

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: P232032

Luminaire Tested: **FVS4WM-3-LD4-30-1STD-PFS125-UNV-EDC1**

Issue Date: 3/3/2020



**Test Information**

Test Method: LM-79-08  
Report Number: P232032  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1706-121-24)  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: FAIL-SAFE  
Catalog Number: FVS4WM-3-LD4-30-1STD-PFS125-UNV-EDC1  
Description: FAILSAFE FVS LED FIXTURE  
3FT LENGTH, 1-MODULE LED WITH PFS125 LENS  
Light Source: (84) 3000K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

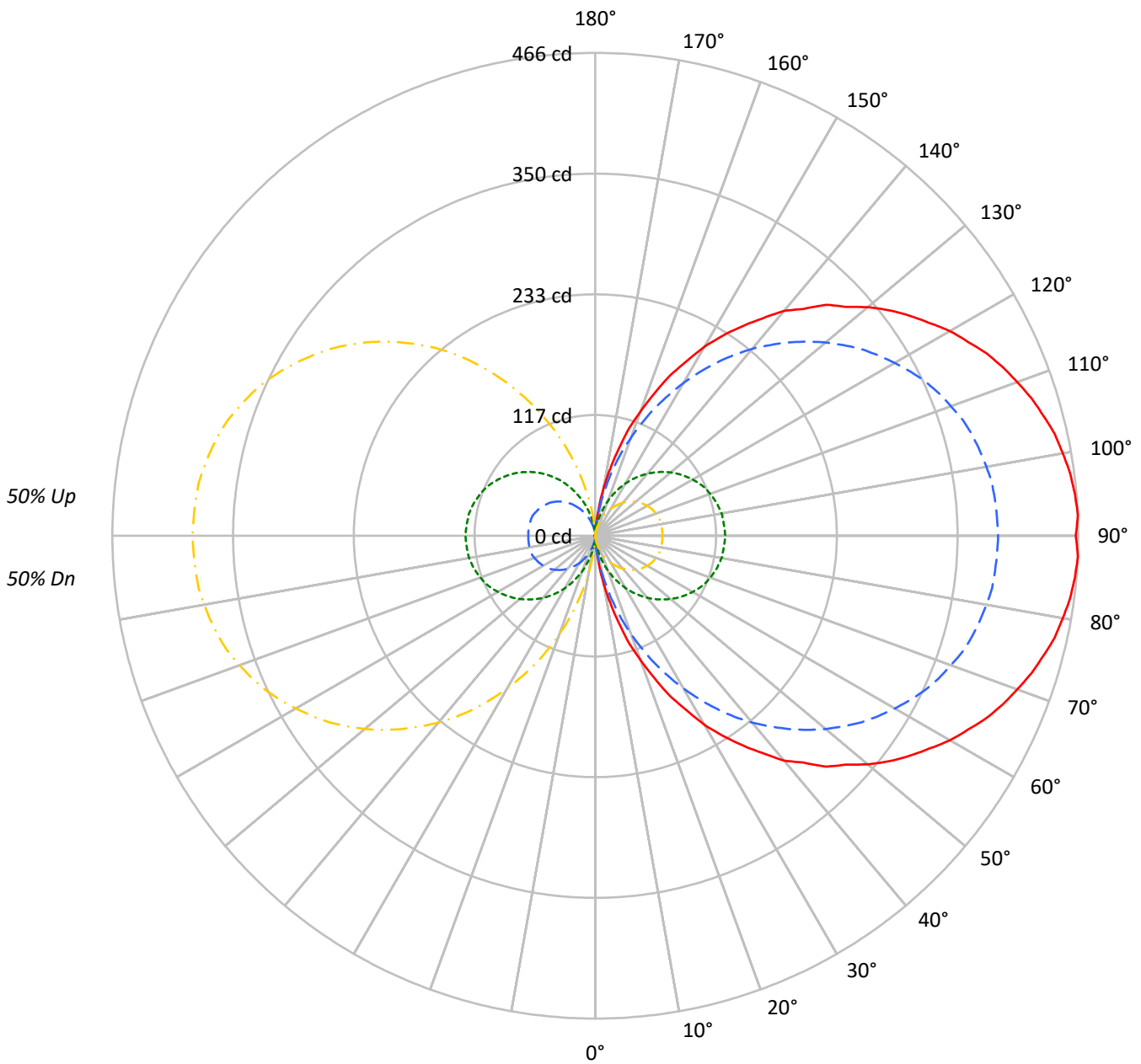
Lumens per Lamp: N/A  
Luminaire Lumens: 1987.4 lumens  
Efficiency: N/A  
Efficacy: 69.7 lumens/watt  
Spacing Criteria (0/90/45): - / - / -  
Luminous Opening: Rectangular w/ Sides (W: 2.92' x L: 0.19' x H: 0.31')  
CIE Type: General Diffuse

Input Watts (W): 28.5  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT

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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	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	72	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	43	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	30	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°	248	78	0	78
10°	740	267	0	267
15°	1214	473	0	473
20°	1665	724	0	724
25°	2087	974	0	974
30°	2439	1246	0	1246
35°	2734	1533	0	1533
40°	3035	1844	0	1844
45°	3290	2187	0	2187
50°	3518	2580	0	2580
55°	3758	3039	0	3039
60°	4001	3603	0	3603
65°	4241	4321	0	4321
70°	4469	5251	8	5251
75°	4714	6590	8	6590
80°	4967	8722	0	8722
85°	5231	12638	0	12638



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	1.1	0.1
10°-20°	11.0	0.6
20°-30°	34.6	1.7
30°-40°	68.9	3.5
40°-50°	108.9	5.5
50°-60°	149.4	7.5
60°-70°	185.0	9.3
70°-80°	211.0	10.6
80°-90°	223.8	11.3
90°-100°	223.8	11.3
100°-110°	211.0	10.6
110°-120°	185.0	9.3
120°-130°	149.4	7.5
130°-140°	108.9	5.5
140°-150°	68.9	3.5
150°-160°	34.6	1.7
160°-170°	11.0	0.6
170°-180°	1.1	0.1
0°-30°	46.7	2.3
0°-40°	115.6	5.8
0°-60°	373.9	18.8
0°-90°	993.7	50.0
90°-120°	619.8	31.2
90°-150°	947.0	47.7
90°-180°	994.0	50.0
0°-180°	1987.4	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	0	0	0	0	0	
5°	14	4	0	4	14	2
15°	86	24	0	24	86	26
25°	171	47	0	47	171	80
35°	247	69	0	69	247	156
45°	315	87	0	87	315	243
55°	370	102	0	102	370	332
65°	416	114	0	114	416	412
75°	448	121	1	121	448	473
85°	464	124	0	124	464	378
90°	464	125	0	125	464	255
95°	464	124	0	124	464	378
105°	448	121	1	121	448	473
115°	416	114	0	114	416	412
125°	370	102	0	102	370	332
135°	315	87	0	87	315	243
145°	247	69	0	69	247	156
155°	171	47	0	47	171	80
165°	86	24	0	24	86	26
175°	14	4	0	4	14	2
180°	0	0	0	0	0	



TEST NUMBER: P232032

CATALOG NUMBER: FVS4WM-3-LD4-30-1STD-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (FULL):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	4.8	4.9	5.0	5.1	5.1	5.2	5.3	5.2	5.2	5.2	5.2
5°	14.4	14.6	14.9	15.1	15.4	15.1	15.1	15.1	15.1	15.0	14.8
7.5°	29.5	29.8	30.1	30.4	30.1	30.0	29.8	29.6	29.3	28.9	28.4
10°	47.9	48.3	48.7	49.2	48.5	48.2	47.9	47.4	46.7	46.0	45.0
12.5°	66.2	66.7	67.3	67.0	66.9	66.6	66.2	65.6	64.8	63.8	62.9
15°	86.2	86.9	87.7	87.4	87.3	86.9	86.3	85.5	84.5	83.5	82.4
17.5°	109.3	109.6	109.8	108.7	108.0	107.1	106.0	105.2	104.5	103.4	102.0
20°	127.7	128.4	129.2	128.5	128.0	127.2	126.5	125.9	124.9	123.7	122.1
22.5°	148.4	149.2	150.1	149.2	148.7	148.0	147.6	146.8	145.8	144.4	142.6
25°	170.8	171.3	171.0	170.5	169.6	169.0	168.4	167.4	166.1	164.5	162.8
27.5°	189.1	190.1	190.3	190.2	189.7	189.4	188.6	187.5	185.8	184.4	182.5
30°	210.6	211.1	210.5	209.8	209.3	208.9	208.1	206.8	205.4	203.5	201.3
32.5°	229.0	229.5	229.0	228.2	228.2	227.9	227.1	226.2	225.0	223.2	220.6
35°	246.6	247.1	246.6	246.0	246.6	246.5	245.8	245.0	243.9	242.1	239.6
37.5°	264.1	264.7	264.1	264.0	264.4	264.4	264.0	263.0	261.4	259.5	257.1
40°	283.3	283.3	282.0	281.7	281.6	281.3	281.2	280.6	279.2	276.8	274.0
42.5°	296.8	297.5	297.1	297.7	297.9	297.8	297.4	296.5	295.4	293.4	290.7
45°	315.2	314.4	312.3	313.4	313.8	313.8	313.3	313.2	311.4	309.5	306.9
47.5°	327.1	327.5	327.0	327.9	328.5	329.0	328.8	328.2	326.9	324.8	321.9
50°	343.1	343.6	342.9	342.9	343.2	343.4	343.4	342.8	341.7	340.2	337.2
52.5°	357.5	357.5	356.9	357.0	357.4	357.6	358.1	357.2	355.7	353.6	351.0
55°	370.2	370.2	369.4	369.4	370.7	371.2	371.3	370.8	369.3	367.1	363.8
57.5°	382.2	382.2	382.2	382.8	383.7	384.3	384.4	384.0	382.6	380.0	377.2
60°	395.0	394.3	393.7	394.5	395.5	396.5	396.5	396.1	394.7	391.9	388.5
62.5°	405.3	404.8	404.3	405.1	406.4	407.8	408.0	407.2	405.6	402.7	398.7
65°	416.5	415.3	414.9	415.9	417.0	418.6	418.3	417.7	415.8	412.7	409.0
67.5°	425.3	424.2	424.4	425.6	427.0	428.2	427.8	426.9	424.9	421.6	417.9
70°	433.3	432.0	432.5	433.8	435.8	436.9	436.4	434.7	432.3	429.3	425.7
72.5°	441.2	439.9	439.7	441.2	442.9	444.1	443.2	442.0	439.5	436.2	432.4
75°	447.6	445.7	446.7	448.3	450.1	449.9	449.0	447.6	445.7	442.1	438.1
77.5°	454.0	451.3	452.7	454.7	455.4	455.2	453.8	452.4	450.4	447.1	443.2
80°	458.0	455.7	457.7	459.1	459.3	458.6	457.7	457.0	454.4	451.0	447.3
82.5°	462.0	459.6	461.9	461.6	461.7	461.8	460.7	459.2	457.0	454.0	450.1
85°	464.4	463.1	463.0	463.1	463.3	463.2	462.4	461.2	459.0	456.2	451.5
87.5°	466.0	464.1	463.0	462.9	463.5	463.5	462.6	460.8	459.0	456.4	452.2
90°	463.6	459.6	459.6	461.2	462.0	462.0	462.0	460.4	458.8	456.4	451.6
92.5°	466.0	464.1	463.0	462.9	463.5	463.5	462.6	460.8	459.0	456.4	452.2
95°	464.4	463.1	463.0	463.1	463.3	463.2	462.4	461.2	459.0	456.2	451.5
97.5°	462.0	459.6	461.9	461.6	461.7	461.8	460.7	459.2	457.0	454.0	450.1
100°	458.0	455.7	457.7	459.1	459.3	458.6	457.7	457.0	454.4	451.0	447.3
102.5°	454.0	451.3	452.7	454.7	455.4	455.2	453.8	452.4	450.4	447.1	443.2
105°	447.6	445.7	446.7	448.3	450.1	449.9	449.0	447.6	445.7	442.1	438.1
107.5°	441.2	439.9	439.7	441.2	442.9	444.1	443.2	442.0	439.5	436.2	432.4
110°	433.3	432.0	432.5	433.8	435.8	436.9	436.4	434.7	432.3	429.3	425.7



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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°	425.3	424.2	424.4	425.6	427.0	428.2	427.8	426.9	424.9	421.6	417.9
115°	416.5	415.3	414.9	415.9	417.0	418.6	418.3	417.7	415.8	412.7	409.0
117.5°	405.3	404.8	404.3	405.1	406.4	407.8	408.0	407.2	405.6	402.7	398.7
120°	395.0	394.3	393.7	394.5	395.5	396.5	396.5	396.1	394.7	391.9	388.5
122.5°	382.2	382.2	382.2	382.8	383.7	384.3	384.4	384.0	382.6	380.0	377.2
125°	370.2	370.2	369.4	369.4	370.7	371.2	371.3	370.8	369.3	367.1	363.8
127.5°	357.5	357.5	356.9	357.0	357.4	357.6	358.1	357.2	355.7	353.6	351.0
130°	343.1	343.6	342.9	342.9	343.2	343.4	343.4	342.8	341.7	340.2	337.2
132.5°	327.1	327.5	327.0	327.9	328.5	329.0	328.8	328.2	326.9	324.8	321.9
135°	315.2	314.4	312.3	313.4	313.8	313.8	313.3	313.2	311.4	309.5	306.9
137.5°	296.8	297.5	297.1	297.7	297.9	297.8	297.4	296.5	295.4	293.4	290.7
140°	283.3	283.3	282.0	281.7	281.6	281.3	281.2	280.6	279.2	276.8	274.0
142.5°	264.1	264.7	264.1	264.0	264.4	264.4	264.0	263.0	261.4	259.5	257.1
145°	246.6	247.1	246.6	246.0	246.6	246.5	245.8	245.0	243.9	242.1	239.6
147.5°	229.0	229.5	229.0	228.2	228.2	227.9	227.1	226.2	225.0	223.2	220.6
150°	210.6	211.1	210.5	209.8	209.3	208.9	208.1	206.8	205.4	203.5	201.3
152.5°	189.1	190.1	190.3	190.2	189.7	189.4	188.6	187.5	185.8	184.4	182.5
155°	170.8	171.3	171.0	170.5	169.6	169.0	168.4	167.4	166.1	164.5	162.8
157.5°	148.4	149.2	150.1	149.2	148.7	148.0	147.6	146.8	145.8	144.4	142.6
160°	127.7	128.4	129.2	128.5	128.0	127.2	126.5	125.9	124.9	123.7	122.1
162.5°	109.3	109.6	109.8	108.7	108.0	107.1	106.0	105.2	104.5	103.4	102.0
165°	86.2	86.9	87.7	87.4	87.3	86.9	86.3	85.5	84.5	83.5	82.4
167.5°	66.2	66.7	67.3	67.0	66.9	66.6	66.2	65.6	64.8	63.8	62.9
170°	47.9	48.3	48.7	49.2	48.5	48.2	47.9	47.4	46.7	46.0	45.0
172.5°	29.5	29.8	30.1	30.4	30.1	30.0	29.8	29.6	29.3	28.9	28.4
175°	14.4	14.6	14.9	15.1	15.4	15.1	15.1	15.1	15.1	15.0	14.8
177.5°	4.8	4.9	5.0	5.1	5.1	5.2	5.3	5.2	5.2	5.2	5.2
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	5.2	5.2	5.1	5.1	5.0	5.0	4.9	4.8	4.7	4.6	4.5
5°	14.6	14.4	14.1	13.8	13.4	13.0	12.5	12.0	11.5	10.9	10.3
7.5°	27.9	27.2	26.5	25.7	24.9	24.0	22.9	22.2	21.2	20.4	19.7
10°	44.0	42.8	41.8	40.7	39.5	38.1	36.9	35.7	34.4	33.0	31.5
12.5°	62.0	60.8	59.5	57.9	56.2	54.4	52.6	50.7	48.7	46.6	44.3
15°	81.0	79.6	78.0	76.1	74.0	71.7	69.2	66.6	64.0	61.5	58.9
17.5°	100.3	98.2	96.1	94.0	91.9	89.5	86.8	83.9	80.8	77.6	74.3
20°	120.2	118.1	115.9	113.3	110.6	107.5	104.4	100.9	97.0	93.2	89.3
22.5°	140.8	138.6	136.0	133.1	129.8	126.3	122.5	118.4	114.2	109.7	105.2
25°	160.7	158.4	155.7	152.7	148.9	144.8	140.4	135.9	131.0	125.9	121.2
27.5°	180.1	177.4	174.5	171.2	167.2	162.8	158.5	152.8	147.8	142.5	136.7
30°	198.8	196.2	193.4	189.4	185.4	181.1	175.8	170.2	164.5	158.6	152.4
32.5°	218.0	215.1	211.8	207.6	203.0	198.2	192.9	187.1	181.0	174.5	167.5
35°	236.7	233.4	229.9	225.9	221.2	215.7	209.9	203.7	197.3	190.3	182.6
37.5°	254.1	250.8	247.1	243.4	237.9	232.7	226.6	220.0	213.1	205.9	197.7
40°	271.3	268.1	264.2	259.5	254.1	248.2	242.2	235.5	227.8	219.9	211.9
42.5°	287.7	284.8	281.0	275.9	271.3	263.9	256.7	249.6	241.8	233.4	224.8
45°	303.5	299.6	295.6	290.9	285.2	279.1	271.7	263.7	255.5	247.0	237.4
47.5°	319.1	315.5	310.7	305.4	299.2	292.3	285.5	277.3	268.6	260.2	250.2
50°	333.9	330.1	325.2	319.6	314.0	305.9	298.3	290.1	281.0	271.5	261.6
52.5°	347.9	343.6	338.6	332.4	325.8	319.1	310.7	302.2	293.6	282.8	272.4
55°	360.4	356.6	351.0	345.0	337.8	330.3	322.2	313.8	304.0	293.7	283.6
57.5°	372.8	367.7	362.5	356.3	349.3	341.5	332.8	323.8	314.2	303.9	292.7
60°	384.7	379.1	373.1	366.9	359.7	351.8	343.1	333.5	323.6	313.0	301.7
62.5°	394.2	389.8	383.4	376.3	369.2	361.5	352.6	342.9	332.5	321.6	309.9
65°	404.0	398.6	392.7	385.1	377.8	369.9	361.2	351.6	340.7	329.0	317.2
67.5°	413.0	407.2	401.0	393.8	385.9	377.4	368.6	358.8	348.1	336.3	323.7
70°	420.8	415.2	409.1	401.2	392.8	384.1	375.1	365.2	354.4	343.1	329.9
72.5°	427.4	422.1	415.5	407.7	399.4	390.8	381.5	371.6	360.1	349.1	336.0
75°	433.4	427.8	421.3	413.3	405.2	396.6	386.5	376.3	365.2	353.8	340.7
77.5°	438.5	432.7	425.9	418.6	410.1	401.0	390.7	380.0	368.9	357.0	343.8
80°	442.3	436.4	429.6	422.1	413.5	403.9	393.6	383.2	371.8	359.9	346.9
82.5°	445.3	439.6	432.7	424.7	415.7	406.0	396.0	386.1	374.3	361.9	349.7
85°	446.7	441.1	434.5	426.3	417.0	407.8	397.6	387.1	375.6	363.5	351.5
87.5°	447.4	442.0	434.9	427.0	418.1	409.3	399.0	388.0	376.3	364.6	352.4
90°	446.8	442.0	434.9	427.7	418.1	409.3	399.0	388.6	375.8	364.6	351.9
92.5°	447.4	442.0	434.9	427.0	418.1	409.3	399.0	388.0	376.3	364.6	352.4
95°	446.7	441.1	434.5	426.3	417.0	407.8	397.6	387.1	375.6	363.5	351.5
97.5°	445.3	439.6	432.7	424.7	415.7	406.0	396.0	386.1	374.3	361.9	349.7
100°	442.3	436.4	429.6	422.1	413.5	403.9	393.6	383.2	371.8	359.9	346.9
102.5°	438.5	432.7	425.9	418.6	410.1	401.0	390.7	380.0	368.9	357.0	343.8
105°	433.4	427.8	421.3	413.3	405.2	396.6	386.5	376.3	365.2	353.8	340.7
107.5°	427.4	422.1	415.5	407.7	399.4	390.8	381.5	371.6	360.1	349.1	336.0
110°	420.8	415.2	409.1	401.2	392.8	384.1	375.1	365.2	354.4	343.1	329.9





TEST NUMBER: P232032

CATALOG NUMBER: FVS4WM-3-LD4-30-1STD-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°	413.0	407.2	401.0	393.8	385.9	377.4	368.6	358.8	348.1	336.3	323.7
115°	404.0	398.6	392.7	385.1	377.8	369.9	361.2	351.6	340.7	329.0	317.2
117.5°	394.2	389.8	383.4	376.3	369.2	361.5	352.6	342.9	332.5	321.6	309.9
120°	384.7	379.1	373.1	366.9	359.7	351.8	343.1	333.5	323.6	313.0	301.7
122.5°	372.8	367.7	362.5	356.3	349.3	341.5	332.8	323.8	314.2	303.9	292.7
125°	360.4	356.6	351.0	345.0	337.8	330.3	322.2	313.8	304.0	293.7	283.6
127.5°	347.9	343.6	338.6	332.4	325.8	319.1	310.7	302.2	293.6	282.8	272.4
130°	333.9	330.1	325.2	319.6	314.0	305.9	298.3	290.1	281.0	271.5	261.6
132.5°	319.1	315.5	310.7	305.4	299.2	292.3	285.5	277.3	268.6	260.2	250.2
135°	303.5	299.6	295.6	290.9	285.2	279.1	271.7	263.7	255.5	247.0	237.4
137.5°	287.7	284.8	281.0	275.9	271.3	263.9	256.7	249.6	241.8	233.4	224.8
140°	271.3	268.1	264.2	259.5	254.1	248.2	242.2	235.5	227.8	219.9	211.9
142.5°	254.1	250.8	247.1	243.4	237.9	232.7	226.6	220.0	213.1	205.9	197.7
145°	236.7	233.4	229.9	225.9	221.2	215.7	209.9	203.7	197.3	190.3	182.6
147.5°	218.0	215.1	211.8	207.6	203.0	198.2	192.9	187.1	181.0	174.5	167.5
150°	198.8	196.2	193.4	189.4	185.4	181.1	175.8	170.2	164.5	158.6	152.4
152.5°	180.1	177.4	174.5	171.2	167.2	162.8	158.5	152.8	147.8	142.5	136.7
155°	160.7	158.4	155.7	152.7	148.9	144.8	140.4	135.9	131.0	125.9	121.2
157.5°	140.8	138.6	136.0	133.1	129.8	126.3	122.5	118.4	114.2	109.7	105.2
160°	120.2	118.1	115.9	113.3	110.6	107.5	104.4	100.9	97.0	93.2	89.3
162.5°	100.3	98.2	96.1	94.0	91.9	89.5	86.8	83.9	80.8	77.6	74.3
165°	81.0	79.6	78.0	76.1	74.0	71.7	69.2	66.6	64.0	61.5	58.9
167.5°	62.0	60.8	59.5	57.9	56.2	54.4	52.6	50.7	48.7	46.6	44.3
170°	44.0	42.8	41.8	40.7	39.5	38.1	36.9	35.7	34.4	33.0	31.5
172.5°	27.9	27.2	26.5	25.7	24.9	24.0	22.9	22.2	21.2	20.4	19.7
175°	14.6	14.4	14.1	13.8	13.4	13.0	12.5	12.0	11.5	10.9	10.3
177.5°	5.2	5.2	5.1	5.1	5.0	5.0	4.9	4.8	4.7	4.6	4.5
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232032

CATALOG NUMBER: FVS4WM-3-LD4-30-1STD-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°	4.4	4.3	4.1	4.0	3.8	3.7	3.5	3.4	3.2	3.0	2.8
5°	9.7	9.0	8.3	8.0	7.7	7.4	7.0	6.7	6.3	6.0	5.6
7.5°	18.8	18.0	17.1	16.1	15.1	14.1	13.0	12.5	12.0	11.6	11.1
10°	29.8	28.1	26.4	25.1	23.8	22.4	21.0	19.6	18.1	17.3	16.6
12.5°	42.3	40.2	38.0	35.6	33.2	31.2	29.5	27.6	25.7	23.8	22.5
15°	56.1	53.1	50.3	47.2	44.4	41.4	38.4	36.0	33.7	31.2	28.6
17.5°	71.4	67.2	63.3	59.3	55.4	52.0	48.4	44.6	41.7	38.9	36.2
20°	85.3	80.9	76.3	72.0	67.5	63.0	58.7	54.2	49.5	46.4	43.5
22.5°	100.5	95.4	89.8	84.1	79.2	74.4	69.4	64.3	59.2	54.4	51.2
25°	115.4	109.9	104.0	97.9	91.8	86.1	80.4	74.5	68.9	63.2	58.9
27.5°	130.7	124.4	117.7	110.7	104.3	97.7	91.0	84.2	77.7	71.6	66.1
30°	145.8	138.8	131.5	124.0	116.6	109.0	101.1	93.5	86.2	79.6	73.4
32.5°	160.0	152.3	144.4	136.5	128.9	120.6	111.7	103.0	94.6	87.1	80.2
35°	174.5	166.0	157.5	148.6	140.0	131.3	122.0	113.1	103.5	94.7	87.1
37.5°	188.7	179.8	170.9	161.3	152.0	141.7	131.9	122.0	112.2	102.4	94.2
40°	202.8	192.8	183.2	173.1	162.3	151.7	141.2	130.9	120.6	110.5	101.4
42.5°	215.7	205.4	194.8	184.0	172.9	161.6	150.5	139.4	128.2	117.5	107.4
45°	227.6	217.5	206.4	195.1	183.6	171.5	159.7	148.1	135.8	124.2	113.2
47.5°	239.2	228.7	217.6	206.7	194.1	181.3	168.2	156.2	143.2	130.7	119.0
50°	250.6	239.5	227.9	215.5	202.9	189.8	175.6	163.2	150.3	137.1	124.8
52.5°	261.6	249.7	237.3	224.5	211.3	197.9	183.3	170.0	157.0	142.8	130.2
55°	272.2	259.9	246.8	233.4	219.8	205.7	191.0	176.7	163.5	148.4	135.4
57.5°	281.2	269.1	256.6	242.3	228.1	213.3	198.1	183.2	169.3	153.9	140.2
60°	289.6	277.4	264.2	249.9	235.2	220.2	204.6	189.7	174.6	159.2	144.9
62.5°	297.4	284.9	271.6	256.9	241.7	226.8	210.5	195.1	179.5	163.7	148.9
65°	304.7	291.6	278.1	263.2	247.3	232.5	216.0	199.8	183.9	167.9	152.7
67.5°	310.9	297.6	283.8	269.0	252.9	237.5	221.0	204.1	187.6	171.6	156.1
70°	316.7	303.1	288.8	274.1	258.3	242.1	225.3	208.1	191.0	174.9	159.4
72.5°	322.4	308.1	293.5	278.6	263.0	246.3	229.0	211.8	194.4	177.8	161.5
75°	326.9	312.6	297.6	282.1	266.5	249.9	231.9	215.2	197.8	180.7	163.1
77.5°	330.4	316.4	301.3	285.2	269.1	252.8	234.7	217.9	199.7	182.7	164.9
80°	332.8	318.4	303.7	287.7	270.9	255.0	237.6	220.2	201.1	184.4	166.6
82.5°	334.8	320.2	305.8	289.9	273.0	256.8	238.7	221.8	202.9	185.5	168.7
85°	336.4	322.1	307.7	291.8	275.2	259.2	239.5	223.4	205.0	186.7	170.0
87.5°	337.5	322.9	308.1	292.8	275.7	258.6	239.8	223.8	204.7	186.7	169.2
90°	337.5	322.4	307.2	292.8	275.3	257.7	240.2	224.2	204.3	186.7	168.4
92.5°	337.5	322.9	308.1	292.8	275.7	258.6	239.8	223.8	204.7	186.7	169.2
95°	336.4	322.1	307.7	291.8	275.2	259.2	239.5	223.4	205.0	186.7	170.0
97.5°	334.8	320.2	305.8	289.9	273.0	256.8	238.7	221.8	202.9	185.5	168.7
100°	332.8	318.4	303.7	287.7	270.9	255.0	237.6	220.2	201.1	184.4	166.6
102.5°	330.4	316.4	301.3	285.2	269.1	252.8	234.7	217.9	199.7	182.7	164.9
105°	326.9	312.6	297.6	282.1	266.5	249.9	231.9	215.2	197.8	180.7	163.1
107.5°	322.4	308.1	293.5	278.6	263.0	246.3	229.0	211.8	194.4	177.8	161.5
110°	316.7	303.1	288.8	274.1	258.3	242.1	225.3	208.1	191.0	174.9	159.4



TEST NUMBER: P232032

CATALOG NUMBER: FVS4WM-3-LD4-30-1STD-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	310.9	297.6	283.8	269.0	252.9	237.5	221.0	204.1	187.6	171.6	156.1
115°	304.7	291.6	278.1	263.2	247.3	232.5	216.0	199.8	183.9	167.9	152.7
117.5°	297.4	284.9	271.6	256.9	241.7	226.8	210.5	195.1	179.5	163.7	148.9
120°	289.6	277.4	264.2	249.9	235.2	220.2	204.6	189.7	174.6	159.2	144.9
122.5°	281.2	269.1	256.6	242.3	228.1	213.3	198.1	183.2	169.3	153.9	140.2
125°	272.2	259.9	246.8	233.4	219.8	205.7	191.0	176.7	163.5	148.4	135.4
127.5°	261.6	249.7	237.3	224.5	211.3	197.9	183.3	170.0	157.0	142.8	130.2
130°	250.6	239.5	227.9	215.5	202.9	189.8	175.6	163.2	150.3	137.1	124.8
132.5°	239.2	228.7	217.6	206.7	194.1	181.3	168.2	156.2	143.2	130.7	119.0
135°	227.6	217.5	206.4	195.1	183.6	171.5	159.7	148.1	135.8	124.2	113.2
137.5°	215.7	205.4	194.8	184.0	172.9	161.6	150.5	139.4	128.2	117.5	107.4
140°	202.8	192.8	183.2	173.1	162.3	151.7	141.2	130.9	120.6	110.5	101.4
142.5°	188.7	179.8	170.9	161.3	152.0	141.7	131.9	122.0	112.2	102.4	94.2
145°	174.5	166.0	157.5	148.6	140.0	131.3	122.0	113.1	103.5	94.7	87.1
147.5°	160.0	152.3	144.4	136.5	128.9	120.6	111.7	103.0	94.6	87.1	80.2
150°	145.8	138.8	131.5	124.0	116.6	109.0	101.1	93.5	86.2	79.6	73.4
152.5°	130.7	124.4	117.7	110.7	104.3	97.7	91.0	84.2	77.7	71.6	66.1
155°	115.4	109.9	104.0	97.9	91.8	86.1	80.4	74.5	68.9	63.2	58.9
157.5°	100.5	95.4	89.8	84.1	79.2	74.4	69.4	64.3	59.2	54.4	51.2
160°	85.3	80.9	76.3	72.0	67.5	63.0	58.7	54.2	49.5	46.4	43.5
162.5°	71.4	67.2	63.3	59.3	55.4	52.0	48.4	44.6	41.7	38.9	36.2
165°	56.1	53.1	50.3	47.2	44.4	41.4	38.4	36.0	33.7	31.2	28.6
167.5°	42.3	40.2	38.0	35.6	33.2	31.2	29.5	27.6	25.7	23.8	22.5
170°	29.8	28.1	26.4	25.1	23.8	22.4	21.0	19.6	18.1	17.3	16.6
172.5°	18.8	18.0	17.1	16.1	15.1	14.1	13.0	12.5	12.0	11.6	11.1
175°	9.7	9.0	8.3	8.0	7.7	7.4	7.0	6.7	6.3	6.0	5.6
177.5°	4.4	4.3	4.1	4.0	3.8	3.7	3.5	3.4	3.2	3.0	2.8
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232032

CATALOG NUMBER: FVS4WM-3-LD4-30-1STD-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°	2.6	2.4	2.2	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9
5°	5.2	4.8	4.4	4.0	4.0	4.0	4.0	3.9	3.9	3.9	3.8
7.5°	10.6	10.0	9.4	8.8	8.7	8.5	8.4	8.2	8.0	7.8	7.5
10°	15.9	15.2	14.4	13.6	13.3	13.0	12.6	12.2	11.8	11.5	11.1
12.5°	21.6	20.7	19.8	18.8	18.5	18.1	17.7	17.3	16.9	16.4	15.9
15°	27.4	26.3	25.1	23.9	23.7	23.4	23.0	22.6	22.1	21.6	21.0
17.5°	33.9	32.6	31.3	29.9	29.5	29.0	28.5	28.0	27.4	26.8	26.1
20°	40.5	39.0	37.5	35.9	35.3	34.6	33.9	33.4	32.8	32.1	31.1
22.5°	47.7	45.3	43.4	41.5	40.8	40.1	39.4	38.8	38.1	37.1	36.0
25°	55.0	51.6	49.4	47.1	46.4	45.6	44.9	44.2	43.4	42.2	40.9
27.5°	61.8	57.6	55.2	52.7	51.9	51.0	50.2	49.3	48.4	47.2	45.9
30°	68.5	63.6	60.9	58.2	57.4	56.5	55.4	54.3	53.4	52.4	51.0
32.5°	74.5	69.2	66.1	63.4	62.5	61.5	60.4	59.3	58.2	57.0	55.6
35°	80.4	74.7	71.3	68.6	67.6	66.6	65.4	64.1	62.8	61.4	59.8
37.5°	86.7	80.6	76.5	73.4	72.4	71.3	70.0	68.7	67.3	65.8	64.1
40°	92.9	86.5	81.7	78.2	77.1	75.9	74.7	73.3	71.8	70.2	68.5
42.5°	98.1	91.5	86.3	82.6	81.5	80.2	79.0	77.5	76.0	74.5	72.6
45°	103.4	96.3	90.9	87.0	85.8	84.5	83.2	81.7	80.2	78.4	76.2
47.5°	109.0	101.1	95.0	91.0	89.8	88.5	87.1	85.6	84.0	82.1	79.7
50°	114.5	105.8	99.2	95.0	93.7	92.4	90.9	89.4	87.8	85.7	83.3
52.5°	119.1	109.8	102.9	98.6	96.9	95.5	94.2	92.8	91.0	88.8	86.5
55°	123.5	113.7	106.6	102.1	100.1	98.6	97.4	96.1	94.0	91.6	89.3
57.5°	127.8	117.4	110.0	105.3	103.2	101.7	100.4	98.9	96.9	94.5	92.1
60°	132.0	121.0	113.3	108.5	106.4	104.8	103.3	101.7	99.8	97.4	95.0
62.5°	135.7	124.1	115.9	111.3	109.1	107.3	105.9	104.2	102.1	99.8	97.2
65°	139.3	127.3	118.4	114.1	111.9	109.7	108.5	106.7	104.3	101.9	99.3
67.5°	142.2	129.7	120.9	116.1	113.9	111.9	110.3	108.5	106.2	103.9	101.1
70°	144.9	132.1	123.3	118.1	115.8	114.2	112.0	110.3	108.1	105.7	102.8
72.5°	147.1	134.0	125.4	119.7	117.4	115.8	113.5	111.8	109.6	107.0	104.2
75°	149.2	135.8	127.7	121.3	119.0	117.4	115.1	113.4	111.1	108.1	105.5
77.5°	150.6	137.1	128.1	122.5	119.8	118.2	116.2	114.2	111.9	109.1	106.4
80°	151.7	138.8	128.5	123.7	120.5	118.9	117.3	115.0	112.6	110.2	107.1
82.5°	152.8	139.6	129.3	124.1	121.3	119.7	117.7	115.7	113.0	110.6	107.4
85°	153.2	140.4	130.1	124.5	122.1	120.5	118.1	116.5	113.3	110.9	107.7
87.5°	153.6	140.0	130.1	124.9	122.1	120.5	118.5	116.5	113.7	111.3	108.1
90°	154.0	139.6	130.1	125.3	122.1	120.5	118.9	116.5	114.1	111.7	108.5
92.5°	153.6	140.0	130.1	124.9	122.1	120.5	118.5	116.5	113.7	111.3	108.1
95°	153.2	140.4	130.1	124.5	122.1	120.5	118.1	116.5	113.3	110.9	107.7
97.5°	152.8	139.6	129.3	124.1	121.3	119.7	117.7	115.7	113.0	110.6	107.4
100°	151.7	138.8	128.5	123.7	120.5	118.9	117.3	115.0	112.6	110.2	107.1
102.5°	150.6	137.1	128.1	122.5	119.8	118.2	116.2	114.2	111.9	109.1	106.4
105°	149.2	135.8	127.7	121.3	119.0	117.4	115.1	113.4	111.1	108.1	105.5
107.5°	147.1	134.0	125.4	119.7	117.4	115.8	113.5	111.8	109.6	107.0	104.2
110°	144.9	132.1	123.3	118.1	115.8	114.2	112.0	110.3	108.1	105.7	102.8



TEST NUMBER: P232032

CATALOG NUMBER: FVS4WM-3-LD4-30-1STD-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°	142.2	129.7	120.9	116.1	113.9	111.9	110.3	108.5	106.2	103.9	101.1
115°	139.3	127.3	118.4	114.1	111.9	109.7	108.5	106.7	104.3	101.9	99.3
117.5°	135.7	124.1	115.9	111.3	109.1	107.3	105.9	104.2	102.1	99.8	97.2
120°	132.0	121.0	113.3	108.5	106.4	104.8	103.3	101.7	99.8	97.4	95.0
122.5°	127.8	117.4	110.0	105.3	103.2	101.7	100.4	98.9	96.9	94.5	92.1
125°	123.5	113.7	106.6	102.1	100.1	98.6	97.4	96.1	94.0	91.6	89.3
127.5°	119.1	109.8	102.9	98.6	96.9	95.5	94.2	92.8	91.0	88.8	86.5
130°	114.5	105.8	99.2	95.0	93.7	92.4	90.9	89.4	87.8	85.7	83.3
132.5°	109.0	101.1	95.0	91.0	89.8	88.5	87.1	85.6	84.0	82.1	79.7
135°	103.4	96.3	90.9	87.0	85.8	84.5	83.2	81.7	80.2	78.4	76.2
137.5°	98.1	91.5	86.3	82.6	81.5	80.2	79.0	77.5	76.0	74.5	72.6
140°	92.9	86.5	81.7	78.2	77.1	75.9	74.7	73.3	71.8	70.2	68.5
142.5°	86.7	80.6	76.5	73.4	72.4	71.3	70.0	68.7	67.3	65.8	64.1
145°	80.4	74.7	71.3	68.6	67.6	66.6	65.4	64.1	62.8	61.4	59.8
147.5°	74.5	69.2	66.1	63.4	62.5	61.5	60.4	59.3	58.2	57.0	55.6
150°	68.5	63.6	60.9	58.2	57.4	56.5	55.4	54.3	53.4	52.4	51.0
152.5°	61.8	57.6	55.2	52.7	51.9	51.0	50.2	49.3	48.4	47.2	45.9
155°	55.0	51.6	49.4	47.1	46.4	45.6	44.9	44.2	43.4	42.2	40.9
157.5°	47.7	45.3	43.4	41.5	40.8	40.1	39.4	38.8	38.1	37.1	36.0
160°	40.5	39.0	37.5	35.9	35.3	34.6	33.9	33.4	32.8	32.1	31.1
162.5°	33.9	32.6	31.3	29.9	29.5	29.0	28.5	28.0	27.4	26.8	26.1
165°	27.4	26.3	25.1	23.9	23.7	23.4	23.0	22.6	22.1	21.6	21.0
167.5°	21.6	20.7	19.8	18.8	18.5	18.1	17.7	17.3	16.9	16.4	15.9
170°	15.9	15.2	14.4	13.6	13.3	13.0	12.6	12.2	11.8	11.5	11.1
172.5°	10.6	10.0	9.4	8.8	8.7	8.5	8.4	8.2	8.0	7.8	7.5
175°	5.2	4.8	4.4	4.0	4.0	4.0	4.0	3.9	3.9	3.9	3.8
177.5°	2.6	2.4	2.2	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9
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: P232032

CATALOG NUMBER: FVS4WM-3-LD4-30-1STD-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°	1.9	1.8	1.8	1.8	1.7	1.7	1.6	1.6	1.5	1.5	1.4
5°	3.8	3.7	3.6	3.5	3.5	3.3	3.2	3.0	2.9	2.7	2.6
7.5°	7.3	7.0	6.7	6.4	6.0	5.7	5.3	4.9	4.5	4.1	3.7
10°	10.8	10.4	10.0	9.6	9.1	8.7	8.4	7.9	7.5	7.1	6.6
12.5°	15.4	14.8	14.2	13.6	13.1	12.4	11.8	11.2	10.5	9.8	9.1
15°	20.4	19.7	19.0	18.3	17.5	16.6	15.6	14.6	13.6	12.6	11.6
17.5°	25.3	24.4	23.5	22.5	21.4	20.1	19.0	17.9	16.8	15.7	14.6
20°	30.0	29.0	27.9	26.8	25.6	24.3	22.9	21.6	20.2	18.9	17.7
22.5°	34.7	33.7	32.5	31.3	29.9	28.3	26.8	25.4	24.0	22.5	20.8
25°	39.7	38.3	37.0	35.6	34.1	32.5	31.0	29.4	27.5	25.7	23.8
27.5°	44.5	43.0	41.7	40.3	38.6	36.8	34.9	32.9	30.9	28.9	27.0
30°	49.4	47.9	46.3	44.6	42.7	40.7	38.7	36.6	34.4	32.3	30.1
32.5°	54.0	52.4	50.7	48.8	46.8	44.7	42.5	40.1	37.7	35.4	33.0
35°	58.2	56.5	54.7	52.7	50.7	48.5	45.9	43.4	41.0	38.5	36.0
37.5°	62.4	60.6	58.7	56.4	54.1	51.8	49.3	46.8	44.3	41.8	39.0
40°	66.7	64.5	62.4	60.0	57.7	55.4	52.6	50.0	47.5	44.7	41.5
42.5°	70.5	68.2	66.2	63.9	61.3	58.6	55.8	53.2	50.4	47.3	44.2
45°	73.9	71.7	69.8	67.2	64.6	61.8	58.9	56.1	53.1	49.9	46.7
47.5°	77.3	75.3	73.1	70.4	67.6	64.7	61.6	58.7	55.8	52.5	48.9
50°	80.8	78.5	76.0	73.3	70.6	67.3	64.2	61.2	57.9	54.5	51.0
52.5°	84.1	81.6	79.0	75.9	72.9	69.8	66.7	63.3	59.9	56.7	53.1
55°	86.8	84.3	81.6	78.3	75.5	72.4	68.9	65.3	62.2	58.6	54.9
57.5°	89.5	87.0	84.1	80.9	78.1	74.7	71.1	67.6	64.3	60.1	56.3
60°	92.0	89.4	86.3	83.2	80.2	76.9	73.5	69.4	65.6	61.6	57.8
62.5°	94.2	91.7	88.5	85.2	81.9	78.6	74.9	70.8	67.3	63.1	59.2
65°	96.3	93.7	90.5	87.1	83.7	80.2	76.4	72.5	68.7	64.4	60.5
67.5°	98.2	95.5	92.3	89.0	85.7	81.6	77.9	74.1	70.0	65.7	61.5
70°	100.0	97.1	93.7	90.2	86.8	82.8	79.5	75.4	71.2	66.9	62.6
72.5°	101.4	98.5	95.0	91.4	87.8	84.0	80.5	76.3	72.1	67.7	63.6
75°	102.5	99.4	96.0	92.4	88.8	85.1	81.3	77.1	72.8	68.2	63.9
77.5°	103.3	100.1	96.9	93.2	89.8	86.1	82.0	77.6	73.1	68.7	64.2
80°	103.9	100.7	97.5	93.7	90.4	86.5	82.1	77.8	73.6	69.0	64.6
82.5°	104.6	101.1	97.9	94.0	90.8	86.9	82.2	78.1	74.1	69.4	64.6
85°	105.3	101.4	98.1	94.3	91.0	87.1	82.3	78.3	74.2	69.5	64.7
87.5°	105.3	101.3	98.1	94.6	91.0	87.1	82.3	78.3	74.2	69.5	64.7
90°	105.3	101.3	98.1	95.0	91.0	87.0	83.0	78.2	74.2	69.4	64.6
92.5°	105.3	101.3	98.1	94.6	91.0	87.1	82.6	78.3	74.3	69.5	64.7
95°	105.3	101.4	98.1	94.3	91.0	87.1	82.3	78.3	74.2	69.5	64.7
97.5°	104.6	101.1	97.9	94.0	90.8	86.9	82.2	78.1	74.1	69.4	64.6
100°	103.9	100.7	97.5	93.7	90.4	86.5	82.1	77.8	73.6	69.0	64.6
102.5°	103.3	100.1	96.9	93.2	89.8	86.1	82.0	77.6	73.1	68.7	64.2
105°	102.5	99.4	96.0	92.4	88.8	85.1	81.3	77.1	72.8	68.2	63.9
107.5°	101.4	98.5	95.0	91.4	87.8	84.0	80.5	76.3	72.1	67.7	63.6
110°	100.0	97.1	93.7	90.2	86.8	82.8	79.5	75.4	71.2	66.9	62.6



TEST NUMBER: P232032

CATALOG NUMBER: FVS4WM-3-LD4-30-1STD-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	98.2	95.5	92.3	89.0	85.7	81.6	77.9	74.1	70.0	65.7	61.5
115°	96.3	93.7	90.5	87.1	83.7	80.2	76.4	72.5	68.7	64.4	60.5
117.5°	94.2	91.7	88.5	85.2	81.9	78.6	74.9	70.8	67.3	63.1	59.2
120°	92.0	89.4	86.3	83.2	80.2	76.9	73.5	69.4	65.6	61.6	57.8
122.5°	89.5	87.0	84.1	80.9	78.1	74.7	71.1	67.6	64.3	60.1	56.3
125°	86.8	84.3	81.6	78.3	75.5	72.4	68.9	65.3	62.2	58.6	54.9
127.5°	84.1	81.6	79.0	75.9	72.9	69.8	66.7	63.3	59.9	56.7	53.1
130°	80.8	78.5	76.0	73.3	70.6	67.3	64.2	61.2	57.9	54.5	51.0
132.5°	77.3	75.3	73.1	70.4	67.6	64.7	61.6	58.7	55.8	52.5	48.9
135°	73.9	71.7	69.8	67.2	64.6	61.8	58.9	56.1	53.1	49.9	46.7
137.5°	70.5	68.2	66.2	63.9	61.3	58.6	55.8	53.2	50.4	47.3	44.2
140°	66.7	64.5	62.4	60.0	57.7	55.4	52.6	50.0	47.5	44.7	41.5
142.5°	62.4	60.6	58.7	56.4	54.1	51.8	49.3	46.8	44.3	41.8	39.0
145°	58.2	56.5	54.7	52.7	50.7	48.5	45.9	43.4	41.0	38.5	36.0
147.5°	54.0	52.4	50.7	48.8	46.8	44.7	42.5	40.1	37.7	35.4	33.0
150°	49.4	47.9	46.3	44.6	42.7	40.7	38.7	36.6	34.4	32.3	30.1
152.5°	44.5	43.0	41.7	40.3	38.6	36.8	34.9	32.9	30.9	28.9	27.0
155°	39.7	38.3	37.0	35.6	34.1	32.5	31.0	29.4	27.5	25.7	23.8
157.5°	34.7	33.7	32.5	31.3	29.9	28.3	26.8	25.4	24.0	22.5	20.8
160°	30.0	29.0	27.9	26.8	25.6	24.3	22.9	21.6	20.2	18.9	17.7
162.5°	25.3	24.4	23.5	22.5	21.4	20.1	19.0	17.9	16.8	15.7	14.6
165°	20.4	19.7	19.0	18.3	17.5	16.6	15.6	14.6	13.6	12.6	11.6
167.5°	15.4	14.8	14.2	13.6	13.1	12.4	11.8	11.2	10.5	9.8	9.1
170°	10.8	10.4	10.0	9.6	9.1	8.7	8.4	7.9	7.5	7.1	6.6
172.5°	7.3	7.0	6.7	6.4	6.0	5.7	5.3	4.9	4.5	4.1	3.7
175°	3.8	3.7	3.6	3.5	3.5	3.3	3.2	3.0	2.9	2.7	2.6
177.5°	1.9	1.8	1.8	1.8	1.7	1.7	1.6	1.6	1.5	1.5	1.4
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: P232032

CATALOG NUMBER: FVS4WM-3-LD4-30-1STD-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°	1.4	1.3	1.2	1.1	1.1	1.0	0.9	0.8	0.8	0.7	0.6
5°	2.4	2.3	2.2	2.0	1.9	1.7	1.6	1.4	1.3	1.1	1.0
7.5°	3.2	3.1	2.9	2.8	2.6	2.4	2.2	2.0	1.8	1.7	1.5
10°	6.1	5.5	5.0	4.4	3.8	3.2	3.0	2.7	2.5	2.2	1.9
12.5°	8.5	7.8	7.1	6.4	5.6	4.9	4.1	3.3	2.6	2.3	2.0
15°	10.6	9.6	8.7	7.9	7.0	6.2	5.4	4.5	3.6	2.7	2.2
17.5°	13.4	12.3	11.2	10.1	9.0	8.1	7.0	5.9	4.7	3.6	2.5
20°	16.4	15.1	13.8	12.3	10.9	9.4	8.1	6.9	5.6	4.5	3.3
22.5°	19.2	17.6	16.1	14.5	12.9	11.2	9.5	7.8	6.5	5.3	4.1
25°	22.1	20.4	18.5	16.7	14.9	13.0	11.1	9.2	7.4	6.1	4.9
27.5°	25.1	23.1	21.0	18.9	17.0	15.0	13.0	11.1	9.1	7.0	5.6
30°	27.8	25.4	23.3	21.2	19.1	16.7	14.2	12.1	9.9	7.9	5.9
32.5°	30.6	28.2	25.9	23.2	20.7	18.1	15.6	13.1	11.0	8.8	6.6
35°	33.3	30.7	28.0	25.3	22.5	19.7	17.2	14.7	12.2	9.8	7.4
37.5°	36.0	33.1	30.2	27.4	24.5	21.7	19.0	16.2	13.5	10.9	8.4
40°	38.6	35.7	32.6	29.5	26.5	23.5	20.4	17.3	14.3	11.3	8.6
42.5°	41.2	38.0	34.6	31.4	28.2	24.9	21.5	18.3	15.2	12.2	9.2
45°	43.4	40.0	36.5	33.0	29.8	26.2	22.7	19.4	16.0	12.7	9.5
47.5°	45.5	42.1	38.6	35.1	31.5	27.8	24.2	20.7	17.0	13.4	10.1
50°	47.6	44.0	40.4	36.5	32.6	29.0	25.3	21.5	17.8	14.0	10.5
52.5°	49.4	45.5	41.6	37.7	34.0	30.2	26.3	22.3	18.2	14.3	10.8
55°	51.0	47.0	43.0	39.4	35.4	31.5	27.2	23.0	18.6	14.5	11.0
57.5°	52.5	48.7	44.6	40.6	36.4	32.1	27.8	23.3	19.0	15.2	11.3
60°	54.1	49.8	45.8	41.9	37.5	33.0	28.5	23.7	19.4	15.4	11.5
62.5°	55.2	50.8	46.9	42.6	38.4	33.7	28.8	24.1	19.6	15.3	11.7
65°	56.3	51.9	47.6	43.2	39.2	34.3	29.2	24.5	19.6	15.3	11.6
67.5°	57.1	52.9	48.3	43.8	39.5	35.1	30.1	24.6	19.7	15.4	11.6
70°	58.1	53.7	49.3	44.6	39.8	35.3	30.2	24.8	19.6	15.1	11.1
72.5°	58.8	54.5	49.8	45.1	40.4	35.7	30.3	24.8	19.8	15.2	11.3
75°	59.2	55.0	50.1	45.8	40.3	36.0	30.9	25.1	19.6	15.0	10.5
77.5°	59.7	55.3	50.4	45.5	40.4	35.8	30.8	25.5	19.6	14.5	10.2
80°	60.1	55.3	50.5	45.6	40.7	35.7	30.7	25.6	19.9	14.5	9.7
82.5°	59.9	55.1	50.4	45.6	40.6	35.4	30.3	25.5	20.4	14.7	9.8
85°	59.9	55.1	50.3	45.3	40.0	35.0	30.2	24.9	20.1	15.0	9.4
87.5°	59.9	55.2	50.4	44.9	40.1	35.3	30.4	24.8	19.4	14.7	9.9
90°	59.8	55.1	50.3	44.7	39.9	35.1	29.5	23.9	19.1	14.4	8.8
92.5°	59.9	55.2	50.4	44.9	40.1	35.3	30.4	24.8	19.4	14.7	9.9
95°	59.9	55.1	50.3	45.3	40.0	35.0	30.2	24.9	20.1	15.0	9.4
97.5°	59.9	55.1	50.4	45.6	40.6	35.4	30.3	25.5	20.4	14.7	9.8
100°	60.1	55.3	50.5	45.6	40.7	35.7	30.7	25.6	19.9	14.5	9.7
102.5°	59.7	55.3	50.4	45.5	40.4	35.8	30.8	25.5	19.6	14.5	10.2
105°	59.2	55.0	50.1	45.8	40.3	36.0	30.9	25.1	19.6	15.0	10.5
107.5°	58.8	54.5	49.8	45.1	40.4	35.7	30.3	24.8	19.8	15.2	11.3
110°	58.1	53.7	49.3	44.6	39.8	35.3	30.2	24.8	19.6	15.1	11.1





TEST NUMBER: P232032

CATALOG NUMBER: FVS4WM-3-LD4-30-1STD-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°	57.1	52.9	48.3	43.8	39.5	35.1	30.1	24.6	19.7	15.4	11.6
115°	56.3	51.9	47.6	43.2	39.2	34.3	29.2	24.5	19.6	15.3	11.6
117.5°	55.2	50.8	46.9	42.6	38.4	33.7	28.8	24.1	19.6	15.3	11.7
120°	54.1	49.8	45.8	41.9	37.5	33.0	28.5	23.7	19.4	15.4	11.5
122.5°	52.5	48.7	44.6	40.6	36.4	32.1	27.8	23.3	19.0	15.2	11.3
125°	51.0	47.0	43.0	39.4	35.4	31.5	27.2	23.0	18.6	14.5	11.0
127.5°	49.4	45.5	41.6	37.7	34.0	30.2	26.3	22.3	18.2	14.3	10.8
130°	47.6	44.0	40.4	36.5	32.6	29.0	25.3	21.5	17.8	14.0	10.5
132.5°	45.5	42.1	38.6	35.1	31.5	27.8	24.2	20.7	17.0	13.4	10.1
135°	43.4	40.0	36.5	33.0	29.8	26.2	22.7	19.4	16.0	12.7	9.5
137.5°	41.2	38.0	34.6	31.4	28.2	24.9	21.5	18.3	15.2	12.2	9.2
140°	38.6	35.7	32.6	29.5	26.5	23.5	20.4	17.3	14.3	11.3	8.6
142.5°	36.0	33.1	30.2	27.4	24.5	21.7	19.0	16.2	13.5	10.9	8.4
145°	33.3	30.7	28.0	25.3	22.5	19.7	17.2	14.7	12.2	9.8	7.4
147.5°	30.6	28.2	25.9	23.2	20.7	18.1	15.6	13.1	11.0	8.8	6.6
150°	27.8	25.4	23.3	21.2	19.1	16.7	14.2	12.1	9.9	7.9	5.9
152.5°	25.1	23.1	21.0	18.9	17.0	15.0	13.0	11.1	9.1	7.0	5.6
155°	22.1	20.4	18.5	16.7	14.9	13.0	11.1	9.2	7.4	6.1	4.9
157.5°	19.2	17.6	16.1	14.5	12.9	11.2	9.5	7.8	6.5	5.3	4.1
160°	16.4	15.1	13.7	12.3	10.9	9.4	8.1	6.9	5.6	4.5	3.3
162.5°	13.4	12.3	11.2	10.1	9.0	8.1	7.0	5.9	4.7	3.6	2.5
165°	10.6	9.6	8.7	7.9	7.0	6.2	5.4	4.5	3.6	2.7	2.2
167.5°	8.5	7.8	7.1	6.4	5.6	4.9	4.1	3.3	2.6	2.3	2.0
170°	6.1	5.5	5.0	4.4	3.8	3.2	3.0	2.7	2.5	2.2	1.9
172.5°	3.2	3.1	2.9	2.8	2.6	2.4	2.2	2.0	1.8	1.7	1.5
175°	2.4	2.3	2.2	2.0	1.9	1.7	1.6	1.4	1.3	1.1	1.0
177.5°	1.4	1.3	1.2	1.1	1.1	1.0	0.9	0.8	0.8	0.7	0.6
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: P232032

CATALOG NUMBER: FVS4WM-3-LD4-30-1STD-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°	0.5	0.4	0.3	0.3	0.2	0.1	0.0	0.1	0.2	0.3	0.3
5°	0.8	0.7	0.6	0.4	0.3	0.1	0.0	0.1	0.3	0.4	0.6
7.5°	1.2	1.0	0.8	0.6	0.4	0.2	0.0	0.2	0.4	0.6	0.8
10°	1.7	1.4	1.1	0.8	0.6	0.3	0.0	0.3	0.6	0.8	1.1
12.5°	1.7	1.4	1.1	0.8	0.5	0.3	0.0	0.3	0.5	0.8	1.1
15°	1.9	1.6	1.3	1.0	0.6	0.3	0.0	0.3	0.6	1.0	1.3
17.5°	1.7	1.4	1.1	0.8	0.5	0.3	0.0	0.3	0.5	0.8	1.1
20°	2.1	1.4	1.2	0.9	0.6	0.3	0.0	0.3	0.6	0.9	1.2
22.5°	2.9	1.7	1.3	1.0	0.7	0.3	0.0	0.3	0.7	1.0	1.3
25°	3.7	2.5	1.5	1.1	0.7	0.4	0.0	0.4	0.7	1.1	1.5
27.5°	4.1	2.6	1.1	0.7	0.4	0.2	0.0	0.2	0.4	0.7	1.1
30°	4.4	2.9	1.5	0.7	0.5	0.2	0.0	0.2	0.5	0.7	1.5
32.5°	4.6	3.2	1.9	0.8	0.5	0.3	0.0	0.3	0.5	0.8	1.9
35°	5.2	3.7	2.3	1.0	0.6	0.3	0.0	0.3	0.6	1.0	2.3
37.5°	6.0	3.9	2.6	1.3	0.6	0.3	0.0	0.3	0.6	1.3	2.6
40°	6.2	3.9	2.5	1.4	0.7	0.3	0.0	0.3	0.7	1.4	2.5
42.5°	6.6	4.1	2.2	1.0	0.1	0.0	0.0	0.0	0.1	1.0	2.2
45°	6.6	4.4	2.3	1.2	0.0	0.0	0.0	0.0	0.0	1.2	2.3
47.5°	7.1	4.7	2.5	1.1	0.1	0.0	0.0	0.0	0.1	1.1	2.5
50°	7.6	4.9	2.8	1.2	0.3	0.0	0.0	0.0	0.3	1.2	2.8
52.5°	7.7	4.9	2.7	0.9	0.3	0.0	0.0	0.0	0.3	0.9	2.7
55°	7.6	4.7	2.4	1.0	0.3	0.0	0.0	0.0	0.3	1.0	2.4
57.5°	7.6	4.7	2.2	1.1	0.4	0.0	0.0	0.0	0.4	1.1	2.2
60°	7.9	5.0	2.5	1.0	0.1	0.0	0.0	0.0	0.1	1.0	2.5
62.5°	8.1	4.9	2.4	0.9	0.0	0.0	0.0	0.0	0.0	0.9	2.4
65°	8.0	4.9	2.4	0.9	0.1	0.0	0.0	0.0	0.1	0.9	2.4
67.5°	8.0	4.8	2.3	1.0	0.3	0.0	0.8	0.0	0.3	1.0	2.3
70°	8.0	4.9	2.5	0.8	0.1	0.0	0.8	0.0	0.1	0.8	2.5
72.5°	7.4	4.4	2.3	0.9	0.0	0.3	0.8	0.3	0.0	0.9	2.3
75°	7.1	4.1	2.2	0.7	0.0	0.1	0.8	0.1	0.0	0.7	2.2
77.5°	7.1	4.0	1.9	0.7	0.0	0.0	0.0	0.0	0.0	0.7	1.9
80°	6.3	3.4	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
82.5°	5.7	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	4.9	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	5.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	4.9	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	5.7	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	6.3	3.4	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
102.5°	7.1	4.0	1.9	0.7	0.0	0.0	0.0	0.0	0.0	0.7	1.9
105°	7.1	4.1	2.2	0.7	0.0	0.1	0.8	0.1	0.0	0.7	2.2
107.5°	7.4	4.4	2.3	0.9	0.0	0.3	0.8	0.3	0.0	0.9	2.3
110°	8.0	4.9	2.5	0.8	0.1	0.0	0.8	0.0	0.1	0.8	2.5



TEST NUMBER: P232032

CATALOG NUMBER: FVS4WM-3-LD4-30-1STD-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	8.0	4.8	2.3	1.0	0.3	0.0	0.8	0.0	0.3	1.0	2.3
115°	8.0	4.9	2.4	0.9	0.1	0.0	0.0	0.0	0.1	0.9	2.4
117.5°	8.1	4.9	2.4	0.9	0.0	0.0	0.0	0.0	0.0	0.9	2.4
120°	7.9	5.0	2.5	1.0	0.1	0.0	0.0	0.0	0.1	1.0	2.5
122.5°	7.6	4.7	2.2	1.1	0.4	0.0	0.0	0.0	0.4	1.1	2.2
125°	7.6	4.7	2.4	1.0	0.3	0.0	0.0	0.0	0.3	1.0	2.4
127.5°	7.7	4.9	2.7	0.9	0.3	0.0	0.0	0.0	0.3	0.9	2.7
130°	7.6	4.9	2.8	1.2	0.3	0.0	0.0	0.0	0.3	1.2	2.8
132.5°	7.1	4.7	2.5	1.1	0.1	0.0	0.0	0.0	0.1	1.1	2.5
135°	6.6	4.4	2.3	1.2	0.0	0.0	0.0	0.0	0.0	1.2	2.3
137.5°	6.6	4.1	2.2	1.0	0.1	0.0	0.0	0.0	0.1	1.0	2.2
140°	6.2	3.9	2.5	1.4	0.7	0.3	0.0	0.3	0.7	1.4	2.5
142.5°	6.0	3.9	2.6	1.3	0.6	0.3	0.0	0.3	0.6	1.3	2.6
145°	5.2	3.7	2.3	1.0	0.6	0.3	0.0	0.3	0.6	1.0	2.3
147.5°	4.6	3.2	1.9	0.8	0.5	0.3	0.0	0.3	0.5	0.8	1.9
150°	4.4	2.9	1.5	0.7	0.5	0.2	0.0	0.2	0.5	0.7	1.5
152.5°	4.1	2.6	1.1	0.7	0.4	0.2	0.0	0.2	0.4	0.7	1.1
155°	3.7	2.5	1.5	1.1	0.7	0.4	0.0	0.4	0.7	1.1	1.5
157.5°	2.9	1.7	1.3	1.0	0.7	0.3	0.0	0.3	0.7	1.0	1.3
160°	2.1	1.4	1.2	0.9	0.6	0.3	0.0	0.3	0.6	0.9	1.2
162.5°	1.7	1.4	1.1	0.8	0.5	0.3	0.0	0.3	0.5	0.8	1.1
165°	1.9	1.6	1.3	1.0	0.6	0.3	0.0	0.3	0.6	1.0	1.3
167.5°	1.7	1.4	1.1	0.8	0.5	0.3	0.0	0.3	0.5	0.8	1.1
170°	1.7	1.4	1.1	0.8	0.6	0.3	0.0	0.3	0.6	0.8	1.1
172.5°	1.2	1.0	0.8	0.6	0.4	0.2	0.0	0.2	0.4	0.6	0.8
175°	0.8	0.7	0.6	0.4	0.3	0.1	0.0	0.1	0.3	0.4	0.6
177.5°	0.5	0.4	0.3	0.3	0.2	0.1	0.0	0.1	0.2	0.3	0.3
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: P232032

CATALOG NUMBER: FVS4WM-3-LD4-30-1STD-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°	0.4	0.5	0.6	0.7	0.8	0.8	0.9	1.0	1.1	1.1	1.2
5°	0.7	0.8	1.0	1.1	1.3	1.4	1.6	1.7	1.9	2.0	2.2
7.5°	1.0	1.2	1.5	1.7	1.8	2.0	2.2	2.4	2.6	2.8	2.9
10°	1.4	1.7	1.9	2.2	2.5	2.7	3.0	3.2	3.8	4.4	5.0
12.5°	1.4	1.7	2.0	2.3	2.6	3.3	4.1	4.9	5.6	6.4	7.1
15°	1.6	1.9	2.2	2.7	3.6	4.5	5.4	6.2	7.0	7.9	8.7
17.5°	1.4	1.7	2.5	3.6	4.7	5.9	7.0	8.1	9.0	10.1	11.2
20°	1.4	2.1	3.3	4.5	5.6	6.9	8.1	9.4	10.9	12.3	13.7
22.5°	1.7	2.9	4.1	5.3	6.5	7.8	9.5	11.2	12.9	14.5	16.1
25°	2.5	3.7	4.9	6.1	7.4	9.2	11.1	13.0	14.9	16.7	18.5
27.5°	2.6	4.1	5.6	7.0	9.1	11.1	13.0	15.0	17.0	18.9	21.0
30°	2.9	4.4	5.9	7.9	9.9	12.1	14.2	16.7	19.1	21.2	23.3
32.5°	3.2	4.6	6.6	8.8	11.0	13.1	15.6	18.1	20.7	23.2	25.9
35°	3.7	5.2	7.4	9.8	12.2	14.7	17.2	19.7	22.5	25.3	28.0
37.5°	3.9	6.0	8.4	10.9	13.5	16.2	19.0	21.7	24.5	27.4	30.2
40°	3.9	6.2	8.6	11.3	14.3	17.3	20.4	23.5	26.5	29.5	32.6
42.5°	4.1	6.6	9.2	12.2	15.2	18.3	21.5	24.9	28.2	31.4	34.6
45°	4.4	6.6	9.5	12.7	16.0	19.4	22.7	26.2	29.8	33.0	36.5
47.5°	4.7	7.1	10.1	13.4	17.0	20.7	24.2	27.8	31.5	35.1	38.6
50°	4.9	7.6	10.5	14.0	17.8	21.5	25.3	29.0	32.6	36.5	40.4
52.5°	4.9	7.7	10.8	14.3	18.2	22.3	26.3	30.2	34.0	37.7	41.6
55°	4.7	7.6	11.0	14.5	18.6	23.0	27.2	31.5	35.4	39.4	43.0
57.5°	4.7	7.6	11.3	15.2	19.0	23.3	27.8	32.1	36.4	40.6	44.6
60°	5.0	7.9	11.5	15.4	19.4	23.7	28.5	33.0	37.5	41.9	45.8
62.5°	4.9	8.1	11.7	15.3	19.6	24.1	28.8	33.7	38.4	42.6	46.9
65°	4.9	8.0	11.6	15.3	19.6	24.5	29.2	34.3	39.2	43.2	47.6
67.5°	4.8	8.0	11.6	15.4	19.7	24.6	30.1	35.1	39.5	43.8	48.3
70°	4.9	8.0	11.1	15.1	19.6	24.8	30.2	35.3	39.8	44.6	49.3
72.5°	4.4	7.4	11.3	15.2	19.8	24.8	30.3	35.7	40.4	45.1	49.8
75°	4.1	7.1	10.5	15.0	19.6	25.1	30.9	36.0	40.3	45.8	50.1
77.5°	4.0	7.1	10.2	14.5	19.6	25.5	30.8	35.8	40.4	45.5	50.4
80°	3.4	6.3	9.7	14.5	19.9	25.6	30.7	35.7	40.7	45.6	50.5
82.5°	2.0	5.7	9.8	14.7	20.4	25.5	30.3	35.4	40.6	45.6	50.4
85°	1.2	4.9	9.4	15.0	20.1	24.9	30.2	35.0	40.0	45.3	50.3
87.5°	0.4	5.2	9.9	14.7	19.4	24.8	30.4	35.3	40.1	44.9	50.4
90°	0.0	4.8	8.8	14.4	19.1	23.9	29.5	35.1	39.9	44.7	50.3
92.5°	0.4	5.2	9.9	14.7	19.4	24.8	30.4	35.3	40.1	44.9	50.4
95°	1.2	4.9	9.4	15.0	20.1	24.9	30.2	35.0	40.0	45.3	50.3
97.5°	2.0	5.7	9.8	14.7	20.4	25.5	30.3	35.4	40.6	45.6	50.4
100°	3.4	6.3	9.7	14.5	19.9	25.6	30.7	35.7	40.7	45.6	50.5
102.5°	4.0	7.1	10.2	14.5	19.6	25.5	30.8	35.8	40.4	45.5	50.4
105°	4.1	7.1	10.5	15.0	19.6	25.1	30.9	36.0	40.3	45.8	50.1
107.5°	4.4	7.4	11.3	15.2	19.8	24.8	30.3	35.7	40.4	45.1	49.8
110°	4.9	8.0	11.1	15.1	19.6	24.8	30.2	35.3	39.8	44.6	49.3



TEST NUMBER: P232032

CATALOG NUMBER: FVS4WM-3-LD4-30-1STD-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°	4.8	8.0	11.6	15.4	19.7	24.6	30.1	35.1	39.5	43.8	48.3
115°	4.9	8.0	11.6	15.3	19.6	24.5	29.2	34.3	39.2	43.2	47.6
117.5°	4.9	8.1	11.7	15.3	19.6	24.1	28.8	33.7	38.4	42.6	46.9
120°	5.0	7.9	11.5	15.4	19.4	23.7	28.5	33.0	37.5	41.9	45.8
122.5°	4.7	7.6	11.3	15.2	19.0	23.3	27.8	32.1	36.4	40.6	44.6
125°	4.7	7.6	11.0	14.5	18.6	23.0	27.2	31.5	35.4	39.4	43.0
127.5°	4.9	7.7	10.8	14.3	18.2	22.3	26.3	30.2	34.0	37.7	41.6
130°	4.9	7.6	10.5	14.0	17.8	21.5	25.3	29.0	32.6	36.5	40.4
132.5°	4.7	7.1	10.1	13.4	17.0	20.7	24.2	27.8	31.5	35.1	38.6
135°	4.4	6.6	9.5	12.7	16.0	19.4	22.7	26.2	29.8	33.0	36.5
137.5°	4.1	6.6	9.2	12.2	15.2	18.3	21.5	24.9	28.2	31.4	34.6
140°	3.9	6.2	8.6	11.3	14.3	17.3	20.4	23.5	26.5	29.5	32.6
142.5°	3.9	6.0	8.4	10.9	13.5	16.2	19.0	21.7	24.5	27.4	30.2
145°	3.7	5.2	7.4	9.8	12.2	14.7	17.2	19.7	22.5	25.3	28.0
147.5°	3.2	4.6	6.6	8.8	11.0	13.1	15.6	18.1	20.7	23.2	25.9
150°	2.9	4.4	5.9	7.9	9.9	12.1	14.2	16.7	19.1	21.2	23.3
152.5°	2.6	4.1	5.6	7.0	9.1	11.1	13.0	15.0	17.0	18.9	21.0
155°	2.5	3.7	4.9	6.1	7.4	9.2	11.1	13.0	14.9	16.7	18.5
157.5°	1.7	2.9	4.1	5.3	6.5	7.8	9.5	11.2	12.9	14.5	16.1
160°	1.4	2.1	3.3	4.5	5.6	6.9	8.1	9.4	10.9	12.3	13.7
162.5°	1.4	1.7	2.5	3.6	4.7	5.9	7.0	8.1	9.0	10.1	11.2
165°	1.6	1.9	2.2	2.7	3.6	4.5	5.4	6.2	7.0	7.9	8.7
167.5°	1.4	1.7	2.0	2.3	2.6	3.3	4.1	4.9	5.6	6.4	7.1
170°	1.4	1.7	1.9	2.2	2.5	2.7	3.0	3.2	3.8	4.4	5.0
172.5°	1.0	1.2	1.5	1.7	1.8	2.0	2.2	2.4	2.6	2.8	2.9
175°	0.7	0.8	1.0	1.1	1.3	1.4	1.6	1.7	1.9	2.0	2.2
177.5°	0.4	0.5	0.6	0.7	0.8	0.8	0.9	1.0	1.1	1.1	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: P232032

CATALOG NUMBER: FVS4WM-3-LD4-30-1STD-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°	1.3	1.4	1.4	1.5	1.5	1.6	1.6	1.7	1.7	1.8	1.8
5°	2.3	2.4	2.6	2.7	2.9	3.0	3.2	3.3	3.5	3.5	3.6
7.5°	3.1	3.2	3.7	4.1	4.5	4.9	5.3	5.7	6.0	6.4	6.7
10°	5.5	6.1	6.6	7.1	7.5	7.9	8.4	8.7	9.1	9.6	10.0
12.5°	7.8	8.5	9.1	9.8	10.5	11.2	11.8	12.4	13.1	13.6	14.2
15°	9.6	10.6	11.6	12.6	13.6	14.6	15.6	16.6	17.5	18.3	19.0
17.5°	12.3	13.4	14.6	15.7	16.8	17.9	19.0	20.1	21.4	22.5	23.5
20°	15.1	16.4	17.7	18.9	20.2	21.6	22.9	24.3	25.6	26.8	27.9
22.5°	17.6	19.2	20.8	22.5	24.0	25.4	26.8	28.3	29.9	31.3	32.5
25°	20.4	22.1	23.8	25.7	27.5	29.4	31.0	32.5	34.1	35.6	37.0
27.5°	23.1	25.1	27.0	28.9	30.9	32.9	34.9	36.8	38.6	40.3	41.7
30°	25.4	27.8	30.1	32.3	34.4	36.6	38.7	40.7	42.7	44.6	46.3
32.5°	28.2	30.6	33.0	35.4	37.7	40.1	42.5	44.7	46.8	48.8	50.7
35°	30.7	33.3	36.0	38.5	41.0	43.4	45.9	48.5	50.7	52.7	54.7
37.5°	33.1	36.0	39.0	41.8	44.3	46.8	49.3	51.8	54.1	56.4	58.7
40°	35.7	38.6	41.5	44.7	47.5	50.0	52.6	55.4	57.7	60.0	62.4
42.5°	38.0	41.2	44.2	47.3	50.4	53.2	55.8	58.6	61.3	63.9	66.2
45°	40.0	43.4	46.7	49.9	53.1	56.1	58.9	61.8	64.6	67.2	69.8
47.5°	42.1	45.5	48.9	52.5	55.8	58.7	61.6	64.7	67.6	70.4	73.1
50°	44.0	47.6	51.0	54.5	57.9	61.2	64.2	67.3	70.6	73.3	76.0
52.5°	45.5	49.4	53.1	56.7	59.9	63.3	66.7	69.8	72.9	75.9	79.0
55°	47.0	51.0	54.9	58.6	62.2	65.3	68.9	72.4	75.5	78.3	81.6
57.5°	48.7	52.5	56.3	60.1	64.3	67.6	71.1	74.7	78.1	80.9	84.1
60°	49.8	54.1	57.8	61.6	65.6	69.4	73.5	76.9	80.2	83.2	86.3
62.5°	50.8	55.2	59.2	63.1	67.3	70.8	74.9	78.6	81.9	85.2	88.5
65°	51.9	56.3	60.5	64.4	68.7	72.5	76.4	80.2	83.7	87.1	90.5
67.5°	52.9	57.1	61.5	65.7	70.0	74.1	77.9	81.6	85.7	89.0	92.3
70°	53.7	58.1	62.6	66.9	71.2	75.4	79.5	82.8	86.8	90.2	93.7
72.5°	54.5	58.8	63.6	67.7	72.1	76.3	80.5	84.0	87.8	91.4	95.0
75°	55.0	59.2	63.9	68.2	72.8	77.1	81.3	85.1	88.8	92.4	96.0
77.5°	55.3	59.7	64.2	68.7	73.1	77.6	82.0	86.1	89.8	93.2	96.9
80°	55.3	60.1	64.6	69.0	73.6	77.8	82.1	86.5	90.4	93.7	97.5
82.5°	55.1	59.9	64.6	69.4	74.1	78.1	82.2	86.9	90.8	94.0	97.9
85°	55.1	59.9	64.7	69.5	74.2	78.3	82.3	87.1	91.0	94.3	98.1
87.5°	55.2	59.9	64.7	69.5	74.2	78.3	82.3	87.1	91.0	94.3	98.1
90°	55.1	59.8	64.6	69.4	74.2	78.2	83.0	87.0	91.0	95.0	98.1
92.5°	55.2	59.9	64.7	69.5	74.3	78.3	82.6	87.1	91.0	94.6	98.1
95°	55.1	59.9	64.7	69.5	74.2	78.3	82.3	87.1	91.0	94.3	98.1
97.5°	55.1	59.9	64.6	69.4	74.1	78.1	82.2	86.9	90.8	94.0	97.9
100°	55.3	60.1	64.6	69.0	73.6	77.8	82.1	86.5	90.4	93.7	97.5
102.5°	55.3	59.7	64.2	68.7	73.1	77.6	82.0	86.1	89.8	93.2	96.9
105°	55.0	59.2	63.9	68.2	72.8	77.1	81.3	85.1	88.8	92.4	96.0
107.5°	54.5	58.8	63.6	67.7	72.1	76.3	80.5	84.0	87.8	91.4	95.0
110°	53.7	58.1	62.6	66.9	71.2	75.4	79.5	82.8	86.8	90.2	93.7



TEST NUMBER: P232032

CATALOG NUMBER: FVS4WM-3-LD4-30-1STD-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	52.9	57.1	61.5	65.7	70.0	74.1	77.9	81.6	85.7	89.0	92.3
115°	51.9	56.3	60.5	64.4	68.7	72.5	76.4	80.2	83.7	87.1	90.5
117.5°	50.8	55.2	59.2	63.1	67.3	70.8	74.9	78.6	81.9	85.2	88.5
120°	49.8	54.1	57.8	61.6	65.6	69.4	73.5	76.9	80.2	83.2	86.3
122.5°	48.7	52.5	56.3	60.1	64.3	67.6	71.1	74.7	78.1	80.9	84.1
125°	47.0	51.0	54.9	58.6	62.2	65.3	68.9	72.4	75.5	78.3	81.6
127.5°	45.5	49.4	53.1	56.7	59.9	63.3	66.7	69.8	72.9	75.9	79.0
130°	44.0	47.6	51.0	54.5	57.9	61.2	64.2	67.3	70.6	73.3	76.0
132.5°	42.1	45.5	48.9	52.5	55.8	58.7	61.6	64.7	67.6	70.4	73.1
135°	40.0	43.4	46.7	49.9	53.1	56.1	58.9	61.8	64.6	67.2	69.8
137.5°	38.0	41.2	44.2	47.3	50.4	53.2	55.8	58.6	61.3	63.9	66.2
140°	35.7	38.6	41.5	44.7	47.5	50.0	52.6	55.4	57.7	60.0	62.4
142.5°	33.1	36.0	39.0	41.8	44.3	46.8	49.3	51.8	54.1	56.4	58.7
145°	30.7	33.3	36.0	38.5	41.0	43.4	45.9	48.5	50.7	52.7	54.7
147.5°	28.2	30.6	33.0	35.4	37.7	40.1	42.5	44.7	46.8	48.8	50.7
150°	25.4	27.8	30.1	32.3	34.4	36.6	38.7	40.7	42.7	44.6	46.3
152.5°	23.1	25.1	27.0	28.9	30.9	32.9	34.9	36.8	38.6	40.3	41.7
155°	20.4	22.1	23.8	25.7	27.5	29.4	31.0	32.5	34.1	35.6	37.0
157.5°	17.6	19.2	20.8	22.5	24.0	25.4	26.8	28.3	29.9	31.4	32.5
160°	15.1	16.4	17.7	18.9	20.2	21.6	22.9	24.3	25.6	26.8	27.9
162.5°	12.3	13.4	14.6	15.7	16.8	17.9	19.0	20.1	21.4	22.5	23.5
165°	9.6	10.6	11.6	12.6	13.6	14.6	15.6	16.6	17.5	18.3	19.0
167.5°	7.8	8.5	9.1	9.8	10.5	11.2	11.8	12.4	13.1	13.6	14.2
170°	5.5	6.1	6.6	7.1	7.5	7.9	8.4	8.7	9.1	9.6	10.0
172.5°	3.1	3.2	3.7	4.1	4.5	4.9	5.3	5.7	6.0	6.4	6.7
175°	2.3	2.4	2.6	2.7	2.9	3.0	3.2	3.3	3.5	3.5	3.6
177.5°	1.3	1.4	1.4	1.5	1.5	1.6	1.6	1.7	1.7	1.8	1.8
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: P232032

CATALOG NUMBER: FVS4WM-3-LD4-30-1STD-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°	1.8	1.9	1.9	1.9	2.0	2.0	2.0	2.0	2.0	2.0	2.2
5°	3.7	3.8	3.8	3.9	3.9	3.9	4.0	4.0	4.0	4.0	4.4
7.5°	7.0	7.3	7.5	7.8	8.0	8.2	8.4	8.5	8.7	8.8	9.4
10°	10.4	10.8	11.1	11.5	11.8	12.2	12.6	13.0	13.3	13.6	14.4
12.5°	14.8	15.4	15.9	16.4	16.9	17.3	17.7	18.1	18.5	18.8	19.8
15°	19.7	20.4	21.0	21.6	22.1	22.6	23.0	23.4	23.7	23.9	25.1
17.5°	24.4	25.3	26.1	26.8	27.4	28.0	28.5	29.0	29.5	29.9	31.3
20°	29.0	30.0	31.1	32.1	32.8	33.4	33.9	34.6	35.3	35.9	37.5
22.5°	33.7	34.7	36.0	37.1	38.1	38.8	39.4	40.1	40.8	41.5	43.4
25°	38.3	39.7	40.9	42.2	43.4	44.2	44.9	45.6	46.4	47.1	49.4
27.5°	43.0	44.5	45.9	47.2	48.4	49.3	50.2	51.0	51.9	52.7	55.2
30°	47.9	49.4	51.0	52.4	53.4	54.3	55.4	56.5	57.4	58.2	60.9
32.5°	52.4	54.0	55.6	57.0	58.2	59.3	60.4	61.5	62.5	63.4	66.1
35°	56.5	58.2	59.8	61.4	62.8	64.1	65.4	66.6	67.6	68.6	71.3
37.5°	60.6	62.4	64.1	65.8	67.3	68.7	70.0	71.3	72.4	73.4	76.5
40°	64.5	66.7	68.5	70.2	71.8	73.3	74.7	75.9	77.1	78.2	81.7
42.5°	68.2	70.5	72.6	74.5	76.0	77.5	79.0	80.2	81.5	82.6	86.3
45°	71.7	73.9	76.2	78.4	80.2	81.7	83.2	84.5	85.8	87.0	90.9
47.5°	75.3	77.3	79.7	82.1	84.0	85.6	87.1	88.5	89.8	91.0	95.0
50°	78.5	80.8	83.3	85.7	87.8	89.4	90.9	92.4	93.7	95.0	99.2
52.5°	81.6	84.1	86.5	88.8	91.0	92.8	94.2	95.5	96.9	98.6	102.9
55°	84.3	86.8	89.3	91.6	94.0	96.1	97.4	98.6	100.1	102.1	106.6
57.5°	87.0	89.5	92.1	94.5	96.9	98.9	100.4	101.7	103.2	105.3	110.0
60°	89.4	92.0	95.0	97.4	99.8	101.7	103.3	104.8	106.4	108.5	113.3
62.5°	91.7	94.2	97.2	99.8	102.1	104.2	105.9	107.3	109.1	111.3	115.9
65°	93.7	96.3	99.3	101.9	104.3	106.7	108.5	109.7	111.9	114.1	118.4
67.5°	95.5	98.2	101.1	103.9	106.2	108.5	110.3	111.9	113.9	116.1	120.9
70°	97.1	100.0	102.8	105.7	108.1	110.3	112.0	114.2	115.8	118.1	123.3
72.5°	98.5	101.4	104.2	107.0	109.6	111.8	113.5	115.8	117.4	119.7	125.4
75°	99.4	102.5	105.5	108.1	111.1	113.4	115.1	117.4	119.0	121.3	127.7
77.5°	100.1	103.3	106.4	109.1	111.9	114.2	116.2	118.2	119.8	122.5	128.1
80°	100.7	103.9	107.1	110.2	112.6	115.0	117.3	118.9	120.5	123.7	128.5
82.5°	101.1	104.6	107.4	110.6	113.0	115.7	117.7	119.7	121.3	124.1	129.3
85°	101.4	105.3	107.7	110.9	113.3	116.5	118.1	120.5	122.1	124.5	130.1
87.5°	101.3	105.3	108.1	111.3	113.7	116.5	118.5	120.5	122.1	124.9	130.1
90°	101.3	105.3	108.5	111.7	114.1	116.5	118.9	120.5	122.1	125.3	130.1
92.5°	101.3	105.3	108.1	111.3	113.7	116.5	118.5	120.5	122.1	124.9	130.1
95°	101.4	105.3	107.7	110.9	113.3	116.5	118.1	120.5	122.1	124.5	130.1
97.5°	101.1	104.6	107.4	110.6	113.0	115.7	117.7	119.7	121.3	124.1	129.3
100°	100.7	103.9	107.1	110.2	112.6	115.0	117.3	118.9	120.5	123.7	128.5
102.5°	100.1	103.3	106.4	109.1	111.9	114.2	116.2	118.2	119.8	122.5	128.1
105°	99.4	102.5	105.5	108.1	111.1	113.4	115.1	117.4	119.0	121.3	127.7
107.5°	98.5	101.4	104.2	107.0	109.6	111.8	113.5	115.8	117.4	119.7	125.4
110°	97.1	100.0	102.8	105.7	108.1	110.3	112.0	114.2	115.8	118.1	123.3





TEST NUMBER: P232032

CATALOG NUMBER: FVS4WM-3-LD4-30-1STD-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°	95.5	98.2	101.1	103.9	106.2	108.5	110.3	111.9	113.9	116.1	120.9
115°	93.7	96.3	99.3	101.9	104.3	106.7	108.5	109.7	111.9	114.1	118.4
117.5°	91.7	94.2	97.2	99.8	102.1	104.2	105.9	107.3	109.1	111.3	115.9
120°	89.4	92.0	95.0	97.4	99.8	101.7	103.3	104.8	106.4	108.5	113.3
122.5°	87.0	89.5	92.1	94.5	96.9	98.9	100.4	101.7	103.2	105.3	110.0
125°	84.3	86.8	89.3	91.6	94.0	96.1	97.4	98.6	100.1	102.1	106.6
127.5°	81.6	84.1	86.5	88.8	91.0	92.8	94.2	95.5	96.9	98.6	102.9
130°	78.5	80.8	83.3	85.7	87.8	89.4	90.9	92.4	93.7	95.0	99.2
132.5°	75.3	77.3	79.7	82.1	84.0	85.6	87.1	88.5	89.8	91.0	95.0
135°	71.7	73.9	76.2	78.4	80.2	81.7	83.2	84.5	85.8	87.0	90.9
137.5°	68.2	70.5	72.6	74.5	76.0	77.5	79.0	80.2	81.5	82.6	86.3
140°	64.5	66.7	68.5	70.2	71.8	73.3	74.7	75.9	77.1	78.2	81.7
142.5°	60.6	62.4	64.1	65.8	67.3	68.7	70.0	71.3	72.4	73.4	76.5
145°	56.5	58.2	59.8	61.4	62.8	64.1	65.4	66.6	67.6	68.6	71.3
147.5°	52.4	54.0	55.6	57.0	58.2	59.3	60.4	61.5	62.5	63.4	66.1
150°	47.9	49.4	51.0	52.4	53.4	54.3	55.4	56.5	57.4	58.2	60.9
152.5°	43.0	44.5	45.9	47.2	48.4	49.3	50.2	51.0	51.9	52.7	55.2
155°	38.3	39.7	40.9	42.2	43.4	44.2	44.9	45.6	46.4	47.1	49.4
157.5°	33.7	34.7	36.0	37.1	38.1	38.8	39.4	40.1	40.8	41.5	43.4
160°	29.0	30.0	31.1	32.1	32.8	33.4	33.9	34.6	35.3	35.9	37.5
162.5°	24.4	25.3	26.1	26.8	27.4	28.0	28.5	29.0	29.5	29.9	31.3
165°	19.7	20.4	21.0	21.6	22.1	22.6	23.0	23.4	23.7	23.9	25.1
167.5°	14.8	15.4	15.9	16.4	16.9	17.3	17.7	18.1	18.5	18.8	19.8
170°	10.4	10.8	11.1	11.5	11.8	12.2	12.6	13.0	13.3	13.6	14.4
172.5°	7.0	7.3	7.5	7.8	8.0	8.2	8.4	8.5	8.7	8.8	9.4
175°	3.7	3.8	3.8	3.9	3.9	3.9	4.0	4.0	4.0	4.0	4.4
177.5°	1.8	1.9	1.9	1.9	2.0	2.0	2.0	2.0	2.0	2.0	2.2
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: P232032

CATALOG NUMBER: FVS4WM-3-LD4-30-1STD-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°	2.4	2.6	2.8	3.0	3.2	3.4	3.5	3.7	3.8	4.0	4.1
5°	4.8	5.2	5.6	6.0	6.3	6.7	7.0	7.4	7.7	8.0	8.3
7.5°	10.0	10.6	11.1	11.6	12.0	12.5	13.0	14.1	15.1	16.1	17.1
10°	15.2	15.9	16.6	17.3	18.1	19.6	21.0	22.4	23.8	25.1	26.4
12.5°	20.7	21.6	22.5	23.8	25.7	27.6	29.5	31.2	33.2	35.6	38.0
15°	26.3	27.4	28.6	31.2	33.7	36.0	38.4	41.4	44.4	47.2	50.3
17.5°	32.6	33.9	36.2	38.9	41.7	44.6	48.4	52.0	55.4	59.3	63.3
20°	39.0	40.5	43.5	46.4	49.5	54.2	58.7	63.0	67.5	72.0	76.3
22.5°	45.3	47.7	51.2	54.4	59.2	64.3	69.4	74.4	79.2	84.1	89.8
25°	51.6	55.0	58.9	63.2	68.9	74.5	80.4	86.1	91.8	97.9	104.0
27.5°	57.6	61.8	66.1	71.6	77.7	84.2	91.0	97.7	104.3	110.7	117.7
30°	63.6	68.5	73.4	79.6	86.2	93.5	101.1	109.0	116.6	124.0	131.5
32.5°	69.2	74.5	80.2	87.1	94.6	103.0	111.7	120.6	128.9	136.5	144.4
35°	74.7	80.4	87.1	94.7	103.5	113.1	122.0	131.3	140.0	148.6	157.5
37.5°	80.6	86.7	94.2	102.4	112.2	122.0	131.9	141.7	152.0	161.3	170.9
40°	86.5	92.9	101.4	110.5	120.6	130.9	141.2	151.7	162.3	173.1	183.2
42.5°	91.5	98.1	107.4	117.5	128.2	139.4	150.5	161.6	172.9	184.0	194.8
45°	96.3	103.4	113.2	124.2	135.8	148.1	159.7	171.5	183.6	195.1	206.4
47.5°	101.1	109.0	119.0	130.7	143.2	156.2	168.2	181.3	194.1	206.7	217.6
50°	105.8	114.5	124.8	137.1	150.3	163.2	175.6	189.8	202.9	215.5	227.9
52.5°	109.8	119.1	130.2	142.8	157.0	170.0	183.3	197.9	211.3	224.5	237.3
55°	113.7	123.5	135.4	148.4	163.5	176.7	191.0	205.7	219.8	233.4	246.8
57.5°	117.4	127.8	140.2	153.9	169.3	183.2	198.1	213.3	228.1	242.3	256.6
60°	121.0	132.0	144.9	159.2	174.6	189.7	204.6	220.2	235.2	249.9	264.2
62.5°	124.1	135.7	148.9	163.7	179.5	195.1	210.5	226.8	241.7	256.9	271.6
65°	127.3	139.3	152.7	167.9	183.9	199.8	216.0	232.5	247.3	263.2	278.1
67.5°	129.7	142.2	156.1	171.6	187.6	204.1	221.0	237.5	252.9	269.0	283.8
70°	132.1	144.9	159.4	174.9	191.0	208.1	225.3	242.1	258.3	274.1	288.8
72.5°	134.0	147.1	161.5	177.8	194.4	211.8	229.0	246.3	263.0	278.6	293.5
75°	135.8	149.2	163.1	180.7	197.8	215.2	231.9	249.9	266.5	282.1	297.6
77.5°	137.1	150.6	164.9	182.7	199.7	217.9	234.7	252.8	269.1	285.2	301.3
80°	138.8	151.7	166.6	184.4	201.1	220.2	237.6	255.0	270.9	287.7	303.7
82.5°	139.6	152.8	168.7	185.5	202.9	221.8	238.7	256.8	273.0	289.9	305.8
85°	140.4	153.2	170.0	186.7	205.0	223.4	239.5	259.2	275.2	291.8	307.7
87.5°	140.0	153.6	169.2	186.7	204.7	223.8	239.8	258.6	275.7	292.8	308.1
90°	139.6	154.0	168.4	186.7	204.3	224.2	240.2	257.7	275.3	292.8	307.2
92.5°	140.0	153.6	169.2	186.7	204.7	223.8	239.8	258.6	275.7	292.8	308.1
95°	140.4	153.2	170.0	186.7	205.0	223.4	239.5	259.2	275.2	291.8	307.7
97.5°	139.6	152.8	168.7	185.5	202.9	221.8	238.7	256.8	273.0	289.9	305.8
100°	138.8	151.7	166.6	184.4	201.1	220.2	237.6	255.0	270.9	287.7	303.7
102.5°	137.1	150.6	164.9	182.7	199.7	217.9	234.7	252.8	269.1	285.2	301.3
105°	135.8	149.2	163.1	180.7	197.8	215.2	231.9	249.9	266.5	282.1	297.6
107.5°	134.0	147.1	161.5	177.8	194.4	211.8	229.0	246.3	263.0	278.6	293.5
110°	132.1	144.9	159.4	174.9	191.0	208.1	225.3	242.1	258.3	274.1	288.8



TEST NUMBER: P232032

CATALOG NUMBER: FVS4WM-3-LD4-30-1STD-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	129.7	142.2	156.1	171.6	187.6	204.1	221.0	237.5	252.9	269.0	283.8
115°	127.3	139.3	152.7	167.9	183.9	199.8	216.0	232.5	247.3	263.2	278.1
117.5°	124.1	135.7	148.9	163.7	179.5	195.1	210.5	226.8	241.7	256.9	271.6
120°	121.0	132.0	144.9	159.2	174.6	189.7	204.6	220.2	235.2	249.9	264.2
122.5°	117.4	127.8	140.2	153.9	169.3	183.2	198.1	213.3	228.1	242.3	256.6
125°	113.7	123.5	135.4	148.4	163.5	176.7	191.0	205.7	219.8	233.4	246.8
127.5°	109.8	119.1	130.2	142.8	157.0	170.0	183.3	197.9	211.3	224.5	237.3
130°	105.8	114.5	124.8	137.1	150.3	163.2	175.6	189.8	202.9	215.5	227.9
132.5°	101.1	109.0	119.0	130.7	143.2	156.2	168.2	181.3	194.1	206.7	217.6
135°	96.3	103.4	113.2	124.2	135.8	148.1	159.7	171.5	183.6	195.1	206.4
137.5°	91.5	98.1	107.4	117.5	128.2	139.4	150.5	161.6	172.9	184.0	194.8
140°	86.5	92.9	101.4	110.5	120.6	130.9	141.2	151.7	162.3	173.1	183.2
142.5°	80.6	86.7	94.2	102.4	112.2	122.0	131.9	141.7	152.0	161.3	170.9
145°	74.7	80.4	87.1	94.7	103.5	113.1	122.0	131.3	140.0	148.6	157.5
147.5°	69.2	74.5	80.2	87.1	94.6	103.0	111.7	120.6	128.9	136.5	144.4
150°	63.6	68.5	73.4	79.6	86.2	93.5	101.1	109.0	116.6	124.0	131.5
152.5°	57.6	61.8	66.1	71.6	77.7	84.2	91.0	97.7	104.3	110.7	117.7
155°	51.6	55.0	58.9	63.2	68.9	74.5	80.4	86.1	91.8	97.9	104.0
157.5°	45.3	47.7	51.2	54.4	59.2	64.3	69.4	74.4	79.2	84.1	89.8
160°	39.0	40.5	43.5	46.4	49.5	54.2	58.7	63.0	67.5	72.0	76.3
162.5°	32.6	33.9	36.2	38.9	41.7	44.6	48.4	52.0	55.4	59.3	63.3
165°	26.3	27.4	28.6	31.2	33.7	36.0	38.4	41.4	44.4	47.2	50.3
167.5°	20.7	21.6	22.5	23.8	25.7	27.6	29.5	31.2	33.2	35.6	38.0
170°	15.2	15.9	16.6	17.3	18.1	19.6	21.0	22.4	23.8	25.1	26.4
172.5°	10.0	10.6	11.1	11.6	12.0	12.5	13.0	14.1	15.1	16.1	17.1
175°	4.8	5.2	5.6	6.0	6.3	6.7	7.0	7.4	7.7	8.0	8.3
177.5°	2.4	2.6	2.8	3.0	3.2	3.4	3.5	3.7	3.8	4.0	4.1
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: P232032

CATALOG NUMBER: FVS4WM-3-LD4-30-1STD-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°	4.3	4.4	4.5	4.6	4.7	4.8	4.9	5.0	5.0	5.1	5.1
5°	9.0	9.7	10.3	10.9	11.5	12.0	12.5	13.0	13.4	13.8	14.1
7.5°	18.0	18.8	19.7	20.4	21.2	22.2	22.9	24.0	24.9	25.7	26.5
10°	28.1	29.8	31.5	33.0	34.4	35.7	36.9	38.1	39.5	40.7	41.8
12.5°	40.2	42.3	44.3	46.6	48.7	50.7	52.6	54.4	56.2	57.9	59.5
15°	53.1	56.1	58.9	61.5	64.0	66.6	69.2	71.7	74.0	76.1	78.0
17.5°	67.2	71.4	74.3	77.6	80.8	83.9	86.8	89.5	91.9	94.0	96.1
20°	80.9	85.3	89.3	93.2	97.0	100.9	104.4	107.5	110.6	113.3	115.9
22.5°	95.4	100.5	105.2	109.7	114.2	118.4	122.5	126.3	129.8	133.1	136.0
25°	109.9	115.4	121.2	125.9	131.0	135.9	140.4	144.8	148.9	152.7	155.7
27.5°	124.4	130.7	136.7	142.5	147.8	152.8	158.5	162.8	167.2	171.2	174.5
30°	138.8	145.8	152.4	158.6	164.5	170.2	175.8	181.1	185.4	189.4	193.4
32.5°	152.3	160.0	167.5	174.5	181.0	187.1	192.9	198.2	203.0	207.6	211.8
35°	166.0	174.5	182.6	190.3	197.3	203.7	209.9	215.7	221.2	225.9	229.9
37.5°	179.8	188.7	197.7	205.9	213.1	220.0	226.6	232.7	237.9	243.4	247.1
40°	192.8	202.8	211.9	219.9	227.8	235.5	242.2	248.2	254.1	259.5	264.2
42.5°	205.4	215.7	224.8	233.4	241.8	249.6	256.7	263.9	271.3	275.9	281.0
45°	217.5	227.6	237.4	247.0	255.5	263.7	271.7	279.1	285.2	290.9	295.6
47.5°	228.7	239.2	250.2	260.2	268.6	277.3	285.5	292.3	299.2	305.4	310.7
50°	239.5	250.6	261.6	271.5	281.0	290.1	298.3	305.9	314.0	319.6	325.2
52.5°	249.7	261.6	272.4	282.8	293.6	302.2	310.7	319.1	325.8	332.4	338.6
55°	259.9	272.2	283.6	293.7	304.0	313.8	322.2	330.3	337.8	345.0	351.0
57.5°	269.1	281.2	292.7	303.9	314.2	323.8	332.8	341.5	349.3	356.3	362.5
60°	277.4	289.6	301.7	313.0	323.6	333.5	343.1	351.8	359.7	366.9	373.1
62.5°	284.9	297.4	309.9	321.6	332.5	342.9	352.6	361.5	369.2	376.3	383.4
65°	291.6	304.7	317.2	329.0	340.7	351.6	361.2	369.9	377.8	385.1	392.7
67.5°	297.6	310.9	323.7	336.3	348.1	358.8	368.6	377.4	385.9	393.8	401.0
70°	303.1	316.7	329.9	343.1	354.4	365.2	375.1	384.1	392.8	401.2	409.1
72.5°	308.1	322.4	336.0	349.1	360.1	371.6	381.5	390.8	399.4	407.7	415.5
75°	312.6	326.9	340.7	353.8	365.2	376.3	386.5	396.6	405.2	413.3	421.3
77.5°	316.4	330.4	343.8	357.0	368.9	380.0	390.7	401.0	410.1	418.6	425.9
80°	318.4	332.8	346.9	359.9	371.8	383.2	393.6	403.9	413.5	422.1	429.6
82.5°	320.2	334.8	349.7	361.9	374.3	386.1	396.0	406.0	415.7	424.7	432.7
85°	322.1	336.4	351.5	363.5	375.6	387.1	397.6	407.8	417.0	426.3	434.5
87.5°	322.9	337.5	352.4	364.6	376.3	388.0	399.0	409.3	418.1	427.0	434.9
90°	322.4	337.5	351.9	364.6	375.8	388.6	399.0	409.3	418.1	427.7	434.9
92.5°	322.9	337.5	352.4	364.6	376.3	388.0	399.0	409.3	418.1	427.0	434.9
95°	322.1	336.4	351.5	363.5	375.6	387.1	397.6	407.8	417.0	426.3	434.5
97.5°	320.2	334.8	349.7	361.9	374.3	386.1	396.0	406.0	415.7	424.7	432.7
100°	318.4	332.8	346.9	359.9	371.8	383.2	393.6	403.9	413.5	422.1	429.6
102.5°	316.4	330.4	343.8	357.0	368.9	380.0	390.7	401.0	410.1	418.6	425.9
105°	312.6	326.9	340.7	353.8	365.2	376.3	386.5	396.6	405.2	413.3	421.3
107.5°	308.1	322.4	336.0	349.1	360.1	371.6	381.5	390.8	399.4	407.7	415.5
110°	303.1	316.7	329.9	343.1	354.4	365.2	375.1	384.1	392.8	401.2	409.1



TEST NUMBER: P232032

CATALOG NUMBER: FVS4WM-3-LD4-30-1STD-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°	297.6	310.9	323.7	336.3	348.1	358.8	368.6	377.4	385.9	393.8	401.0
115°	291.6	304.7	317.2	329.0	340.7	351.6	361.2	369.9	377.8	385.1	392.7
117.5°	284.9	297.4	309.9	321.6	332.5	342.9	352.6	361.5	369.2	376.3	383.4
120°	277.4	289.6	301.7	313.0	323.6	333.5	343.1	351.8	359.7	366.9	373.1
122.5°	269.1	281.2	292.7	303.9	314.2	323.8	332.8	341.5	349.3	356.3	362.5
125°	259.9	272.2	283.6	293.7	304.0	313.8	322.2	330.3	337.8	345.0	351.0
127.5°	249.7	261.6	272.4	282.8	293.6	302.2	310.7	319.1	325.8	332.4	338.6
130°	239.5	250.6	261.6	271.5	281.0	290.1	298.3	305.9	314.0	319.6	325.2
132.5°	228.7	239.2	250.2	260.2	268.6	277.3	285.5	292.3	299.2	305.4	310.7
135°	217.5	227.6	237.4	247.0	255.5	263.7	271.7	279.1	285.2	290.9	295.6
137.5°	205.4	215.7	224.8	233.4	241.8	249.6	256.7	263.9	271.3	275.9	281.0
140°	192.8	202.8	211.9	219.9	227.8	235.5	242.2	248.2	254.1	259.5	264.2
142.5°	179.8	188.7	197.7	205.9	213.1	220.0	226.6	232.7	237.9	243.4	247.1
145°	166.0	174.5	182.6	190.3	197.3	203.7	209.9	215.7	221.2	225.9	229.9
147.5°	152.3	160.0	167.5	174.5	181.0	187.1	192.9	198.2	203.0	207.6	211.8
150°	138.8	145.8	152.4	158.6	164.5	170.2	175.8	181.1	185.4	189.4	193.4
152.5°	124.4	130.7	136.7	142.5	147.8	152.8	158.5	162.8	167.2	171.2	174.5
155°	109.9	115.4	121.2	125.9	131.0	135.9	140.4	144.8	148.9	152.7	155.7
157.5°	95.4	100.5	105.2	109.7	114.2	118.4	122.5	126.3	129.8	133.1	136.0
160°	80.9	85.3	89.3	93.2	97.0	100.9	104.4	107.5	110.6	113.3	115.9
162.5°	67.2	71.4	74.3	77.6	80.8	83.9	86.8	89.5	91.9	94.0	96.1
165°	53.1	56.1	58.9	61.5	64.0	66.6	69.2	71.7	74.0	76.1	78.0
167.5°	40.2	42.3	44.3	46.6	48.7	50.7	52.6	54.4	56.2	57.9	59.5
170°	28.1	29.8	31.5	33.0	34.4	35.7	36.9	38.1	39.5	40.7	41.8
172.5°	18.0	18.8	19.7	20.4	21.2	22.2	22.9	24.0	24.9	25.7	26.5
175°	9.0	9.7	10.3	10.9	11.5	12.0	12.5	13.0	13.4	13.8	14.1
177.5°	4.3	4.4	4.5	4.6	4.7	4.8	4.9	5.0	5.0	5.1	5.1
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232032

CATALOG NUMBER: FVS4WM-3-LD4-30-1STD-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°	5.2	5.2	5.2	5.2	5.2	5.2	5.3	5.2	5.1	5.1	5.0
5°	14.4	14.6	14.8	15.0	15.1	15.1	15.1	15.1	15.4	15.1	14.9
7.5°	27.2	27.9	28.4	28.9	29.3	29.6	29.8	30.0	30.1	30.4	30.1
10°	42.8	44.0	45.0	46.0	46.7	47.4	47.9	48.2	48.5	49.2	48.7
12.5°	60.8	62.0	62.9	63.8	64.8	65.6	66.2	66.6	66.9	67.0	67.3
15°	79.6	81.0	82.4	83.5	84.5	85.5	86.3	86.9	87.3	87.4	87.7
17.5°	98.2	100.3	102.0	103.4	104.5	105.2	106.0	107.1	108.0	108.7	109.8
20°	118.1	120.2	122.1	123.7	124.9	125.9	126.5	127.2	128.0	128.5	129.2
22.5°	138.6	140.8	142.6	144.4	145.8	146.8	147.6	148.0	148.7	149.2	150.1
25°	158.4	160.7	162.8	164.5	166.1	167.4	168.4	169.0	169.6	170.5	171.0
27.5°	177.4	180.1	182.5	184.4	185.8	187.5	188.6	189.4	189.7	190.2	190.3
30°	196.2	198.8	201.3	203.5	205.4	206.8	208.1	208.9	209.3	209.8	210.5
32.5°	215.1	218.0	220.6	223.2	225.0	226.2	227.1	227.9	228.2	228.2	229.0
35°	233.4	236.7	239.6	242.1	243.9	245.0	245.8	246.5	246.6	246.0	246.6
37.5°	250.8	254.1	257.1	259.5	261.4	263.0	264.0	264.4	264.4	264.0	264.1
40°	268.1	271.3	274.0	276.8	279.2	280.6	281.2	281.3	281.6	281.7	282.0
42.5°	284.8	287.7	290.7	293.4	295.4	296.5	297.4	297.8	297.9	297.7	297.1
45°	299.6	303.5	306.9	309.5	311.4	313.2	313.3	313.8	313.8	313.4	312.3
47.5°	315.5	319.1	321.9	324.8	326.9	328.2	328.8	329.0	328.5	327.9	327.0
50°	330.1	333.9	337.2	340.2	341.7	342.8	343.4	343.4	343.2	342.9	342.9
52.5°	343.6	347.9	351.0	353.6	355.7	357.2	358.1	357.6	357.4	357.0	356.9
55°	356.6	360.4	363.8	367.1	369.3	370.8	371.3	371.2	370.7	369.4	369.4
57.5°	367.7	372.8	377.2	380.0	382.6	384.0	384.4	384.3	383.7	382.8	382.2
60°	379.1	384.7	388.5	391.9	394.7	396.1	396.5	396.5	395.5	394.5	393.7
62.5°	389.8	394.2	398.7	402.7	405.6	407.2	408.0	407.8	406.4	405.1	404.3
65°	398.6	404.0	409.0	412.7	415.8	417.7	418.3	418.6	417.0	415.9	414.9
67.5°	407.2	413.0	417.9	421.6	424.9	426.9	427.8	428.2	427.0	425.6	424.4
70°	415.2	420.8	425.7	429.3	432.3	434.7	436.4	436.9	435.8	433.8	432.5
72.5°	422.1	427.4	432.4	436.2	439.5	442.0	443.2	444.1	442.9	441.2	439.7
75°	427.8	433.4	438.1	442.1	445.7	447.6	449.0	449.9	450.1	448.3	446.7
77.5°	432.7	438.5	443.2	447.1	450.4	452.4	453.8	455.2	455.4	454.7	452.7
80°	436.4	442.3	447.3	451.0	454.4	457.0	457.7	458.6	459.3	459.1	457.7
82.5°	439.6	445.3	450.1	454.0	457.0	459.2	460.7	461.8	461.7	461.6	461.9
85°	441.1	446.7	451.5	456.2	459.0	461.2	462.4	463.2	463.3	463.1	463.0
87.5°	442.0	447.4	452.2	456.4	459.0	460.8	462.6	463.5	463.5	462.9	463.0
90°	442.0	446.8	451.6	456.4	458.8	460.4	462.0	462.0	462.0	461.2	459.6
92.5°	442.0	447.4	452.2	456.4	459.0	460.8	462.6	463.5	463.5	462.9	463.0
95°	441.1	446.7	451.5	456.2	459.0	461.2	462.4	463.2	463.3	463.1	463.0
97.5°	439.6	445.3	450.1	454.0	457.0	459.2	460.7	461.8	461.7	461.6	461.9
100°	436.4	442.3	447.3	451.0	454.4	457.0	457.7	458.6	459.3	459.1	457.7
102.5°	432.7	438.5	443.2	447.1	450.4	452.4	453.8	455.2	455.4	454.7	452.7
105°	427.8	433.4	438.1	442.1	445.7	447.6	449.0	449.9	450.1	448.3	446.7
107.5°	422.1	427.4	432.4	436.2	439.5	442.0	443.2	444.1	442.9	441.2	439.7
110°	415.2	420.8	425.7	429.3	432.3	434.7	436.4	436.9	435.8	433.8	432.5



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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°	407.2	413.0	417.9	421.6	424.9	426.9	427.8	428.2	427.0	425.6	424.4
115°	398.6	404.0	409.0	412.7	415.8	417.7	418.3	418.6	417.0	415.9	414.9
117.5°	389.8	394.2	398.7	402.7	405.6	407.2	408.0	407.8	406.4	405.1	404.3
120°	379.1	384.7	388.5	391.9	394.7	396.1	396.5	396.5	395.5	394.5	393.7
122.5°	367.7	372.8	377.2	380.0	382.6	384.0	384.4	384.3	383.7	382.8	382.2
125°	356.6	360.4	363.8	367.1	369.3	370.8	371.3	371.2	370.7	369.4	369.4
127.5°	343.6	347.9	351.0	353.6	355.7	357.2	358.1	357.6	357.4	357.0	356.9
130°	330.1	333.9	337.2	340.2	341.7	342.8	343.4	343.4	343.2	342.9	342.9
132.5°	315.5	319.1	321.9	324.8	326.9	328.2	328.8	329.0	328.5	327.9	327.0
135°	299.6	303.5	306.9	309.5	311.4	313.2	313.3	313.8	313.8	313.4	312.3
137.5°	284.8	287.7	290.7	293.4	295.4	296.5	297.4	297.8	297.9	297.7	297.1
140°	268.1	271.3	274.0	276.8	279.2	280.6	281.2	281.3	281.6	281.7	282.0
142.5°	250.8	254.1	257.1	259.5	261.4	263.0	264.0	264.4	264.4	264.0	264.1
145°	233.4	236.7	239.6	242.1	243.9	245.0	245.8	246.5	246.6	246.0	246.6
147.5°	215.1	218.0	220.6	223.2	225.0	226.2	227.1	227.9	228.2	228.2	229.0
150°	196.2	198.8	201.3	203.5	205.4	206.8	208.1	208.9	209.3	209.8	210.5
152.5°	177.4	180.1	182.5	184.4	185.8	187.5	188.6	189.4	189.7	190.2	190.3
155°	158.4	160.7	162.8	164.5	166.1	167.4	168.4	169.0	169.6	170.5	171.0
157.5°	138.6	140.8	142.6	144.4	145.8	146.8	147.6	148.0	148.7	149.2	150.1
160°	118.1	120.2	122.1	123.7	124.9	125.9	126.5	127.2	128.0	128.5	129.2
162.5°	98.2	100.3	102.0	103.4	104.5	105.2	106.0	107.1	108.0	108.7	109.8
165°	79.6	81.0	82.4	83.5	84.5	85.5	86.3	86.9	87.3	87.4	87.7
167.5°	60.8	62.0	62.9	63.8	64.8	65.6	66.2	66.6	66.9	67.0	67.3
170°	42.8	44.0	45.0	46.0	46.7	47.4	47.9	48.2	48.5	49.2	48.7
172.5°	27.2	27.9	28.4	28.9	29.3	29.6	29.8	30.0	30.1	30.4	30.1
175°	14.4	14.6	14.8	15.0	15.1	15.1	15.1	15.1	15.4	15.1	14.9
177.5°	5.2	5.2	5.2	5.2	5.2	5.2	5.3	5.2	5.1	5.1	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



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**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
0°	0.0	0.0
2.5°	4.9	4.8
5°	14.6	14.4
7.5°	29.8	29.5
10°	48.3	47.9
12.5°	66.7	66.2
15°	86.9	86.2
17.5°	109.6	109.3
20°	128.4	127.7
22.5°	149.2	148.4
25°	171.3	170.8
27.5°	190.1	189.1
30°	211.1	210.6
32.5°	229.5	229.0
35°	247.1	246.6
37.5°	264.7	264.1
40°	283.3	283.3
42.5°	297.5	296.8
45°	314.4	315.2
47.5°	327.5	327.1
50°	343.6	343.1
52.5°	357.5	357.5
55°	370.2	370.2
57.5°	382.2	382.2
60°	394.3	395.0
62.5°	404.8	405.3
65°	415.3	416.5
67.5°	424.2	425.3
70°	432.0	433.3
72.5°	439.9	441.2
75°	445.7	447.6
77.5°	451.3	454.0
80°	455.7	458.0
82.5°	459.6	462.0
85°	463.1	464.4
87.5°	464.1	466.0
90°	459.6	463.6
92.5°	464.1	466.0
95°	463.1	464.4
97.5°	459.6	462.0
100°	455.7	458.0
102.5°	451.3	454.0
105°	445.7	447.6
107.5°	439.9	441.2
110°	432.0	433.3





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**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
112.5°	424.2	425.3
115°	415.3	416.5
117.5°	404.8	405.3
120°	394.3	395.0
122.5°	382.2	382.2
125°	370.2	370.2
127.5°	357.5	357.5
130°	343.6	343.1
132.5°	327.5	327.1
135°	314.4	315.2
137.5°	297.5	296.8
140°	283.3	283.3
142.5°	264.7	264.1
145°	247.1	246.6
147.5°	229.5	229.0
150°	211.1	210.6
152.5°	190.1	189.1
155°	171.3	170.8
157.5°	149.2	148.4
160°	128.4	127.7
162.5°	109.6	109.3
165°	86.9	86.2
167.5°	66.7	66.2
170°	48.3	47.9
172.5°	29.8	29.5
175°	14.6	14.4
177.5°	4.9	4.8
180°	0.0	0.0

(END OF REPORT)