

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: P232068

Luminaire Tested: **FVS4WM-3-LD4-30-2STD-PFS125-UNV-EDC1**

Issue Date: 3/3/2020



**Test Information**

Test Method: LM-79-08  
Report Number: P232068  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1706-121-29)  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: FAIL-SAFE  
Catalog Number: FVS4WM-3-LD4-30-2STD-PFS125-UNV-EDC1  
Description: FAILSAFE FVS LED FIXTURE  
3FT LENGTH, 2-MODULE LED WITH PFS125 LENS  
Light Source: (168) 3000K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

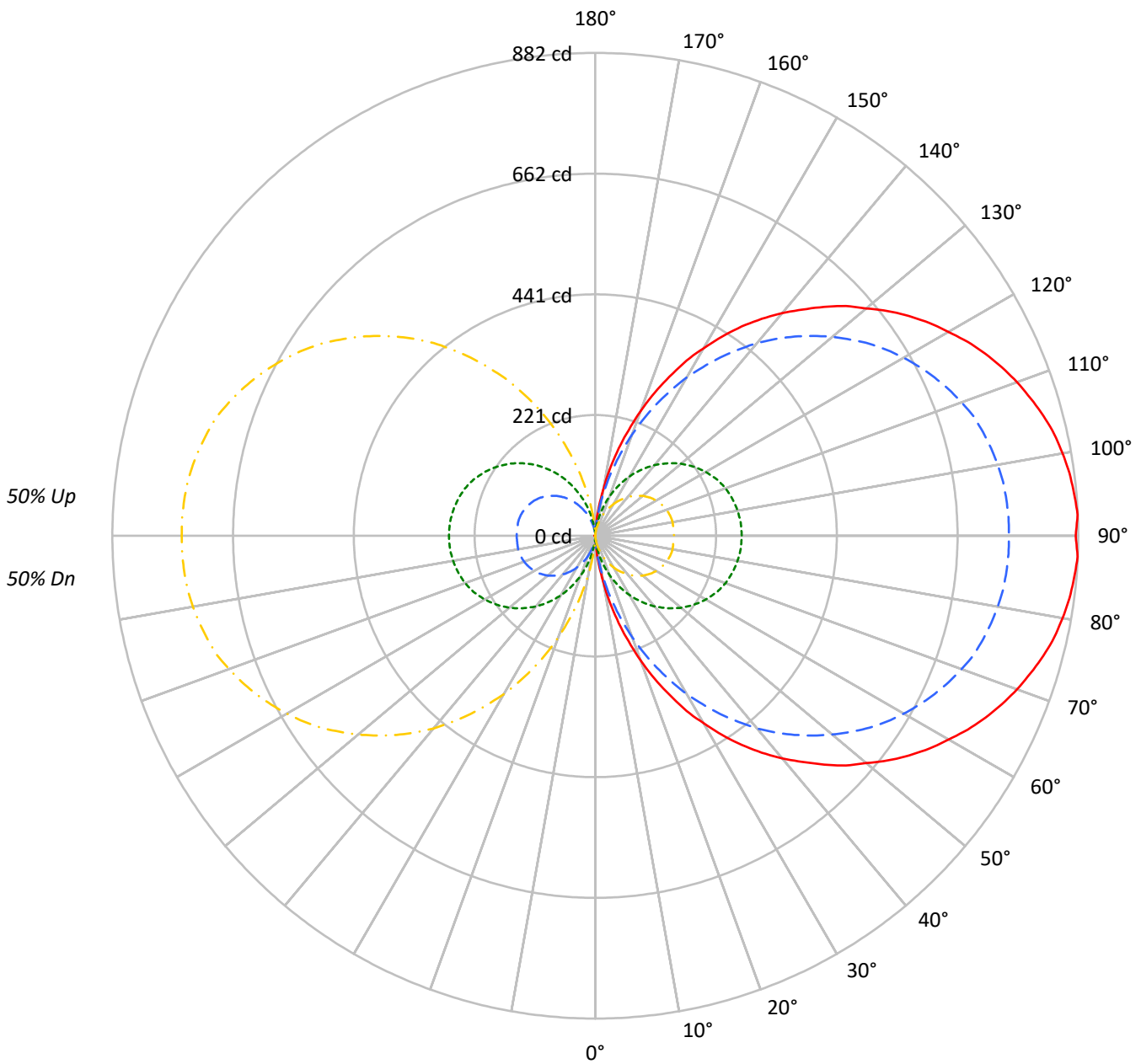
Lumens per Lamp: N/A  
Luminaire Lumens: 3949.7 lumens  
Efficiency: N/A  
Efficacy: 61.7 lumens/watt  
Spacing Criteria (0/90/45): 19.69 / 16.64 / 17.86  
Luminous Opening: Rectangular w/ Sides (W: 2.92' x L: 0.19' x H: 0.31')  
CIE Type: General Diffuse

Input Watts (W): 64  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT

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### Luminous Intensity Polar Plot



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



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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

RF	20				20				20				20				20	
RC	80				70				50				30				10	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	107	107	107	107	99	99	99	99	83	83	83	69	69	69	56	56	56	50
1	92	85	79	74	84	78	73	68	64	60	56	52	49	46	40	38	36	30
2	81	71	63	55	74	65	57	51	53	47	42	42	38	34	32	29	26	21
3	73	61	51	44	66	55	47	40	45	38	33	35	30	26	27	23	19	15
4	66	52	43	35	59	48	39	32	39	32	26	31	25	21	23	19	15	11
5	60	46	36	29	54	42	33	26	34	27	22	27	21	17	20	16	12	9
6	55	41	31	24	49	37	28	22	30	23	18	24	18	14	18	13	10	7
7	50	36	27	21	45	33	25	19	27	20	15	21	16	12	16	12	8	6
8	46	32	24	18	42	30	22	16	24	18	13	19	14	10	14	10	7	5
9	43	29	21	15	39	27	19	14	22	16	11	17	12	9	13	9	6	4
10	40	27	19	13	36	24	17	12	20	14	10	16	11	8	12	8	5	3

**AVERAGE LUMINANCE (cd/sqm):**

	0°	90°	180°	270°
0°	18	18	18	18
5°	533	190	16	190
10°	1404	571	14	571
15°	2324	1032	13	1032
20°	3163	1548	12	1548
25°	3914	2099	11	2099
30°	4579	2682	10	2682
35°	5176	3295	10	3295
40°	5690	3972	10	3972
45°	6171	4704	9	4704
50°	6623	5558	9	5558
55°	7103	6539	9	6539
60°	7542	7733	9	7733
65°	8005	9256	9	9256
70°	8455	11257	9	11257
75°	8922	14092	9	14092
80°	9397	18599	0	18599
85°	9888	27053	0	27053



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	2.2	0.1
10°-20°	22.1	0.6
20°-30°	69.0	1.7
30°-40°	137.2	3.5
40°-50°	216.8	5.5
50°-60°	297.1	7.5
60°-70°	367.6	9.3
70°-80°	418.9	10.6
80°-90°	444.1	11.2
90°-100°	444.1	11.2
100°-110°	418.9	10.6
110°-120°	367.6	9.3
120°-130°	297.1	7.5
130°-140°	216.8	5.5
140°-150°	137.2	3.5
150°-160°	69.0	1.7
160°-170°	22.1	0.6
170°-180°	2.2	0.1
0°-30°	93.3	2.4
0°-40°	230.4	5.8
0°-60°	744.3	18.8
0°-90°	1974.9	50.0
90°-120°	1230.6	31.2
90°-150°	1881.6	47.6
90°-180°	1975.0	50.0
0°-180°	3949.7	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	1	1	1	1	1	
5°	31	10	1	10	31	5
15°	165	52	1	52	165	49
25°	320	102	1	102	320	151
35°	467	147	1	147	467	294
45°	591	187	1	187	591	458
55°	700	220	1	220	700	627
65°	786	244	1	244	786	779
75°	847	259	1	259	847	895
85°	878	266	0	266	878	715
90°	877	267	0	267	877	482
95°	878	266	0	266	878	715
105°	847	259	1	259	847	895
115°	786	244	1	244	786	779
125°	700	220	1	220	700	627
135°	591	187	1	187	591	458
145°	467	147	1	147	467	294
155°	320	102	1	102	320	151
165°	165	52	1	52	165	49
175°	31	10	1	10	31	5
180°	0	0	0	0	0	



TEST NUMBER: P232068

CATALOG NUMBER: FVS4WM-3-LD4-30-2STD-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (FULL):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
2.5°	10.6	10.8	11.0	11.2	11.4	11.6	11.7	11.5	11.5	11.5	11.6
5°	30.9	31.2	31.6	31.9	32.3	31.7	31.6	31.4	31.2	30.9	30.5
7.5°	56.5	57.2	57.9	58.6	58.1	58.1	57.9	57.6	57.1	56.4	55.5
10°	90.9	91.7	92.4	93.2	91.9	91.5	90.9	90.0	88.9	87.6	86.0
12.5°	127.1	128.3	129.4	129.0	128.9	128.4	127.5	126.3	124.7	122.7	120.9
15°	165.0	166.2	167.4	166.6	166.2	165.5	164.3	162.8	161.3	160.0	158.3
17.5°	202.1	203.9	205.7	205.1	205.0	204.3	203.0	201.8	200.6	198.9	196.7
20°	242.6	244.7	246.8	246.0	245.8	244.9	243.7	242.3	240.4	238.2	235.6
22.5°	283.2	284.7	286.1	284.5	283.7	282.6	282.5	281.5	279.4	276.3	272.2
25°	320.3	322.4	322.9	322.9	322.2	322.0	321.7	320.8	319.3	317.1	314.1
27.5°	360.9	362.5	362.3	361.8	360.7	360.8	360.1	358.7	356.3	354.5	351.4
30°	395.3	397.6	398.1	398.1	398.1	398.3	397.5	395.8	394.2	391.8	388.5
32.5°	431.5	434.0	434.5	434.5	434.6	434.2	433.1	432.1	431.0	428.6	424.7
35°	466.8	468.3	467.9	467.5	468.7	468.7	467.6	466.9	465.3	462.9	459.7
37.5°	499.4	501.1	500.6	500.9	502.4	502.8	502.8	502.2	500.4	497.8	494.1
40°	531.2	533.4	533.3	534.1	535.0	535.4	536.2	535.7	534.1	531.7	528.3
42.5°	560.3	562.7	562.8	564.8	566.1	567.2	568.2	568.2	566.2	563.5	560.2
45°	591.2	593.4	593.0	594.7	595.5	597.3	598.2	599.6	596.9	593.9	590.1
47.5°	621.2	622.1	621.2	623.2	624.5	626.2	626.6	626.8	626.0	623.7	619.5
50°	645.9	648.5	649.0	650.3	652.8	655.3	656.7	656.4	654.9	652.6	648.3
52.5°	674.1	675.9	676.1	677.4	680.0	682.4	683.8	683.4	682.4	680.1	676.3
55°	699.7	701.0	701.1	702.6	705.4	707.8	709.2	708.5	706.5	704.0	700.1
57.5°	723.5	724.2	724.3	726.4	729.6	732.7	734.0	733.5	732.1	727.6	722.3
60°	744.7	746.3	746.4	749.6	753.2	756.4	757.3	756.9	754.9	750.8	745.0
62.5°	766.8	765.9	767.4	770.9	774.9	778.0	778.7	777.5	776.2	772.2	766.0
65°	786.2	786.3	787.0	790.3	794.9	797.5	798.3	797.9	795.6	790.5	784.8
67.5°	803.8	803.3	804.4	808.6	813.2	815.6	816.3	815.5	812.5	807.5	801.5
70°	819.7	818.3	820.0	825.6	830.2	832.0	832.7	831.8	828.0	823.0	816.6
72.5°	833.8	832.8	834.6	840.1	844.6	846.3	846.5	844.7	841.1	836.2	830.9
75°	847.1	844.5	847.4	853.2	856.6	858.2	857.3	855.7	852.9	847.9	841.7
77.5°	858.5	854.5	858.5	864.4	866.7	867.4	866.5	864.8	861.7	857.1	850.6
80°	866.5	863.5	868.1	872.6	873.7	874.4	874.0	872.5	869.8	865.3	858.4
82.5°	873.5	870.9	875.8	876.9	878.6	879.4	879.3	877.7	875.1	870.5	863.8
85°	877.9	877.7	878.1	880.0	881.5	882.6	882.3	880.7	877.8	873.2	867.2
87.5°	881.5	878.8	877.9	879.8	881.5	882.6	882.2	881.0	878.0	873.5	868.0
90°	877.1	869.1	871.8	875.3	878.8	880.6	880.6	879.7	877.1	873.5	867.4
92.5°	881.5	878.8	877.9	879.8	881.5	882.6	882.2	881.0	878.0	873.5	868.0
95°	877.9	877.7	878.1	880.0	881.5	882.6	882.3	880.7	877.8	873.2	867.2
97.5°	873.5	870.9	875.8	876.9	878.6	879.4	879.3	877.7	875.1	870.5	863.8
100°	866.5	863.5	868.1	872.6	873.7	874.4	874.0	872.5	869.8	865.3	858.4
102.5°	858.5	854.5	858.5	864.4	866.7	867.4	866.5	864.8	861.7	857.1	850.6
105°	847.1	844.5	847.4	853.2	856.6	858.2	857.3	855.7	852.9	847.9	841.7
107.5°	833.8	832.8	834.6	840.1	844.6	846.3	846.5	844.7	841.1	836.2	830.9
110°	819.7	818.3	820.0	825.6	830.2	832.0	832.7	831.8	828.0	823.0	816.6



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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°	803.8	803.3	804.4	808.6	813.2	815.6	816.3	815.5	812.5	807.5	801.5
115°	786.2	786.3	787.0	790.3	794.9	797.5	798.3	797.9	795.6	790.5	784.8
117.5°	766.8	765.9	767.4	770.9	774.9	778.0	778.7	777.5	776.2	772.2	766.0
120°	744.7	746.3	746.4	749.6	753.2	756.4	757.3	756.9	754.9	750.8	745.0
122.5°	723.5	724.2	724.3	726.4	729.6	732.7	734.0	733.5	732.1	727.6	722.3
125°	699.7	701.0	701.1	702.6	705.4	707.8	709.2	708.5	706.5	704.0	700.1
127.5°	674.1	675.9	676.1	677.4	680.0	682.4	683.8	683.4	682.4	680.1	676.3
130°	645.9	648.5	649.0	650.3	652.8	655.3	656.7	656.4	654.9	652.6	648.3
132.5°	621.2	622.1	621.2	623.2	624.5	626.2	626.6	626.8	626.0	623.7	619.5
135°	591.2	593.4	593.0	594.7	595.5	597.3	598.2	599.6	596.9	593.9	590.1
137.5°	560.3	562.7	562.8	564.8	566.1	567.2	568.2	568.2	566.2	563.5	560.2
140°	531.2	533.4	533.3	534.1	535.0	535.4	536.2	535.7	534.1	531.7	528.3
142.5°	499.4	501.1	500.6	500.9	502.4	502.8	502.8	502.2	500.4	497.8	494.1
145°	466.8	468.3	467.9	467.5	468.7	468.7	467.6	466.9	465.3	462.9	459.7
147.5°	431.5	434.0	434.5	434.5	434.6	434.2	433.1	432.1	431.0	428.6	424.7
150°	395.3	397.6	398.1	398.1	398.1	398.3	397.5	395.8	394.2	391.8	388.5
152.5°	360.9	362.5	362.3	361.8	360.7	360.8	360.1	358.7	356.3	354.5	351.4
155°	320.3	322.4	322.9	322.9	322.2	322.0	321.7	320.8	319.3	317.1	314.1
157.5°	283.2	284.7	286.1	284.5	283.7	282.6	282.5	281.5	279.4	276.3	272.2
160°	242.6	244.7	246.8	246.0	245.8	244.9	243.7	242.3	240.4	238.2	235.6
162.5°	202.1	203.9	205.7	205.1	205.0	204.3	203.0	201.8	200.6	198.9	196.7
165°	165.0	166.2	167.4	166.6	166.2	165.5	164.3	162.8	161.3	160.0	158.3
167.5°	127.1	128.3	129.4	129.0	128.9	128.4	127.5	126.3	124.7	122.7	120.9
170°	90.9	91.7	92.4	93.2	91.9	91.5	90.9	90.0	88.9	87.6	86.0
172.5°	56.5	57.2	57.9	58.6	58.1	58.1	57.9	57.6	57.1	56.4	55.5
175°	30.9	31.2	31.6	31.9	32.3	31.7	31.6	31.4	31.2	30.9	30.5
177.5°	10.6	10.8	11.0	11.2	11.4	11.6	11.7	11.5	11.5	11.5	11.6
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
2.5°	11.5	11.5	11.4	11.4	11.3	11.2	11.0	10.9	10.7	10.5	10.3
5°	30.1	29.5	28.9	28.3	27.5	26.7	25.9	25.0	24.0	22.9	21.8
7.5°	54.5	53.3	52.0	50.4	48.7	46.9	44.7	43.4	41.7	40.4	39.2
10°	84.2	82.1	80.7	78.8	76.8	74.4	72.1	70.0	67.6	65.1	62.5
12.5°	119.0	116.8	114.3	111.5	108.6	105.7	102.5	98.9	95.1	90.9	86.5
15°	156.0	153.2	150.0	146.4	142.6	138.6	134.4	129.9	125.1	120.4	115.7
17.5°	193.9	190.6	186.9	182.8	178.4	173.5	168.1	162.6	156.9	150.7	144.1
20°	232.7	229.2	225.1	220.6	215.5	210.1	203.9	197.2	189.8	182.5	175.0
22.5°	269.2	266.3	262.4	257.5	251.7	245.3	238.9	232.1	225.1	216.4	207.3
25°	309.7	305.1	300.4	295.6	289.2	281.8	274.0	265.7	257.6	249.1	241.3
27.5°	347.2	342.1	336.5	330.6	324.3	317.2	310.6	299.9	290.4	280.5	270.0
30°	384.2	379.3	374.4	366.7	359.3	351.2	342.6	333.6	324.0	313.0	301.4
32.5°	420.6	415.5	409.3	401.7	394.0	385.2	375.5	365.1	355.0	344.0	331.1
35°	455.3	449.8	443.5	436.5	428.2	418.6	408.3	397.2	386.1	373.9	360.0
37.5°	489.3	483.6	477.1	471.2	461.1	451.6	440.7	428.2	415.8	403.8	389.1
40°	523.8	517.3	509.8	501.7	492.9	482.9	472.2	459.6	444.7	430.4	415.9
42.5°	555.4	549.8	542.4	533.0	524.4	512.5	500.5	487.4	473.0	457.3	441.6
45°	585.3	579.1	571.4	562.6	552.6	541.1	528.2	514.4	499.5	484.1	466.9
47.5°	614.2	608.2	600.0	590.9	581.0	569.3	555.1	540.2	524.8	509.4	491.6
50°	641.5	634.8	627.2	617.7	608.0	594.3	580.0	565.0	548.8	532.2	514.2
52.5°	670.4	661.0	652.9	642.4	630.9	619.3	603.8	588.2	572.1	554.4	535.4
55°	693.8	684.6	676.1	666.0	654.1	641.3	627.4	611.4	593.1	574.4	555.9
57.5°	716.6	708.8	698.9	687.8	675.7	662.9	648.0	631.6	614.1	594.7	573.9
60°	737.7	729.9	720.5	708.9	695.9	682.3	667.0	650.3	632.4	612.9	592.2
62.5°	758.3	749.1	739.5	727.6	714.6	700.8	684.7	667.7	649.6	629.8	608.4
65°	776.7	767.5	757.3	744.8	731.7	717.4	701.2	683.8	665.1	644.7	623.1
67.5°	794.0	784.8	773.2	760.7	747.3	732.3	716.3	698.6	679.4	658.5	636.2
70°	808.6	798.6	787.8	774.7	760.9	745.5	729.4	712.0	692.5	671.4	647.9
72.5°	822.2	811.9	801.0	787.9	773.7	758.1	742.0	724.5	703.3	682.1	658.5
75°	833.5	823.5	811.8	799.0	785.2	768.7	751.0	732.7	712.0	690.7	667.4
77.5°	842.9	833.1	821.3	807.7	792.5	777.0	759.1	740.1	720.0	697.8	674.1
80°	850.6	840.4	828.5	814.8	799.5	783.1	765.4	746.2	726.0	703.4	679.5
82.5°	855.5	845.9	833.8	819.7	804.5	788.0	769.6	751.1	730.7	707.3	683.9
85°	858.6	848.7	836.4	823.0	807.0	790.9	772.5	753.5	732.6	710.1	686.9
87.5°	859.9	850.6	838.1	824.9	808.4	792.8	774.9	755.3	734.7	712.4	689.4
90°	859.4	850.6	837.4	824.1	809.1	794.1	775.6	755.3	735.9	712.9	690.0
92.5°	859.9	850.6	838.1	824.9	808.4	792.8	774.9	755.3	734.7	712.4	689.4
95°	858.6	848.7	836.4	823.0	807.0	790.9	772.5	753.5	732.6	710.1	686.9
97.5°	855.5	845.9	833.8	819.7	804.5	788.0	769.6	751.1	730.7	707.3	683.9
100°	850.6	840.4	828.5	814.8	799.5	783.1	765.4	746.2	726.0	703.4	679.5
102.5°	842.9	833.1	821.3	807.7	792.5	777.0	759.1	740.1	720.0	697.8	674.1
105°	833.5	823.5	811.8	799.0	785.2	768.7	751.0	732.7	712.0	690.7	667.4
107.5°	822.2	811.9	801.0	787.9	773.7	758.1	742.0	724.5	703.3	682.1	658.5
110°	808.6	798.6	787.8	774.7	760.9	745.5	729.4	712.0	692.5	671.4	647.9





TEST NUMBER: P232068

CATALOG NUMBER: FVS4WM-3-LD4-30-2STD-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
112.5°	794.0	784.8	773.2	760.7	747.3	732.3	716.3	698.6	679.4	658.5	636.2
115°	776.7	767.5	757.3	744.8	731.7	717.4	701.2	683.8	665.1	644.7	623.1
117.5°	758.3	749.1	739.5	727.6	714.6	700.8	684.7	667.7	649.6	629.8	608.4
120°	737.7	729.9	720.5	708.9	695.9	682.3	667.0	650.3	632.4	612.9	592.2
122.5°	716.6	708.8	698.9	687.8	675.7	662.9	648.0	631.6	614.1	594.7	573.9
125°	693.8	684.6	676.1	666.0	654.1	641.3	627.4	611.4	593.1	574.4	555.9
127.5°	670.4	661.0	652.9	642.4	630.9	619.3	603.8	588.2	572.1	554.4	535.4
130°	641.5	634.8	627.2	617.7	608.0	594.3	580.0	565.0	548.8	532.2	514.2
132.5°	614.2	608.2	600.0	590.9	581.0	569.3	555.1	540.2	524.8	509.4	491.6
135°	585.3	579.1	571.4	562.6	552.6	541.1	528.2	514.4	499.5	484.1	466.9
137.5°	555.4	549.8	542.4	533.0	524.4	512.5	500.5	487.4	473.0	457.3	441.6
140°	523.8	517.3	509.8	501.7	492.9	482.9	472.2	459.6	444.7	430.4	415.9
142.5°	489.3	483.6	477.1	471.2	461.1	451.6	440.7	428.2	415.8	403.8	389.1
145°	455.3	449.8	443.5	436.5	428.2	418.6	408.3	397.2	386.1	373.9	360.0
147.5°	420.6	415.5	409.3	401.7	394.0	385.2	375.5	365.1	355.0	344.0	331.1
150°	384.2	379.3	374.4	366.7	359.3	351.2	342.6	333.6	324.0	313.0	301.4
152.5°	347.2	342.1	336.5	330.6	324.3	317.2	310.6	299.9	290.4	280.5	270.0
155°	309.7	305.1	300.4	295.6	289.2	281.8	274.0	265.7	257.6	249.1	241.3
157.5°	269.2	266.3	262.4	257.5	251.7	245.3	238.9	232.1	225.1	216.4	207.3
160°	232.7	229.2	225.1	220.6	215.5	210.1	203.9	197.2	189.8	182.5	175.0
162.5°	193.9	190.6	186.9	182.8	178.4	173.5	168.1	162.6	156.9	150.7	144.1
165°	156.0	153.2	150.0	146.4	142.6	138.6	134.4	129.9	125.1	120.4	115.7
167.5°	119.0	116.8	114.3	111.5	108.6	105.7	102.5	98.9	95.1	90.9	86.5
170°	84.2	82.1	80.7	78.8	76.8	74.4	72.1	70.0	67.6	65.1	62.5
172.5°	54.5	53.3	52.0	50.4	48.7	46.9	44.7	43.4	41.7	40.4	39.2
175°	30.1	29.5	28.9	28.3	27.5	26.7	25.9	25.0	24.0	22.9	21.8
177.5°	11.5	11.5	11.4	11.4	11.3	11.2	11.0	10.9	10.7	10.5	10.3
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: P232068

CATALOG NUMBER: FVS4WM-3-LD4-30-2STD-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
2.5°	10.1	9.8	9.6	9.3	9.0	8.7	8.4	8.0	7.7	7.3	6.9
5°	20.7	19.5	18.2	17.7	17.1	16.4	15.8	15.1	14.4	13.7	12.9
7.5°	37.9	36.4	34.9	33.2	31.4	29.5	27.5	26.4	25.6	24.7	23.8
10°	59.6	56.7	53.7	51.3	48.8	46.1	43.3	40.4	37.3	35.8	34.6
12.5°	83.2	79.8	76.1	72.1	67.8	64.0	60.7	57.3	53.7	50.0	47.7
15°	110.8	105.7	101.3	95.5	90.1	84.4	78.3	74.0	70.0	65.7	61.4
17.5°	138.1	131.6	125.9	119.8	113.4	106.6	99.5	92.3	87.0	82.2	77.1
20°	167.4	159.3	151.2	144.1	136.5	128.5	120.7	112.7	104.5	98.7	93.0
22.5°	197.8	188.5	179.1	169.3	160.2	151.1	141.7	132.7	123.3	114.4	107.8
25°	229.1	218.3	207.4	196.2	184.5	173.8	163.6	153.0	142.2	131.1	122.6
27.5°	258.5	246.8	235.4	223.7	210.3	196.5	184.6	172.6	160.7	149.0	138.3
30°	288.4	274.5	261.1	248.4	234.8	220.1	205.3	191.9	178.8	166.2	154.3
32.5°	317.4	302.7	287.2	272.4	258.1	242.7	226.7	211.1	196.0	182.1	168.9
35°	345.3	330.0	313.7	297.0	280.7	264.0	247.1	230.9	213.8	197.8	183.5
37.5°	372.9	356.4	339.1	321.6	305.4	285.5	266.8	248.6	230.8	213.4	198.1
40°	399.7	382.5	363.8	344.7	326.0	306.6	286.7	266.7	247.0	229.1	212.5
42.5°	424.9	406.7	387.5	367.3	347.2	327.5	305.9	284.2	262.5	243.3	225.2
45°	449.0	430.5	410.0	388.9	367.5	346.6	324.1	300.3	278.1	257.1	237.4
47.5°	472.2	452.4	431.4	410.7	387.3	365.2	342.0	316.7	293.1	270.4	249.0
50°	494.4	473.8	451.9	428.8	405.4	381.5	357.6	332.9	308.0	283.3	260.6
52.5°	515.3	493.8	470.8	447.1	423.1	397.7	372.6	347.4	321.5	295.3	271.4
55°	534.9	512.9	489.3	464.3	438.9	413.3	387.7	361.3	333.7	307.1	281.8
57.5°	552.4	529.3	508.0	481.2	454.3	427.8	401.5	374.3	344.7	317.6	291.5
60°	570.9	544.7	522.0	496.7	469.6	441.7	413.7	385.9	355.1	327.3	300.8
62.5°	586.1	561.1	536.0	510.5	484.1	455.0	425.3	396.4	365.8	336.6	309.5
65°	600.1	575.1	549.1	523.0	495.3	465.3	436.0	406.2	376.0	345.9	317.7
67.5°	613.2	586.7	560.5	535.0	505.6	475.4	445.6	415.1	384.4	353.9	324.4
70°	625.0	598.0	572.0	544.1	515.0	485.2	454.5	423.0	391.9	361.3	331.0
72.5°	633.8	608.3	582.8	553.4	523.3	493.5	462.0	430.2	398.5	366.7	335.7
75°	642.0	616.2	589.7	560.7	531.1	500.7	468.1	436.6	404.8	371.4	339.9
77.5°	649.2	622.8	596.0	566.5	537.1	506.6	473.5	441.3	409.0	375.9	343.8
80°	654.8	628.0	601.0	571.4	540.9	511.0	478.5	445.1	412.3	380.1	347.5
82.5°	659.0	632.3	604.8	575.0	544.3	513.6	482.1	447.5	415.0	382.3	351.1
85°	661.1	635.2	607.2	577.3	547.2	516.2	486.0	450.0	418.1	384.7	352.8
87.5°	663.4	636.7	608.8	580.0	548.4	517.0	485.8	450.9	419.1	384.7	352.1
90°	664.4	636.2	608.8	581.5	547.9	517.9	485.3	451.8	420.0	384.7	351.2
92.5°	663.4	636.7	608.8	580.0	548.4	517.0	485.8	450.9	419.1	384.7	352.1
95°	661.1	635.2	607.2	577.3	547.2	516.2	486.0	450.0	418.1	384.7	352.8
97.5°	659.0	632.3	604.8	575.0	544.3	513.6	482.1	447.5	415.0	382.3	351.1
100°	654.8	628.0	601.0	571.4	540.9	511.0	478.5	445.1	412.3	380.1	347.5
102.5°	649.2	622.8	596.0	566.5	537.1	506.6	473.5	441.3	409.0	375.9	343.8
105°	642.0	616.2	589.7	560.7	531.1	500.7	468.1	436.6	404.8	371.4	339.9
107.5°	633.8	608.3	582.8	553.4	523.3	493.5	462.0	430.2	398.5	366.7	335.7
110°	625.0	598.0	572.0	544.1	515.0	485.2	454.5	423.0	391.9	361.3	331.0



TEST NUMBER: P232068

CATALOG NUMBER: FVS4WM-3-LD4-30-2STD-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	613.2	586.7	560.5	535.0	505.6	475.4	445.6	415.1	384.4	353.9	324.4
115°	600.1	575.1	549.1	523.0	495.3	465.3	436.0	406.2	376.0	345.9	317.7
117.5°	586.1	561.1	536.0	510.5	484.1	455.0	425.3	396.4	365.8	336.6	309.5
120°	570.9	544.7	522.0	496.7	469.6	441.7	413.7	385.9	355.1	327.3	300.8
122.5°	552.4	529.3	508.0	481.2	454.3	427.8	401.5	374.3	344.7	317.6	291.5
125°	534.9	512.9	489.3	464.3	438.9	413.3	387.7	361.3	333.7	307.1	281.8
127.5°	515.3	493.8	470.8	447.1	423.1	397.7	372.6	347.4	321.5	295.3	271.4
130°	494.4	473.8	451.9	428.8	405.4	381.5	357.6	332.9	308.0	283.3	260.6
132.5°	472.2	452.4	431.4	410.7	387.3	365.2	342.0	316.7	293.1	270.4	249.0
135°	449.0	430.5	410.0	388.9	367.5	346.6	324.1	300.3	278.1	257.1	237.4
137.5°	424.9	406.7	387.5	367.3	347.2	327.5	305.9	284.2	262.5	243.3	225.2
140°	399.7	382.5	363.8	344.7	326.0	306.6	286.7	266.7	247.0	229.1	212.5
142.5°	372.9	356.4	339.1	321.6	305.4	285.5	266.8	248.6	230.8	213.4	198.1
145°	345.3	330.0	313.7	297.0	280.7	264.0	247.1	230.9	213.8	197.8	183.5
147.5°	317.4	302.7	287.2	272.4	258.1	242.7	226.7	211.1	196.0	182.1	168.9
150°	288.4	274.5	261.1	248.4	234.8	220.1	205.3	191.9	178.8	166.2	154.3
152.5°	258.5	246.8	235.4	223.7	210.3	196.5	184.6	172.6	160.7	149.0	138.3
155°	229.1	218.3	207.4	196.2	184.5	173.8	163.6	153.0	142.2	131.1	122.6
157.5°	197.8	188.5	179.1	169.3	160.2	151.1	141.7	132.7	123.3	114.4	107.8
160°	167.4	159.3	151.2	144.1	136.5	128.5	120.7	112.7	104.5	98.7	93.0
162.5°	138.1	131.6	125.9	119.8	113.4	106.6	99.5	92.3	87.0	82.2	77.1
165°	110.8	105.7	101.3	95.5	90.1	84.4	78.3	74.0	70.0	65.7	61.4
167.5°	83.2	79.8	76.1	72.1	67.8	64.0	60.7	57.3	53.7	50.0	47.7
170°	59.6	56.7	53.7	51.3	48.8	46.1	43.3	40.4	37.3	35.8	34.6
172.5°	37.9	36.4	34.9	33.2	31.4	29.5	27.5	26.4	25.6	24.7	23.8
175°	20.7	19.5	18.2	17.7	17.1	16.4	15.8	15.1	14.4	13.7	12.9
177.5°	10.1	9.8	9.6	9.3	9.0	8.7	8.4	8.0	7.7	7.3	6.9
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: P232068

CATALOG NUMBER: FVS4WM-3-LD4-30-2STD-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
2.5°	6.5	6.1	5.7	5.3	5.3	5.2	5.2	5.2	5.1	5.0	5.0
5°	12.2	11.4	10.5	9.7	9.6	9.5	9.4	9.3	9.1	9.0	8.8
7.5°	22.8	21.7	20.6	19.4	19.1	18.8	18.5	18.1	17.6	17.1	16.6
10°	33.4	32.0	30.6	29.1	28.6	28.1	27.4	26.8	26.0	25.3	24.7
12.5°	46.1	44.4	42.5	40.6	40.0	39.2	38.4	37.5	36.5	35.7	34.8
15°	59.0	56.9	54.5	52.1	51.3	50.5	49.4	48.4	47.3	46.2	45.0
17.5°	72.9	70.2	67.4	64.5	63.6	62.5	61.3	60.2	59.0	57.6	56.1
20°	87.0	83.7	80.3	76.8	75.8	74.6	73.3	72.1	70.7	69.3	67.3
22.5°	100.9	96.2	92.8	89.2	87.9	86.4	84.9	83.6	82.2	80.3	78.1
25°	114.8	108.5	105.1	101.5	99.9	98.1	96.6	95.1	93.4	91.2	88.8
27.5°	129.8	121.9	117.8	113.4	111.7	109.7	108.1	106.4	104.3	102.0	99.4
30°	144.9	135.4	130.5	125.3	123.4	121.4	119.5	117.4	115.1	112.6	109.9
32.5°	158.1	147.9	141.9	136.4	134.3	132.2	130.2	128.0	125.6	123.0	120.1
35°	170.9	160.3	153.3	147.4	145.2	143.0	140.9	138.6	136.1	133.0	129.7
37.5°	183.8	172.0	164.0	158.0	155.4	153.0	150.8	148.5	146.0	142.6	139.0
40°	196.8	183.8	174.6	168.5	165.6	162.9	160.7	158.2	155.4	151.9	148.0
42.5°	208.4	194.8	184.5	177.8	175.0	172.3	169.8	167.3	164.2	160.6	156.5
45°	220.0	205.6	194.4	187.1	184.5	181.6	178.8	176.2	172.6	168.6	164.7
47.5°	231.5	215.9	203.6	195.9	192.9	189.9	187.0	184.4	180.7	176.7	172.7
50°	242.7	226.2	212.7	204.7	201.2	198.1	195.2	192.4	188.9	184.7	180.0
52.5°	251.6	234.4	220.5	212.2	208.6	205.7	202.8	199.7	195.9	191.7	186.9
55°	260.3	242.4	228.3	219.7	216.0	213.3	210.3	206.7	202.5	198.1	193.4
57.5°	268.8	250.0	235.2	226.3	222.5	219.5	216.6	213.1	208.7	204.3	199.6
60°	277.1	257.4	242.0	232.9	229.0	225.7	222.9	219.3	214.9	210.3	205.3
62.5°	284.9	263.7	248.0	238.7	234.3	231.2	228.3	224.5	220.1	215.4	210.1
65°	292.7	269.8	254.0	244.4	239.6	236.8	233.5	229.5	225.1	220.2	214.6
67.5°	298.4	275.0	258.6	248.8	243.9	241.2	237.9	233.7	229.4	224.3	218.6
70°	303.7	280.0	263.1	253.2	248.2	245.5	242.2	238.0	233.5	228.0	222.3
72.5°	308.1	284.1	266.4	256.3	251.7	248.6	245.2	241.0	236.6	230.9	225.4
75°	312.2	288.0	270.0	259.4	255.1	251.7	248.1	243.8	239.4	233.6	228.1
77.5°	315.7	291.1	272.2	261.6	257.3	253.8	250.7	246.0	241.6	235.7	229.9
80°	319.0	294.7	274.4	263.8	259.5	256.0	253.2	248.1	243.6	237.7	231.5
82.5°	321.2	295.6	275.3	265.2	260.3	257.2	254.2	249.4	244.5	238.9	232.7
85°	322.1	296.5	276.2	266.5	261.2	258.5	255.0	250.6	245.4	240.0	233.8
87.5°	321.7	296.9	277.0	267.0	261.7	259.0	255.5	250.6	245.8	240.0	234.3
90°	321.2	297.4	277.9	267.4	262.1	259.4	255.9	250.6	246.2	240.0	234.7
92.5°	321.7	296.9	277.0	267.0	261.7	259.0	255.5	250.6	245.8	240.0	234.3
95°	322.1	296.5	276.2	266.5	261.2	258.5	255.0	250.6	245.4	240.0	233.8
97.5°	321.2	295.6	275.3	265.2	260.3	257.2	254.2	249.4	244.5	238.9	232.7
100°	319.0	294.7	274.4	263.8	259.5	256.0	253.2	248.1	243.6	237.7	231.5
102.5°	315.7	291.1	272.2	261.6	257.3	253.8	250.7	246.0	241.6	235.7	229.9
105°	312.2	288.0	270.0	259.4	255.1	251.7	248.1	243.8	239.4	233.6	228.1
107.5°	308.1	284.1	266.4	256.3	251.7	248.6	245.2	241.0	236.6	230.9	225.4
110°	303.7	280.0	263.1	253.2	248.2	245.5	242.2	238.0	233.5	228.0	222.3



TEST NUMBER: P232068

CATALOG NUMBER: FVS4WM-3-LD4-30-2STD-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
112.5°	298.4	275.0	258.6	248.8	243.9	241.2	237.9	233.7	229.4	224.3	218.6
115°	292.7	269.8	254.0	244.4	239.6	236.8	233.5	229.5	225.1	220.2	214.6
117.5°	284.9	263.7	248.0	238.7	234.3	231.2	228.3	224.5	220.1	215.4	210.1
120°	277.1	257.4	242.0	232.9	229.0	225.7	222.9	219.3	214.9	210.3	205.3
122.5°	268.8	250.0	235.2	226.3	222.5	219.5	216.6	213.1	208.7	204.3	199.6
125°	260.3	242.4	228.3	219.7	216.0	213.3	210.3	206.7	202.5	198.1	193.4
127.5°	251.6	234.4	220.5	212.2	208.6	205.7	202.8	199.7	195.9	191.7	186.9
130°	242.7	226.2	212.7	204.7	201.2	198.1	195.2	192.4	188.9	184.7	180.0
132.5°	231.5	215.9	203.6	195.9	192.9	189.9	187.0	184.4	180.7	176.7	172.7
135°	220.0	205.6	194.4	187.1	184.5	181.6	178.8	176.2	172.6	168.6	164.7
137.5°	208.4	194.8	184.5	177.8	175.0	172.3	169.8	167.3	164.2	160.6	156.5
140°	196.8	183.8	174.6	168.5	165.6	162.9	160.7	158.2	155.4	151.9	148.0
142.5°	183.8	172.0	164.0	158.0	155.4	153.0	150.8	148.5	146.0	142.6	139.0
145°	170.9	160.3	153.3	147.4	145.2	143.0	140.9	138.6	136.1	133.0	129.7
147.5°	158.1	147.9	141.9	136.4	134.3	132.2	130.2	128.0	125.6	123.0	120.1
150°	144.9	135.4	130.5	125.3	123.4	121.4	119.5	117.4	115.1	112.6	109.9
152.5°	129.8	121.9	117.8	113.4	111.7	109.7	108.1	106.4	104.3	102.0	99.4
155°	114.8	108.5	105.1	101.5	99.9	98.1	96.6	95.1	93.4	91.2	88.8
157.5°	100.9	96.2	92.8	89.2	87.9	86.4	84.9	83.6	82.2	80.3	78.1
160°	87.0	83.7	80.3	76.8	75.8	74.6	73.3	72.1	70.7	69.3	67.3
162.5°	72.9	70.2	67.4	64.5	63.6	62.5	61.3	60.2	59.0	57.6	56.1
165°	59.0	56.9	54.5	52.1	51.3	50.5	49.4	48.4	47.3	46.2	45.0
167.5°	46.1	44.4	42.5	40.6	40.0	39.2	38.4	37.5	36.5	35.7	34.8
170°	33.4	32.0	30.6	29.1	28.6	28.1	27.4	26.8	26.0	25.3	24.7
172.5°	22.8	21.7	20.6	19.4	19.1	18.8	18.5	18.1	17.6	17.1	16.6
175°	12.2	11.4	10.5	9.7	9.6	9.5	9.4	9.3	9.1	9.0	8.8
177.5°	6.5	6.1	5.7	5.3	5.3	5.2	5.2	5.2	5.1	5.0	5.0
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: P232068

CATALOG NUMBER: FVS4WM-3-LD4-30-2STD-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
2.5°	4.9	4.8	4.7	4.6	4.5	4.4	4.3	4.2	4.0	3.9	3.8
5°	8.6	8.4	8.2	8.0	7.7	7.5	7.3	7.0	6.8	6.5	6.2
7.5°	16.1	15.5	14.9	14.3	13.7	13.0	12.2	11.5	10.7	9.8	9.0
10°	24.1	23.4	22.6	21.8	20.9	20.1	19.1	18.2	17.2	16.1	15.0
12.5°	33.7	32.6	31.5	30.3	29.0	27.6	26.1	24.6	23.1	21.7	20.2
15°	43.8	42.6	41.2	39.8	38.3	36.3	34.3	32.2	30.0	27.9	25.8
17.5°	54.6	52.9	51.2	49.2	46.8	44.4	42.0	39.9	37.7	35.4	33.0
20°	65.3	63.2	61.0	58.7	56.1	53.6	51.0	48.3	45.6	42.6	39.8
22.5°	75.7	73.5	71.1	68.5	65.6	62.6	59.6	56.6	53.5	50.2	46.8
25°	86.4	83.8	81.0	77.9	74.7	71.5	68.3	64.9	61.2	57.4	53.6
27.5°	96.7	93.8	90.7	87.4	84.0	80.5	76.8	72.9	68.8	64.5	60.1
30°	107.0	103.7	100.2	96.5	92.8	89.1	85.1	80.9	76.2	71.5	66.8
32.5°	116.8	113.2	109.4	105.4	101.4	97.5	93.1	88.4	83.5	78.7	73.8
35°	126.1	122.3	118.3	114.2	110.1	105.7	101.0	95.9	90.5	85.3	79.9
37.5°	135.3	131.4	127.3	122.9	118.4	113.3	108.2	102.9	97.2	91.7	86.0
40°	143.8	139.8	135.5	130.9	125.9	120.8	115.7	110.0	103.8	98.0	92.2
42.5°	152.4	148.3	143.4	138.4	133.2	127.9	122.5	116.3	109.9	104.0	97.7
45°	160.4	155.8	150.8	145.6	140.3	134.9	128.7	122.4	116.3	109.7	103.2
47.5°	168.0	163.3	158.1	152.4	147.0	141.2	134.8	128.6	122.1	114.8	108.1
50°	175.0	170.2	164.7	159.0	153.6	147.5	140.7	133.8	126.6	119.9	113.4
52.5°	181.8	176.9	171.3	165.4	159.2	152.7	145.7	138.7	131.7	124.9	117.3
55°	188.3	182.9	177.1	171.0	164.5	157.7	150.7	143.6	136.4	129.0	121.5
57.5°	194.3	188.8	182.8	176.2	169.5	162.7	155.4	148.1	140.8	132.8	125.1
60°	199.6	193.7	187.4	180.9	174.3	167.5	159.9	152.1	144.3	136.4	128.7
62.5°	204.5	198.4	192.1	185.5	178.8	171.4	163.5	155.8	148.0	140.0	131.4
65°	208.7	202.9	196.5	189.5	182.7	175.0	167.2	159.5	151.3	142.5	133.9
67.5°	212.8	207.0	200.4	193.3	186.1	178.4	170.8	162.8	154.0	144.9	136.3
70°	216.4	210.0	203.0	195.9	188.7	181.4	173.8	165.7	156.7	147.4	138.3
72.5°	219.5	212.7	205.7	198.5	191.3	183.8	175.5	166.9	158.4	149.2	140.0
75°	222.1	215.2	208.1	200.6	193.2	185.6	177.1	168.4	159.9	150.9	141.5
77.5°	223.9	217.3	210.1	202.5	195.1	187.3	178.8	169.9	160.9	151.9	142.5
80°	225.3	219.0	211.4	204.0	196.4	188.0	179.6	170.9	161.7	152.7	143.2
82.5°	226.5	220.0	212.5	205.1	197.3	188.8	180.5	171.8	162.3	153.3	143.1
85°	227.6	220.7	213.5	205.7	197.7	189.7	181.0	172.2	162.6	153.1	143.1
87.5°	227.7	220.7	213.6	206.1	197.7	190.2	181.4	172.3	162.9	153.1	143.4
90°	227.6	220.6	213.5	206.5	197.6	190.6	181.8	172.1	163.2	153.5	143.8
92.5°	227.7	220.7	213.6	206.1	197.7	190.2	181.4	172.3	162.9	153.1	143.4
95°	227.6	220.7	213.5	205.7	197.7	189.7	181.0	172.2	162.6	153.1	143.1
97.5°	226.5	220.0	212.5	205.1	197.3	188.8	180.5	171.8	162.3	153.3	143.1
100°	225.3	219.0	211.4	204.0	196.4	188.0	179.6	170.9	161.7	152.7	143.2
102.5°	223.9	217.3	210.1	202.5	195.1	187.3	178.8	169.9	160.9	151.9	142.5
105°	222.1	215.2	208.1	200.6	193.2	185.6	177.1	168.4	159.9	150.9	141.5
107.5°	219.5	212.7	205.7	198.5	191.3	183.8	175.5	166.9	158.4	149.2	140.0
110°	216.4	210.0	203.0	195.9	188.7	181.4	173.8	165.7	156.7	147.4	138.3



TEST NUMBER: P232068

CATALOG NUMBER: FVS4WM-3-LD4-30-2STD-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	212.8	207.0	200.4	193.3	186.1	178.4	170.8	162.8	154.0	144.9	136.3
115°	208.7	202.9	196.5	189.5	182.7	175.0	167.2	159.5	151.3	142.5	133.9
117.5°	204.5	198.4	192.1	185.5	178.8	171.4	163.5	155.8	148.0	140.0	131.4
120°	199.6	193.7	187.4	180.9	174.3	167.5	159.9	152.1	144.3	136.4	128.7
122.5°	194.3	188.8	182.8	176.2	169.5	162.7	155.4	148.1	140.8	132.8	125.1
125°	188.3	182.9	177.1	171.0	164.5	157.7	150.7	143.6	136.4	129.0	121.5
127.5°	181.8	176.9	171.3	165.4	159.2	152.7	145.7	138.7	131.7	124.9	117.3
130°	175.0	170.2	164.7	159.0	153.6	147.5	140.7	133.8	126.6	119.9	113.4
132.5°	168.0	163.3	158.1	152.4	147.0	141.2	134.8	128.6	122.1	114.8	108.1
135°	160.4	155.8	150.8	145.6	140.3	134.9	128.7	122.4	116.3	109.7	103.2
137.5°	152.4	148.3	143.4	138.4	133.2	127.9	122.5	116.3	109.9	104.0	97.7
140°	143.8	139.8	135.5	130.9	125.9	120.8	115.7	110.0	103.8	98.0	92.2
142.5°	135.3	131.4	127.3	122.9	118.4	113.3	108.2	102.9	97.2	91.7	86.0
145°	126.1	122.3	118.3	114.2	110.1	105.7	101.0	95.9	90.5	85.3	79.9
147.5°	116.8	113.2	109.4	105.4	101.4	97.5	93.1	88.4	83.5	78.7	73.8
150°	107.0	103.7	100.2	96.5	92.8	89.1	85.1	80.9	76.2	71.5	66.8
152.5°	96.7	93.8	90.7	87.4	84.0	80.5	76.8	72.9	68.8	64.5	60.1
155°	86.4	83.8	81.0	77.9	74.7	71.5	68.3	64.9	61.2	57.4	53.6
157.5°	75.7	73.5	71.1	68.5	65.6	62.6	59.6	56.6	53.5	50.2	46.8
160°	65.3	63.2	61.0	58.7	56.1	53.6	51.0	48.3	45.6	42.6	39.8
162.5°	54.6	52.9	51.2	49.2	46.8	44.4	42.0	39.9	37.7	35.4	33.0
165°	43.8	42.6	41.2	39.8	38.3	36.3	34.3	32.2	30.0	27.9	25.8
167.5°	33.7	32.6	31.5	30.3	29.0	27.6	26.1	24.6	23.1	21.7	20.2
170°	24.1	23.4	22.6	21.8	20.9	20.1	19.1	18.2	17.2	16.1	15.0
172.5°	16.1	15.5	14.9	14.3	13.7	13.0	12.2	11.5	10.7	9.8	9.0
175°	8.6	8.4	8.2	8.0	7.7	7.5	7.3	7.0	6.8	6.5	6.2
177.5°	4.9	4.8	4.7	4.6	4.5	4.4	4.3	4.2	4.0	3.9	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: P232068

CATALOG NUMBER: FVS4WM-3-LD4-30-2STD-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
2.5°	3.6	3.5	3.4	3.2	3.1	2.9	2.7	2.6	2.4	2.3	2.1
5°	6.0	5.7	5.4	5.1	4.8	4.5	4.2	3.9	3.6	3.3	3.0
7.5°	7.9	7.7	7.3	6.9	6.6	6.2	5.8	5.4	4.9	4.5	4.1
10°	13.9	12.8	11.5	10.2	9.0	7.5	7.0	6.4	5.9	5.3	4.8
12.5°	18.7	17.2	15.6	14.1	12.6	11.0	9.4	7.7	6.4	5.7	5.1
15°	23.7	21.7	20.0	18.2	16.3	14.5	12.6	10.7	8.8	6.9	5.8
17.5°	30.5	27.9	25.2	22.5	20.1	18.1	15.9	13.7	11.4	9.2	6.8
20°	36.9	34.0	30.9	27.9	24.8	21.6	18.9	16.4	13.9	11.4	8.9
22.5°	43.2	39.7	36.3	32.9	29.5	26.0	22.5	19.0	16.1	13.3	10.5
25°	49.7	45.7	41.7	37.6	33.8	29.9	25.9	21.9	17.9	14.9	12.0
27.5°	55.8	51.4	47.1	42.7	38.3	33.9	29.7	25.4	21.1	16.5	13.7
30°	62.1	57.1	52.5	47.9	43.1	38.2	33.2	28.6	24.1	19.4	14.8
32.5°	68.5	63.3	58.2	52.6	47.6	42.2	36.7	30.9	26.1	21.2	16.4
35°	74.4	68.8	63.2	57.4	51.4	45.4	39.9	34.3	28.6	23.5	18.6
37.5°	80.2	74.1	67.8	61.7	55.6	49.8	43.9	37.6	31.5	25.7	20.4
40°	86.0	79.4	72.8	66.2	59.7	53.3	46.7	40.2	33.9	27.4	21.4
42.5°	91.2	84.4	77.5	70.5	63.6	56.7	49.9	43.1	36.4	29.8	23.2
45°	96.1	89.0	81.9	74.7	67.4	60.2	53.1	46.0	38.8	31.5	24.4
47.5°	100.9	93.7	86.3	78.7	71.0	63.5	56.0	48.6	40.8	33.0	25.8
50°	105.5	97.9	90.3	82.5	74.5	66.6	58.7	50.6	42.7	34.5	26.6
52.5°	109.5	101.5	93.9	85.9	77.9	69.3	60.7	52.3	44.1	35.7	27.5
55°	113.6	105.3	97.4	89.1	80.4	71.6	63.0	53.9	44.8	36.2	28.1
57.5°	116.9	108.5	100.4	91.6	83.2	74.0	64.8	55.1	45.8	37.0	28.7
60°	119.8	111.4	102.7	93.5	85.0	75.7	66.0	56.5	47.0	37.1	28.8
62.5°	122.5	113.9	104.7	96.0	87.0	77.3	67.1	56.9	47.3	37.8	29.4
65°	125.1	116.1	106.8	97.9	88.6	78.8	68.2	57.4	47.5	37.9	29.1
67.5°	127.3	118.2	108.4	99.2	89.8	80.1	69.0	58.5	47.9	38.3	29.3
70°	128.9	119.6	110.0	100.4	90.6	80.5	69.6	58.7	47.7	38.0	28.9
72.5°	130.0	121.1	111.3	101.5	91.9	81.7	71.1	59.0	48.3	37.8	28.3
75°	131.6	122.5	112.3	102.2	92.2	82.1	71.3	59.5	47.7	37.3	27.9
77.5°	132.7	122.9	112.6	102.6	92.4	82.2	71.7	60.9	48.5	37.1	27.3
80°	133.0	122.9	112.6	102.5	92.5	82.3	71.6	60.8	49.0	36.7	26.6
82.5°	133.0	122.7	112.6	102.3	91.9	81.2	70.7	60.0	49.5	37.7	26.1
85°	132.9	122.7	112.9	102.2	91.6	81.0	69.7	59.0	48.9	38.1	26.4
87.5°	132.9	122.9	113.0	102.0	91.2	80.7	69.2	58.6	47.4	36.8	26.3
90°	133.2	122.6	112.1	102.4	90.0	79.4	68.8	59.1	46.8	36.2	25.6
92.5°	132.9	122.9	113.0	102.0	91.2	80.7	69.2	58.6	47.4	36.8	26.3
95°	132.9	122.7	112.9	102.2	91.6	81.0	69.7	59.0	48.9	38.1	26.4
97.5°	133.0	122.7	112.6	102.3	91.9	81.2	70.7	60.0	49.5	37.7	26.1
100°	133.0	122.9	112.6	102.5	92.5	82.3	71.6	60.8	49.0	36.7	26.6
102.5°	132.7	122.9	112.6	102.6	92.4	82.2	71.7	60.9	48.5	37.1	27.3
105°	131.6	122.5	112.3	102.2	92.2	82.1	71.3	59.5	47.7	37.3	27.9
107.5°	130.0	121.1	111.3	101.5	91.9	81.7	71.1	59.0	48.3	37.8	28.3
110°	128.9	119.6	110.0	100.4	90.6	80.5	69.6	58.7	47.7	38.0	28.9





TEST NUMBER: P232068

CATALOG NUMBER: FVS4WM-3-LD4-30-2STD-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
112.5°	127.3	118.2	108.4	99.2	89.8	80.1	69.0	58.5	47.9	38.3	29.3
115°	125.1	116.1	106.8	97.9	88.6	78.8	68.2	57.4	47.5	37.9	29.1
117.5°	122.5	113.9	104.7	96.0	87.0	77.3	67.1	56.9	47.3	37.8	29.4
120°	119.8	111.4	102.7	93.5	85.0	75.7	66.0	56.5	47.0	37.1	28.8
122.5°	116.9	108.5	100.4	91.6	83.2	74.0	64.8	55.1	45.8	37.0	28.7
125°	113.6	105.3	97.4	89.1	80.4	71.6	63.0	53.9	44.8	36.2	28.1
127.5°	109.5	101.5	93.9	85.9	77.9	69.3	60.7	52.3	44.1	35.7	27.5
130°	105.5	97.9	90.3	82.5	74.5	66.6	58.7	50.6	42.7	34.5	26.6
132.5°	100.9	93.7	86.3	78.7	71.0	63.5	56.0	48.6	40.8	33.0	25.8
135°	96.1	89.0	81.9	74.7	67.4	60.2	53.1	46.0	38.8	31.5	24.4
137.5°	91.2	84.4	77.5	70.5	63.6	56.7	49.9	43.1	36.4	29.8	23.2
140°	86.0	79.4	72.8	66.2	59.7	53.3	46.7	40.2	33.9	27.4	21.4
142.5°	80.2	74.1	67.8	61.7	55.6	49.8	43.9	37.6	31.5	25.7	20.4
145°	74.4	68.8	63.2	57.4	51.4	45.4	39.9	34.3	28.6	23.5	18.6
147.5°	68.5	63.3	58.2	52.6	47.6	42.2	36.7	30.9	26.1	21.2	16.4
150°	62.1	57.1	52.5	47.9	43.1	38.2	33.2	28.6	24.1	19.4	14.8
152.5°	55.8	51.4	47.1	42.7	38.3	33.9	29.7	25.4	21.1	16.5	13.7
155°	49.7	45.7	41.7	37.6	33.8	29.9	25.9	21.9	17.9	14.9	12.0
157.5°	43.2	39.7	36.3	32.9	29.5	26.0	22.5	19.0	16.1	13.3	10.5
160°	36.9	34.0	30.9	27.9	24.8	21.6	18.9	16.4	13.9	11.4	8.9
162.5°	30.5	27.9	25.2	22.5	20.1	18.1	15.9	13.7	11.4	9.2	6.8
165°	23.7	21.7	20.0	18.2	16.3	14.5	12.6	10.7	8.8	6.9	5.8
167.5°	18.7	17.2	15.6	14.1	12.6	11.0	9.4	7.7	6.4	5.7	5.1
170°	13.9	12.8	11.5	10.2	9.0	7.5	7.0	6.4	5.9	5.3	4.8
172.5°	7.9	7.7	7.3	6.9	6.6	6.2	5.8	5.4	4.9	4.5	4.1
175°	6.0	5.7	5.4	5.1	4.8	4.5	4.2	3.9	3.6	3.3	3.0
177.5°	3.6	3.5	3.4	3.2	3.1	2.9	2.7	2.6	2.4	2.3	2.1
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232068

CATALOG NUMBER: FVS4WM-3-LD4-30-2STD-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
2.5°	1.9	1.8	1.6	1.4	1.2	1.1	0.9	1.1	1.2	1.4	1.6
5°	2.7	2.4	2.1	1.8	1.5	1.2	0.9	1.2	1.5	1.8	2.1
7.5°	3.6	3.2	2.7	2.3	1.8	1.4	0.9	1.4	1.8	2.3	2.7
10°	4.2	3.6	3.1	2.5	2.0	1.4	0.9	1.4	2.0	2.5	3.1
12.5°	4.5	3.9	3.3	2.7	2.1	1.5	0.9	1.5	2.1	2.7	3.3
15°	5.1	4.4	3.7	3.0	2.3	1.6	0.9	1.6	2.3	3.0	3.7
17.5°	5.2	4.5	3.7	3.0	2.3	1.6	0.9	1.6	2.3	3.0	3.7
20°	6.4	4.9	4.1	3.3	2.5	1.7	0.9	1.7	2.5	3.3	4.1
22.5°	7.7	4.9	3.9	3.1	2.4	1.6	0.9	1.6	2.4	3.1	3.9
25°	9.2	6.3	4.1	3.3	2.5	1.7	0.9	1.7	2.5	3.3	4.1
27.5°	10.5	7.3	4.1	3.0	2.3	1.6	0.9	1.6	2.3	3.0	4.1
30°	11.5	8.2	5.1	3.1	2.4	1.7	0.9	1.7	2.4	3.1	5.1
32.5°	12.3	9.0	5.6	2.6	2.0	1.4	0.9	1.4	2.0	2.6	5.6
35°	13.6	9.9	6.5	3.0	2.1	1.5	0.9	1.5	2.1	3.0	6.5
37.5°	15.1	10.3	6.7	3.2	1.6	1.3	0.9	1.3	1.6	3.2	6.7
40°	16.1	10.9	7.2	3.8	1.7	1.3	0.9	1.3	1.7	3.8	7.2
42.5°	17.3	11.7	7.2	4.1	1.7	1.3	0.9	1.3	1.7	4.1	7.2
45°	17.9	12.4	7.2	4.5	1.8	1.3	0.9	1.3	1.8	4.5	7.2
47.5°	19.1	13.2	7.9	4.4	1.4	0.9	0.9	0.9	1.4	4.4	7.9
50°	19.7	13.1	8.0	3.9	1.6	0.9	0.9	0.9	1.6	3.9	8.0
52.5°	20.0	13.4	8.0	3.5	1.7	0.9	0.9	0.9	1.7	3.5	8.0
55°	20.3	13.9	8.3	3.6	1.7	0.9	0.9	0.9	1.7	3.6	8.3
57.5°	21.1	14.4	8.4	4.2	1.8	0.9	0.9	0.9	1.8	4.2	8.4
60°	21.2	14.6	8.6	4.2	1.6	0.9	0.9	0.9	1.6	4.2	8.6
62.5°	21.3	14.2	8.1	3.7	1.7	0.9	0.9	0.9	1.7	3.7	8.1
65°	21.5	14.4	7.9	3.5	1.3	0.9	0.9	0.9	1.3	3.5	7.9
67.5°	21.5	14.3	8.1	3.7	1.3	0.9	0.9	0.9	1.3	3.7	8.1
70°	21.2	13.9	7.4	3.4	1.5	0.9	0.9	0.9	1.5	3.4	7.4
72.5°	20.6	13.5	7.4	3.2	1.2	0.9	0.9	0.9	1.2	3.2	7.4
75°	19.7	13.1	7.4	2.8	1.1	0.9	0.9	0.9	1.1	2.8	7.4
77.5°	18.6	11.5	6.3	2.2	0.4	0.1	0.0	0.1	0.4	2.2	6.3
80°	17.6	10.5	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5
82.5°	16.3	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	15.6	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	15.9	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	15.9	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	15.6	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	16.3	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	17.6	10.5	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5
102.5°	18.6	11.5	6.3	2.2	0.4	0.1	0.0	0.1	0.4	2.2	6.3
105°	19.7	13.1	7.4	2.8	1.1	0.9	0.9	0.9	1.1	2.8	7.4
107.5°	20.6	13.5	7.4	3.2	1.2	0.9	0.9	0.9	1.2	3.2	7.4
110°	21.2	13.9	7.4	3.4	1.5	0.9	0.9	0.9	1.5	3.4	7.4



TEST NUMBER: P232068

CATALOG NUMBER: FVS4WM-3-LD4-30-2STD-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	21.5	14.3	8.1	3.7	1.3	0.9	0.9	0.9	1.3	3.7	8.1
115°	21.5	14.4	7.9	3.5	1.3	0.9	0.9	0.9	1.3	3.5	7.9
117.5°	21.3	14.2	8.1	3.7	1.7	0.9	0.9	0.9	1.7	3.7	8.1
120°	21.2	14.6	8.6	4.2	1.6	0.9	0.9	0.9	1.6	4.2	8.6
122.5°	21.1	14.4	8.4	4.2	1.8	0.9	0.9	0.9	1.8	4.2	8.4
125°	20.3	13.9	8.3	3.6	1.7	0.9	0.9	0.9	1.7	3.6	8.3
127.5°	20.0	13.4	8.0	3.5	1.7	0.9	0.9	0.9	1.7	3.5	8.0
130°	19.7	13.1	8.0	3.9	1.6	0.9	0.9	0.9	1.6	3.9	8.0
132.5°	19.1	13.2	7.9	4.4	1.4	0.9	0.9	0.9	1.4	4.4	7.9
135°	17.9	12.4	7.2	4.5	1.8	1.3	0.9	1.3	1.8	4.5	7.2
137.5°	17.3	11.7	7.2	4.1	1.7	1.3	0.9	1.3	1.7	4.1	7.2
140°	16.1	10.9	7.2	3.8	1.7	1.3	0.9	1.3	1.7	3.8	7.2
142.5°	15.1	10.3	6.7	3.2	1.6	1.3	0.9	1.3	1.6	3.2	6.7
145°	13.6	9.9	6.5	3.0	2.1	1.5	0.9	1.5	2.1	3.0	6.5
147.5°	12.3	9.0	5.6	2.6	2.0	1.4	0.9	1.4	2.0	2.6	5.6
150°	11.5	8.2	5.1	3.1	2.4	1.7	0.9	1.7	2.4	3.1	5.1
152.5°	10.5	7.3	4.1	3.0	2.3	1.6	0.9	1.6	2.3	3.0	4.1
155°	9.2	6.3	4.1	3.3	2.5	1.7	0.9	1.7	2.5	3.3	4.1
157.5°	7.7	4.9	3.9	3.1	2.4	1.6	0.9	1.6	2.4	3.1	3.9
160°	6.4	4.9	4.1	3.3	2.5	1.7	0.9	1.7	2.5	3.3	4.1
162.5°	5.2	4.5	3.7	3.0	2.3	1.6	0.9	1.6	2.3	3.0	3.7
165°	5.1	4.4	3.7	3.0	2.3	1.6	0.9	1.6	2.3	3.0	3.7
167.5°	4.5	3.9	3.3	2.7	2.1	1.5	0.9	1.5	2.1	2.7	3.3
170°	4.2	3.6	3.1	2.5	2.0	1.4	0.9	1.4	2.0	2.5	3.1
172.5°	3.6	3.2	2.7	2.3	1.8	1.4	0.9	1.4	1.8	2.3	2.7
175°	2.7	2.4	2.1	1.8	1.5	1.2	0.9	1.2	1.5	1.8	2.1
177.5°	1.9	1.8	1.6	1.4	1.2	1.1	0.9	1.1	1.2	1.4	1.6
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232068

CATALOG NUMBER: FVS4WM-3-LD4-30-2STD-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
2.5°	1.8	1.9	2.1	2.3	2.4	2.6	2.7	2.9	3.1	3.2	3.4
5°	2.4	2.7	3.0	3.3	3.6	3.9	4.2	4.5	4.8	5.1	5.4
7.5°	3.2	3.6	4.1	4.5	4.9	5.4	5.8	6.2	6.6	6.9	7.3
10°	3.6	4.2	4.8	5.3	5.9	6.4	7.0	7.5	9.0	10.2	11.5
12.5°	3.9	4.5	5.1	5.7	6.4	7.7	9.4	11.0	12.6	14.1	15.6
15°	4.4	5.1	5.8	6.9	8.8	10.7	12.6	14.5	16.3	18.2	20.0
17.5°	4.5	5.2	6.8	9.2	11.4	13.7	15.9	18.1	20.1	22.5	25.2
20°	4.9	6.4	8.9	11.4	13.9	16.4	18.9	21.6	24.8	27.9	30.9
22.5°	4.9	7.7	10.5	13.3	16.1	19.0	22.5	26.0	29.5	32.9	36.3
25°	6.3	9.2	12.0	14.9	17.9	21.9	25.9	29.9	33.8	37.6	41.7
27.5°	7.3	10.5	13.7	16.5	21.1	25.4	29.7	33.9	38.3	42.7	47.1
30°	8.2	11.5	14.8	19.4	24.1	28.6	33.2	38.2	43.1	47.9	52.5
32.5°	9.0	12.3	16.4	21.2	26.1	30.9	36.7	42.2	47.6	52.6	58.2
35°	9.9	13.6	18.6	23.5	28.6	34.3	39.9	45.4	51.4	57.4	63.2
37.5°	10.3	15.1	20.4	25.7	31.5	37.6	43.9	49.8	55.6	61.7	67.8
40°	10.9	16.1	21.4	27.4	33.9	40.2	46.7	53.3	59.7	66.2	72.8
42.5°	11.7	17.3	23.2	29.8	36.4	43.1	49.9	56.7	63.6	70.5	77.5
45°	12.4	17.9	24.4	31.5	38.8	46.0	53.1	60.2	67.4	74.7	81.9
47.5°	13.2	19.1	25.8	33.0	40.8	48.6	56.0	63.5	71.0	78.7	86.3
50°	13.1	19.7	26.6	34.5	42.7	50.6	58.7	66.6	74.5	82.5	90.3
52.5°	13.4	20.0	27.5	35.7	44.1	52.3	60.7	69.3	77.9	85.9	93.9
55°	13.9	20.3	28.1	36.2	44.8	53.9	63.0	71.6	80.4	89.1	97.4
57.5°	14.4	21.1	28.7	37.0	45.8	55.1	64.8	74.0	83.2	91.6	100.4
60°	14.6	21.2	28.8	37.1	47.0	56.5	66.0	75.7	85.0	93.5	102.7
62.5°	14.2	21.3	29.4	37.8	47.3	56.9	67.1	77.3	87.0	96.0	104.7
65°	14.4	21.5	29.1	37.9	47.5	57.4	68.2	78.8	88.6	97.9	106.8
67.5°	14.3	21.5	29.3	38.3	47.9	58.5	69.0	80.1	89.8	99.2	108.4
70°	13.9	21.2	28.9	38.0	47.7	58.7	69.6	80.5	90.6	100.4	110.0
72.5°	13.5	20.6	28.3	37.8	48.3	59.0	71.1	81.7	91.9	101.5	111.3
75°	13.1	19.7	27.9	37.3	47.7	59.5	71.3	82.1	92.2	102.2	112.3
77.5°	11.5	18.6	27.3	37.1	48.5	60.9	71.7	82.2	92.4	102.6	112.6
80°	10.5	17.6	26.6	36.7	49.0	60.8	71.6	82.3	92.5	102.5	112.6
82.5°	7.7	16.3	26.1	37.7	49.5	60.0	70.7	81.2	91.9	102.3	112.6
85°	4.6	15.6	26.4	38.1	48.9	59.0	69.7	81.0	91.6	102.2	112.9
87.5°	1.4	15.9	26.3	36.8	47.4	58.6	69.2	80.7	91.2	102.0	113.0
90°	0.0	15.0	25.6	36.2	46.8	59.1	68.8	79.4	90.0	102.4	112.1
92.5°	1.4	15.9	26.3	36.8	47.4	58.6	69.2	80.7	91.2	102.0	113.0
95°	4.6	15.6	26.4	38.1	48.9	59.0	69.7	81.0	91.6	102.2	112.9
97.5°	7.7	16.3	26.1	37.7	49.5	60.0	70.7	81.2	91.9	102.3	112.6
100°	10.5	17.6	26.6	36.7	49.0	60.8	71.6	82.3	92.5	102.5	112.6
102.5°	11.5	18.6	27.3	37.1	48.5	60.9	71.7	82.2	92.4	102.6	112.6
105°	13.1	19.7	27.9	37.3	47.7	59.5	71.3	82.1	92.2	102.2	112.3
107.5°	13.5	20.6	28.3	37.8	48.3	59.0	71.1	81.7	91.9	101.5	111.3
110°	13.9	21.2	28.9	38.0	47.7	58.7	69.6	80.5	90.6	100.4	110.0



TEST NUMBER: P232068

CATALOG NUMBER: FVS4WM-3-LD4-30-2STD-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
112.5°	14.3	21.5	29.3	38.3	47.9	58.5	69.0	80.1	89.8	99.2	108.4
115°	14.4	21.5	29.1	37.9	47.5	57.4	68.2	78.8	88.6	97.9	106.8
117.5°	14.2	21.3	29.4	37.8	47.3	56.9	67.1	77.3	87.0	96.0	104.7
120°	14.6	21.2	28.8	37.1	47.0	56.5	66.0	75.7	85.0	93.5	102.7
122.5°	14.4	21.1	28.7	37.0	45.8	55.1	64.8	74.0	83.2	91.6	100.4
125°	13.9	20.3	28.1	36.2	44.8	53.9	63.0	71.6	80.4	89.1	97.4
127.5°	13.4	20.0	27.5	35.7	44.1	52.3	60.7	69.3	77.9	85.9	93.9
130°	13.1	19.7	26.6	34.5	42.7	50.6	58.7	66.6	74.5	82.5	90.3
132.5°	13.2	19.1	25.8	33.0	40.8	48.6	56.0	63.5	71.0	78.7	86.3
135°	12.4	17.9	24.4	31.5	38.8	46.0	53.1	60.2	67.4	74.7	81.9
137.5°	11.7	17.3	23.2	29.8	36.4	43.1	49.9	56.7	63.6	70.5	77.5
140°	10.9	16.1	21.4	27.4	33.9	40.2	46.7	53.3	59.7	66.2	72.8
142.5°	10.3	15.1	20.4	25.7	31.5	37.6	43.9	49.8	55.6	61.7	67.8
145°	9.9	13.6	18.6	23.5	28.6	34.3	39.9	45.4	51.4	57.4	63.2
147.5°	9.0	12.3	16.4	21.2	26.1	30.9	36.7	42.2	47.6	52.6	58.2
150°	8.2	11.5	14.8	19.4	24.1	28.6	33.2	38.2	43.1	47.9	52.5
152.5°	7.3	10.5	13.7	16.5	21.1	25.4	29.7	33.9	38.3	42.7	47.1
155°	6.3	9.2	12.0	14.9	17.9	21.9	25.9	29.9	33.8	37.6	41.7
157.5°	4.9	7.7	10.5	13.3	16.1	19.0	22.5	26.0	29.5	32.9	36.3
160°	4.9	6.4	8.9	11.4	13.9	16.4	18.9	21.6	24.8	27.9	30.9
162.5°	4.5	5.2	6.8	9.2	11.4	13.7	15.9	18.1	20.1	22.5	25.2
165°	4.4	5.1	5.8	6.9	8.8	10.7	12.6	14.5	16.3	18.2	20.0
167.5°	3.9	4.5	5.1	5.7	6.4	7.7	9.4	11.0	12.6	14.1	15.6
170°	3.6	4.2	4.8	5.3	5.9	6.4	7.0	7.5	9.0	10.2	11.5
172.5°	3.2	3.6	4.1	4.5	4.9	5.4	5.8	6.2	6.6	6.9	7.3
175°	2.4	2.7	3.0	3.3	3.6	3.9	4.2	4.5	4.8	5.1	5.4
177.5°	1.8	1.9	2.1	2.3	2.4	2.6	2.7	2.9	3.1	3.2	3.4
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232068

CATALOG NUMBER: FVS4WM-3-LD4-30-2STD-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
2.5°	3.5	3.6	3.8	3.9	4.0	4.2	4.3	4.4	4.5	4.6	4.7
5°	5.7	6.0	6.2	6.5	6.8	7.0	7.3	7.5	7.7	8.0	8.2
7.5°	7.7	7.9	9.0	9.8	10.7	11.5	12.2	13.0	13.7	14.3	14.9
10°	12.8	13.9	15.0	16.1	17.2	18.2	19.1	20.1	20.9	21.8	22.6
12.5°	17.2	18.7	20.2	21.7	23.1	24.6	26.1	27.6	29.0	30.3	31.5
15°	21.7	23.7	25.8	27.9	30.0	32.2	34.3	36.3	38.3	39.8	41.2
17.5°	27.9	30.5	33.0	35.4	37.7	39.9	42.0	44.4	46.8	49.2	51.2
20°	34.0	36.9	39.8	42.6	45.6	48.3	51.0	53.6	56.1	58.7	61.0
22.5°	39.7	43.2	46.8	50.2	53.5	56.6	59.6	62.6	65.6	68.5	71.1
25°	45.7	49.7	53.6	57.4	61.2	64.9	68.3	71.5	74.7	77.9	81.0
27.5°	51.4	55.8	60.1	64.5	68.8	72.9	76.8	80.5	84.0	87.4	90.7
30°	57.1	62.1	66.8	71.5	76.2	80.9	85.1	89.1	92.8	96.5	100.2
32.5°	63.3	68.5	73.8	78.7	83.5	88.4	93.1	97.5	101.4	105.4	109.4
35°	68.8	74.4	79.9	85.3	90.5	95.9	101.0	105.7	110.1	114.2	118.3
37.5°	74.1	80.2	86.0	91.7	97.2	102.9	108.2	113.3	118.4	122.9	127.3
40°	79.4	86.0	92.2	98.0	103.8	110.0	115.7	120.8	125.9	130.9	135.5
42.5°	84.4	91.2	97.7	104.0	109.9	116.3	122.5	127.9	133.2	138.4	143.4
45°	89.0	96.1	103.2	109.7	116.3	122.4	128.7	134.9	140.3	145.6	150.8
47.5°	93.7	100.9	108.1	114.8	122.1	128.6	134.8	141.2	147.0	152.4	158.1
50°	97.9	105.5	113.4	119.9	126.6	133.8	140.7	147.5	153.6	159.0	164.7
52.5°	101.5	109.5	117.3	124.9	131.7	138.7	145.7	152.7	159.2	165.4	171.3
55°	105.3	113.6	121.5	129.0	136.4	143.6	150.7	157.7	164.5	171.0	177.1
57.5°	108.5	116.9	125.1	132.8	140.8	148.1	155.4	162.7	169.5	176.2	182.8
60°	111.4	119.8	128.7	136.4	144.3	152.1	159.9	167.5	174.3	180.9	187.4
62.5°	113.9	122.5	131.4	140.0	148.0	155.8	163.5	171.4	178.8	185.5	192.1
65°	116.1	125.1	133.9	142.5	151.3	159.5	167.2	175.0	182.7	189.5	196.5
67.5°	118.2	127.3	136.3	144.9	154.0	162.8	170.8	178.4	186.1	193.3	200.4
70°	119.6	128.9	138.3	147.4	156.7	165.7	173.8	181.4	188.7	195.9	203.0
72.5°	121.1	130.0	140.0	149.2	158.4	166.9	175.5	183.8	191.3	198.5	205.7
75°	122.5	131.6	141.5	150.9	159.9	168.4	177.1	185.6	193.2	200.6	208.1
77.5°	122.9	132.7	142.5	151.9	160.9	169.9	178.8	187.3	195.1	202.5	210.1
80°	122.9	133.0	143.2	152.7	161.7	170.9	179.6	188.0	196.4	204.0	211.4
82.5°	122.7	133.0	143.1	153.3	162.3	171.8	180.5	188.8	197.3	205.1	212.5
85°	122.7	132.9	143.1	153.1	162.6	172.2	181.0	189.7	197.7	205.7	213.5
87.5°	122.9	132.9	143.4	153.1	162.9	172.3	181.4	190.2	197.7	206.1	213.6
90°	122.6	133.2	143.8	153.5	163.2	172.1	181.8	190.6	197.6	206.5	213.5
92.5°	122.9	132.9	143.4	153.1	162.9	172.3	181.4	190.2	197.7	206.1	213.6
95°	122.7	132.9	143.1	153.1	162.6	172.2	181.0	189.7	197.7	205.7	213.5
97.5°	122.7	133.0	143.1	153.3	162.3	171.8	180.5	188.8	197.3	205.1	212.5
100°	122.9	133.0	143.2	152.7	161.7	170.9	179.6	188.0	196.4	204.0	211.4
102.5°	122.9	132.7	142.5	151.9	160.9	169.9	178.8	187.3	195.1	202.5	210.1
105°	122.5	131.6	141.5	150.9	159.9	168.4	177.1	185.6	193.2	200.6	208.1
107.5°	121.1	130.0	140.0	149.2	158.4	166.9	175.5	183.8	191.3	198.5	205.7
110°	119.6	128.9	138.3	147.4	156.7	165.7	173.8	181.4	188.7	195.9	203.0



TEST NUMBER: P232068

CATALOG NUMBER: FVS4WM-3-LD4-30-2STD-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	118.2	127.3	136.3	144.9	154.0	162.8	170.8	178.4	186.1	193.3	200.4
115°	116.1	125.1	133.9	142.5	151.3	159.5	167.2	175.0	182.7	189.5	196.5
117.5°	113.9	122.5	131.4	140.0	148.0	155.8	163.5	171.4	178.8	185.5	192.1
120°	111.4	119.8	128.7	136.4	144.3	152.1	159.9	167.5	174.3	180.9	187.4
122.5°	108.5	116.9	125.1	132.8	140.8	148.1	155.4	162.7	169.5	176.2	182.8
125°	105.3	113.6	121.5	129.0	136.4	143.6	150.7	157.7	164.5	171.0	177.1
127.5°	101.5	109.5	117.3	124.9	131.7	138.7	145.7	152.7	159.2	165.4	171.3
130°	97.9	105.5	113.4	119.9	126.6	133.8	140.7	147.5	153.6	159.0	164.7
132.5°	93.7	100.9	108.1	114.8	122.1	128.6	134.8	141.2	147.0	152.4	158.1
135°	89.0	96.1	103.2	109.7	116.3	122.4	128.7	134.9	140.3	145.6	150.8
137.5°	84.4	91.2	97.7	104.0	109.9	116.3	122.5	127.9	133.2	138.4	143.4
140°	79.4	86.0	92.2	98.0	103.8	110.0	115.7	120.8	125.9	130.9	135.5
142.5°	74.1	80.2	86.0	91.7	97.2	102.9	108.2	113.3	118.4	122.9	127.3
145°	68.8	74.4	79.9	85.3	90.5	95.9	101.0	105.7	110.1	114.2	118.3
147.5°	63.3	68.5	73.8	78.7	83.5	88.4	93.1	97.5	101.4	105.4	109.4
150°	57.1	62.1	66.8	71.5	76.2	80.9	85.1	89.1	92.8	96.5	100.2
152.5°	51.4	55.8	60.1	64.5	68.8	72.9	76.8	80.5	84.0	87.4	90.7
155°	45.7	49.7	53.6	57.4	61.2	64.9	68.3	71.5	74.7	77.9	81.0
157.5°	39.7	43.2	46.8	50.2	53.5	56.6	59.6	62.6	65.6	68.5	71.1
160°	34.0	36.9	39.8	42.6	45.6	48.3	51.0	53.6	56.1	58.7	61.0
162.5°	27.9	30.5	33.0	35.4	37.7	39.9	42.0	44.4	46.8	49.2	51.2
165°	21.7	23.7	25.8	27.9	30.0	32.2	34.3	36.3	38.3	39.8	41.2
167.5°	17.2	18.7	20.2	21.7	23.1	24.6	26.1	27.6	29.0	30.3	31.5
170°	12.8	13.9	15.0	16.1	17.2	18.2	19.1	20.1	20.9	21.8	22.6
172.5°	7.7	7.9	9.0	9.8	10.7	11.5	12.2	13.0	13.7	14.3	14.9
175°	5.7	6.0	6.2	6.5	6.8	7.0	7.3	7.5	7.7	8.0	8.2
177.5°	3.5	3.6	3.8	3.9	4.0	4.2	4.3	4.4	4.5	4.6	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: P232068

CATALOG NUMBER: FVS4WM-3-LD4-30-2STD-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
2.5°	4.8	4.9	5.0	5.0	5.1	5.2	5.2	5.2	5.3	5.3	5.7
5°	8.4	8.6	8.8	9.0	9.1	9.3	9.4	9.5	9.6	9.7	10.5
7.5°	15.5	16.1	16.6	17.1	17.6	18.1	18.5	18.8	19.1	19.4	20.6
10°	23.4	24.1	24.7	25.3	26.0	26.8	27.4	28.1	28.6	29.1	30.6
12.5°	32.6	33.7	34.8	35.7	36.5	37.5	38.4	39.2	40.0	40.6	42.5
15°	42.6	43.8	45.0	46.2	47.3	48.4	49.4	50.5	51.3	52.1	54.5
17.5°	52.9	54.6	56.1	57.6	59.0	60.2	61.3	62.5	63.6	64.5	67.4
20°	63.2	65.3	67.3	69.3	70.7	72.1	73.3	74.6	75.8	76.8	80.3
22.5°	73.5	75.7	78.1	80.3	82.2	83.6	84.9	86.4	87.9	89.2	92.8
25°	83.8	86.4	88.8	91.2	93.4	95.1	96.6	98.1	99.9	101.5	105.1
27.5°	93.8	96.7	99.4	102.0	104.3	106.4	108.1	109.7	111.7	113.4	117.8
30°	103.7	107.0	109.9	112.6	115.1	117.4	119.5	121.4	123.4	125.3	130.5
32.5°	113.2	116.8	120.1	123.0	125.6	128.0	130.2	132.2	134.3	136.4	141.9
35°	122.3	126.1	129.7	133.0	136.1	138.6	140.9	143.0	145.2	147.4	153.3
37.5°	131.4	135.3	139.0	142.6	146.0	148.5	150.8	153.0	155.4	158.0	164.0
40°	139.8	143.8	148.0	151.9	155.4	158.2	160.7	162.9	165.6	168.5	174.6
42.5°	148.3	152.4	156.5	160.6	164.2	167.3	169.8	172.3	175.0	177.8	184.5
45°	155.8	160.4	164.7	168.6	172.6	176.2	178.8	181.6	184.5	187.1	194.4
47.5°	163.3	168.0	172.7	176.7	180.7	184.4	187.0	189.9	192.9	195.9	203.6
50°	170.2	175.0	180.0	184.7	188.9	192.4	195.2	198.1	201.2	204.7	212.7
52.5°	176.9	181.8	186.9	191.7	195.9	199.7	202.8	205.7	208.6	212.2	220.5
55°	182.9	188.3	193.4	198.1	202.5	206.7	210.3	213.3	216.0	219.7	228.3
57.5°	188.8	194.3	199.6	204.3	208.7	213.1	216.6	219.5	222.5	226.3	235.2
60°	193.7	199.6	205.3	210.3	214.9	219.3	222.9	225.7	229.0	232.9	242.0
62.5°	198.4	204.5	210.1	215.4	220.1	224.5	228.3	231.2	234.3	238.7	248.0
65°	202.9	208.7	214.6	220.2	225.1	229.5	233.5	236.8	239.6	244.4	254.0
67.5°	207.0	212.8	218.6	224.3	229.4	233.7	237.9	241.2	243.9	248.8	258.6
70°	210.0	216.4	222.3	228.0	233.5	238.0	242.2	245.5	248.2	253.2	263.1
72.5°	212.7	219.5	225.4	230.9	236.6	241.0	245.2	248.6	251.7	256.3	266.4
75°	215.2	222.1	228.1	233.6	239.4	243.8	248.1	251.7	255.1	259.4	270.0
77.5°	217.3	223.9	229.9	235.7	241.6	246.0	250.7	253.8	257.3	261.6	272.2
80°	219.0	225.3	231.5	237.7	243.6	248.1	253.2	256.0	259.5	263.8	274.4
82.5°	220.0	226.5	232.7	238.9	244.5	249.4	254.2	257.2	260.3	265.2	275.3
85°	220.7	227.6	233.8	240.0	245.4	250.6	255.0	258.5	261.2	266.5	276.2
87.5°	220.7	227.7	234.3	240.0	245.8	250.6	255.5	259.0	261.7	267.0	277.0
90°	220.6	227.6	234.7	240.0	246.2	250.6	255.9	259.4	262.1	267.4	277.9
92.5°	220.7	227.7	234.3	240.0	245.8	250.6	255.5	259.0	261.7	267.0	277.0
95°	220.7	227.6	233.8	240.0	245.4	250.6	255.0	258.5	261.2	266.5	276.2
97.5°	220.0	226.5	232.7	238.9	244.5	249.4	254.2	257.2	260.3	265.2	275.3
100°	219.0	225.3	231.5	237.7	243.6	248.1	253.2	256.0	259.5	263.8	274.4
102.5°	217.3	223.9	229.9	235.7	241.6	246.0	250.7	253.8	257.3	261.6	272.2
105°	215.2	222.1	228.1	233.6	239.4	243.8	248.1	251.7	255.1	259.4	270.0
107.5°	212.7	219.5	225.4	230.9	236.6	241.0	245.2	248.6	251.7	256.3	266.4
110°	210.0	216.4	222.3	228.0	233.5	238.0	242.2	245.5	248.2	253.2	263.1





TEST NUMBER: P232068

CATALOG NUMBER: FVS4WM-3-LD4-30-2STD-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
112.5°	207.0	212.8	218.6	224.3	229.4	233.7	237.9	241.2	243.9	248.8	258.6
115°	202.9	208.7	214.6	220.2	225.1	229.5	233.5	236.8	239.6	244.4	254.0
117.5°	198.4	204.5	210.1	215.4	220.1	224.5	228.3	231.2	234.3	238.7	248.0
120°	193.7	199.6	205.3	210.3	214.9	219.3	222.9	225.7	229.0	232.9	242.0
122.5°	188.8	194.3	199.6	204.3	208.7	213.1	216.6	219.5	222.5	226.3	235.2
125°	182.9	188.3	193.4	198.1	202.5	206.7	210.3	213.3	216.0	219.7	228.3
127.5°	176.9	181.8	186.9	191.7	195.9	199.7	202.8	205.7	208.6	212.2	220.5
130°	170.2	175.0	180.0	184.7	188.9	192.4	195.2	198.1	201.2	204.7	212.7
132.5°	163.3	168.0	172.7	176.7	180.7	184.4	187.0	189.9	192.9	195.9	203.6
135°	155.8	160.4	164.7	168.6	172.6	176.2	178.8	181.6	184.5	187.1	194.4
137.5°	148.3	152.4	156.5	160.6	164.2	167.3	169.8	172.3	175.0	177.8	184.5
140°	139.8	143.8	148.0	151.9	155.4	158.2	160.7	162.9	165.6	168.5	174.6
142.5°	131.4	135.3	139.0	142.6	146.0	148.5	150.8	153.0	155.4	158.0	164.0
145°	122.3	126.1	129.7	133.0	136.1	138.6	140.9	143.0	145.2	147.4	153.3
147.5°	113.2	116.8	120.1	123.0	125.6	128.0	130.2	132.2	134.3	136.4	141.9
150°	103.7	107.0	109.9	112.6	115.1	117.4	119.5	121.4	123.4	125.3	130.5
152.5°	93.8	96.7	99.4	102.0	104.3	106.4	108.1	109.7	111.7	113.4	117.8
155°	83.8	86.4	88.8	91.2	93.4	95.1	96.6	98.1	99.9	101.5	105.1
157.5°	73.5	75.7	78.1	80.3	82.2	83.6	84.9	86.4	87.9	89.2	92.8
160°	63.2	65.3	67.3	69.3	70.7	72.1	73.3	74.6	75.8	76.8	80.3
162.5°	52.9	54.6	56.1	57.6	59.0	60.2	61.3	62.5	63.6	64.5	67.4
165°	42.6	43.8	45.0	46.2	47.3	48.4	49.4	50.5	51.3	52.1	54.5
167.5°	32.6	33.7	34.8	35.7	36.5	37.5	38.4	39.2	40.0	40.6	42.5
170°	23.4	24.1	24.7	25.3	26.0	26.8	27.4	28.1	28.6	29.1	30.6
172.5°	15.5	16.1	16.6	17.1	17.6	18.1	18.5	18.8	19.1	19.4	20.6
175°	8.4	8.6	8.8	9.0	9.1	9.3	9.4	9.5	9.6	9.7	10.5
177.5°	4.8	4.9	5.0	5.0	5.1	5.2	5.2	5.2	5.3	5.3	5.7
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: P232068

CATALOG NUMBER: FVS4WM-3-LD4-30-2STD-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
2.5°	6.1	6.5	6.9	7.3	7.7	8.0	8.4	8.7	9.0	9.3	9.6
5°	11.4	12.2	12.9	13.7	14.4	15.1	15.8	16.4	17.1	17.7	18.2
7.5°	21.7	22.8	23.8	24.7	25.6	26.4	27.5	29.5	31.4	33.2	34.9
10°	32.0	33.4	34.6	35.8	37.3	40.4	43.3	46.1	48.8	51.3	53.7
12.5°	44.4	46.1	47.7	50.0	53.7	57.3	60.7	64.0	67.8	72.1	76.1
15°	56.9	59.0	61.4	65.7	70.0	74.0	78.3	84.4	90.1	95.5	101.3
17.5°	70.2	72.9	77.1	82.2	87.0	92.3	99.5	106.6	113.4	119.8	125.9
20°	83.7	87.0	93.0	98.7	104.5	112.7	120.7	128.5	136.5	144.1	151.2
22.5°	96.2	100.9	107.8	114.4	123.3	132.7	141.7	151.1	160.2	169.3	179.1
25°	108.5	114.8	122.6	131.1	142.2	153.0	163.6	173.8	184.5	196.2	207.4
27.5°	121.9	129.8	138.3	149.0	160.7	172.6	184.6	196.5	210.3	223.7	235.4
30°	135.4	144.9	154.3	166.2	178.8	191.9	205.3	220.1	234.8	248.4	261.1
32.5°	147.9	158.1	168.9	182.1	196.0	211.1	226.7	242.7	258.1	272.4	287.2
35°	160.3	170.9	183.5	197.8	213.8	230.9	247.1	264.0	280.7	297.0	313.7
37.5°	172.0	183.8	198.1	213.4	230.8	248.6	266.8	285.5	305.4	321.6	339.1
40°	183.8	196.8	212.5	229.1	247.0	266.7	286.7	306.6	326.0	344.7	363.8
42.5°	194.8	208.4	225.2	243.3	262.5	284.2	305.9	327.5	347.2	367.3	387.5
45°	205.6	220.0	237.4	257.1	278.1	300.3	324.1	346.6	367.5	388.9	410.0
47.5°	215.9	231.5	249.0	270.4	293.1	316.7	342.0	365.2	387.3	410.7	431.4
50°	226.2	242.7	260.6	283.3	308.0	332.9	357.6	381.5	405.4	428.8	451.9
52.5°	234.4	251.6	271.4	295.3	321.5	347.4	372.6	397.7	423.1	447.1	470.8
55°	242.4	260.3	281.8	307.1	333.7	361.3	387.7	413.3	438.9	464.3	489.3
57.5°	250.0	268.8	291.5	317.6	344.7	374.3	401.5	427.8	454.3	481.2	508.0
60°	257.4	277.1	300.8	327.3	355.1	385.9	413.7	441.7	469.6	496.7	522.0
62.5°	263.7	284.9	309.5	336.6	365.8	396.4	425.3	455.0	484.1	510.5	536.0
65°	269.8	292.7	317.7	345.9	376.0	406.2	436.0	465.3	495.3	523.0	549.1
67.5°	275.0	298.4	324.4	353.9	384.4	415.1	445.6	475.4	505.6	535.0	560.5
70°	280.0	303.7	331.0	361.3	391.9	423.0	454.5	485.2	515.0	544.1	572.0
72.5°	284.1	308.1	335.7	366.7	398.5	430.2	462.0	493.5	523.3	553.4	582.8
75°	288.0	312.2	339.9	371.4	404.8	436.6	468.1	500.7	531.1	560.7	589.7
77.5°	291.1	315.7	343.8	375.9	409.0	441.3	473.5	506.6	537.1	566.5	596.0
80°	294.7	319.0	347.5	380.1	412.3	445.1	478.5	511.0	540.9	571.4	601.0
82.5°	295.6	321.2	351.1	382.3	415.0	447.5	482.1	513.6	544.3	575.0	604.8
85°	296.5	322.1	352.8	384.7	418.1	450.0	486.0	516.2	547.2	577.3	607.2
87.5°	296.9	321.7	352.1	384.7	419.1	450.9	485.8	517.0	548.4	580.0	608.8
90°	297.4	321.2	351.2	384.7	420.0	451.8	485.3	517.9	547.9	581.5	608.8
92.5°	296.9	321.7	352.1	384.7	419.1	450.9	485.8	517.0	548.4	580.0	608.8
95°	296.5	322.1	352.8	384.7	418.1	450.0	486.0	516.2	547.2	577.3	607.2
97.5°	295.6	321.2	351.1	382.3	415.0	447.5	482.1	513.6	544.3	575.0	604.8
100°	294.7	319.0	347.5	380.1	412.3	445.1	478.5	511.0	540.9	571.4	601.0
102.5°	291.1	315.7	343.8	375.9	409.0	441.3	473.5	506.6	537.1	566.5	596.0
105°	288.0	312.2	339.9	371.4	404.8	436.6	468.1	500.7	531.1	560.7	589.7
107.5°	284.1	308.1	335.7	366.7	398.5	430.2	462.0	493.5	523.3	553.4	582.8
110°	280.0	303.7	331.0	361.3	391.9	423.0	454.5	485.2	515.0	544.1	572.0



TEST NUMBER: P232068

CATALOG NUMBER: FVS4WM-3-LD4-30-2STD-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	275.0	298.4	324.4	353.9	384.4	415.1	445.6	475.4	505.6	535.0	560.5
115°	269.8	292.7	317.7	345.9	376.0	406.2	436.0	465.3	495.3	523.0	549.1
117.5°	263.7	284.9	309.5	336.6	365.8	396.4	425.3	455.0	484.1	510.5	536.0
120°	257.4	277.1	300.8	327.3	355.1	385.9	413.7	441.7	469.6	496.7	522.0
122.5°	250.0	268.8	291.5	317.6	344.7	374.3	401.5	427.8	454.3	481.2	508.0
125°	242.4	260.3	281.8	307.1	333.7	361.3	387.7	413.3	438.9	464.3	489.3
127.5°	234.4	251.6	271.4	295.3	321.5	347.4	372.6	397.7	423.1	447.1	470.8
130°	226.2	242.7	260.6	283.3	308.0	332.9	357.6	381.5	405.4	428.8	451.9
132.5°	215.9	231.5	249.0	270.4	293.1	316.7	342.0	365.2	387.3	410.7	431.4
135°	205.6	220.0	237.4	257.1	278.1	300.3	324.1	346.6	367.5	388.9	410.0
137.5°	194.8	208.4	225.2	243.3	262.5	284.2	305.9	327.5	347.2	367.3	387.5
140°	183.8	196.8	212.5	229.1	247.0	266.7	286.7	306.6	326.0	344.7	363.8
142.5°	172.0	183.8	198.1	213.4	230.8	248.6	266.8	285.5	305.4	321.6	339.1
145°	160.3	170.9	183.5	197.8	213.8	230.9	247.1	264.0	280.7	297.0	313.7
147.5°	147.9	158.1	168.9	182.1	196.0	211.1	226.7	242.7	258.1	272.4	287.2
150°	135.4	144.9	154.3	166.2	178.8	191.9	205.3	220.1	234.8	248.4	261.1
152.5°	121.9	129.8	138.3	149.0	160.7	172.6	184.6	196.5	210.3	223.7	235.4
155°	108.5	114.8	122.6	131.1	142.2	153.0	163.6	173.8	184.5	196.2	207.4
157.5°	96.2	100.9	107.8	114.4	123.3	132.7	141.7	151.1	160.2	169.3	179.1
160°	83.7	87.0	93.0	98.7	104.5	112.7	120.7	128.5	136.5	144.1	151.2
162.5°	70.2	72.9	77.1	82.2	87.0	92.3	99.5	106.6	113.4	119.8	125.9
165°	56.9	59.0	61.4	65.7	70.0	74.0	78.3	84.4	90.1	95.5	101.3
167.5°	44.4	46.1	47.7	50.0	53.7	57.3	60.7	64.0	67.8	72.1	76.1
170°	32.0	33.4	34.6	35.8	37.3	40.4	43.3	46.1	48.8	51.3	53.7
172.5°	21.7	22.8	23.8	24.7	25.6	26.4	27.5	29.5	31.4	33.2	34.9
175°	11.4	12.2	12.9	13.7	14.4	15.1	15.8	16.4	17.1	17.7	18.2
177.5°	6.1	6.5	6.9	7.3	7.7	8.0	8.4	8.7	9.0	9.3	9.6
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232068

CATALOG NUMBER: FVS4WM-3-LD4-30-2STD-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
2.5°	9.8	10.1	10.3	10.5	10.7	10.9	11.0	11.2	11.3	11.4	11.4
5°	19.5	20.7	21.8	22.9	24.0	25.0	25.9	26.7	27.5	28.3	28.9
7.5°	36.4	37.9	39.2	40.4	41.7	43.4	44.7	46.9	48.7	50.4	52.0
10°	56.7	59.6	62.5	65.1	67.6	70.0	72.1	74.4	76.8	78.8	80.7
12.5°	79.8	83.2	86.5	90.9	95.1	98.9	102.5	105.7	108.6	111.5	114.3
15°	105.7	110.8	115.7	120.4	125.1	129.9	134.4	138.6	142.6	146.4	150.0
17.5°	131.6	138.1	144.1	150.7	156.9	162.6	168.1	173.5	178.4	182.8	186.9
20°	159.3	167.4	175.0	182.5	189.8	197.2	203.9	210.1	215.5	220.6	225.1
22.5°	188.5	197.8	207.3	216.4	225.1	232.1	238.9	245.3	251.7	257.5	262.4
25°	218.3	229.1	241.3	249.1	257.6	265.7	274.0	281.8	289.2	295.6	300.4
27.5°	246.8	258.5	270.0	280.5	290.4	299.9	310.6	317.2	324.3	330.6	336.5
30°	274.5	288.4	301.4	313.0	324.0	333.6	342.6	351.2	359.3	366.7	374.4
32.5°	302.7	317.4	331.1	344.0	355.0	365.1	375.5	385.2	394.0	401.7	409.3
35°	330.0	345.3	360.0	373.9	386.1	397.2	408.3	418.6	428.2	436.5	443.5
37.5°	356.4	372.9	389.1	403.8	415.8	428.2	440.7	451.6	461.1	471.2	477.1
40°	382.5	399.7	415.9	430.4	444.7	459.6	472.2	482.9	492.9	501.7	509.8
42.5°	406.7	424.9	441.6	457.3	473.0	487.4	500.5	512.5	524.4	533.0	542.4
45°	430.5	449.0	466.9	484.1	499.5	514.4	528.2	541.1	552.6	562.6	571.4
47.5°	452.4	472.2	491.6	509.4	524.8	540.2	555.1	569.3	581.0	590.9	600.0
50°	473.8	494.4	514.2	532.2	548.8	565.0	580.0	594.3	608.0	617.7	627.2
52.5°	493.8	515.3	535.4	554.4	572.1	588.2	603.8	619.3	630.9	642.4	652.9
55°	512.9	534.9	555.9	574.4	593.1	611.4	627.4	641.3	654.1	666.0	676.1
57.5°	529.3	552.4	573.9	594.7	614.1	631.6	648.0	662.9	675.7	687.8	698.9
60°	544.7	570.9	592.2	612.9	632.4	650.3	667.0	682.3	695.9	708.9	720.5
62.5°	561.1	586.1	608.4	629.8	649.6	667.7	684.7	700.8	714.6	727.6	739.5
65°	575.1	600.1	623.1	644.7	665.1	683.8	701.2	717.4	731.7	744.8	757.3
67.5°	586.7	613.2	636.2	658.5	679.4	698.6	716.3	732.3	747.3	760.7	773.2
70°	598.0	625.0	647.9	671.4	692.5	712.0	729.4	745.5	760.9	774.7	787.8
72.5°	608.3	633.8	658.5	682.1	703.3	724.5	742.0	758.1	773.7	787.9	801.0
75°	616.2	642.0	667.4	690.7	712.0	732.7	751.0	768.7	785.2	799.0	811.8
77.5°	622.8	649.2	674.1	697.8	720.0	740.1	759.1	777.0	792.5	807.7	821.3
80°	628.0	654.8	679.5	703.4	726.0	746.2	765.4	783.1	799.5	814.8	828.5
82.5°	632.3	659.0	683.9	707.3	730.7	751.1	769.6	788.0	804.5	819.7	833.8
85°	635.2	661.1	686.9	710.1	732.6	753.5	772.5	790.9	807.0	823.0	836.4
87.5°	636.7	663.4	689.4	712.4	734.7	755.3	774.9	792.8	808.4	824.9	838.1
90°	636.2	664.4	690.0	712.9	735.9	755.3	775.6	794.1	809.1	824.1	837.4
92.5°	636.7	663.4	689.4	712.4	734.7	755.3	774.9	792.8	808.4	824.9	838.1
95°	635.2	661.1	686.9	710.1	732.6	753.5	772.5	790.9	807.0	823.0	836.4
97.5°	632.3	659.0	683.9	707.3	730.7	751.1	769.6	788.0	804.5	819.7	833.8
100°	628.0	654.8	679.5	703.4	726.0	746.2	765.4	783.1	799.5	814.8	828.5
102.5°	622.8	649.2	674.1	697.8	720.0	740.1	759.1	777.0	792.5	807.7	821.3
105°	616.2	642.0	667.4	690.7	712.0	732.7	751.0	768.7	785.2	799.0	811.8
107.5°	608.3	633.8	658.5	682.1	703.3	724.5	742.0	758.1	773.7	787.9	801.0
110°	598.0	625.0	647.9	671.4	692.5	712.0	729.4	745.5	760.9	774.7	787.8



TEST NUMBER: P232068

CATALOG NUMBER: FVS4WM-3-LD4-30-2STD-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
112.5°	586.7	613.2	636.2	658.5	679.4	698.6	716.3	732.3	747.3	760.7	773.2
115°	575.1	600.1	623.1	644.7	665.1	683.8	701.2	717.4	731.7	744.8	757.3
117.5°	561.1	586.1	608.4	629.8	649.6	667.7	684.7	700.8	714.6	727.6	739.5
120°	544.7	570.9	592.2	612.9	632.4	650.3	667.0	682.3	695.9	708.9	720.5
122.5°	529.3	552.4	573.9	594.7	614.1	631.6	648.0	662.9	675.7	687.8	698.9
125°	512.9	534.9	555.9	574.4	593.1	611.4	627.4	641.3	654.1	666.0	676.1
127.5°	493.8	515.3	535.4	554.4	572.1	588.2	603.8	619.3	630.9	642.4	652.9
130°	473.8	494.4	514.2	532.2	548.8	565.0	580.0	594.3	608.0	617.7	627.2
132.5°	452.4	472.2	491.6	509.4	524.8	540.2	555.1	569.3	581.0	590.9	600.0
135°	430.5	449.0	466.9	484.1	499.5	514.4	528.2	541.1	552.6	562.6	571.4
137.5°	406.7	424.9	441.6	457.3	473.0	487.4	500.5	512.5	524.4	533.0	542.4
140°	382.5	399.7	415.9	430.4	444.7	459.6	472.2	482.9	492.9	501.7	509.8
142.5°	356.4	372.9	389.1	403.8	415.8	428.2	440.7	451.6	461.1	471.2	477.1
145°	330.0	345.3	360.0	373.9	386.1	397.2	408.3	418.6	428.2	436.5	443.5
147.5°	302.7	317.4	331.1	344.0	355.0	365.1	375.5	385.2	394.0	401.7	409.3
150°	274.5	288.4	301.4	313.0	324.0	333.6	342.6	351.2	359.3	366.7	374.4
152.5°	246.8	258.5	270.0	280.5	290.4	299.9	310.6	317.2	324.3	330.6	336.5
155°	218.3	229.1	241.3	249.1	257.6	265.7	274.0	281.8	289.2	295.6	300.4
157.5°	188.5	197.8	207.3	216.4	225.1	232.1	238.9	245.3	251.7	257.5	262.4
160°	159.3	167.4	175.0	182.5	189.8	197.2	203.9	210.1	215.5	220.6	225.1
162.5°	131.6	138.1	144.1	150.7	156.9	162.6	168.1	173.5	178.4	182.8	186.9
165°	105.7	110.8	115.7	120.4	125.1	129.9	134.4	138.6	142.6	146.4	150.0
167.5°	79.8	83.2	86.5	90.9	95.1	98.9	102.5	105.7	108.6	111.5	114.3
170°	56.7	59.6	62.5	65.1	67.6	70.0	72.1	74.4	76.8	78.8	80.7
172.5°	36.4	37.9	39.2	40.4	41.7	43.4	44.7	46.9	48.7	50.4	52.0
175°	19.5	20.7	21.8	22.9	24.0	25.0	25.9	26.7	27.5	28.3	28.9
177.5°	9.8	10.1	10.3	10.5	10.7	10.9	11.0	11.2	11.3	11.4	11.4
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232068

CATALOG NUMBER: FVS4WM-3-LD4-30-2STD-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
2.5°	11.5	11.5	11.6	11.5	11.5	11.5	11.7	11.6	11.4	11.2	11.0
5°	29.5	30.1	30.5	30.9	31.2	31.4	31.6	31.7	32.3	31.9	31.6
7.5°	53.3	54.5	55.5	56.4	57.1	57.6	57.9	58.1	58.1	58.6	57.9
10°	82.1	84.2	86.0	87.6	88.9	90.0	90.9	91.5	91.9	93.2	92.4
12.5°	116.8	119.0	120.9	122.7	124.7	126.3	127.5	128.4	128.9	129.0	129.4
15°	153.2	156.0	158.3	160.0	161.3	162.8	164.3	165.5	166.2	166.6	167.4
17.5°	190.6	193.9	196.7	198.9	200.6	201.8	203.0	204.3	205.0	205.1	205.7
20°	229.2	232.7	235.6	238.2	240.4	242.3	243.7	244.9	245.8	246.0	246.8
22.5°	266.3	269.2	272.2	276.3	279.4	281.5	282.5	282.6	283.7	284.5	286.1
25°	305.1	309.7	314.1	317.1	319.3	320.8	321.7	322.0	322.2	322.9	322.9
27.5°	342.1	347.2	351.4	354.5	356.3	358.7	360.1	360.8	360.7	361.8	362.3
30°	379.3	384.2	388.5	391.8	394.2	395.8	397.5	398.3	398.1	398.1	398.1
32.5°	415.5	420.6	424.7	428.6	431.0	432.1	433.1	434.2	434.6	434.5	434.5
35°	449.8	455.3	459.7	462.9	465.3	466.9	467.6	468.7	468.7	467.5	467.9
37.5°	483.6	489.3	494.1	497.8	500.4	502.2	502.8	502.8	502.4	500.9	500.6
40°	517.3	523.8	528.3	531.7	534.1	535.7	536.2	535.4	535.0	534.1	533.3
42.5°	549.8	555.4	560.2	563.5	566.2	568.2	568.2	567.2	566.1	564.8	562.8
45°	579.1	585.3	590.1	593.9	596.9	599.6	598.2	597.3	595.5	594.7	593.0
47.5°	608.2	614.2	619.5	623.7	626.0	626.8	626.6	626.2	624.5	623.2	621.2
50°	634.8	641.5	648.3	652.6	654.9	656.4	656.7	655.3	652.8	650.3	649.0
52.5°	661.0	670.4	676.3	680.1	682.4	683.4	683.8	682.4	680.0	677.4	676.1
55°	684.6	693.8	700.1	704.0	706.5	708.5	709.2	707.8	705.4	702.6	701.1
57.5°	708.8	716.6	722.3	727.6	732.1	733.5	734.0	732.7	729.6	726.4	724.3
60°	729.9	737.7	745.0	750.8	754.9	756.9	757.3	756.4	753.2	749.6	746.4
62.5°	749.1	758.3	766.0	772.2	776.2	777.5	778.7	778.0	774.9	770.9	767.4
65°	767.5	776.7	784.8	790.5	795.6	797.9	798.3	797.5	794.9	790.3	787.0
67.5°	784.8	794.0	801.5	807.5	812.5	815.5	816.3	815.6	813.2	808.6	804.4
70°	798.6	808.6	816.6	823.0	828.0	831.8	832.7	832.0	830.2	825.6	820.0
72.5°	811.9	822.2	830.9	836.2	841.1	844.7	846.5	846.3	844.6	840.1	834.6
75°	823.5	833.5	841.7	847.9	852.9	855.7	857.3	858.2	856.6	853.2	847.4
77.5°	833.1	842.9	850.6	857.1	861.7	864.8	866.5	867.4	866.7	864.4	858.5
80°	840.4	850.6	858.4	865.3	869.8	872.5	874.0	874.4	873.7	872.6	868.1
82.5°	845.9	855.5	863.8	870.5	875.1	877.7	879.3	879.4	878.6	876.9	875.8
85°	848.7	858.6	867.2	873.2	877.8	880.7	882.3	882.6	881.5	880.0	878.1
87.5°	850.6	859.9	868.0	873.5	878.0	881.0	882.2	882.6	881.5	879.8	877.9
90°	850.6	859.4	867.4	873.5	877.1	879.7	880.6	880.6	878.8	875.3	871.8
92.5°	850.6	859.9	868.0	873.5	878.0	881.0	882.2	882.6	881.5	879.8	877.9
95°	848.7	858.6	867.2	873.2	877.8	880.7	882.3	882.6	881.5	880.0	878.1
97.5°	845.9	855.5	863.8	870.5	875.1	877.7	879.3	879.4	878.6	876.9	875.8
100°	840.4	850.6	858.4	865.3	869.8	872.5	874.0	874.4	873.7	872.6	868.1
102.5°	833.1	842.9	850.6	857.1	861.7	864.8	866.5	867.4	866.7	864.4	858.5
105°	823.5	833.5	841.7	847.9	852.9	855.7	857.3	858.2	856.6	853.2	847.4
107.5°	811.9	822.2	830.9	836.2	841.1	844.7	846.5	846.3	844.6	840.1	834.6
110°	798.6	808.6	816.6	823.0	828.0	831.8	832.7	832.0	830.2	825.6	820.0



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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°	784.8	794.0	801.5	807.5	812.5	815.5	816.3	815.6	813.2	808.6	804.4
115°	767.5	776.7	784.8	790.5	795.6	797.9	798.3	797.5	794.9	790.3	787.0
117.5°	749.1	758.3	766.0	772.2	776.2	777.5	778.7	778.0	774.9	770.9	767.4
120°	729.9	737.7	745.0	750.8	754.9	756.9	757.3	756.4	753.2	749.6	746.4
122.5°	708.8	716.6	722.3	727.6	732.1	733.5	734.0	732.7	729.6	726.4	724.3
125°	684.6	693.8	700.1	704.0	706.5	708.5	709.2	707.8	705.4	702.6	701.1
127.5°	661.0	670.4	676.3	680.1	682.4	683.4	683.8	682.4	680.0	677.4	676.1
130°	634.8	641.5	648.3	652.6	654.9	656.4	656.7	655.3	652.8	650.3	649.0
132.5°	608.2	614.2	619.5	623.7	626.0	626.8	626.6	626.2	624.5	623.2	621.2
135°	579.1	585.3	590.1	593.9	596.9	599.6	598.2	597.3	595.5	594.7	593.0
137.5°	549.8	555.4	560.2	563.5	566.2	568.2	568.2	567.2	566.1	564.8	562.8
140°	517.3	523.8	528.3	531.7	534.1	535.7	536.2	535.4	535.0	534.1	533.3
142.5°	483.6	489.3	494.1	497.8	500.4	502.2	502.8	502.8	502.4	500.9	500.6
145°	449.8	455.3	459.7	462.9	465.3	466.9	467.6	468.7	468.7	467.5	467.9
147.5°	415.5	420.6	424.7	428.6	431.0	432.1	433.1	434.2	434.6	434.5	434.5
150°	379.3	384.2	388.5	391.8	394.2	395.8	397.5	398.3	398.1	398.1	398.1
152.5°	342.1	347.2	351.4	354.5	356.3	358.7	360.1	360.8	360.7	361.8	362.3
155°	305.1	309.7	314.1	317.1	319.3	320.8	321.7	322.0	322.2	322.9	322.9
157.5°	266.3	269.2	272.2	276.3	279.4	281.5	282.5	282.6	283.7	284.5	286.1
160°	229.2	232.7	235.6	238.2	240.4	242.3	243.7	244.9	245.8	246.0	246.8
162.5°	190.6	193.9	196.7	198.9	200.6	201.8	203.0	204.3	205.0	205.1	205.7
165°	153.2	156.0	158.3	160.0	161.3	162.8	164.3	165.5	166.2	166.6	167.4
167.5°	116.8	119.0	120.9	122.7	124.7	126.3	127.5	128.4	128.9	129.0	129.4
170°	82.1	84.2	86.0	87.6	88.9	90.0	90.9	91.5	91.9	93.2	92.4
172.5°	53.3	54.5	55.5	56.4	57.1	57.6	57.9	58.1	58.1	58.6	57.9
175°	29.5	30.1	30.5	30.9	31.2	31.4	31.6	31.7	32.3	31.9	31.6
177.5°	11.5	11.5	11.6	11.5	11.5	11.5	11.7	11.6	11.4	11.2	11.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
0°	0.9	0.9
2.5°	10.8	10.6
5°	31.2	30.9
7.5°	57.2	56.5
10°	91.7	90.9
12.5°	128.3	127.1
15°	166.2	165.0
17.5°	203.9	202.1
20°	244.7	242.6
22.5°	284.7	283.2
25°	322.4	320.3
27.5°	362.5	360.9
30°	397.6	395.3
32.5°	434.0	431.5
35°	468.3	466.8
37.5°	501.1	499.4
40°	533.4	531.2
42.5°	562.7	560.3
45°	593.4	591.2
47.5°	622.1	621.2
50°	648.5	645.9
52.5°	675.9	674.1
55°	701.0	699.7
57.5°	724.2	723.5
60°	746.3	744.7
62.5°	765.9	766.8
65°	786.3	786.2
67.5°	803.3	803.8
70°	818.3	819.7
72.5°	832.8	833.8
75°	844.5	847.1
77.5°	854.5	858.5
80°	863.5	866.5
82.5°	870.9	873.5
85°	877.7	877.9
87.5°	878.8	881.5
90°	869.1	877.1
92.5°	878.8	881.5
95°	877.7	877.9
97.5°	870.9	873.5
100°	863.5	866.5
102.5°	854.5	858.5
105°	844.5	847.1
107.5°	832.8	833.8
110°	818.3	819.7





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**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
112.5°	803.3	803.8
115°	786.3	786.2
117.5°	765.9	766.8
120°	746.3	744.7
122.5°	724.2	723.5
125°	701.0	699.7
127.5°	675.9	674.1
130°	648.5	645.9
132.5°	622.1	621.2
135°	593.4	591.2
137.5°	562.7	560.3
140°	533.4	531.2
142.5°	501.1	499.4
145°	468.3	466.8
147.5°	434.0	431.5
150°	397.6	395.3
152.5°	362.5	360.9
155°	322.4	320.3
157.5°	284.7	283.2
160°	244.7	242.6
162.5°	203.9	202.1
165°	166.2	165.0
167.5°	128.3	127.1
170°	91.7	90.9
172.5°	57.2	56.5
175°	31.2	30.9
177.5°	10.8	10.6
180°	0.0	0.0

(END OF REPORT)