4	4.6
140°	13.2	7.9	4.8	2.2	0.6	0.3	0.0	0.3	0.6	2.2	4.8
142.5°	12.2	7.6	4.6	1.8	0.5	0.3	0.0	0.3	0.5	1.8	4.6
145°	11.0	7.4	4.2	1.1	0.5	0.2	0.0	0.2	0.5	1.1	4.2
147.5°	10.2	6.9	3.6	0.7	0.5	0.2	0.0	0.2	0.5	0.7	3.6
150°	9.5	6.2	3.0	1.2	0.8	0.4	0.0	0.4	0.8	1.2	3.0
152.5°	8.5	5.2	2.0	1.2	0.7	0.4	0.0	0.4	0.7	1.2	2.0
155°	7.3	4.4	2.1	1.6	1.0	0.5	0.0	0.5	1.0	1.6	2.1
157.5°	6.1	3.4	2.5	1.8	1.2	0.6	0.0	0.6	1.2	1.8	2.5
160°	4.9	3.4	2.7	2.0	1.3	0.7	0.0	0.7	1.3	2.0	2.7
162.5°	4.2	3.5	2.8	2.1	1.4	0.7	0.0	0.7	1.4	2.1	2.8
165°	4.0	3.4	2.7	2.0	1.4	0.7	0.0	0.7	1.4	2.0	2.7
167.5°	3.4	2.8	2.3	1.7	1.1	0.6	0.0	0.6	1.1	1.7	2.3
170°	3.1	2.6	2.0	1.5	1.0	0.5	0.0	0.5	1.0	1.5	2.0
172.5°	2.6	2.1	1.7	1.3	0.9	0.4	0.0	0.4	0.9	1.3	1.7
175°	1.9	1.6	1.3	0.9	0.6	0.3	0.0	0.3	0.6	0.9	1.3
177.5°	1.0	0.9	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: P231994

CATALOG NUMBER: FVS4WM-4-LD4-40-2LO-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°	0.9	1.0	1.2	1.4	1.5	1.7	1.8	2.0	2.2	2.3	2.5
5°	1.6	1.9	2.2	2.5	2.8	3.1	3.4	3.7	4.0	4.3	4.6
7.5°	2.1	2.6	3.0	3.4	3.8	4.3	4.7	5.1	5.5	5.9	6.4
10°	2.6	3.1	3.6	4.1	4.6	5.2	5.7	6.2	7.6	8.9	10.1
12.5°	2.8	3.4	4.0	4.6	5.2	6.6	8.2	9.9	11.5	13.2	14.7
15°	3.4	4.0	4.7	5.8	7.7	9.5	11.4	13.3	15.1	17.0	18.9
17.5°	3.5	4.2	5.8	8.0	10.2	12.3	14.4	16.5	18.6	20.9	23.7
20°	3.4	4.9	7.4	9.9	12.4	14.9	17.4	20.1	23.1	26.1	29.1
22.5°	3.4	6.1	8.8	11.5	14.2	16.9	20.5	24.1	27.6	30.9	34.2
25°	4.4	7.3	10.3	13.2	16.2	20.0	24.0	27.9	31.9	35.8	39.8
27.5°	5.2	8.5	11.7	14.8	19.2	23.3	27.4	31.6	36.0	40.5	45.0
30°	6.2	9.5	12.8	17.1	21.5	26.0	30.4	35.5	40.6	45.4	50.2
32.5°	6.9	10.2	14.5	19.4	24.2	28.7	34.1	39.4	44.9	50.0	55.7
35°	7.4	11.0	16.1	21.3	26.4	32.1	37.7	43.3	49.0	54.8	60.5
37.5°	7.6	12.2	17.6	23.0	28.9	34.8	40.8	46.9	53.0	59.1	65.1
40°	7.9	13.2	18.5	24.4	30.8	37.3	43.9	50.4	56.9	63.4	69.9
42.5°	8.6	14.0	19.8	26.0	32.5	39.4	46.5	53.7	60.7	67.6	74.4
45°	9.0	14.3	20.5	27.2	34.1	41.5	49.0	56.5	64.0	71.6	78.7
47.5°	9.5	15.1	21.4	28.2	35.5	43.1	51.0	59.2	67.1	74.8	82.6
50°	9.9	15.9	22.4	29.4	37.0	44.5	52.4	61.0	69.7	77.9	86.1
52.5°	10.1	16.2	23.0	30.1	37.6	45.7	53.9	62.8	72.0	80.9	89.6
55°	10.4	16.7	23.7	31.1	38.7	47.0	55.5	64.4	73.7	83.0	92.5
57.5°	10.6	17.0	24.0	31.5	39.4	47.8	56.7	66.0	75.8	85.3	94.8
60°	10.7	17.1	24.4	32.3	40.3	49.0	57.9	67.4	77.3	87.7	97.4
62.5°	11.3	17.7	24.8	32.4	40.6	49.5	58.7	68.5	78.9	89.6	99.9
65°	11.7	17.9	24.6	32.4	41.1	50.1	59.4	69.4	80.3	91.8	102.1
67.5°	11.4	17.8	24.7	32.6	41.1	50.4	60.1	70.5	81.9	93.7	104.3
70°	11.3	17.3	24.3	32.4	40.9	50.3	60.5	71.8	83.5	95.5	105.9
72.5°	10.7	16.9	23.7	31.9	40.6	50.7	61.3	73.0	85.0	96.5	106.8
75°	10.0	16.0	23.4	31.4	40.9	50.9	62.1	74.4	86.7	97.4	107.2
77.5°	9.3	15.1	22.5	31.1	40.9	51.4	63.4	75.9	87.7	98.2	107.8
80°	7.5	13.8	21.7	30.4	40.9	52.7	65.4	77.0	87.7	98.1	107.8
82.5°	5.3	12.3	20.4	30.0	41.7	54.3	65.9	76.6	87.3	97.8	107.4
85°	2.9	10.7	19.8	31.4	43.3	54.5	65.2	75.9	86.2	97.4	107.4
87.5°	0.9	10.4	21.5	32.4	43.2	53.8	64.6	75.5	85.6	97.1	107.9
90°	0.0	12.3	21.7	31.8	43.3	53.4	64.2	75.8	85.2	97.4	107.6
92.5°	0.9	10.4	21.5	32.4	43.2	53.8	64.6	75.5	85.6	97.1	107.9
95°	2.9	10.7	19.8	31.4	43.3	54.5	65.2	75.9	86.2	97.4	107.4
97.5°	5.3	12.3	20.4	30.0	41.7	54.3	65.9	76.6	87.3	97.8	107.4
100°	7.5	13.8	21.7	30.4	40.9	52.7	65.4	77.0	87.7	98.1	107.8
102.5°	9.3	15.1	22.5	31.1	40.9	51.4	63.4	75.9	87.7	98.2	107.8
105°	10.0	16.0	23.4	31.4	40.9	50.9	62.1	74.4	86.7	97.4	107.2
107.5°	10.7	16.9	23.7	31.9	40.6	50.7	61.3	73.0	85.0	96.5	106.8
110°	11.3	17.3	24.3	32.4	40.9	50.3	60.5	71.8	83.5	95.5	105.9



TEST NUMBER: P231994

CATALOG NUMBER: FVS4WM-4-LD4-40-2LO-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°	11.4	17.8	24.7	32.6	41.1	50.4	60.1	70.5	81.9	93.7	104.3
115°	11.7	17.9	24.6	32.4	41.1	50.1	59.4	69.4	80.3	91.8	102.1
117.5°	11.3	17.7	24.8	32.4	40.6	49.5	58.7	68.5	78.9	89.6	99.9
120°	10.7	17.1	24.4	32.3	40.3	49.0	57.9	67.4	77.3	87.7	97.4
122.5°	10.6	17.0	24.0	31.5	39.4	47.8	56.7	66.0	75.8	85.3	94.8
125°	10.4	16.7	23.7	31.1	38.7	47.0	55.5	64.4	73.7	83.0	92.5
127.5°	10.1	16.2	23.0	30.1	37.6	45.7	53.9	62.8	72.0	80.9	89.6
130°	9.9	15.9	22.4	29.4	37.0	44.5	52.4	61.0	69.7	77.9	86.1
132.5°	9.5	15.1	21.4	28.2	35.5	43.1	51.0	59.2	67.1	74.8	82.6
135°	9.0	14.3	20.5	27.2	34.1	41.5	49.0	56.5	64.0	71.6	78.7
137.5°	8.6	14.0	19.8	26.0	32.5	39.4	46.5	53.7	60.7	67.6	74.4
140°	7.9	13.2	18.5	24.4	30.8	37.3	43.9	50.4	56.9	63.4	69.9
142.5°	7.6	12.2	17.6	23.0	28.9	34.8	40.8	46.9	53.0	59.1	65.1
145°	7.4	11.0	16.1	21.3	26.4	32.1	37.7	43.3	49.0	54.8	60.5
147.5°	6.9	10.2	14.5	19.4	24.2	28.7	34.1	39.4	44.9	50.0	55.7
150°	6.2	9.5	12.8	17.1	21.5	26.0	30.4	35.5	40.6	45.4	50.2
152.5°	5.2	8.5	11.7	14.8	19.2	23.3	27.4	31.6	36.0	40.5	45.0
155°	4.4	7.3	10.3	13.2	16.2	20.0	24.0	27.9	31.9	35.8	39.8
157.5°	3.4	6.1	8.8	11.5	14.2	16.9	20.5	24.1	27.6	30.9	34.2
160°	3.4	4.9	7.4	9.9	12.4	14.9	17.4	20.1	23.1	26.1	29.1
162.5°	3.5	4.2	5.8	8.0	10.2	12.3	14.4	16.5	18.6	20.9	23.7
165°	3.4	4.0	4.7	5.8	7.7	9.5	11.4	13.3	15.1	17.0	18.9
167.5°	2.8	3.4	4.0	4.6	5.2	6.6	8.2	9.9	11.5	13.2	14.7
170°	2.6	3.1	3.6	4.1	4.6	5.2	5.7	6.2	7.6	8.9	10.1
172.5°	2.1	2.6	3.0	3.4	3.8	4.3	4.7	5.1	5.5	5.9	6.4
175°	1.6	1.9	2.2	2.5	2.8	3.1	3.4	3.7	4.0	4.3	4.6
177.5°	0.9	1.0	1.2	1.4	1.5	1.7	1.8	2.0	2.2	2.3	2.5
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231994

CATALOG NUMBER: FVS4WM-4-LD4-40-2LO-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°	2.6	2.7	2.9	3.0	3.1	3.3	3.4	3.5	3.6	3.7	3.8
5°	4.8	5.1	5.4	5.7	5.9	6.2	6.4	6.6	6.8	7.1	7.3
7.5°	6.8	7.1	8.2	9.1	9.9	10.7	11.4	12.2	12.9	13.5	14.2
10°	11.3	12.5	13.7	14.8	15.9	17.0	18.0	19.0	20.0	20.9	21.7
12.5°	16.3	17.7	19.1	20.5	21.8	23.0	24.6	26.2	27.7	29.1	30.4
15°	20.8	22.9	25.1	27.3	29.2	31.1	33.0	34.7	36.4	38.2	39.9
17.5°	26.3	28.9	31.4	34.0	36.4	38.9	41.2	43.3	45.4	47.5	49.5
20°	32.2	35.1	38.0	40.6	43.6	46.5	49.4	52.3	54.9	57.4	59.7
22.5°	37.6	41.2	44.8	48.3	51.5	54.7	57.7	60.9	64.0	67.0	69.6
25°	43.8	47.7	51.7	55.5	59.2	62.8	66.3	69.7	73.0	76.2	79.1
27.5°	49.5	53.9	58.3	62.6	66.7	70.8	74.8	78.6	82.3	85.8	88.9
30°	54.9	59.8	64.6	69.4	73.9	78.2	82.6	86.9	90.9	94.7	98.3
32.5°	60.8	65.8	70.8	76.0	81.1	85.9	90.3	94.8	99.2	103.4	107.4
35°	66.2	71.9	77.1	82.5	88.0	93.5	98.4	102.8	107.3	111.9	116.1
37.5°	71.4	77.3	83.1	88.8	94.6	100.2	105.8	110.7	115.4	120.2	125.0
40°	76.4	82.9	89.0	94.9	100.8	106.6	112.5	118.3	123.2	127.9	132.7
42.5°	81.2	87.9	94.5	101.0	107.0	113.1	118.9	124.8	130.5	135.5	140.5
45°	85.7	92.8	99.8	106.5	112.9	119.2	125.4	131.5	137.2	142.6	147.8
47.5°	90.0	97.2	104.4	111.8	118.6	124.9	131.3	137.3	143.3	149.4	155.0
50°	94.1	101.6	108.8	116.3	123.5	130.2	136.9	143.3	149.3	155.6	161.6
52.5°	98.2	105.8	113.3	120.9	128.3	135.2	142.1	148.8	155.1	161.7	168.2
55°	101.1	109.4	117.4	125.2	132.6	139.9	147.2	154.1	160.6	167.1	173.9
57.5°	103.8	112.5	121.0	129.2	136.9	144.3	151.6	158.7	165.6	172.4	179.3
60°	106.7	115.9	124.3	132.5	140.4	148.2	156.0	163.1	170.2	177.1	183.9
62.5°	109.3	118.4	127.1	135.8	143.8	151.7	159.7	167.1	174.4	181.7	188.5
65°	111.8	120.8	129.3	138.4	146.9	155.1	163.1	170.8	178.0	185.4	192.2
67.5°	113.6	122.4	131.2	140.5	149.6	157.8	165.9	174.1	181.5	189.0	195.7
70°	115.0	124.1	133.2	142.4	152.0	160.3	168.6	176.8	184.3	191.9	199.0
72.5°	116.7	126.0	135.1	144.0	153.5	162.2	170.9	179.3	187.0	194.6	201.8
75°	117.3	126.8	136.7	145.6	154.7	163.8	172.6	181.0	188.7	196.3	203.7
77.5°	117.6	127.3	137.0	146.5	155.9	165.0	174.2	182.6	190.3	197.8	205.3
80°	118.0	127.9	137.3	146.9	156.5	165.6	174.8	183.3	191.3	199.0	206.7
82.5°	117.9	128.0	137.9	147.4	156.8	166.2	175.5	184.0	192.0	199.8	207.5
85°	117.9	128.0	138.1	148.0	157.4	166.3	176.1	184.3	192.7	200.2	208.0
87.5°	118.0	128.2	138.1	148.2	157.6	166.4	176.2	184.5	193.1	200.1	208.3
90°	117.7	128.5	137.9	148.0	157.4	166.7	176.1	184.8	193.5	200.0	208.6
92.5°	118.0	128.2	138.1	148.2	157.6	166.4	176.2	184.5	193.1	200.1	208.3
95°	117.9	128.0	138.1	148.0	157.4	166.3	176.1	184.3	192.7	200.2	208.0
97.5°	117.9	128.0	137.9	147.4	156.8	166.2	175.5	184.0	192.0	199.8	207.5
100°	118.0	127.9	137.3	146.9	156.5	165.6	174.8	183.3	191.3	199.0	206.7
102.5°	117.6	127.3	137.0	146.5	155.9	165.0	174.2	182.6	190.3	197.8	205.3
105°	117.3	126.8	136.7	145.6	154.7	163.8	172.6	181.0	188.7	196.3	203.7
107.5°	116.7	126.0	135.1	144.0	153.5	162.2	170.9	179.3	187.0	194.6	201.8
110°	115.0	124.1	133.2	142.4	152.0	160.3	168.6	176.8	184.3	191.9	199.0



TEST NUMBER: P231994

CATALOG NUMBER: FVS4WM-4-LD4-40-2LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	113.6	122.4	131.2	140.5	149.6	157.8	165.9	174.1	181.5	189.0	195.7
115°	111.8	120.8	129.3	138.4	146.9	155.1	163.1	170.8	178.0	185.4	192.2
117.5°	109.3	118.4	127.1	135.8	143.8	151.7	159.7	167.1	174.4	181.7	188.5
120°	106.7	115.9	124.3	132.5	140.4	148.2	156.0	163.1	170.2	177.1	183.9
122.5°	103.8	112.5	121.0	129.2	136.9	144.3	151.6	158.7	165.6	172.4	179.3
125°	101.1	109.4	117.4	125.2	132.6	139.9	147.2	154.1	160.6	167.1	173.9
127.5°	98.2	105.8	113.3	120.9	128.3	135.2	142.1	148.8	155.1	161.7	168.2
130°	94.1	101.6	108.8	116.3	123.5	130.2	136.9	143.3	149.3	155.6	161.6
132.5°	90.0	97.2	104.4	111.8	118.6	124.9	131.3	137.3	143.3	149.4	155.0
135°	85.7	92.8	99.8	106.5	112.9	119.2	125.4	131.5	137.2	142.6	147.8
137.5°	81.2	87.9	94.5	101.0	107.0	113.1	118.9	124.8	130.5	135.5	140.5
140°	76.4	82.9	89.0	94.9	100.8	106.6	112.5	118.3	123.2	127.9	132.7
142.5°	71.4	77.3	83.1	88.8	94.6	100.2	105.8	110.7	115.4	120.2	125.0
145°	66.2	71.9	77.1	82.5	88.0	93.5	98.4	102.8	107.3	111.9	116.1
147.5°	60.8	65.8	70.8	76.0	81.1	85.9	90.3	94.8	99.2	103.4	107.4
150°	54.9	59.8	64.6	69.4	73.9	78.2	82.6	86.9	90.9	94.7	98.3
152.5°	49.5	53.9	58.3	62.6	66.7	70.8	74.8	78.6	82.3	85.8	88.9
155°	43.8	47.7	51.7	55.5	59.2	62.8	66.3	69.7	73.0	76.2	79.1
157.5°	37.6	41.2	44.8	48.3	51.5	54.7	57.7	60.9	64.0	67.0	69.6
160°	32.2	35.1	38.0	40.6	43.6	46.5	49.4	52.3	54.9	57.4	59.7
162.5°	26.3	28.9	31.4	34.0	36.4	38.9	41.2	43.3	45.4	47.5	49.5
165°	20.8	22.9	25.1	27.3	29.2	31.1	33.0	34.7	36.4	38.2	39.9
167.5°	16.3	17.7	19.1	20.5	21.8	23.0	24.6	26.2	27.7	29.1	30.4
170°	11.3	12.5	13.7	14.8	15.9	17.0	18.0	19.0	20.0	20.9	21.7
172.5°	6.8	7.1	8.2	9.1	9.9	10.7	11.4	12.2	12.9	13.5	14.2
175°	4.8	5.1	5.4	5.7	5.9	6.2	6.4	6.6	6.8	7.1	7.3
177.5°	2.6	2.7	2.9	3.0	3.1	3.3	3.4	3.5	3.6	3.7	3.8
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231994

CATALOG NUMBER: FVS4WM-4-LD4-40-2LO-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°	3.9	4.0	4.0	4.1	4.2	4.2	4.3	4.3	4.3	4.4	4.7
5°	7.5	7.7	7.8	8.0	8.2	8.3	8.4	8.5	8.6	8.7	9.4
7.5°	14.8	15.3	15.8	16.4	16.8	17.2	17.6	18.0	18.2	18.5	19.6
10°	22.6	23.3	24.1	24.8	25.5	26.1	26.7	27.3	27.8	28.2	29.8
12.5°	31.7	32.9	33.9	34.9	35.8	36.7	37.6	38.4	39.1	39.8	41.7
15°	41.5	43.0	44.2	45.4	46.4	47.4	48.5	49.6	50.5	51.3	53.6
17.5°	51.5	53.3	55.0	56.5	57.9	59.1	60.3	61.5	62.6	63.6	66.4
20°	61.9	63.9	65.9	67.7	69.3	70.7	72.1	73.5	74.7	75.8	79.2
22.5°	72.1	74.5	76.6	78.7	80.6	82.2	83.7	85.2	86.7	88.1	92.0
25°	82.0	84.6	87.2	89.6	91.8	93.7	95.2	96.9	98.7	100.3	104.8
27.5°	91.8	94.8	97.6	100.3	102.7	104.8	106.5	108.1	110.1	111.9	116.8
30°	101.7	105.1	108.1	110.9	113.6	116.0	117.8	119.4	121.5	123.4	128.7
32.5°	111.2	114.8	118.1	121.1	123.9	126.4	128.4	130.1	132.4	134.6	140.1
35°	120.2	124.0	127.6	131.0	134.0	136.7	138.9	140.7	143.2	145.8	151.5
37.5°	129.1	133.0	136.7	140.2	143.6	146.2	148.5	150.4	153.0	155.9	161.9
40°	137.3	141.6	145.5	149.1	152.6	155.5	158.0	160.0	162.7	166.0	172.4
42.5°	145.3	149.7	153.9	157.8	161.3	164.5	167.0	169.1	171.9	175.4	182.1
45°	152.6	157.3	161.7	165.9	169.9	173.5	175.7	178.1	181.1	184.8	191.8
47.5°	160.1	164.8	169.3	173.6	177.8	181.7	183.9	186.3	189.3	193.1	200.5
50°	167.0	172.1	176.7	181.2	185.5	189.6	192.0	194.5	197.4	201.4	209.0
52.5°	173.6	178.9	183.7	188.2	192.5	196.6	199.4	201.9	204.9	209.0	217.5
55°	179.5	184.8	189.9	194.8	199.2	203.3	206.6	209.3	212.3	216.6	225.9
57.5°	185.3	190.6	195.9	200.6	205.1	209.3	212.7	215.4	218.4	223.1	232.4
60°	190.3	196.0	201.9	205.9	210.6	215.1	218.6	221.4	224.5	229.5	238.9
62.5°	195.0	200.9	206.5	211.0	215.7	220.1	223.7	226.8	230.1	235.0	244.8
65°	198.7	205.1	210.7	215.7	220.7	225.1	228.7	232.2	235.7	240.4	250.8
67.5°	202.3	208.8	214.5	219.6	224.6	229.3	233.2	236.4	239.7	244.7	254.6
70°	205.6	212.2	218.1	223.2	228.2	233.2	237.7	240.6	243.6	249.0	258.5
72.5°	208.4	215.0	221.0	226.2	231.4	236.5	240.7	243.8	246.8	252.3	262.2
75°	210.4	217.4	223.7	229.2	234.4	239.9	243.5	247.0	250.0	255.5	266.4
77.5°	212.0	219.1	225.5	231.3	236.2	241.7	245.6	249.1	252.1	257.7	268.5
80°	213.4	220.6	227.1	233.3	237.8	243.5	247.7	251.3	254.2	259.9	270.7
82.5°	214.3	221.5	228.3	234.1	239.1	244.5	248.8	252.3	255.2	261.4	272.1
85°	215.2	222.4	229.5	234.7	240.4	245.4	249.8	253.4	256.3	262.8	273.6
87.5°	215.2	222.7	229.5	234.7	240.4	245.4	249.8	253.4	256.3	262.8	273.6
90°	215.1	223.1	229.5	235.3	240.4	246.2	250.5	254.1	257.0	262.8	274.3
92.5°	215.2	222.7	229.5	235.0	240.4	245.8	250.2	253.8	256.7	262.8	273.9
95°	215.2	222.4	229.5	234.7	240.4	245.4	249.8	253.4	256.3	262.8	273.6
97.5°	214.3	221.5	228.3	234.1	239.1	244.5	248.8	252.3	255.2	261.4	272.1
100°	213.4	220.6	227.1	233.3	237.8	243.5	247.7	251.3	254.2	259.9	270.7
102.5°	212.0	219.1	225.5	231.3	236.2	241.7	245.6	249.1	252.1	257.7	268.5
105°	210.4	217.4	223.7	229.2	234.4	239.9	243.5	247.0	250.0	255.5	266.4
107.5°	208.4	215.0	221.0	226.2	231.4	236.5	240.7	243.8	246.8	252.3	262.2
110°	205.6	212.2	218.1	223.2	228.2	233.2	237.7	240.6	243.6	249.0	258.5



TEST NUMBER: P231994

CATALOG NUMBER: FVS4WM-4-LD4-40-2LO-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°	202.3	208.8	214.5	219.6	224.6	229.3	233.2	236.4	239.7	244.7	254.6
115°	198.7	205.1	210.7	215.7	220.7	225.1	228.7	232.2	235.7	240.4	250.8
117.5°	195.0	200.9	206.5	211.0	215.7	220.1	223.7	226.8	230.1	235.0	244.8
120°	190.3	196.0	201.9	205.9	210.6	215.1	218.6	221.4	224.5	229.5	238.9
122.5°	185.3	190.6	195.9	200.6	205.1	209.3	212.7	215.4	218.4	223.1	232.4
125°	179.5	184.8	189.9	194.8	199.2	203.3	206.6	209.3	212.3	216.6	225.9
127.5°	173.6	178.9	183.7	188.2	192.5	196.6	199.4	201.9	204.9	209.0	217.5
130°	167.0	172.1	176.7	181.2	185.5	189.6	192.0	194.5	197.4	201.4	209.0
132.5°	160.1	164.8	169.3	173.6	177.8	181.7	183.9	186.3	189.3	193.1	200.5
135°	152.6	157.3	161.7	165.9	169.9	173.5	175.7	178.1	181.1	184.8	191.8
137.5°	145.3	149.7	153.9	157.8	161.3	164.5	167.0	169.1	171.9	175.4	182.1
140°	137.3	141.6	145.5	149.1	152.6	155.5	158.0	160.0	162.7	166.0	172.4
142.5°	129.1	133.0	136.7	140.2	143.6	146.2	148.5	150.4	153.0	155.9	161.9
145°	120.2	124.0	127.6	131.0	134.0	136.7	138.9	140.7	143.2	145.8	151.5
147.5°	111.2	114.8	118.1	121.1	123.9	126.4	128.4	130.1	132.4	134.6	140.1
150°	101.7	105.1	108.1	110.9	113.6	116.0	117.8	119.4	121.5	123.4	128.7
152.5°	91.8	94.8	97.6	100.3	102.7	104.8	106.5	108.1	110.1	111.9	116.8
155°	82.0	84.6	87.2	89.6	91.8	93.7	95.2	96.9	98.7	100.3	104.8
157.5°	72.1	74.5	76.6	78.7	80.6	82.2	83.7	85.2	86.7	88.1	92.0
160°	61.9	63.9	65.9	67.7	69.3	70.7	72.1	73.5	74.7	75.8	79.2
162.5°	51.5	53.3	55.0	56.5	57.9	59.1	60.3	61.5	62.6	63.6	66.4
165°	41.5	43.0	44.2	45.4	46.4	47.4	48.5	49.6	50.5	51.3	53.6
167.5°	31.7	32.9	33.9	34.9	35.8	36.7	37.6	38.4	39.1	39.8	41.7
170°	22.6	23.3	24.1	24.8	25.5	26.1	26.7	27.3	27.8	28.2	29.8
172.5°	14.8	15.3	15.8	16.4	16.8	17.2	17.6	18.0	18.2	18.5	19.6
175°	7.5	7.7	7.8	8.0	8.2	8.3	8.4	8.5	8.6	8.7	9.4
177.5°	3.9	4.0	4.0	4.1	4.2	4.2	4.3	4.3	4.3	4.4	4.7
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: P231994

CATALOG NUMBER: FVS4WM-4-LD4-40-2LO-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°	5.1	5.4	5.8	6.1	6.4	6.7	7.0	7.3	7.6	7.9	8.1
5°	10.2	10.9	11.6	12.2	12.9	13.5	14.1	14.6	15.2	15.7	16.2
7.5°	20.7	21.7	22.7	23.5	24.4	25.1	26.1	28.1	30.1	32.0	33.8
10°	31.3	32.7	34.0	35.3	36.7	39.6	42.3	44.9	47.4	49.8	52.3
12.5°	43.6	45.3	46.9	49.2	52.9	56.3	59.7	62.8	66.6	71.2	75.6
15°	55.9	57.9	60.2	65.0	69.5	73.9	78.2	83.6	88.9	94.0	99.7
17.5°	69.1	71.6	76.1	81.6	86.9	92.4	98.8	104.9	110.7	117.7	125.2
20°	82.3	85.6	92.0	98.3	104.5	112.5	120.2	127.5	135.8	144.0	152.1
22.5°	95.7	100.7	107.9	114.9	123.3	132.1	140.7	150.5	159.7	168.7	178.7
25°	109.1	115.8	123.8	131.9	141.1	150.2	161.5	173.0	184.1	195.3	206.2
27.5°	121.5	129.4	137.9	147.8	158.4	169.9	183.0	196.0	209.1	221.5	233.4
30°	133.9	142.7	151.4	164.0	177.0	190.0	203.7	218.5	233.1	246.8	259.8
32.5°	146.1	155.7	166.4	180.2	194.3	209.2	224.7	241.2	257.3	272.6	287.0
35°	158.3	168.9	181.4	196.0	211.9	228.9	245.6	263.0	280.0	296.6	312.6
37.5°	169.8	181.1	195.5	211.2	229.1	247.1	265.6	284.0	303.2	320.0	337.4
40°	181.2	193.2	209.3	226.8	246.0	265.1	284.3	304.1	323.8	343.3	361.9
42.5°	191.8	204.4	222.4	241.4	261.5	282.0	302.8	324.3	345.6	366.0	385.4
45°	202.3	216.1	235.1	255.2	276.3	298.6	320.7	343.1	365.8	386.9	407.3
47.5°	211.7	227.0	246.8	268.1	291.2	315.1	337.9	361.5	384.6	407.8	427.8
50°	221.1	237.6	258.1	280.8	306.0	330.9	354.5	378.8	402.3	425.2	447.7
52.5°	230.5	247.8	268.8	292.4	319.1	345.0	370.1	395.1	419.6	443.5	466.9
55°	239.7	257.6	279.2	303.6	330.7	357.5	384.1	410.1	435.5	461.2	485.4
57.5°	247.4	266.1	288.2	313.7	341.8	370.1	397.6	424.3	451.3	478.3	503.2
60°	254.9	274.2	296.8	323.3	353.0	382.7	410.0	436.9	465.5	492.4	517.5
62.5°	260.5	280.9	305.1	332.9	363.1	392.9	421.2	449.0	479.0	504.9	531.1
65°	265.8	287.5	313.3	342.2	371.9	401.6	431.6	461.1	490.5	517.7	544.7
67.5°	270.7	293.0	320.2	349.5	379.7	410.4	441.2	471.5	501.0	530.7	557.1
70°	275.5	298.3	326.7	355.8	387.2	418.9	449.4	480.1	510.5	539.5	567.6
72.5°	279.4	303.0	332.0	361.4	393.4	425.4	456.4	488.3	518.7	548.1	577.0
75°	283.1	307.6	336.8	366.7	398.8	430.4	462.6	495.6	525.5	555.1	584.6
77.5°	285.7	310.6	339.8	370.3	402.7	434.7	467.5	500.7	530.8	561.2	591.6
80°	288.7	313.4	342.4	373.5	406.0	438.5	471.2	504.0	534.5	566.3	595.8
82.5°	290.5	316.5	346.0	376.1	409.4	441.7	474.2	507.8	538.4	570.4	599.0
85°	292.3	318.3	347.8	378.9	413.4	445.3	477.8	512.8	542.0	573.6	601.2
87.5°	292.7	318.3	347.6	380.4	413.9	445.7	478.9	512.2	543.2	574.7	603.0
90°	293.1	318.3	347.2	381.9	414.3	446.1	480.0	511.1	542.8	573.9	603.5
92.5°	292.7	318.3	347.6	380.4	413.9	445.7	478.9	512.2	543.2	574.7	603.0
95°	292.3	318.3	347.8	378.9	413.4	445.3	477.8	512.8	542.0	573.6	601.2
97.5°	290.5	316.5	346.0	376.1	409.4	441.7	474.2	507.8	538.4	570.4	599.0
100°	288.7	313.4	342.4	373.5	406.0	438.5	471.2	504.0	534.5	566.3	595.8
102.5°	285.7	310.6	339.8	370.3	402.7	434.7	467.5	500.7	530.8	561.2	591.6
105°	283.1	307.6	336.8	366.7	398.8	430.4	462.6	495.6	525.5	555.1	584.6
107.5°	279.4	303.0	332.0	361.4	393.4	425.4	456.4	488.3	518.7	548.1	577.0
110°	275.5	298.3	326.7	355.8	387.2	418.9	449.4	480.1	510.5	539.5	567.6



TEST NUMBER: P231994

CATALOG NUMBER: FVS4WM-4-LD4-40-2LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	270.7	293.0	320.2	349.5	379.7	410.4	441.2	471.5	501.0	530.7	557.1
115°	265.8	287.5	313.3	342.2	371.9	401.6	431.6	461.1	490.5	517.7	544.7
117.5°	260.5	280.9	305.1	332.9	363.1	392.9	421.2	449.0	479.0	504.9	531.1
120°	254.9	274.2	296.8	323.3	353.0	382.7	410.0	436.9	465.5	492.4	517.5
122.5°	247.4	266.1	288.2	313.7	341.8	370.1	397.6	424.3	451.3	478.3	503.2
125°	239.7	257.6	279.2	303.6	330.7	357.5	384.1	410.1	435.5	461.2	485.4
127.5°	230.5	247.8	268.8	292.4	319.1	345.0	370.1	395.1	419.6	443.5	466.9
130°	221.1	237.6	258.1	280.8	306.0	330.9	354.5	378.8	402.3	425.2	447.7
132.5°	211.7	227.0	246.8	268.1	291.2	315.1	337.9	361.5	384.6	407.8	427.8
135°	202.3	216.1	235.1	255.2	276.3	298.6	320.7	343.1	365.8	386.9	407.3
137.5°	191.8	204.4	222.4	241.4	261.5	282.0	302.8	324.3	345.6	366.0	385.4
140°	181.2	193.2	209.3	226.8	246.0	265.1	284.3	304.1	323.8	343.3	361.9
142.5°	169.8	181.1	195.5	211.2	229.1	247.1	265.6	284.0	303.2	320.0	337.4
145°	158.3	168.9	181.4	196.0	211.9	228.9	245.6	263.0	280.0	296.6	312.6
147.5°	146.1	155.7	166.4	180.2	194.3	209.2	224.7	241.2	257.3	272.6	287.0
150°	133.9	142.7	151.4	164.0	177.0	190.0	203.7	218.5	233.1	246.8	259.8
152.5°	121.5	129.4	137.9	147.8	158.4	169.9	183.0	196.0	209.1	221.5	233.4
155°	109.1	115.8	123.8	131.9	141.1	150.2	161.5	173.0	184.1	195.3	206.2
157.5°	95.7	100.7	107.9	114.9	123.3	132.1	140.7	150.5	159.7	168.7	178.7
160°	82.3	85.6	92.0	98.3	104.5	112.5	120.2	127.5	135.8	144.0	152.1
162.5°	69.1	71.6	76.1	81.6	86.9	92.4	98.8	104.9	110.7	117.7	125.2
165°	55.9	57.9	60.2	65.0	69.5	73.9	78.2	83.6	88.9	94.0	99.7
167.5°	43.6	45.3	46.9	49.2	52.9	56.3	59.7	62.8	66.6	71.2	75.6
170°	31.3	32.7	34.0	35.3	36.7	39.6	42.3	44.9	47.4	49.8	52.3
172.5°	20.7	21.7	22.7	23.5	24.4	25.1	26.1	28.1	30.1	32.0	33.8
175°	10.2	10.9	11.6	12.2	12.9	13.5	14.1	14.6	15.2	15.7	16.2
177.5°	5.1	5.4	5.8	6.1	6.4	6.7	7.0	7.3	7.6	7.9	8.1
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: P231994

CATALOG NUMBER: FVS4WM-4-LD4-40-2LO-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°	8.3	8.5	8.7	8.9	9.1	9.2	9.3	9.4	9.5	9.6	9.7
5°	17.5	18.9	20.2	21.4	22.6	23.7	24.7	25.6	26.5	27.3	28.0
7.5°	35.5	37.2	38.7	40.1	41.6	43.4	44.7	46.8	48.6	50.2	51.7
10°	55.6	59.0	62.1	65.0	67.7	70.1	72.3	74.4	76.6	78.6	80.5
12.5°	79.9	84.1	88.0	91.7	95.3	98.7	101.9	104.9	107.8	110.9	113.8
15°	104.9	110.4	115.4	119.9	124.0	128.7	133.0	137.3	141.7	145.6	149.2
17.5°	132.5	140.2	145.6	151.7	157.4	162.8	168.2	173.3	178.1	182.3	186.5
20°	160.4	168.4	176.0	183.3	190.5	197.4	203.8	209.6	214.7	219.4	223.7
22.5°	188.3	197.7	207.3	216.3	224.9	231.5	237.9	243.7	249.8	255.9	261.1
25°	217.3	228.4	240.9	248.8	257.1	264.8	273.0	280.7	287.7	293.9	299.3
27.5°	245.1	257.0	268.5	279.2	290.0	300.2	311.0	317.3	324.4	330.9	336.6
30°	272.6	285.6	298.6	311.7	324.0	334.1	343.2	351.9	359.8	366.8	373.8
32.5°	301.0	315.2	330.0	344.0	355.1	365.5	375.8	385.4	394.3	401.6	408.2
35°	328.3	344.5	359.3	371.9	384.3	396.5	407.9	418.8	428.4	436.3	443.3
37.5°	354.8	371.3	385.8	400.0	414.3	427.2	439.3	451.1	461.1	470.7	476.8
40°	380.0	396.8	412.8	428.5	442.9	455.8	468.5	480.9	491.8	501.3	509.4
42.5°	403.8	421.6	438.9	455.4	470.8	484.4	497.9	510.8	523.7	531.5	540.0
45°	426.9	445.4	463.5	481.1	496.8	511.2	525.4	538.7	549.8	559.7	568.5
47.5°	448.4	468.2	487.4	505.3	521.4	537.2	551.7	564.4	576.6	587.1	596.2
50°	469.6	490.2	510.0	528.2	545.7	562.4	576.4	590.0	604.1	613.5	623.3
52.5°	489.7	510.9	531.2	550.7	569.8	585.7	600.5	615.6	627.1	638.0	648.1
55°	508.6	530.4	552.1	571.3	590.5	608.8	623.1	637.1	650.0	660.5	671.3
57.5°	526.1	548.4	570.0	591.2	610.2	627.5	643.4	658.4	671.4	682.5	693.5
60°	542.5	565.7	587.8	608.5	627.9	646.2	663.1	678.0	691.3	702.8	714.1
62.5°	556.9	580.8	603.6	624.7	645.3	663.8	680.6	696.0	709.6	722.4	733.5
65°	570.4	594.8	617.8	639.4	660.1	679.6	696.5	712.5	727.3	740.8	751.9
67.5°	582.8	607.1	630.8	652.9	673.7	693.4	711.4	728.3	743.7	756.3	768.3
70°	593.5	618.6	643.1	665.6	686.9	706.4	724.7	741.7	756.7	770.0	783.9
72.5°	603.2	629.0	653.0	676.3	697.8	718.5	736.4	753.4	768.6	783.2	796.2
75°	611.8	637.2	661.6	685.1	706.3	727.0	746.3	763.4	779.4	794.7	806.9
77.5°	618.9	644.0	668.8	692.1	714.0	734.8	754.1	771.6	787.8	802.7	815.7
80°	624.0	649.1	674.4	698.3	720.5	741.1	760.1	778.5	795.4	809.6	822.6
82.5°	627.9	653.0	679.0	703.4	725.7	745.8	764.5	782.9	799.8	814.5	827.7
85°	630.0	655.7	681.7	705.2	727.1	748.5	767.4	785.3	802.2	817.4	830.6
87.5°	631.0	657.6	683.6	706.7	729.0	750.7	769.7	786.8	804.0	819.2	833.0
90°	630.2	657.6	683.6	706.7	730.5	750.7	770.2	786.8	803.4	818.6	833.7
92.5°	631.0	657.6	683.6	706.7	729.0	750.7	769.7	786.8	804.0	819.2	833.0
95°	630.0	655.7	681.7	705.2	727.1	748.5	767.4	785.3	802.2	817.4	830.6
97.5°	627.9	653.0	679.0	703.4	725.7	745.8	764.5	782.9	799.8	814.5	827.7
100°	624.0	649.1	674.4	698.3	720.5	741.1	760.1	778.5	795.4	809.6	822.6
102.5°	618.9	644.0	668.8	692.1	714.0	734.8	754.1	771.6	787.8	802.7	815.7
105°	611.8	637.2	661.6	685.1	706.3	727.0	746.3	763.4	779.4	794.7	806.9
107.5°	603.2	629.0	653.0	676.3	697.8	718.5	736.4	753.4	768.6	783.2	796.2
110°	593.5	618.6	643.1	665.6	686.9	706.4	724.7	741.7	756.7	770.0	783.9



TEST NUMBER: P231994

CATALOG NUMBER: FVS4WM-4-LD4-40-2LO-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°	582.8	607.1	630.8	652.9	673.7	693.4	711.4	728.3	743.7	756.3	768.3
115°	570.4	594.8	617.8	639.4	660.1	679.6	696.5	712.5	727.3	740.8	751.9
117.5°	556.9	580.8	603.6	624.7	645.3	663.8	680.6	696.0	709.6	722.4	733.5
120°	542.5	565.7	587.8	608.5	627.9	646.2	663.1	678.0	691.3	702.8	714.1
122.5°	526.1	548.4	570.0	591.2	610.2	627.5	643.4	658.4	671.4	682.5	693.5
125°	508.6	530.4	552.1	571.3	590.5	608.8	623.1	637.1	650.0	660.5	671.3
127.5°	489.7	510.9	531.2	550.7	569.8	585.7	600.5	615.6	627.1	638.0	648.1
130°	469.6	490.2	510.0	528.2	545.7	562.4	576.4	590.0	604.1	613.5	623.3
132.5°	448.4	468.2	487.4	505.3	521.4	537.2	551.7	564.4	576.6	587.1	596.2
135°	426.9	445.4	463.5	481.1	496.8	511.2	525.4	538.7	549.8	559.7	568.5
137.5°	403.8	421.6	438.9	455.4	470.8	484.4	497.9	510.8	523.7	531.5	540.0
140°	380.0	396.8	412.8	428.5	442.9	455.8	468.5	480.9	491.8	501.3	509.4
142.5°	354.8	371.3	385.8	400.0	414.3	427.2	439.3	451.1	461.1	470.7	476.8
145°	328.3	344.5	359.3	371.9	384.3	396.5	407.9	418.8	428.4	436.3	443.3
147.5°	301.0	315.2	330.0	344.0	355.1	365.5	375.8	385.4	394.3	401.6	408.2
150°	272.6	285.6	298.6	311.7	324.0	334.1	343.2	351.9	359.8	366.8	373.8
152.5°	245.1	257.0	268.5	279.2	290.0	300.2	311.0	317.3	324.4	330.9	336.6
155°	217.3	228.4	240.9	248.8	257.1	264.8	273.0	280.7	287.7	293.9	299.3
157.5°	188.3	197.7	207.3	216.3	224.9	231.5	237.9	243.7	249.8	255.9	261.1
160°	160.4	168.4	176.0	183.3	190.5	197.4	203.8	209.6	214.7	219.4	223.7
162.5°	132.5	140.2	145.6	151.7	157.4	162.8	168.2	173.3	178.1	182.3	186.5
165°	104.9	110.4	115.4	119.9	124.0	128.7	133.0	137.3	141.7	145.6	149.2
167.5°	79.9	84.1	88.0	91.7	95.3	98.7	101.9	104.9	107.8	110.9	113.8
170°	55.6	59.0	62.1	65.0	67.7	70.1	72.3	74.4	76.6	78.6	80.5
172.5°	35.5	37.2	38.7	40.1	41.6	43.4	44.7	46.8	48.6	50.2	51.7
175°	17.5	18.9	20.2	21.4	22.6	23.7	24.7	25.6	26.5	27.3	28.0
177.5°	8.3	8.5	8.7	8.9	9.1	9.2	9.3	9.4	9.5	9.6	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: P231994

CATALOG NUMBER: FVS4WM-4-LD4-40-2LO-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°	9.7	9.7	9.7	9.7	9.6	9.6	9.8	9.6	9.4	9.3	9.1
5°	28.6	29.1	29.6	30.0	30.3	30.5	30.6	30.6	31.2	30.8	30.4
7.5°	53.1	54.3	55.4	56.4	57.1	57.8	58.2	58.5	58.7	59.4	58.8
10°	82.0	84.4	86.5	88.4	90.1	91.5	92.7	93.7	94.4	96.1	95.6
12.5°	116.4	118.6	120.5	122.2	124.1	125.6	126.8	127.5	127.8	127.8	128.0
15°	152.5	155.3	157.7	159.6	161.0	162.7	164.5	165.9	166.9	167.5	168.7
17.5°	190.3	193.5	196.3	198.6	200.5	201.9	203.4	205.2	206.4	207.0	208.2
20°	227.5	231.2	234.5	237.2	239.4	240.9	241.8	243.1	244.4	245.2	246.6
22.5°	265.5	269.1	272.1	275.5	278.2	280.1	281.3	281.9	283.2	284.0	285.5
25°	304.2	308.4	311.9	314.7	317.4	319.4	320.5	320.8	321.3	322.9	323.8
27.5°	341.5	346.1	350.2	353.3	354.9	357.0	358.0	358.3	357.8	358.9	359.4
30°	377.9	382.0	386.0	389.1	391.5	393.1	394.7	395.4	395.4	395.6	396.0
32.5°	413.6	418.0	421.2	425.1	427.9	429.8	431.1	431.8	431.6	430.7	431.7
35°	449.3	454.0	458.0	461.4	464.5	466.1	466.9	467.1	466.2	464.1	464.9
37.5°	483.1	488.5	493.2	496.5	498.6	500.4	500.7	500.1	499.4	498.0	498.1
40°	516.3	522.8	527.6	530.4	532.4	533.3	533.3	532.4	531.7	529.9	529.1
42.5°	547.5	553.8	558.9	561.7	563.6	565.0	565.4	564.9	563.9	562.6	561.1
45°	576.6	583.9	588.6	591.7	594.5	597.2	596.1	595.4	593.6	592.1	589.5
47.5°	605.1	613.1	618.2	621.9	624.1	625.3	625.5	625.0	623.5	621.8	619.1
50°	634.7	643.2	646.2	650.0	652.4	653.8	654.5	653.3	651.0	649.0	648.5
52.5°	658.6	665.9	671.4	676.5	679.9	681.0	681.1	679.4	677.6	675.8	676.2
55°	681.4	688.5	695.1	700.9	705.0	706.8	707.1	705.4	703.2	700.8	699.8
57.5°	702.8	710.0	716.6	723.8	729.3	731.2	731.5	730.0	727.8	724.9	723.0
60°	723.6	731.4	738.3	745.4	751.1	753.7	754.8	752.5	750.4	747.4	745.1
62.5°	743.2	751.2	758.4	766.0	770.1	773.6	775.3	774.0	771.2	767.9	765.4
65°	761.9	769.8	776.9	782.5	787.5	791.8	794.1	793.0	791.3	787.3	784.2
67.5°	779.3	787.2	793.7	799.4	804.7	807.8	810.8	811.6	809.6	805.4	802.3
70°	793.9	802.5	809.5	815.1	819.2	822.3	825.0	826.9	824.8	821.2	817.8
72.5°	806.8	816.4	823.3	829.0	832.5	834.7	837.4	839.2	839.0	835.9	831.1
75°	818.1	827.7	835.0	841.3	844.8	846.1	846.9	848.5	850.0	848.6	843.9
77.5°	827.1	836.7	844.7	850.9	855.0	856.9	856.8	856.3	857.3	858.1	854.7
80°	834.4	843.9	852.1	859.0	862.9	865.9	866.5	864.4	861.9	864.1	863.6
82.5°	839.3	849.4	857.3	863.5	868.2	871.0	872.4	871.9	868.9	865.0	868.2
85°	842.8	852.3	860.6	866.7	871.1	873.8	874.7	874.6	873.5	870.6	866.4
87.5°	844.6	853.5	861.6	867.6	872.1	873.8	875.4	875.1	873.5	871.0	869.1
90°	843.8	853.2	860.4	866.9	871.3	872.7	873.4	872.7	870.5	867.7	863.3
92.5°	844.6	853.5	861.6	867.6	872.1	873.8	875.4	875.1	873.5	871.0	869.1
95°	842.8	852.3	860.6	866.7	871.1	873.8	874.7	874.6	873.5	870.6	866.4
97.5°	839.3	849.4	857.3	863.5	868.2	871.0	872.4	871.9	868.9	865.0	868.2
100°	834.4	843.9	852.1	859.0	862.9	865.9	866.5	864.4	861.9	864.1	863.6
102.5°	827.1	836.7	844.7	850.9	855.0	856.9	856.8	856.3	857.3	858.1	854.7
105°	818.1	827.7	835.0	841.3	844.8	846.1	846.9	848.5	850.0	848.6	843.9
107.5°	806.8	816.4	823.3	829.0	832.5	834.7	837.4	839.2	839.0	835.9	831.1
110°	793.9	802.5	809.5	815.1	819.2	822.3	825.0	826.9	824.8	821.2	817.8



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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°	779.3	787.2	793.7	799.4	804.7	807.8	810.8	811.6	809.6	805.4	802.3
115°	761.9	769.8	776.9	782.5	787.5	791.8	794.1	793.0	791.3	787.3	784.2
117.5°	743.2	751.2	758.4	766.0	770.1	773.6	775.3	774.0	771.2	767.9	765.4
120°	723.6	731.4	738.3	745.4	751.1	753.7	754.8	752.5	750.4	747.4	745.1
122.5°	702.8	710.0	716.6	723.8	729.3	731.2	731.5	730.0	727.8	724.9	723.0
125°	681.4	688.5	695.1	700.9	705.0	706.8	707.1	705.4	703.2	700.8	699.8
127.5°	658.6	665.9	671.4	676.5	679.9	681.0	681.1	679.4	677.6	675.8	676.2
130°	634.7	643.2	646.2	650.0	652.4	653.8	654.5	653.3	651.0	649.0	648.5
132.5°	605.1	613.1	618.2	621.9	624.1	625.3	625.5	625.0	623.5	621.8	619.1
135°	576.6	583.9	588.6	591.7	594.5	597.2	596.1	595.4	593.6	592.1	589.5
137.5°	547.5	553.8	558.9	561.7	563.6	565.0	565.4	564.9	563.9	562.6	561.1
140°	516.3	522.8	527.6	530.4	532.4	533.3	533.3	532.4	531.7	529.9	529.1
142.5°	483.1	488.5	493.2	496.5	498.6	500.4	500.7	500.1	499.4	498.0	498.1
145°	449.3	454.0	458.0	461.4	464.5	466.1	466.9	467.1	466.2	464.1	464.9
147.5°	413.6	418.0	421.2	425.1	427.9	429.8	431.1	431.8	431.6	430.7	431.7
150°	377.9	382.0	386.0	389.1	391.5	393.1	394.7	395.4	395.4	395.6	396.0
152.5°	341.5	346.1	350.2	353.3	354.9	357.0	358.0	358.3	357.8	358.9	359.4
155°	304.2	308.4	311.9	314.7	317.4	319.4	320.5	320.8	321.3	322.9	323.8
157.5°	265.5	269.1	272.1	275.5	278.2	280.1	281.3	281.9	283.2	284.0	285.5
160°	227.5	231.2	234.5	237.2	239.4	240.9	241.8	243.1	244.4	245.2	246.6
162.5°	190.3	193.5	196.3	198.6	200.5	201.9	203.4	205.2	206.4	207.0	208.2
165°	152.5	155.3	157.7	159.6	161.0	162.7	164.5	165.9	166.9	167.5	168.7
167.5°	116.4	118.6	120.5	122.2	124.1	125.6	126.8	127.5	127.8	127.8	128.0
170°	82.0	84.4	86.5	88.4	90.1	91.5	92.7	93.7	94.4	96.1	95.6
172.5°	53.1	54.3	55.4	56.4	57.1	57.8	58.2	58.5	58.7	59.4	58.8
175°	28.6	29.1	29.6	30.0	30.3	30.5	30.6	30.6	31.2	30.8	30.4
177.5°	9.7	9.7	9.7	9.7	9.6	9.6	9.8	9.6	9.4	9.3	9.1
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°	8.9	8.7
5°	30.0	29.6
7.5°	58.3	57.7
10°	95.1	94.6
12.5°	126.8	125.6
15°	167.7	166.7
17.5°	207.0	205.7
20°	245.3	244.0
22.5°	283.9	282.2
25°	324.4	323.4
27.5°	359.5	358.0
30°	396.0	394.1
32.5°	432.3	430.9
35°	465.9	464.9
37.5°	499.2	498.1
40°	531.3	531.3
42.5°	563.4	563.0
45°	593.0	594.1
47.5°	621.1	621.5
50°	649.8	648.9
52.5°	676.8	674.9
55°	700.4	700.9
57.5°	723.8	725.5
60°	745.8	746.4
62.5°	766.5	768.8
65°	786.5	785.4
67.5°	803.2	804.1
70°	818.6	820.0
72.5°	832.0	833.0
75°	843.8	846.0
77.5°	853.2	856.8
80°	861.1	865.5
82.5°	868.3	872.0
85°	873.4	877.0
87.5°	867.4	879.9
90°	862.6	871.3
92.5°	867.4	879.9
95°	873.4	877.0
97.5°	868.3	872.0
100°	861.1	865.5
102.5°	853.2	856.8
105°	843.8	846.0
107.5°	832.0	833.0
110°	818.6	820.0



TEST NUMBER: P231994

CATALOG NUMBER: FVS4WM-4-LD4-40-2LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	803.2	804.1
115°	786.5	785.4
117.5°	766.5	768.8
120°	745.8	746.4
122.5°	723.8	725.5
125°	700.4	700.9
127.5°	676.8	674.9
130°	649.8	648.9
132.5°	621.1	621.5
135°	593.0	594.1
137.5°	563.4	563.0
140°	531.3	531.3
142.5°	499.2	498.1
145°	465.9	464.9
147.5°	432.3	430.9
150°	396.0	394.1
152.5°	359.5	358.0
155°	324.4	323.4
157.5°	283.9	282.2
160°	245.3	244.0
162.5°	207.0	205.7
165°	167.7	166.7
167.5°	126.8	125.6
170°	95.1	94.6
172.5°	58.3	57.7
175°	30.0	29.6
177.5°	8.9	8.7
180°	0.0	0.0

(END OF REPORT)