

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: P231960

Luminaire Tested: **FVS4WM-4-LD4-30-1STD-PFS125-UNV-EDC1**

Issue Date: 3/3/2020



**Test Information**

Test Method: LM-79-08  
Report Number: P231960  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1706-121-14)  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: FAIL-SAFE  
Catalog Number: FVS4WM-4-LD4-30-1STD-PFS125-UNV-EDC1  
Description: FAILSAFE FVS LED FIXTURE  
4FT LENGTH, 1-MODULE LED WITH PFS125 LENS  
Light Source: (84) 3000K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

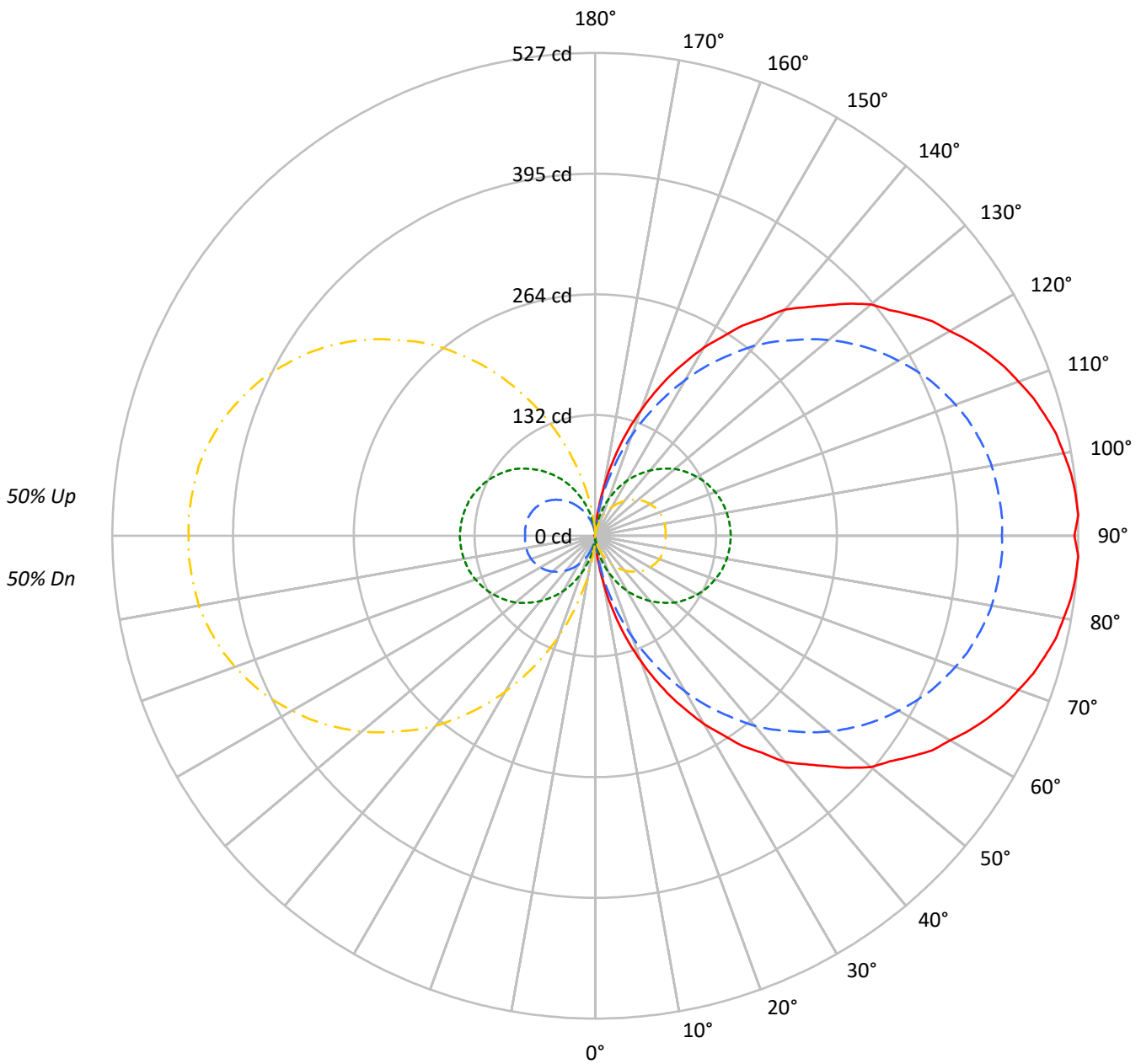
Lumens per Lamp: N/A  
Luminaire Lumens: 2286.2 lumens  
Efficiency: N/A  
Efficacy: 68.0 lumens/watt  
Spacing Criteria (0/90/45): 17.24 / 14.14 / 15.46  
Luminous Opening: Rectangular w/ Sides (W: 3.79' x L: 0.19' x H: 0.31')  
CIE Type: General Diffuse

Input Watts (W): 33.6  
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°	12	12	12	12
5°	239	83	0	83
10°	642	238	0	238
15°	1077	445	0	445
20°	1460	673	0	673
25°	1810	906	0	906
30°	2112	1162	0	1162
35°	2390	1422	0	1422
40°	2657	1721	0	1721
45°	2853	2043	0	2043
50°	3098	2434	0	2434
55°	3281	2865	0	2865
60°	3481	3400	6	3400
65°	3696	4098	6	4098
70°	3900	5028	6	5028
75°	4115	6406	6	6406
80°	4328	8651	0	8651
85°	4556	13158	0	13158



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	1.3	0.1
10°-20°	12.8	0.6
20°-30°	39.9	1.7
30°-40°	79.5	3.5
40°-50°	125.6	5.5
50°-60°	172.0	7.5
60°-70°	212.7	9.3
70°-80°	242.4	10.6
80°-90°	257.0	11.2
90°-100°	257.0	11.2
100°-110°	242.4	10.6
110°-120°	212.7	9.3
120°-130°	172.0	7.5
130°-140°	125.6	5.5
140°-150°	79.5	3.5
150°-160°	39.9	1.7
160°-170°	12.8	0.6
170°-180°	1.3	0.1
0°-30°	54.0	2.4
0°-40°	133.5	5.8
0°-60°	431.0	18.9
0°-90°	1143.1	50.0
90°-120°	712.1	31.1
90°-150°	1089.1	47.6
90°-180°	1143.0	50.0
0°-180°	2286.2	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	1	1	1	1	1	
5°	18	6	0	6	18	3
15°	99	29	0	29	99	30
25°	192	56	0	56	192	90
35°	280	81	0	81	280	176
45°	355	103	0	103	355	277
55°	420	121	0	121	420	377
65°	472	135	1	135	472	468
75°	508	143	1	143	508	537
85°	526	147	0	147	526	428
90°	523	148	0	148	523	288
95°	526	147	0	147	526	428
105°	508	143	1	143	508	537
115°	472	135	1	135	472	468
125°	420	121	0	121	420	377
135°	355	103	0	103	355	277
145°	280	81	0	81	280	176
155°	192	56	0	56	192	90
165°	99	29	0	29	99	30
175°	18	6	0	6	18	3
180°	0	0	0	0	0	



TEST NUMBER: P231960

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**CANDELA DISTRIBUTION (FULL):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
2.5°	5.5	5.6	5.7	5.9	6.0	6.1	6.2	6.1	6.1	6.2	6.2
5°	18.0	18.2	18.4	18.6	18.8	18.4	18.4	18.3	18.1	17.9	17.7
7.5°	35.2	35.5	35.7	36.0	35.4	35.3	35.0	34.6	34.2	33.6	33.0
10°	54.0	54.4	54.8	55.2	54.5	54.2	53.8	53.2	52.5	51.7	50.6
12.5°	76.7	77.1	77.6	77.0	76.7	76.2	75.4	74.5	73.3	72.0	71.0
15°	99.4	100.0	100.7	100.1	99.7	99.1	98.3	97.1	95.9	95.0	93.9
17.5°	122.9	123.6	124.4	123.7	123.3	122.5	121.5	120.6	119.6	118.4	116.9
20°	145.6	146.3	147.0	146.1	145.6	144.8	144.0	143.4	142.4	141.1	139.5
22.5°	169.0	169.8	170.6	169.5	168.8	167.9	167.6	166.8	165.5	163.8	161.6
25°	192.5	193.4	193.4	193.1	192.3	191.8	191.3	190.4	189.2	187.6	185.8
27.5°	214.4	215.4	215.4	215.2	214.6	214.7	214.3	213.3	211.5	209.9	207.7
30°	237.1	238.0	237.8	237.3	237.1	237.1	236.7	235.7	234.6	233.2	230.7
32.5°	256.7	257.7	257.6	257.2	257.9	258.3	258.0	257.2	255.9	253.9	251.5
35°	280.2	280.4	279.4	278.4	279.0	279.0	278.7	278.3	277.2	275.2	272.8
37.5°	298.2	299.4	299.2	299.1	299.1	298.6	298.8	298.9	298.2	296.1	293.5
40°	322.4	321.1	318.4	318.0	318.4	318.1	318.3	318.1	317.3	315.5	312.9
42.5°	338.1	337.7	335.9	336.4	336.8	337.4	337.8	337.4	336.6	334.9	332.3
45°	355.3	355.3	353.7	355.1	355.6	356.2	356.6	356.7	354.8	353.3	350.5
47.5°	374.8	373.1	370.6	371.8	372.7	373.7	373.9	373.1	371.8	370.8	368.3
50°	392.8	390.5	388.0	388.7	389.5	390.1	390.5	390.2	389.3	387.0	384.1
52.5°	404.6	404.1	403.5	404.4	405.9	407.0	407.3	407.0	405.7	403.1	399.8
55°	420.2	420.2	419.6	420.0	421.3	422.3	422.7	422.5	420.9	417.9	414.5
57.5°	435.9	434.0	433.5	434.3	435.4	436.9	437.6	436.8	435.3	431.6	427.8
60°	446.8	447.5	447.3	448.1	449.1	450.3	451.0	450.0	448.0	444.1	439.8
62.5°	460.1	459.6	458.4	460.6	462.1	463.3	463.4	462.1	460.0	456.9	451.7
65°	471.9	471.3	470.2	472.2	473.6	475.4	475.0	473.7	471.1	467.7	463.5
67.5°	482.8	481.6	481.0	482.6	484.1	485.9	485.1	483.3	480.3	477.3	473.8
70°	491.5	491.2	490.6	491.8	494.1	494.6	493.7	491.7	489.1	486.2	483.5
72.5°	500.8	499.5	498.4	500.2	503.1	501.8	501.0	499.5	497.3	495.2	491.3
75°	507.9	505.9	505.8	508.2	508.7	508.3	507.0	506.4	504.3	501.8	498.2
77.5°	514.9	512.1	512.0	514.2	513.5	513.0	513.0	512.7	510.8	508.1	504.3
80°	518.8	516.8	517.4	517.6	516.3	517.6	518.5	517.9	515.3	512.6	508.6
82.5°	523.5	520.7	520.6	518.5	521.0	521.8	521.8	520.8	518.6	515.7	511.5
85°	525.9	523.8	519.1	521.9	523.3	523.7	523.9	522.7	520.6	517.9	513.7
87.5°	527.4	520.9	521.4	522.2	523.5	523.7	523.4	522.7	521.0	518.1	514.0
90°	522.8	518.1	518.1	520.4	522.0	522.8	523.5	522.0	520.4	518.1	514.1
92.5°	527.4	520.9	521.4	522.2	523.5	523.7	523.4	522.7	521.0	518.1	514.0
95°	525.9	523.8	519.1	521.9	523.3	523.7	523.9	522.7	520.6	517.9	513.7
97.5°	523.5	520.7	520.6	518.5	521.0	521.8	521.8	520.8	518.6	515.7	511.5
100°	518.8	516.8	517.4	517.6	516.3	517.6	518.5	517.9	515.3	512.6	508.6
102.5°	514.9	512.1	512.0	514.2	513.5	513.0	513.0	512.7	510.8	508.1	504.3
105°	507.9	505.9	505.8	508.2	508.7	508.3	507.0	506.4	504.3	501.8	498.2
107.5°	500.8	499.5	498.4	500.2	503.1	501.8	501.0	499.5	497.3	495.2	491.3
110°	491.5	491.2	490.6	491.8	494.1	494.6	493.7	491.7	489.1	486.2	483.5



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**CANDELA DISTRIBUTION (continued):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
112.5°	482.8	481.6	481.0	482.6	484.1	485.9	485.1	483.3	480.3	477.3	473.8
115°	471.9	471.3	470.2	472.2	473.6	475.4	475.0	473.7	471.1	467.7	463.5
117.5°	460.1	459.6	458.4	460.6	462.1	463.3	463.4	462.1	460.0	456.9	451.7
120°	446.8	447.5	447.3	448.1	449.1	450.3	451.0	450.0	448.0	444.1	439.8
122.5°	435.9	434.0	433.5	434.3	435.4	436.9	437.6	436.8	435.3	431.6	427.8
125°	420.2	420.2	419.6	420.0	421.3	422.3	422.7	422.5	420.9	417.9	414.5
127.5°	404.6	404.1	403.5	404.4	405.9	407.0	407.3	407.0	405.7	403.1	399.8
130°	392.8	390.5	388.0	388.7	389.5	390.1	390.5	390.2	389.3	387.0	384.1
132.5°	374.8	373.1	370.6	371.8	372.7	373.7	373.9	373.1	371.8	370.8	368.3
135°	355.3	355.3	353.7	355.1	355.6	356.2	356.6	356.7	354.8	353.3	350.5
137.5°	338.1	337.7	335.9	336.4	336.8	337.4	337.8	337.4	336.6	334.9	332.3
140°	322.4	321.1	318.4	318.0	318.4	318.1	318.3	318.1	317.3	315.5	312.9
142.5°	298.2	299.4	299.2	299.1	299.1	298.6	298.8	298.9	298.2	296.1	293.5
145°	280.2	280.4	279.4	278.4	279.0	279.0	278.7	278.3	277.2	275.2	272.8
147.5°	256.7	257.7	257.6	257.2	257.9	258.3	258.0	257.2	255.9	253.9	251.5
150°	237.1	238.0	237.8	237.3	237.1	237.1	236.7	235.7	234.6	233.2	230.7
152.5°	214.4	215.4	215.4	215.2	214.6	214.7	214.3	213.3	211.5	209.9	207.7
155°	192.5	193.4	193.4	193.1	192.3	191.8	191.3	190.4	189.2	187.6	185.8
157.5°	169.0	169.8	170.6	169.5	168.8	167.9	167.6	166.8	165.5	163.8	161.6
160°	145.6	146.3	147.0	146.1	145.6	144.8	144.0	143.4	142.4	141.1	139.5
162.5°	122.9	123.6	124.4	123.7	123.3	122.5	121.5	120.6	119.6	118.4	116.9
165°	99.4	100.0	100.7	100.1	99.7	99.1	98.3	97.1	95.9	95.0	93.9
167.5°	76.7	77.1	77.6	77.0	76.7	76.2	75.4	74.5	73.3	72.0	71.0
170°	54.0	54.4	54.8	55.2	54.5	54.2	53.8	53.2	52.5	51.7	50.6
172.5°	35.2	35.5	35.7	36.0	35.4	35.3	35.0	34.6	34.2	33.6	33.0
175°	18.0	18.2	18.4	18.6	18.8	18.4	18.4	18.3	18.1	17.9	17.7
177.5°	5.5	5.6	5.7	5.9	6.0	6.1	6.2	6.1	6.1	6.2	6.2
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°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
2.5°	6.2	6.2	6.2	6.2	6.2	6.1	6.1	6.0	5.9	5.8	5.7
5°	17.4	17.1	16.7	16.3	15.9	15.4	14.9	14.3	13.7	13.1	12.4
7.5°	32.2	31.4	30.5	29.6	28.5	27.4	26.1	25.3	24.3	23.5	22.7
10°	49.5	48.1	47.3	46.2	45.0	43.7	42.4	41.1	39.7	38.1	36.4
12.5°	70.0	68.8	67.4	65.8	64.1	62.4	60.5	58.5	56.3	53.9	51.4
15°	92.5	90.9	89.0	87.1	84.9	82.4	79.8	77.0	74.0	71.1	68.1
17.5°	115.1	113.0	110.8	108.4	106.0	103.3	100.4	97.1	93.6	89.7	85.5
20°	137.5	135.2	132.8	130.1	127.2	123.9	120.5	116.8	112.9	108.7	103.9
22.5°	159.5	157.2	154.6	151.6	148.2	144.5	140.6	136.5	132.1	127.0	121.7
25°	183.2	180.2	176.7	172.9	169.3	165.4	161.1	156.4	151.3	145.9	140.8
27.5°	205.2	202.3	199.2	195.6	191.2	186.5	182.2	176.2	170.5	164.3	157.8
30°	227.5	224.2	221.1	216.9	212.6	207.8	202.4	196.5	190.1	183.2	175.6
32.5°	249.3	246.4	242.4	237.9	233.4	228.3	222.4	216.0	209.2	202.0	193.6
35°	269.9	266.6	262.7	258.1	252.9	247.2	241.0	234.3	227.3	219.5	210.7
37.5°	290.6	287.5	283.5	279.0	272.2	266.3	259.8	252.2	244.4	236.6	227.3
40°	310.3	307.5	303.2	297.5	291.2	284.7	278.5	271.0	261.7	252.5	242.6
42.5°	329.5	326.3	322.0	316.0	309.9	302.0	294.3	286.9	278.6	268.9	258.4
45°	347.7	343.4	338.7	334.0	326.9	319.0	310.6	301.8	293.5	284.1	273.4
47.5°	364.3	359.6	354.4	349.0	342.8	335.0	326.7	317.6	308.2	298.4	287.5
50°	380.3	375.5	370.4	364.6	358.3	350.1	341.8	332.5	322.5	312.2	300.8
52.5°	395.8	390.6	385.2	379.1	371.8	364.6	355.7	346.1	336.3	325.4	313.5
55°	409.9	404.9	399.4	393.3	385.4	377.6	369.2	359.3	348.3	337.0	325.9
57.5°	423.3	418.3	412.8	406.0	398.4	390.6	381.3	371.2	360.7	348.6	336.0
60°	435.8	430.7	424.7	417.9	410.1	401.9	392.5	382.0	371.1	359.0	346.1
62.5°	447.1	442.4	436.1	429.1	421.3	413.1	403.6	392.5	380.5	368.6	355.6
65°	458.7	453.4	446.6	439.6	431.2	422.8	414.0	402.5	390.4	377.6	364.3
67.5°	469.2	463.8	456.6	448.9	440.3	431.5	422.0	410.6	399.0	386.1	372.0
70°	478.5	472.5	465.6	457.8	448.8	439.6	429.5	418.2	406.2	393.4	379.0
72.5°	486.5	480.4	473.4	465.3	456.2	446.5	436.5	425.2	412.6	399.4	384.9
75°	493.2	487.0	480.1	471.8	462.6	452.5	442.3	430.5	418.1	404.6	390.0
77.5°	499.0	492.8	485.2	476.9	467.4	458.0	447.3	435.5	422.7	408.8	394.3
80°	503.3	497.2	489.5	481.0	471.6	461.8	451.1	439.2	426.2	412.2	397.5
82.5°	506.5	500.6	493.0	484.4	474.9	464.7	453.0	441.2	428.7	414.7	400.1
85°	509.0	502.8	494.9	486.3	476.7	466.7	454.8	443.0	430.1	416.6	402.3
87.5°	509.2	503.2	496.1	487.5	477.4	468.0	456.0	444.3	431.5	417.9	403.5
90°	508.7	503.2	495.4	487.5	477.4	468.0	455.5	443.7	432.0	417.9	403.0
92.5°	509.2	503.2	496.1	487.5	477.4	468.0	456.0	444.3	431.5	417.9	403.5
95°	509.0	502.8	494.9	486.3	476.7	466.7	454.8	443.0	430.1	416.6	402.3
97.5°	506.5	500.6	493.0	484.4	474.9	464.7	453.0	441.2	428.7	414.7	400.1
100°	503.3	497.2	489.5	481.0	471.6	461.8	451.1	439.2	426.2	412.2	397.5
102.5°	499.0	492.8	485.2	476.9	467.4	458.0	447.3	435.5	422.7	408.8	394.3
105°	493.2	487.0	480.1	471.8	462.6	452.5	442.3	430.5	418.1	404.6	390.0
107.5°	486.5	480.4	473.4	465.3	456.2	446.5	436.5	425.2	412.6	399.4	384.9
110°	478.5	472.5	465.6	457.8	448.8	439.6	429.5	418.2	406.2	393.4	379.0





TEST NUMBER: P231960

CATALOG NUMBER: FVS4WM-4-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°	469.2	463.8	456.6	448.9	440.3	431.5	422.0	410.6	399.0	386.1	372.0
115°	458.7	453.4	446.6	439.6	431.2	422.8	414.0	402.5	390.4	377.6	364.3
117.5°	447.1	442.4	436.1	429.1	421.3	413.1	403.6	392.5	380.5	368.6	355.6
120°	435.8	430.7	424.7	417.9	410.1	401.9	392.5	382.0	371.1	359.0	346.1
122.5°	423.3	418.3	412.8	406.0	398.4	390.6	381.3	371.2	360.7	348.6	336.0
125°	409.9	404.9	399.4	393.3	385.4	377.6	369.2	359.3	348.3	337.0	325.9
127.5°	395.8	390.6	385.2	379.1	371.8	364.6	355.7	346.1	336.3	325.4	313.5
130°	380.3	375.5	370.4	364.6	358.3	350.1	341.8	332.5	322.5	312.2	300.8
132.5°	364.3	359.6	354.4	349.0	342.8	335.0	326.7	317.6	308.2	298.4	287.5
135°	347.7	343.4	338.7	334.0	326.9	319.0	310.6	301.8	293.5	284.1	273.4
137.5°	329.5	326.3	322.0	316.0	309.9	302.0	294.3	286.9	278.6	268.9	258.4
140°	310.3	307.5	303.2	297.5	291.2	284.7	278.5	271.0	261.7	252.5	242.6
142.5°	290.6	287.5	283.5	279.0	272.2	266.3	259.8	252.2	244.4	236.6	227.3
145°	269.9	266.6	262.7	258.1	252.9	247.2	241.0	234.3	227.3	219.5	210.7
147.5°	249.3	246.4	242.4	237.9	233.4	228.3	222.4	216.0	209.2	202.0	193.6
150°	227.5	224.2	221.1	216.9	212.6	207.8	202.4	196.5	190.1	183.2	175.6
152.5°	205.2	202.3	199.2	195.6	191.2	186.5	182.2	176.2	170.5	164.3	157.8
155°	183.2	180.2	176.7	172.9	169.3	165.4	161.1	156.4	151.3	145.9	140.8
157.5°	159.5	157.2	154.6	151.6	148.2	144.5	140.6	136.5	132.1	127.0	121.7
160°	137.5	135.2	132.8	130.1	127.2	123.9	120.5	116.8	112.9	108.7	103.9
162.5°	115.1	113.0	110.8	108.4	106.0	103.3	100.4	97.1	93.6	89.7	85.5
165°	92.5	90.9	89.0	87.1	84.9	82.4	79.8	77.0	74.0	71.1	68.1
167.5°	70.0	68.8	67.4	65.8	64.1	62.4	60.5	58.5	56.3	53.9	51.4
170°	49.5	48.1	47.3	46.2	45.0	43.7	42.4	41.1	39.7	38.1	36.4
172.5°	32.2	31.4	30.5	29.6	28.5	27.4	26.1	25.3	24.3	23.5	22.7
175°	17.4	17.1	16.7	16.3	15.9	15.4	14.9	14.3	13.7	13.1	12.4
177.5°	6.2	6.2	6.2	6.2	6.2	6.1	6.1	6.0	5.9	5.8	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: P231960

CATALOG NUMBER: FVS4WM-4-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°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
2.5°	5.6	5.5	5.4	5.2	5.1	4.9	4.7	4.6	4.4	4.2	4.0
5°	11.7	11.0	10.3	10.0	9.6	9.3	8.9	8.6	8.2	7.8	7.3
7.5°	21.9	21.0	20.0	18.9	17.8	16.7	15.4	14.8	14.3	13.8	13.2
10°	34.6	32.7	30.8	29.3	27.7	26.1	24.4	22.7	20.8	19.9	19.1
12.5°	49.1	46.8	44.3	41.7	39.0	36.6	34.6	32.5	30.2	27.9	26.5
15°	65.0	61.6	58.6	55.1	51.9	48.6	45.2	42.5	39.9	37.1	34.2
17.5°	81.7	77.2	73.1	68.9	64.8	61.0	57.0	52.9	49.5	46.2	42.9
20°	98.9	93.7	88.5	83.7	78.8	73.7	69.0	64.2	59.2	55.3	51.5
22.5°	116.0	110.2	104.3	98.3	92.7	86.9	80.8	75.6	70.3	65.4	61.2
25°	133.4	126.4	119.4	113.1	106.6	100.0	93.2	86.6	80.5	74.1	69.3
27.5°	150.9	143.6	136.0	128.4	120.9	113.0	105.7	98.2	91.0	84.0	77.7
30°	168.0	160.2	152.2	143.8	135.2	126.7	118.2	109.9	101.8	94.0	86.5
32.5°	185.0	176.5	167.9	158.9	149.5	139.9	130.4	120.9	111.5	102.8	94.6
35°	201.6	192.2	182.7	173.0	162.8	152.3	141.9	131.8	121.1	111.2	102.4
37.5°	217.4	207.3	196.9	186.4	176.5	164.7	153.4	142.0	131.1	120.4	110.9
40°	232.2	222.1	211.1	199.9	188.4	176.5	164.6	152.6	140.9	130.1	119.7
42.5°	247.0	236.1	224.8	213.2	201.1	188.3	175.4	162.7	150.0	138.4	126.9
45°	261.9	250.0	237.7	225.2	212.8	199.4	185.9	172.3	158.9	146.2	133.8
47.5°	275.8	263.5	250.4	237.1	223.7	210.1	195.9	181.5	167.3	153.6	140.6
50°	288.8	276.3	263.1	248.3	234.2	220.0	205.2	190.1	175.1	160.6	147.3
52.5°	300.8	287.7	274.2	259.9	244.9	229.6	214.0	198.5	183.0	167.4	153.4
55°	312.2	298.6	284.6	270.1	254.3	238.2	222.2	206.5	190.9	174.4	159.3
57.5°	322.7	308.6	294.7	279.3	263.2	246.6	230.0	213.7	197.5	180.4	164.7
60°	333.0	318.0	303.3	287.8	271.6	254.6	237.4	220.6	203.1	185.8	169.8
62.5°	341.5	327.0	311.9	295.9	279.5	262.2	244.1	226.6	208.8	190.9	174.1
65°	349.9	334.9	319.7	303.3	286.1	268.8	250.0	231.8	214.1	195.9	178.3
67.5°	357.8	342.7	326.7	310.2	292.4	274.8	255.7	237.1	219.0	200.6	182.7
70°	364.5	348.7	332.3	314.9	298.2	280.3	260.8	241.9	223.5	204.8	186.6
72.5°	369.9	354.3	338.1	321.0	303.5	284.8	265.2	245.8	226.8	207.8	189.6
75°	374.9	359.2	342.7	325.6	307.8	288.6	269.1	249.4	229.5	210.2	192.2
77.5°	379.5	363.5	346.8	329.4	311.2	291.6	272.2	252.2	232.3	212.4	193.8
80°	382.6	366.2	349.6	332.0	313.5	293.7	274.9	254.4	234.9	214.4	195.2
82.5°	385.1	368.3	352.1	334.1	315.6	295.9	276.3	255.8	236.4	215.9	196.8
85°	386.4	369.9	354.1	335.6	317.5	298.7	277.8	257.5	237.9	217.6	197.2
87.5°	387.4	371.2	355.3	336.5	317.8	298.9	278.2	257.1	237.9	217.9	197.2
90°	387.4	371.7	355.3	336.5	316.9	298.9	278.6	256.7	237.9	218.3	197.2
92.5°	387.4	371.2	355.3	336.5	317.8	298.9	278.2	257.1	237.9	217.9	197.2
95°	386.4	369.9	354.1	335.6	317.5	298.7	277.8	257.5	237.9	217.6	197.2
97.5°	385.1	368.3	352.1	334.1	315.6	295.9	276.3	255.8	236.4	215.9	196.8
100°	382.6	366.2	349.6	332.0	313.5	293.7	274.9	254.4	234.9	214.4	195.2
102.5°	379.5	363.5	346.8	329.4	311.2	291.6	272.2	252.2	232.3	212.4	193.8
105°	374.9	359.2	342.7	325.6	307.8	288.6	269.1	249.4	229.5	210.2	192.2
107.5°	369.9	354.3	338.1	321.0	303.5	284.8	265.2	245.8	226.8	207.8	189.6
110°	364.5	348.7	332.3	314.9	298.2	280.3	260.8	241.9	223.5	204.8	186.6



TEST NUMBER: P231960

CATALOG NUMBER: FVS4WM-4-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°	357.8	342.7	326.7	310.2	292.4	274.8	255.7	237.1	219.0	200.6	182.7
115°	349.9	334.9	319.7	303.3	286.1	268.8	250.0	231.8	214.1	195.9	178.3
117.5°	341.5	327.0	311.9	295.9	279.5	262.2	244.1	226.6	208.8	190.9	174.1
120°	333.0	318.0	303.3	287.8	271.6	254.6	237.4	220.6	203.1	185.8	169.8
122.5°	322.7	308.6	294.7	279.3	263.2	246.6	230.0	213.7	197.5	180.4	164.7
125°	312.2	298.6	284.6	270.1	254.3	238.2	222.2	206.5	190.9	174.4	159.3
127.5°	300.8	287.7	274.2	259.9	244.9	229.6	214.0	198.5	183.0	167.4	153.4
130°	288.8	276.3	263.1	248.3	234.2	220.0	205.2	190.1	175.1	160.6	147.3
132.5°	275.8	263.5	250.4	237.1	223.7	210.1	195.9	181.5	167.3	153.6	140.6
135°	261.9	250.0	237.7	225.2	212.8	199.4	185.9	172.3	158.9	146.2	133.8
137.5°	247.0	236.1	224.8	213.2	201.1	188.3	175.4	162.7	150.0	138.4	126.9
140°	232.2	222.1	211.1	199.9	188.4	176.5	164.6	152.6	140.9	130.1	119.7
142.5°	217.4	207.3	196.9	186.4	176.5	164.7	153.4	142.0	131.1	120.4	110.9
145°	201.6	192.2	182.7	173.0	162.8	152.3	141.9	131.8	121.1	111.2	102.4
147.5°	185.0	176.5	167.9	158.9	149.5	139.9	130.4	120.9	111.5	102.8	94.6
150°	168.0	160.2	152.2	143.8	135.2	126.7	118.2	109.9	101.8	94.0	86.5
152.5°	150.9	143.6	136.0	128.4	120.9	113.0	105.7	98.2	91.0	84.0	77.7
155°	133.4	126.4	119.4	113.1	106.6	100.0	93.2	86.6	80.5	74.1	69.3
157.5°	116.0	110.2	104.3	98.3	92.7	86.9	80.8	75.6	70.3	65.4	61.2
160°	98.9	93.7	88.5	83.7	78.8	73.7	69.0	64.2	59.2	55.3	51.5
162.5°	81.7	77.2	73.1	68.9	64.8	61.0	57.0	52.9	49.5	46.2	42.9
165°	65.0	61.6	58.6	55.1	51.9	48.6	45.2	42.5	39.9	37.1	34.2
167.5°	49.1	46.8	44.3	41.7	39.0	36.6	34.6	32.5	30.2	27.9	26.5
170°	34.6	32.7	30.8	29.3	27.7	26.1	24.4	22.7	20.8	19.9	19.1
172.5°	21.9	21.0	20.0	18.9	17.8	16.7	15.4	14.8	14.3	13.8	13.2
175°	11.7	11.0	10.3	10.0	9.6	9.3	8.9	8.6	8.2	7.8	7.3
177.5°	5.6	5.5	5.4	5.2	5.1	4.9	4.7	4.6	4.4	4.2	4.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231960

CATALOG NUMBER: FVS4WM-4-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°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
2.5°	3.8	3.6	3.4	3.2	3.1	3.1	3.0	3.0	2.9	2.9	2.8
5°	6.9	6.4	6.0	5.5	5.4	5.3	5.3	5.2	5.0	4.9	4.8
7.5°	12.6	12.0	11.3	10.6	10.5	10.3	10.2	10.0	9.7	9.5	9.2
10°	18.3	17.5	16.6	15.7	15.5	15.3	15.1	14.8	14.5	14.2	13.8
12.5°	25.6	24.6	23.5	22.4	22.1	21.7	21.3	20.9	20.4	19.9	19.4
15°	32.9	31.6	30.4	29.0	28.6	28.0	27.5	26.9	26.3	25.7	25.1
17.5°	40.2	38.9	37.5	36.0	35.4	34.7	33.9	33.2	32.6	31.9	31.1
20°	47.6	46.0	44.6	43.0	42.2	41.2	40.3	39.7	39.0	38.2	37.0
22.5°	56.9	53.9	51.7	49.3	48.6	47.9	47.0	46.1	45.1	44.2	43.1
25°	65.0	61.4	58.9	56.3	55.6	54.8	53.8	52.8	51.6	50.4	49.2
27.5°	72.8	68.2	65.6	63.0	62.0	61.0	59.9	58.8	57.7	56.5	55.0
30°	80.7	74.9	72.3	69.6	68.4	67.1	66.0	64.8	63.8	62.7	60.9
32.5°	88.0	82.0	78.6	75.5	74.4	73.2	72.0	70.8	69.7	68.3	66.3
35°	95.0	89.0	84.9	81.4	80.4	79.3	78.1	76.8	75.4	73.5	71.4
37.5°	102.2	95.4	90.8	87.3	86.0	84.7	83.5	82.1	80.7	78.6	76.6
40°	109.6	101.9	96.6	93.1	91.6	90.1	88.8	87.4	85.7	83.5	81.7
42.5°	115.7	108.0	102.1	98.2	96.6	95.1	93.8	92.3	90.5	88.4	86.5
45°	122.1	113.9	107.7	103.3	101.6	100.1	98.7	97.2	95.2	93.1	91.3
47.5°	128.6	119.4	112.7	108.4	106.3	104.7	103.3	101.8	99.7	97.6	95.5
50°	135.1	125.0	117.6	113.5	111.0	109.3	107.9	106.3	104.0	101.8	99.4
52.5°	140.2	129.5	122.0	117.4	115.1	113.5	111.9	110.1	108.1	105.6	103.1
55°	145.2	133.9	126.4	121.3	119.3	117.8	115.9	113.9	112.1	109.2	106.7
57.5°	150.2	138.2	130.1	124.8	122.8	121.2	119.5	117.5	115.2	112.5	110.0
60°	155.1	142.5	133.7	128.3	126.3	124.7	123.2	120.9	118.2	115.7	113.3
62.5°	159.2	146.4	137.0	131.5	129.4	127.8	126.0	123.7	121.1	118.7	115.9
65°	163.1	150.3	140.3	134.6	132.5	130.9	128.8	126.5	124.1	121.4	118.3
67.5°	166.6	152.5	142.7	136.9	134.8	133.2	131.1	128.7	126.4	123.7	120.5
70°	169.2	155.1	145.2	139.3	137.0	135.5	133.3	131.0	128.2	125.6	122.3
72.5°	171.8	157.4	147.2	141.3	138.6	137.1	135.1	132.6	129.9	127.2	123.8
75°	174.4	159.6	149.5	143.2	140.2	138.6	137.0	134.1	131.6	128.6	125.4
77.5°	175.8	161.4	150.6	144.4	141.7	139.8	138.2	135.2	132.8	129.8	126.4
80°	176.9	163.6	151.8	145.6	143.2	141.0	139.3	136.3	133.9	130.8	127.1
82.5°	178.8	163.9	152.2	146.4	143.6	141.7	139.7	137.0	134.3	131.2	127.7
85°	180.0	164.3	152.6	147.1	144.0	142.4	140.1	137.7	134.6	131.5	128.3
87.5°	180.0	164.7	153.0	147.5	144.4	142.8	140.5	137.7	135.0	131.9	128.3
90°	180.0	165.1	153.4	147.9	144.8	143.2	140.9	137.7	135.4	132.3	128.3
92.5°	180.0	164.7	153.0	147.5	144.4	142.8	140.5	137.7	135.0	131.9	128.3
95°	180.0	164.3	152.6	147.1	144.0	142.4	140.1	137.7	134.6	131.5	128.3
97.5°	178.8	163.9	152.2	146.4	143.6	141.7	139.7	137.0	134.3	131.2	127.7
100°	176.9	163.6	151.8	145.6	143.2	141.0	139.3	136.3	133.9	130.8	127.1
102.5°	175.8	161.4	150.6	144.4	141.7	139.8	138.2	135.2	132.8	129.8	126.4
105°	174.4	159.6	149.5	143.2	140.2	138.6	137.0	134.1	131.6	128.6	125.4
107.5°	171.8	157.4	147.2	141.3	138.6	137.1	135.1	132.6	129.9	127.2	123.8
110°	169.2	155.1	145.2	139.3	137.0	135.5	133.3	131.0	128.2	125.6	122.3



TEST NUMBER: P231960

CATALOG NUMBER: FVS4WM-4-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°	166.6	152.5	142.7	136.9	134.8	133.2	131.1	128.7	126.4	123.7	120.5
115°	163.1	150.3	140.3	134.6	132.5	130.9	128.8	126.5	124.1	121.4	118.3
117.5°	159.2	146.4	137.0	131.5	129.4	127.8	126.0	123.7	121.1	118.7	115.9
120°	155.1	142.5	133.7	128.3	126.3	124.7	123.2	120.9	118.2	115.7	113.3
122.5°	150.2	138.2	130.1	124.8	122.8	121.2	119.5	117.5	115.2	112.5	110.0
125°	145.2	133.9	126.4	121.3	119.3	117.8	115.9	113.9	112.1	109.2	106.7
127.5°	140.2	129.5	122.0	117.4	115.1	113.5	111.9	110.1	108.1	105.6	103.1
130°	135.1	125.0	117.6	113.5	111.0	109.3	107.9	106.3	104.0	101.8	99.4
132.5°	128.6	119.4	112.7	108.4	106.3	104.7	103.3	101.8	99.7	97.6	95.5
135°	122.1	113.9	107.7	103.3	101.6	100.1	98.7	97.2	95.2	93.1	91.3
137.5°	115.7	108.0	102.1	98.2	96.6	95.1	93.8	92.3	90.5	88.4	86.5
140°	109.6	101.9	96.6	93.1	91.6	90.1	88.8	87.4	85.7	83.5	81.7
142.5°	102.2	95.4	90.8	87.3	86.0	84.7	83.5	82.1	80.7	78.6	76.6
145°	95.0	89.0	84.9	81.4	80.4	79.3	78.1	76.8	75.4	73.5	71.4
147.5°	88.0	82.0	78.6	75.5	74.4	73.2	72.0	70.8	69.7	68.3	66.3
150°	80.7	74.9	72.3	69.6	68.4	67.1	66.0	64.8	63.8	62.7	60.9
152.5°	72.8	68.2	65.6	63.0	62.0	61.0	59.9	58.8	57.7	56.5	55.0
155°	65.0	61.4	58.9	56.3	55.6	54.8	53.8	52.8	51.6	50.4	49.2
157.5°	56.9	53.9	51.7	49.3	48.6	47.9	47.0	46.1	45.1	44.2	43.1
160°	47.6	46.0	44.6	43.0	42.2	41.2	40.3	39.7	39.0	38.2	37.0
162.5°	40.2	38.9	37.5	36.0	35.4	34.7	33.9	33.2	32.6	31.9	31.1
165°	32.9	31.6	30.4	29.0	28.6	28.0	27.5	26.9	26.3	25.7	25.1
167.5°	25.6	24.6	23.5	22.4	22.1	21.7	21.3	20.9	20.4	19.9	19.4
170°	18.3	17.5	16.6	15.7	15.5	15.3	15.1	14.8	14.5	14.2	13.8
172.5°	12.6	12.0	11.3	10.6	10.5	10.3	10.2	10.0	9.7	9.5	9.2
175°	6.9	6.4	6.0	5.5	5.4	5.3	5.3	5.2	5.0	4.9	4.8
177.5°	3.8	3.6	3.4	3.2	3.1	3.1	3.0	3.0	2.9	2.9	2.8
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231960

CATALOG NUMBER: FVS4WM-4-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°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
2.5°	2.7	2.7	2.6	2.5	2.4	2.4	2.3	2.2	2.1	2.0	1.9
5°	4.7	4.5	4.4	4.2	4.1	3.9	3.8	3.6	3.4	3.3	3.1
7.5°	8.9	8.5	8.2	7.8	7.4	6.9	6.5	6.0	5.5	5.0	4.5
10°	13.4	13.0	12.5	12.0	11.4	10.9	10.3	9.7	9.2	8.5	7.9
12.5°	18.8	18.1	17.4	16.6	15.8	15.0	14.1	13.3	12.5	11.7	10.8
15°	24.4	23.5	22.5	21.5	20.5	19.6	18.6	17.5	16.4	15.3	14.0
17.5°	30.0	28.9	27.6	26.5	25.4	24.2	23.1	21.9	20.6	19.2	17.8
20°	35.8	34.5	33.3	32.0	30.6	29.3	27.9	26.4	24.8	22.9	21.3
22.5°	41.9	40.4	38.8	37.2	35.8	34.3	32.7	30.9	28.9	26.9	24.9
25°	47.8	46.3	44.7	43.0	41.2	39.3	37.3	35.2	33.1	31.0	28.8
27.5°	53.4	51.7	49.9	48.1	46.2	44.1	41.9	39.7	37.4	34.9	32.4
30°	58.9	57.1	55.2	53.2	51.0	48.7	46.2	43.6	41.1	38.4	35.7
32.5°	64.3	62.5	60.4	58.0	55.7	53.3	50.6	48.0	45.3	42.6	39.7
35°	69.6	67.7	65.2	62.7	60.4	57.9	55.1	52.2	49.2	46.2	43.1
37.5°	74.8	72.6	70.1	67.5	64.8	62.0	59.1	56.0	52.9	49.7	46.3
40°	79.7	77.2	74.5	71.7	69.0	66.1	63.1	59.8	56.3	52.9	49.5
42.5°	84.4	81.9	78.8	75.8	73.0	70.0	66.9	63.2	59.6	56.3	52.6
45°	88.6	85.8	82.8	79.8	76.9	74.0	70.4	66.7	63.0	59.2	55.3
47.5°	92.6	89.9	87.0	83.7	80.4	77.0	73.5	69.9	66.1	62.1	58.2
50°	96.7	93.7	90.5	87.1	83.8	80.1	76.5	72.8	68.9	64.9	60.8
52.5°	100.4	97.2	94.0	90.6	87.0	83.3	79.4	75.6	71.7	67.2	63.2
55°	103.8	100.5	97.2	93.6	90.1	86.3	82.1	77.9	73.9	69.7	65.5
57.5°	107.0	103.7	100.2	96.3	92.9	88.7	84.5	80.4	76.5	72.0	67.4
60°	110.0	106.4	102.8	99.1	95.3	91.2	87.0	82.7	78.4	73.8	69.3
62.5°	112.8	109.0	105.6	101.7	97.6	93.4	89.1	84.6	80.3	75.3	70.6
65°	115.1	111.6	107.5	103.8	99.7	95.5	91.0	86.4	81.9	76.8	72.1
67.5°	117.2	113.6	109.5	106.0	101.9	97.1	92.7	88.1	83.3	78.3	73.3
70°	118.8	115.3	111.7	107.6	103.1	98.8	94.4	89.6	84.8	79.7	74.3
72.5°	120.4	116.7	112.8	108.8	104.6	100.1	95.6	90.6	85.6	80.7	75.1
75°	121.8	117.9	114.0	109.7	105.4	101.1	96.6	91.6	86.4	81.4	75.9
77.5°	122.8	119.0	115.1	110.6	106.3	101.9	97.2	92.4	87.2	81.7	76.3
80°	123.7	119.9	116.0	111.4	106.8	102.2	97.8	92.9	87.5	82.0	76.5
82.5°	124.2	120.3	116.4	111.8	107.1	102.5	98.4	93.2	87.8	82.3	76.8
85°	124.5	120.6	116.7	112.0	107.3	102.6	98.1	93.2	87.8	82.4	76.9
87.5°	124.8	120.9	116.6	112.3	107.6	102.9	98.2	93.2	87.7	82.3	76.8
90°	125.2	121.3	116.6	112.7	108.0	103.3	98.6	93.1	87.6	82.2	76.7
92.5°	124.8	120.9	116.6	112.3	107.6	102.9	98.2	93.2	87.7	82.3	76.8
95°	124.5	120.6	116.7	112.0	107.3	102.6	98.1	93.2	87.8	82.4	76.9
97.5°	124.2	120.3	116.4	111.8	107.1	102.5	98.4	93.2	87.8	82.3	76.8
100°	123.7	119.9	116.0	111.4	106.8	102.2	97.8	92.9	87.5	82.0	76.5
102.5°	122.8	119.0	115.1	110.6	106.3	101.9	97.2	92.4	87.2	81.7	76.3
105°	121.8	117.9	114.0	109.7	105.4	101.1	96.6	91.6	86.4	81.4	75.9
107.5°	120.4	116.7	112.8	108.8	104.6	100.1	95.6	90.6	85.6	80.7	75.1
110°	118.8	115.3	111.7	107.6	103.1	98.8	94.4	89.6	84.8	79.7	74.3



TEST NUMBER: P231960

CATALOG NUMBER: FVS4WM-4-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°	117.2	113.6	109.5	106.0	101.9	97.1	92.7	88.1	83.3	78.3	73.3
115°	115.1	111.6	107.5	103.8	99.7	95.5	91.0	86.4	81.9	76.8	72.1
117.5°	112.8	109.0	105.6	101.7	97.6	93.4	89.1	84.6	80.3	75.3	70.6
120°	110.0	106.4	102.8	99.1	95.3	91.2	87.0	82.7	78.4	73.8	69.3
122.5°	107.0	103.7	100.2	96.3	92.9	88.7	84.5	80.4	76.5	72.0	67.4
125°	103.8	100.5	97.2	93.6	90.1	86.3	82.1	77.9	73.9	69.7	65.5
127.5°	100.4	97.2	94.0	90.6	87.0	83.3	79.4	75.6	71.7	67.2	63.2
130°	96.7	93.7	90.5	87.1	83.8	80.1	76.5	72.8	68.9	64.9	60.8
132.5°	92.6	89.9	87.0	83.7	80.4	77.0	73.5	69.9	66.1	62.1	58.2
135°	88.6	85.8	82.8	79.8	76.9	74.0	70.4	66.7	63.0	59.2	55.3
137.5°	84.4	81.9	78.8	75.8	73.0	70.0	66.9	63.2	59.6	56.3	52.6
140°	79.7	77.2	74.5	71.7	69.0	66.1	63.1	59.8	56.3	52.9	49.5
142.5°	74.8	72.6	70.1	67.5	64.8	62.0	59.1	56.0	52.9	49.7	46.3
145°	69.6	67.7	65.2	62.7	60.4	57.9	55.1	52.2	49.2	46.2	43.1
147.5°	64.3	62.5	60.4	58.0	55.7	53.3	50.6	48.0	45.3	42.6	39.7
150°	58.9	57.1	55.2	53.2	51.0	48.7	46.2	43.6	41.1	38.4	35.7
152.5°	53.4	51.7	49.9	48.1	46.2	44.1	41.9	39.7	37.4	34.9	32.4
155°	47.8	46.3	44.7	43.0	41.2	39.3	37.3	35.2	33.1	31.0	28.8
157.5°	41.9	40.4	38.8	37.2	35.8	34.3	32.7	30.9	28.9	26.9	24.9
160°	35.8	34.5	33.3	32.0	30.6	29.3	27.9	26.4	24.8	22.9	21.3
162.5°	30.0	28.9	27.6	26.5	25.4	24.2	23.1	21.9	20.6	19.2	17.8
165°	24.4	23.5	22.5	21.5	20.5	19.6	18.6	17.5	16.4	15.3	14.0
167.5°	18.8	18.1	17.4	16.6	15.8	15.0	14.1	13.3	12.5	11.7	10.8
170°	13.4	13.0	12.5	12.0	11.4	10.9	10.3	9.7	9.2	8.5	7.9
172.5°	8.9	8.5	8.2	7.8	7.4	6.9	6.5	6.0	5.5	5.0	4.5
175°	4.7	4.5	4.4	4.2	4.1	3.9	3.8	3.6	3.4	3.3	3.1
177.5°	2.7	2.7	2.6	2.5	2.4	2.4	2.3	2.2	2.1	2.0	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: P231960

CATALOG NUMBER: FVS4WM-4-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°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
2.5°	1.8	1.7	1.6	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.7
5°	2.9	2.8	2.6	2.4	2.2	2.1	1.9	1.7	1.5	1.4	1.2
7.5°	3.9	3.8	3.6	3.4	3.2	2.9	2.7	2.5	2.2	2.0	1.8
10°	7.3	6.6	5.9	5.1	4.4	3.5	3.2	2.9	2.6	2.3	2.0
12.5°	10.0	9.1	8.2	7.3	6.4	5.5	4.6	3.7	3.0	2.7	2.4
15°	12.8	11.6	10.6	9.6	8.6	7.5	6.4	5.3	4.2	3.0	2.3
17.5°	16.3	14.8	13.3	11.8	10.4	9.2	7.9	6.7	5.4	4.2	3.0
20°	19.5	17.8	16.2	14.5	12.8	11.0	9.4	8.1	6.8	5.4	4.1
22.5°	23.0	21.0	19.2	17.1	15.1	13.1	11.1	9.2	7.8	6.3	4.9
25°	26.6	24.2	21.8	19.5	17.4	15.3	13.1	10.9	8.7	7.1	5.5
27.5°	29.9	27.4	24.9	22.5	19.9	17.3	14.9	12.4	10.1	7.6	6.1
30°	33.1	30.5	27.8	25.0	22.2	19.4	16.6	14.2	11.6	9.0	6.5
32.5°	36.6	33.6	30.7	27.5	24.7	21.7	18.7	15.4	12.8	10.1	7.5
35°	39.8	36.8	33.7	30.4	27.0	23.7	20.5	17.4	14.3	11.4	8.5
37.5°	43.1	39.9	36.3	32.9	29.5	25.9	22.5	19.0	15.6	12.1	9.1
40°	46.1	42.5	38.8	35.0	31.3	27.8	24.3	20.4	16.7	13.0	9.7
42.5°	48.8	45.2	41.4	37.5	33.8	29.6	25.2	21.2	17.5	13.9	10.7
45°	51.6	47.8	43.9	39.9	35.4	30.9	26.5	22.0	18.2	14.6	11.1
47.5°	54.3	50.1	45.9	41.5	37.0	32.4	27.7	23.1	19.4	15.1	11.3
50°	56.7	52.2	47.8	43.0	38.2	33.2	28.3	23.8	19.7	15.8	11.7
52.5°	58.8	54.0	49.5	44.5	39.1	34.0	29.2	24.6	20.3	16.1	12.2
55°	60.7	56.1	51.3	45.8	40.4	34.9	29.8	25.2	21.0	16.6	12.5
57.5°	62.6	57.8	52.8	47.1	41.8	36.0	30.6	26.0	21.5	16.9	12.6
60°	64.1	59.3	54.0	47.9	42.3	36.7	31.1	26.5	21.7	17.0	12.8
62.5°	65.7	60.8	55.4	49.1	43.1	37.3	31.7	26.5	21.5	17.1	13.0
65°	67.1	61.9	56.4	50.2	43.9	38.1	32.2	26.7	22.1	17.2	13.0
67.5°	68.2	63.1	57.6	51.6	45.0	38.8	32.6	27.2	22.3	17.3	12.9
70°	69.2	63.8	58.2	52.6	45.8	38.8	32.8	27.1	22.3	17.0	12.8
72.5°	70.2	64.5	59.2	53.4	47.0	39.7	33.5	27.5	22.0	16.8	12.3
75°	70.9	65.1	59.9	53.7	47.6	40.5	33.5	27.6	22.0	16.7	11.8
77.5°	71.1	65.6	59.9	53.9	48.2	41.6	34.7	27.9	21.5	16.3	11.5
80°	71.0	65.5	59.9	53.9	48.1	42.2	35.3	27.9	21.7	16.0	11.0
82.5°	71.3	65.3	59.7	53.9	48.1	42.1	35.6	28.9	22.1	15.8	10.4
85°	71.3	65.2	59.4	53.9	47.8	41.6	35.3	29.5	23.1	16.6	10.2
87.5°	71.3	65.3	59.7	53.9	48.1	42.1	35.6	28.9	22.1	15.8	10.4
90°	71.2	65.7	59.5	53.2	47.7	41.5	35.2	29.0	22.7	16.4	11.0
92.5°	71.3	65.3	59.0	53.4	47.3	41.7	34.7	29.3	23.0	17.2	10.9
95°	71.3	65.2	59.4	53.9	47.8	41.6	35.3	29.5	23.1	16.6	10.2
97.5°	71.3	65.3	59.7	53.9	48.1	42.1	35.6	28.9	22.1	15.8	10.4
100°	71.0	65.5	59.9	53.9	48.1	42.2	35.3	27.9	21.7	16.0	11.0
102.5°	71.1	65.6	59.9	53.9	48.2	41.6	34.7	27.9	21.5	16.3	11.5
105°	70.9	65.1	59.9	53.7	47.6	40.5	33.5	27.6	22.0	16.7	11.8
107.5°	70.2	64.5	59.2	53.4	47.0	39.7	33.5	27.5	22.0	16.8	12.3
110°	69.2	63.8	58.2	52.6	45.8	38.8	32.8	27.1	22.3	17.0	12.8





TEST NUMBER: P231960

CATALOG NUMBER: FVS4WM-4-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°	68.2	63.1	57.6	51.6	45.0	38.8	32.6	27.2	22.3	17.3	12.9
115°	67.1	61.9	56.4	50.2	43.9	38.1	32.2	26.7	22.1	17.2	13.0
117.5°	65.7	60.8	55.4	49.1	43.1	37.3	31.7	26.5	21.5	17.1	13.0
120°	64.1	59.3	54.0	47.9	42.3	36.7	31.1	26.5	21.7	17.0	12.8
122.5°	62.6	57.8	52.8	47.1	41.8	36.0	30.6	26.0	21.5	16.9	12.6
125°	60.7	56.1	51.3	45.8	40.4	34.9	29.8	25.2	21.0	16.6	12.5
127.5°	58.8	54.0	49.5	44.5	39.1	34.0	29.2	24.6	20.3	16.1	12.2
130°	56.7	52.2	47.8	43.0	38.2	33.2	28.3	23.8	19.7	15.8	11.7
132.5°	54.3	50.1	45.9	41.5	37.0	32.4	27.7	23.1	19.4	15.1	11.3
135°	51.6	47.8	43.9	39.9	35.4	30.9	26.5	22.0	18.2	14.6	11.1
137.5°	48.8	45.2	41.4	37.5	33.8	29.6	25.2	21.2	17.5	13.9	10.7
140°	46.1	42.5	38.8	35.0	31.3	27.8	24.3	20.4	16.7	13.0	9.7
142.5°	43.1	39.9	36.3	32.9	29.5	25.9	22.5	19.0	15.6	12.1	9.1
145°	39.8	36.8	33.7	30.4	27.0	23.7	20.5	17.4	14.3	11.4	8.5
147.5°	36.6	33.6	30.7	27.5	24.7	21.7	18.7	15.4	12.8	10.1	7.5
150°	33.1	30.5	27.8	25.0	22.2	19.4	16.6	14.2	11.6	9.0	6.5
152.5°	29.9	27.4	24.9	22.5	19.9	17.3	14.9	12.4	10.1	7.6	6.1
155°	26.6	24.2	21.8	19.5	17.4	15.3	13.1	10.9	8.7	7.1	5.5
157.5°	23.0	21.0	19.2	17.1	15.1	13.1	11.1	9.2	7.8	6.3	4.9
160°	19.5	17.8	16.2	14.5	12.8	11.0	9.4	8.1	6.8	5.4	4.1
162.5°	16.3	14.8	13.3	11.8	10.4	9.2	7.9	6.7	5.4	4.2	3.0
165°	12.8	11.6	10.6	9.6	8.6	7.5	6.4	5.3	4.2	3.0	2.3
167.5°	10.0	9.1	8.2	7.3	6.4	5.5	4.6	3.7	3.0	2.7	2.4
170°	7.3	6.6	5.9	5.1	4.4	3.5	3.2	2.9	2.6	2.3	2.0
172.5°	3.9	3.8	3.6	3.4	3.2	2.9	2.7	2.5	2.2	2.0	1.8
175°	2.9	2.8	2.6	2.4	2.2	2.1	1.9	1.7	1.5	1.4	1.2
177.5°	1.8	1.7	1.6	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.7
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231960

CATALOG NUMBER: FVS4WM-4-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°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
2.5°	0.6	0.5	0.4	0.3	0.2	0.1	0.0	0.1	0.2	0.3	0.4
5°	1.0	0.9	0.7	0.5	0.3	0.2	0.0	0.2	0.3	0.5	0.7
7.5°	1.5	1.3	1.0	0.8	0.5	0.3	0.0	0.3	0.5	0.8	1.0
10°	1.7	1.4	1.1	0.8	0.5	0.3	0.0	0.3	0.5	0.8	1.1
12.5°	2.0	1.7	1.4	1.0	0.7	0.3	0.0	0.3	0.7	1.0	1.4
15°	2.0	1.6	1.3	0.9	0.6	0.3	0.0	0.3	0.6	0.9	1.3
17.5°	2.1	1.8	1.4	1.1	0.7	0.4	0.0	0.4	0.7	1.1	1.4
20°	2.9	2.1	1.7	1.3	0.8	0.4	0.0	0.4	0.8	1.3	1.7
22.5°	3.4	1.9	1.4	1.0	0.7	0.3	0.0	0.3	0.7	1.0	1.4
25°	4.0	2.6	1.5	1.1	0.7	0.4	0.0	0.4	0.7	1.1	1.5
27.5°	4.4	2.8	1.1	0.7	0.4	0.2	0.0	0.2	0.4	0.7	1.1
30°	4.9	3.2	1.6	0.7	0.5	0.2	0.0	0.2	0.5	0.7	1.6
32.5°	5.2	3.6	2.1	0.8	0.5	0.3	0.0	0.3	0.5	0.8	2.1
35°	5.6	3.8	2.4	1.0	0.6	0.3	0.0	0.3	0.6	1.0	2.4
37.5°	6.2	3.8	2.2	0.7	0.0	0.0	0.0	0.0	0.0	0.7	2.2
40°	6.8	3.9	2.2	0.8	0.0	0.0	0.0	0.0	0.0	0.8	2.2
42.5°	7.5	4.3	2.1	0.9	0.0	0.0	0.0	0.0	0.0	0.9	2.1
45°	7.6	4.8	2.2	1.1	0.0	0.0	0.0	0.0	0.0	1.1	2.2
47.5°	7.7	4.9	2.5	1.1	0.1	0.0	0.0	0.0	0.1	1.1	2.5
50°	8.1	4.8	2.4	0.8	0.2	0.0	0.0	0.0	0.2	0.8	2.4
52.5°	8.7	5.2	2.7	0.7	0.2	0.0	0.0	0.0	0.2	0.7	2.7
55°	8.3	5.2	2.6	1.0	0.3	0.0	0.0	0.0	0.3	1.0	2.6
57.5°	8.6	5.2	2.5	1.3	0.8	0.8	0.8	0.8	0.8	1.3	2.5
60°	9.0	5.7	3.0	1.4	0.8	0.8	0.8	0.8	0.8	1.4	3.0
62.5°	9.5	5.5	2.9	0.9	0.2	0.8	0.8	0.8	0.2	0.9	2.9
65°	9.3	5.7	2.9	1.0	0.7	0.8	0.8	0.8	0.7	1.0	2.9
67.5°	9.2	5.6	2.9	0.8	0.2	0.6	0.8	0.6	0.2	0.8	2.9
70°	9.4	5.7	2.5	0.8	0.0	0.5	0.8	0.5	0.0	0.8	2.5
72.5°	8.9	5.8	2.8	0.5	0.0	0.8	0.8	0.8	0.0	0.5	2.8
75°	8.1	4.8	2.4	0.7	0.0	0.8	0.8	0.8	0.0	0.7	2.4
77.5°	7.7	4.6	1.9	0.1	0.0	0.1	0.0	0.1	0.0	0.1	1.9
80°	7.0	3.7	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
82.5°	6.1	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	5.4	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.5	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	4.5	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	5.4	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	6.1	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	7.0	3.7	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
102.5°	7.7	4.6	1.9	0.1	0.0	0.1	0.0	0.1	0.0	0.1	1.9
105°	8.1	4.8	2.4	0.7	0.0	0.8	0.8	0.8	0.0	0.7	2.4
107.5°	8.9	5.8	2.8	0.5	0.0	0.8	0.8	0.8	0.0	0.5	2.8
110°	9.4	5.7	2.5	0.8	0.0	0.5	0.8	0.5	0.0	0.8	2.5



TEST NUMBER: P231960

CATALOG NUMBER: FVS4WM-4-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°	9.2	5.6	2.9	0.8	0.2	0.6	0.8	0.6	0.2	0.8	2.9
115°	9.3	5.7	2.9	1.0	0.7	0.8	0.8	0.8	0.7	1.0	2.9
117.5°	9.5	5.5	2.9	0.9	0.2	0.8	0.8	0.8	0.2	0.9	2.9
120°	9.0	5.7	3.0	1.4	0.8	0.8	0.8	0.8	0.8	1.4	3.0
122.5°	8.6	5.2	2.5	1.3	0.8	0.8	0.8	0.8	0.8	1.3	2.5
125°	8.3	5.2	2.6	1.0	0.3	0.0	0.0	0.0	0.3	1.0	2.6
127.5°	8.7	5.2	2.7	0.7	0.2	0.0	0.0	0.0	0.2	0.7	2.7
130°	8.1	4.8	2.4	0.8	0.2	0.0	0.0	0.0	0.2	0.8	2.4
132.5°	7.7	4.9	2.5	1.1	0.1	0.0	0.0	0.0	0.1	1.1	2.5
135°	7.6	4.8	2.2	1.1	0.0	0.0	0.0	0.0	0.0	1.1	2.2
137.5°	7.5	4.3	2.1	0.9	0.0	0.0	0.0	0.0	0.0	0.9	2.1
140°	6.8	3.9	2.2	0.8	0.0	0.0	0.0	0.0	0.0	0.8	2.2
142.5°	6.2	3.8	2.2	0.7	0.0	0.0	0.0	0.0	0.0	0.7	2.2
145°	5.6	3.8	2.4	1.0	0.6	0.3	0.0	0.3	0.6	1.0	2.4
147.5°	5.2	3.6	2.1	0.8	0.5	0.3	0.0	0.3	0.5	0.8	2.1
150°	4.9	3.2	1.6	0.7	0.5	0.2	0.0	0.2	0.5	0.7	1.6
152.5°	4.4	2.8	1.1	0.7	0.4	0.2	0.0	0.2	0.4	0.7	1.1
155°	4.0	2.6	1.5	1.1	0.7	0.4	0.0	0.4	0.7	1.1	1.5
157.5°	3.4	1.9	1.4	1.0	0.7	0.3	0.0	0.3	0.7	1.0	1.4
160°	2.9	2.1	1.7	1.3	0.8	0.4	0.0	0.4	0.8	1.3	1.7
162.5°	2.1	1.8	1.4	1.1	0.7	0.4	0.0	0.4	0.7	1.1	1.4
165°	2.0	1.6	1.3	0.9	0.6	0.3	0.0	0.3	0.6	0.9	1.3
167.5°	2.0	1.7	1.4	1.0	0.7	0.3	0.0	0.3	0.7	1.0	1.4
170°	1.7	1.4	1.1	0.8	0.5	0.3	0.0	0.3	0.5	0.8	1.1
172.5°	1.5	1.3	1.0	0.8	0.5	0.3	0.0	0.3	0.5	0.8	1.0
175°	1.0	0.9	0.7	0.5	0.3	0.2	0.0	0.2	0.3	0.5	0.7
177.5°	0.6	0.5	0.4	0.3	0.2	0.1	0.0	0.1	0.2	0.3	0.4
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: P231960

CATALOG NUMBER: FVS4WM-4-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°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
2.5°	0.5	0.6	0.7	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6
5°	0.9	1.0	1.2	1.4	1.5	1.7	1.9	2.1	2.2	2.4	2.6
7.5°	1.3	1.5	1.8	2.0	2.2	2.5	2.7	2.9	3.2	3.4	3.6
10°	1.4	1.7	2.0	2.3	2.6	2.9	3.2	3.5	4.4	5.1	5.9
12.5°	1.7	2.0	2.4	2.7	3.0	3.7	4.6	5.5	6.4	7.3	8.2
15°	1.6	2.0	2.3	3.0	4.2	5.3	6.4	7.5	8.6	9.6	10.6
17.5°	1.8	2.1	3.0	4.2	5.4	6.7	7.9	9.2	10.4	11.8	13.3
20°	2.1	2.9	4.1	5.4	6.8	8.1	9.4	11.0	12.8	14.5	16.2
22.5°	1.9	3.4	4.9	6.3	7.8	9.2	11.1	13.1	15.1	17.1	19.2
25°	2.6	4.0	5.5	7.1	8.7	10.9	13.1	15.3	17.4	19.5	21.8
27.5°	2.8	4.4	6.1	7.6	10.1	12.4	14.9	17.3	19.9	22.5	24.9
30°	3.2	4.9	6.5	9.0	11.6	14.2	16.6	19.4	22.2	25.0	27.8
32.5°	3.6	5.2	7.5	10.1	12.8	15.4	18.7	21.7	24.7	27.5	30.7
35°	3.8	5.6	8.5	11.4	14.3	17.4	20.5	23.7	27.0	30.4	33.7
37.5°	3.8	6.2	9.1	12.1	15.6	19.0	22.5	25.9	29.5	32.9	36.3
40°	3.9	6.8	9.7	13.0	16.7	20.4	24.3	27.8	31.3	35.0	38.8
42.5°	4.3	7.5	10.7	13.9	17.5	21.2	25.2	29.6	33.8	37.5	41.4
45°	4.8	7.6	11.1	14.6	18.2	22.0	26.5	30.9	35.4	39.9	43.9
47.5°	4.9	7.7	11.3	15.1	19.4	23.1	27.7	32.4	37.0	41.5	45.9
50°	4.8	8.1	11.7	15.8	19.7	23.8	28.3	33.2	38.2	43.0	47.8
52.5°	5.2	8.7	12.2	16.1	20.3	24.6	29.2	34.0	39.1	44.5	49.5
55°	5.2	8.3	12.5	16.6	21.0	25.2	29.8	34.9	40.4	45.8	51.3
57.5°	5.2	8.6	12.6	16.9	21.5	26.0	30.6	36.0	41.8	47.1	52.8
60°	5.7	9.0	12.8	17.0	21.7	26.5	31.1	36.7	42.3	47.9	54.0
62.5°	5.5	9.5	13.0	17.1	21.5	26.5	31.7	37.3	43.1	49.1	55.4
65°	5.7	9.3	13.0	17.2	22.1	26.7	32.2	38.1	43.9	50.2	56.4
67.5°	5.6	9.2	12.9	17.3	22.3	27.2	32.6	38.8	45.0	51.6	57.6
70°	5.7	9.4	12.8	17.0	22.3	27.1	32.8	38.8	45.8	52.6	58.2
72.5°	5.8	8.9	12.3	16.8	22.0	27.5	33.5	39.7	47.0	53.4	59.2
75°	4.8	8.1	11.8	16.7	22.0	27.6	33.5	40.5	47.6	53.7	59.9
77.5°	4.6	7.7	11.5	16.3	21.5	27.9	34.7	41.6	48.2	53.9	59.9
80°	3.7	7.0	11.0	16.0	21.7	27.9	35.3	42.2	48.1	53.9	59.9
82.5°	2.5	6.1	10.4	15.8	22.1	28.9	35.6	42.1	48.1	53.9	59.7
85°	1.5	5.4	10.2	16.6	23.1	29.5	35.3	41.6	47.8	53.9	59.4
87.5°	0.4	4.5	10.9	17.2	23.0	29.3	34.7	41.7	47.3	53.4	59.0
90°	0.0	5.5	11.0	16.4	22.7	29.0	35.2	41.5	47.7	53.2	59.5
92.5°	0.4	4.5	10.9	17.2	23.0	29.3	34.7	41.7	47.3	53.4	59.0
95°	1.5	5.4	10.2	16.6	23.1	29.5	35.3	41.6	47.8	53.9	59.4
97.5°	2.5	6.1	10.4	15.8	22.1	28.9	35.6	42.1	48.1	53.9	59.7
100°	3.7	7.0	11.0	16.0	21.7	27.9	35.3	42.2	48.1	53.9	59.9
102.5°	4.6	7.7	11.5	16.3	21.5	27.9	34.7	41.6	48.2	53.9	59.9
105°	4.8	8.1	11.8	16.7	22.0	27.6	33.5	40.5	47.6	53.7	59.9
107.5°	5.8	8.9	12.3	16.8	22.0	27.5	33.5	39.7	47.0	53.4	59.2
110°	5.7	9.4	12.8	17.0	22.3	27.1	32.8	38.8	45.8	52.6	58.2



TEST NUMBER: P231960

CATALOG NUMBER: FVS4WM-4-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°	5.6	9.2	12.9	17.3	22.3	27.2	32.6	38.8	45.0	51.6	57.6
115°	5.7	9.3	13.0	17.2	22.1	26.7	32.2	38.1	43.9	50.2	56.4
117.5°	5.5	9.5	13.0	17.1	21.5	26.5	31.7	37.3	43.1	49.1	55.4
120°	5.7	9.0	12.8	17.0	21.7	26.5	31.1	36.7	42.3	47.9	54.0
122.5°	5.2	8.6	12.6	16.9	21.5	26.0	30.6	36.0	41.8	47.1	52.8
125°	5.2	8.3	12.5	16.6	21.0	25.2	29.8	34.9	40.4	45.8	51.3
127.5°	5.2	8.7	12.2	16.1	20.3	24.6	29.2	34.0	39.1	44.5	49.5
130°	4.8	8.1	11.7	15.8	19.7	23.8	28.3	33.2	38.2	43.0	47.8
132.5°	4.9	7.7	11.3	15.1	19.4	23.1	27.7	32.4	37.0	41.5	45.9
135°	4.8	7.6	11.1	14.6	18.2	22.0	26.5	30.9	35.4	39.9	43.9
137.5°	4.3	7.5	10.7	13.9	17.5	21.2	25.2	29.6	33.8	37.5	41.4
140°	3.9	6.8	9.7	13.0	16.7	20.4	24.3	27.8	31.3	35.0	38.8
142.5°	3.8	6.2	9.1	12.1	15.6	19.0	22.5	25.9	29.5	32.9	36.3
145°	3.8	5.6	8.5	11.4	14.3	17.4	20.5	23.7	27.0	30.4	33.7
147.5°	3.6	5.2	7.5	10.1	12.8	15.4	18.7	21.7	24.7	27.5	30.7
150°	3.2	4.9	6.5	9.0	11.6	14.2	16.6	19.4	22.2	25.0	27.8
152.5°	2.8	4.4	6.1	7.6	10.1	12.4	14.9	17.3	19.9	22.5	24.9
155°	2.6	4.0	5.5	7.1	8.7	10.9	13.1	15.3	17.4	19.5	21.8
157.5°	1.9	3.4	4.9	6.3	7.8	9.2	11.1	13.1	15.1	17.1	19.2
160°	2.1	2.9	4.1	5.4	6.8	8.1	9.4	11.0	12.8	14.5	16.2
162.5°	1.8	2.1	3.0	4.2	5.4	6.7	7.9	9.2	10.4	11.8	13.3
165°	1.6	2.0	2.3	3.0	4.2	5.3	6.4	7.5	8.6	9.6	10.6
167.5°	1.7	2.0	2.4	2.7	3.0	3.7	4.6	5.5	6.4	7.3	8.2
170°	1.4	1.7	2.0	2.3	2.6	2.9	3.2	3.5	4.4	5.1	5.9
172.5°	1.3	1.5	1.8	2.0	2.2	2.5	2.7	2.9	3.2	3.4	3.6
175°	0.9	1.0	1.2	1.4	1.5	1.7	1.9	2.1	2.2	2.4	2.6
177.5°	0.5	0.6	0.7	0.9	1.0	1.1	1.2	1.3	1.4	1.5	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: P231960

CATALOG NUMBER: FVS4WM-4-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°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
2.5°	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.4	2.5	2.6
5°	2.8	2.9	3.1	3.3	3.4	3.6	3.8	3.9	4.1	4.2	4.4
7.5°	3.8	3.9	4.5	5.0	5.5	6.0	6.5	6.9	7.4	7.8	8.2
10°	6.6	7.3	7.9	8.5	9.2	9.7	10.3	10.9	11.4	12.0	12.5
12.5°	9.1	10.0	10.8	11.7	12.5	13.3	14.1	15.0	15.8	16.6	17.4
15°	11.6	12.8	14.0	15.3	16.4	17.5	18.6	19.6	20.5	21.5	22.5
17.5°	14.8	16.3	17.8	19.2	20.6	21.9	23.1	24.2	25.4	26.5	27.6
20°	17.8	19.5	21.3	22.9	24.8	26.4	27.9	29.3	30.6	32.0	33.3
22.5°	21.0	23.0	24.9	26.9	28.9	30.9	32.7	34.3	35.8	37.2	38.8
25°	24.2	26.6	28.8	31.0	33.1	35.2	37.3	39.3	41.2	43.0	44.7
27.5°	27.4	29.9	32.4	34.9	37.4	39.7	41.9	44.1	46.2	48.1	49.9
30°	30.5	33.1	35.7	38.4	41.1	43.6	46.2	48.7	51.0	53.2	55.2
32.5°	33.6	36.6	39.7	42.6	45.3	48.0	50.6	53.3	55.7	58.0	60.4
35°	36.8	39.8	43.1	46.2	49.2	52.2	55.1	57.9	60.4	62.7	65.2
37.5°	39.9	43.1	46.3	49.7	52.9	56.0	59.1	62.0	64.8	67.5	70.1
40°	42.5	46.1	49.5	52.9	56.3	59.8	63.1	66.1	69.0	71.7	74.5
42.5°	45.2	48.8	52.6	56.3	59.6	63.2	66.9	70.0	73.0	75.8	78.8
45°	47.8	51.6	55.3	59.2	63.0	66.7	70.4	74.0	76.9	79.8	82.8
47.5°	50.1	54.3	58.2	62.1	66.1	69.9	73.5	77.0	80.4	83.7	87.0
50°	52.2	56.7	60.8	64.9	68.9	72.8	76.5	80.1	83.8	87.1	90.5
52.5°	54.0	58.8	63.2	67.2	71.7	75.6	79.4	83.3	87.0	90.6	94.0
55°	56.1	60.7	65.5	69.7	73.9	77.9	82.1	86.3	90.1	93.6	97.2
57.5°	57.8	62.6	67.4	72.0	76.5	80.4	84.5	88.7	92.9	96.3	100.2
60°	59.3	64.1	69.3	73.8	78.4	82.7	87.0	91.2	95.3	99.1	102.8
62.5°	60.8	65.7	70.6	75.3	80.3	84.6	89.1	93.4	97.6	101.7	105.6
65°	61.9	67.1	72.1	76.8	81.9	86.4	91.0	95.5	99.7	103.8	107.5
67.5°	63.1	68.2	73.3	78.3	83.3	88.1	92.7	97.1	101.9	106.0	109.5
70°	63.8	69.2	74.3	79.7	84.8	89.6	94.4	98.8	103.1	107.6	111.7
72.5°	64.5	70.2	75.1	80.7	85.6	90.6	95.6	100.1	104.6	108.8	112.8
75°	65.1	70.9	75.9	81.4	86.4	91.6	96.6	101.1	105.4	109.7	114.0
77.5°	65.6	71.1	76.3	81.7	87.2	92.4	97.2	101.9	106.3	110.6	115.1
80°	65.5	71.0	76.5	82.0	87.5	92.9	97.8	102.2	106.8	111.4	116.0
82.5°	65.3	71.3	76.8	82.3	87.8	93.2	98.4	102.5	107.1	111.8	116.4
85°	65.2	71.3	76.9	82.4	87.8	93.2	98.1	102.6	107.3	112.0	116.7
87.5°	65.3	71.3	76.8	82.3	87.8	93.2	98.4	102.5	107.1	111.8	116.4
90°	65.7	71.2	76.7	82.2	87.6	93.1	98.6	103.3	108.0	112.7	116.6
92.5°	65.3	71.3	76.8	82.3	87.7	93.2	98.2	102.9	107.6	112.3	116.6
95°	65.2	71.3	76.9	82.4	87.8	93.2	98.1	102.6	107.3	112.0	116.7
97.5°	65.3	71.3	76.8	82.3	87.8	93.2	98.4	102.5	107.1	111.8	116.4
100°	65.5	71.0	76.5	82.0	87.5	92.9	97.8	102.2	106.8	111.4	116.0
102.5°	65.6	71.1	76.3	81.7	87.2	92.4	97.2	101.9	106.3	110.6	115.1
105°	65.1	70.9	75.9	81.4	86.4	91.6	96.6	101.1	105.4	109.7	114.0
107.5°	64.5	70.2	75.1	80.7	85.6	90.6	95.6	100.1	104.6	108.8	112.8
110°	63.8	69.2	74.3	79.7	84.8	89.6	94.4	98.8	103.1	107.6	111.7



TEST NUMBER: P231960

CATALOG NUMBER: FVS4WM-4-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°	63.1	68.2	73.3	78.3	83.3	88.1	92.7	97.1	101.9	106.0	109.5
115°	61.9	67.1	72.1	76.8	81.9	86.4	91.0	95.5	99.7	103.8	107.5
117.5°	60.8	65.7	70.6	75.3	80.3	84.6	89.1	93.4	97.6	101.7	105.6
120°	59.3	64.1	69.3	73.8	78.4	82.7	87.0	91.2	95.3	99.1	102.8
122.5°	57.8	62.6	67.4	72.0	76.5	80.4	84.5	88.7	92.9	96.3	100.2
125°	56.1	60.7	65.5	69.7	73.9	77.9	82.1	86.3	90.1	93.6	97.2
127.5°	54.0	58.8	63.2	67.2	71.7	75.6	79.4	83.3	87.0	90.6	94.0
130°	52.2	56.7	60.8	64.9	68.9	72.8	76.5	80.1	83.8	87.1	90.5
132.5°	50.1	54.3	58.2	62.1	66.1	69.9	73.5	77.0	80.4	83.7	87.0
135°	47.8	51.6	55.3	59.2	63.0	66.7	70.4	74.0	76.9	79.8	82.8
137.5°	45.2	48.8	52.6	56.3	59.6	63.2	66.9	70.0	73.0	75.8	78.8
140°	42.5	46.1	49.5	52.9	56.3	59.8	63.1	66.1	69.0	71.7	74.5
142.5°	39.9	43.1	46.3	49.7	52.9	56.0	59.1	62.0	64.8	67.5	70.1
145°	36.8	39.8	43.1	46.2	49.2	52.2	55.1	57.9	60.4	62.7	65.2
147.5°	33.6	36.6	39.7	42.6	45.3	48.0	50.6	53.3	55.7	58.0	60.4
150°	30.5	33.1	35.7	38.4	41.1	43.6	46.2	48.7	51.0	53.2	55.2
152.5°	27.4	29.9	32.4	34.9	37.4	39.7	41.9	44.1	46.2	48.1	49.9
155°	24.2	26.6	28.8	31.0	33.1	35.2	37.3	39.3	41.2	43.0	44.7
157.5°	21.0	23.0	24.9	26.9	28.9	30.9	32.7	34.3	35.8	37.2	38.8
160°	17.8	19.5	21.3	22.9	24.8	26.4	27.9	29.3	30.6	32.0	33.3
162.5°	14.8	16.3	17.8	19.2	20.6	21.9	23.1	24.2	25.4	26.5	27.6
165°	11.6	12.8	14.0	15.3	16.4	17.5	18.6	19.6	20.5	21.5	22.5
167.5°	9.1	10.0	10.8	11.7	12.5	13.3	14.1	15.0	15.8	16.6	17.4
170°	6.6	7.3	7.9	8.5	9.2	9.7	10.3	10.9	11.4	12.0	12.5
172.5°	3.8	3.9	4.5	5.0	5.5	6.0	6.5	6.9	7.4	7.8	8.2
175°	2.8	2.9	3.1	3.3	3.4	3.6	3.8	3.9	4.1	4.2	4.4
177.5°	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.4	2.5	2.6
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: P231960

CATALOG NUMBER: FVS4WM-4-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°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
2.5°	2.7	2.7	2.8	2.9	2.9	3.0	3.0	3.1	3.1	3.2	3.4
5°	4.5	4.7	4.8	4.9	5.0	5.2	5.3	5.3	5.4	5.5	6.0
7.5°	8.5	8.9	9.2	9.5	9.7	10.0	10.2	10.3	10.5	10.6	11.3
10°	13.0	13.4	13.8	14.2	14.5	14.8	15.1	15.3	15.5	15.7	16.6
12.5°	18.1	18.8	19.4	19.9	20.4	20.9	21.3	21.7	22.1	22.4	23.5
15°	23.5	24.4	25.1	25.7	26.3	26.9	27.5	28.0	28.6	29.0	30.4
17.5°	28.9	30.0	31.1	31.9	32.6	33.2	33.9	34.7	35.4	36.0	37.5
20°	34.5	35.8	37.0	38.2	39.0	39.7	40.3	41.2	42.2	43.0	44.6
22.5°	40.4	41.9	43.1	44.2	45.1	46.1	47.0	47.9	48.6	49.3	51.7
25°	46.3	47.8	49.2	50.4	51.6	52.8	53.8	54.8	55.6	56.3	58.9
27.5°	51.7	53.4	55.0	56.5	57.7	58.8	59.9	61.0	62.0	63.0	65.6
30°	57.1	58.9	60.9	62.7	63.8	64.8	66.0	67.1	68.4	69.6	72.3
32.5°	62.5	64.3	66.3	68.3	69.7	70.8	72.0	73.2	74.4	75.5	78.6
35°	67.7	69.6	71.4	73.5	75.4	76.8	78.1	79.3	80.4	81.4	84.9
37.5°	72.6	74.8	76.6	78.6	80.7	82.1	83.5	84.7	86.0	87.3	90.8
40°	77.2	79.7	81.7	83.5	85.7	87.4	88.8	90.1	91.6	93.1	96.6
42.5°	81.9	84.4	86.5	88.4	90.5	92.3	93.8	95.1	96.6	98.2	102.1
45°	85.8	88.6	91.3	93.1	95.2	97.2	98.7	100.1	101.6	103.3	107.7
47.5°	89.9	92.6	95.5	97.6	99.7	101.8	103.3	104.7	106.3	108.4	112.7
50°	93.7	96.7	99.4	101.8	104.0	106.3	107.9	109.3	111.0	113.5	117.6
52.5°	97.2	100.4	103.1	105.6	108.1	110.1	111.9	113.5	115.1	117.4	122.0
55°	100.5	103.8	106.7	109.2	112.1	113.9	115.9	117.8	119.3	121.3	126.4
57.5°	103.7	107.0	110.0	112.5	115.2	117.5	119.5	121.2	122.8	124.8	130.1
60°	106.4	110.0	113.3	115.7	118.2	120.9	123.2	124.7	126.3	128.3	133.7
62.5°	109.0	112.8	115.9	118.7	121.1	123.7	126.0	127.8	129.4	131.5	137.0
65°	111.6	115.1	118.3	121.4	124.1	126.5	128.8	130.9	132.5	134.6	140.3
67.5°	113.6	117.2	120.5	123.7	126.4	128.7	131.1	133.2	134.8	136.9	142.7
70°	115.3	118.8	122.3	125.6	128.2	131.0	133.3	135.5	137.0	139.3	145.2
72.5°	116.7	120.4	123.8	127.2	129.9	132.6	135.1	137.1	138.6	141.3	147.2
75°	117.9	121.8	125.4	128.6	131.6	134.1	137.0	138.6	140.2	143.2	149.5
77.5°	119.0	122.8	126.4	129.8	132.8	135.2	138.2	139.8	141.7	144.4	150.6
80°	119.9	123.7	127.1	130.8	133.9	136.3	139.3	141.0	143.2	145.6	151.8
82.5°	120.3	124.2	127.7	131.2	134.3	137.0	139.7	141.7	143.6	146.4	152.2
85°	120.6	124.5	128.3	131.5	134.6	137.7	140.1	142.4	144.0	147.1	152.6
87.5°	120.9	124.8	128.3	131.9	135.0	137.7	140.5	142.8	144.4	147.5	153.0
90°	121.3	125.2	128.3	132.3	135.4	137.7	140.9	143.2	144.8	147.9	153.4
92.5°	120.9	124.8	128.3	131.9	135.0	137.7	140.5	142.8	144.4	147.5	153.0
95°	120.6	124.5	128.3	131.5	134.6	137.7	140.1	142.4	144.0	147.1	152.6
97.5°	120.3	124.2	127.7	131.2	134.3	137.0	139.7	141.7	143.6	146.4	152.2
100°	119.9	123.7	127.1	130.8	133.9	136.3	139.3	141.0	143.2	145.6	151.8
102.5°	119.0	122.8	126.4	129.8	132.8	135.2	138.2	139.8	141.7	144.4	150.6
105°	117.9	121.8	125.4	128.6	131.6	134.1	137.0	138.6	140.2	143.2	149.5
107.5°	116.7	120.4	123.8	127.2	129.9	132.6	135.1	137.1	138.6	141.3	147.2
110°	115.3	118.8	122.3	125.6	128.2	131.0	133.3	135.5	137.0	139.3	145.2





TEST NUMBER: P231960

CATALOG NUMBER: FVS4WM-4-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°	113.6	117.2	120.5	123.7	126.4	128.7	131.1	133.2	134.8	136.9	142.7
115°	111.6	115.1	118.3	121.4	124.1	126.5	128.8	130.9	132.5	134.6	140.3
117.5°	109.0	112.8	115.9	118.7	121.1	123.7	126.0	127.8	129.4	131.5	137.0
120°	106.4	110.0	113.3	115.7	118.2	120.9	123.2	124.7	126.3	128.3	133.7
122.5°	103.7	107.0	110.0	112.5	115.2	117.5	119.5	121.2	122.8	124.8	130.1
125°	100.5	103.8	106.7	109.2	112.1	113.9	115.9	117.8	119.3	121.3	126.4
127.5°	97.2	100.4	103.1	105.6	108.1	110.1	111.9	113.5	115.1	117.4	122.0
130°	93.7	96.7	99.4	101.8	104.0	106.3	107.9	109.3	111.0	113.5	117.6
132.5°	89.9	92.6	95.5	97.6	99.7	101.8	103.3	104.7	106.3	108.4	112.7
135°	85.8	88.6	91.3	93.1	95.2	97.2	98.7	100.1	101.6	103.3	107.7
137.5°	81.9	84.4	86.5	88.4	90.5	92.3	93.8	95.1	96.6	98.2	102.1
140°	77.2	79.7	81.7	83.5	85.7	87.4	88.8	90.1	91.6	93.1	96.6
142.5°	72.6	74.8	76.6	78.6	80.7	82.1	83.5	84.7	86.0	87.3	90.8
145°	67.7	69.6	71.4	73.5	75.4	76.8	78.1	79.3	80.4	81.4	84.9
147.5°	62.5	64.3	66.3	68.3	69.7	70.8	72.0	73.2	74.4	75.5	78.6
150°	57.1	58.9	60.9	62.7	63.8	64.8	66.0	67.1	68.4	69.6	72.3
152.5°	51.7	53.4	55.0	56.5	57.7	58.8	59.9	61.0	62.0	63.0	65.6
155°	46.3	47.8	49.2	50.4	51.6	52.8	53.8	54.8	55.6	56.3	58.9
157.5°	40.4	41.9	43.1	44.2	45.1	46.1	47.0	47.9	48.6	49.3	51.7
160°	34.5	35.8	37.0	38.2	39.0	39.7	40.3	41.2	42.2	43.0	44.6
162.5°	28.9	30.0	31.1	31.9	32.6	33.2	33.9	34.7	35.4	36.0	37.5
165°	23.5	24.4	25.1	25.7	26.3	26.9	27.5	28.0	28.6	29.0	30.4
167.5°	18.1	18.8	19.4	19.9	20.4	20.9	21.3	21.7	22.1	22.4	23.5
170°	13.0	13.4	13.8	14.2	14.5	14.8	15.1	15.3	15.5	15.7	16.6
172.5°	8.5	8.9	9.2	9.5	9.7	10.0	10.2	10.3	10.5	10.6	11.3
175°	4.5	4.7	4.8	4.9	5.0	5.2	5.3	5.3	5.4	5.5	6.0
177.5°	2.7	2.7	2.8	2.9	2.9	3.0	3.0	3.1	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: P231960

CATALOG NUMBER: FVS4WM-4-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°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
2.5°	3.6	3.8	4.0	4.2	4.4	4.6	4.7	4.9	5.1	5.2	5.4
5°	6.4	6.9	7.3	7.8	8.2	8.6	8.9	9.3	9.6	10.0	10.3
7.5°	12.0	12.6	13.2	13.8	14.3	14.8	15.4	16.7	17.8	18.9	20.0
10°	17.5	18.3	19.1	19.9	20.8	22.7	24.4	26.1	27.7	29.3	30.8
12.5°	24.6	25.6	26.5	27.9	30.2	32.5	34.6	36.6	39.0	41.7	44.3
15°	31.6	32.9	34.2	37.1	39.9	42.5	45.2	48.6	51.9	55.1	58.6
17.5°	38.9	40.2	42.9	46.2	49.5	52.9	57.0	61.0	64.8	68.9	73.1
20°	46.0	47.6	51.5	55.3	59.2	64.2	69.0	73.7	78.8	83.7	88.5
22.5°	53.9	56.9	61.2	65.4	70.3	75.6	80.8	86.9	92.7	98.3	104.3
25°	61.4	65.0	69.3	74.1	80.5	86.6	93.2	100.0	106.6	113.1	119.4
27.5°	68.2	72.8	77.7	84.0	91.0	98.2	105.7	113.0	120.9	128.4	136.0
30°	74.9	80.7	86.5	94.0	101.8	109.9	118.2	126.7	135.2	143.8	152.2
32.5°	82.0	88.0	94.6	102.8	111.5	120.9	130.4	139.9	149.5	158.9	167.9
35°	89.0	95.0	102.4	111.2	121.1	131.8	141.9	152.3	162.8	173.0	182.7
37.5°	95.4	102.2	110.9	120.4	131.1	142.0	153.4	164.7	176.5	186.4	196.9
40°	101.9	109.6	119.7	130.1	140.9	152.6	164.6	176.5	188.4	199.9	211.1
42.5°	108.0	115.7	126.9	138.4	150.0	162.7	175.4	188.3	201.1	213.2	224.8
45°	113.9	122.1	133.8	146.2	158.9	172.3	185.9	199.4	212.8	225.2	237.7
47.5°	119.4	128.6	140.6	153.6	167.3	181.5	195.9	210.1	223.7	237.1	250.4
50°	125.0	135.1	147.3	160.6	175.1	190.1	205.2	220.0	234.2	248.3	263.1
52.5°	129.5	140.2	153.4	167.4	183.0	198.5	214.0	229.6	244.9	259.9	274.2
55°	133.9	145.2	159.3	174.4	190.9	206.5	222.2	238.2	254.3	270.1	284.6
57.5°	138.2	150.2	164.7	180.4	197.5	213.7	230.0	246.6	263.2	279.3	294.7
60°	142.5	155.1	169.8	185.8	203.1	220.6	237.4	254.7	271.6	287.8	303.3
62.5°	146.4	159.2	174.1	190.9	208.8	226.6	244.1	262.2	279.5	295.9	311.9
65°	150.3	163.1	178.3	195.9	214.1	231.8	250.0	268.8	286.1	303.3	319.7
67.5°	152.5	166.6	182.7	200.6	219.0	237.1	255.7	274.8	292.4	310.2	326.7
70°	155.1	169.2	186.6	204.8	223.5	241.9	260.8	280.3	298.2	314.9	332.3
72.5°	157.4	171.8	189.6	207.8	226.8	245.8	265.2	284.8	303.5	321.0	338.1
75°	159.6	174.4	192.2	210.2	229.5	249.4	269.1	288.6	307.8	325.6	342.7
77.5°	161.4	175.8	193.8	212.4	232.3	252.2	272.2	291.6	311.2	329.4	346.8
80°	163.6	176.9	195.2	214.4	234.9	254.4	274.9	293.7	313.5	332.0	349.6
82.5°	163.9	178.8	196.8	215.9	236.4	255.8	276.3	295.9	315.6	334.1	352.1
85°	164.3	180.0	197.2	217.6	237.9	257.5	277.8	298.7	317.5	335.6	354.1
87.5°	164.7	180.0	197.2	217.9	237.9	257.1	278.2	298.9	317.8	336.5	355.3
90°	165.1	180.0	197.2	218.3	237.9	256.7	278.6	298.9	316.9	336.5	355.3
92.5°	164.7	180.0	197.2	217.9	237.9	257.1	278.2	298.9	317.8	336.5	355.3
95°	164.3	180.0	197.2	217.6	237.9	257.5	277.8	298.7	317.5	335.6	354.1
97.5°	163.9	178.8	196.8	215.9	236.4	255.8	276.3	295.9	315.6	334.1	352.1
100°	163.6	176.9	195.2	214.4	234.9	254.4	274.9	293.7	313.5	332.0	349.6
102.5°	161.4	175.8	193.8	212.4	232.3	252.2	272.2	291.6	311.2	329.4	346.8
105°	159.6	174.4	192.2	210.2	229.5	249.4	269.1	288.6	307.8	325.6	342.7
107.5°	157.4	171.8	189.6	207.8	226.8	245.8	265.2	284.8	303.5	321.0	338.1
110°	155.1	169.2	186.6	204.8	223.5	241.9	260.8	280.3	298.2	314.9	332.3



TEST NUMBER: P231960

CATALOG NUMBER: FVS4WM-4-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°	152.5	166.6	182.7	200.6	219.0	237.1	255.7	274.8	292.4	310.2	326.7
115°	150.3	163.1	178.3	195.9	214.1	231.8	250.0	268.8	286.1	303.3	319.7
117.5°	146.4	159.2	174.1	190.9	208.8	226.6	244.1	262.2	279.5	295.9	311.9
120°	142.5	155.1	169.8	185.8	203.1	220.6	237.4	254.6	271.6	287.8	303.3
122.5°	138.2	150.2	164.7	180.4	197.5	213.7	230.0	246.6	263.2	279.3	294.7
125°	133.9	145.2	159.3	174.4	190.9	206.5	222.2	238.2	254.3	270.1	284.6
127.5°	129.5	140.2	153.4	167.4	183.0	198.5	214.0	229.6	244.9	259.9	274.2
130°	125.0	135.1	147.3	160.6	175.1	190.1	205.2	220.0	234.2	248.3	263.1
132.5°	119.4	128.6	140.6	153.6	167.3	181.5	195.9	210.1	223.7	237.1	250.4
135°	113.9	122.1	133.8	146.2	158.9	172.3	185.9	199.4	212.8	225.2	237.7
137.5°	108.0	115.7	126.9	138.4	150.0	162.7	175.4	188.3	201.1	213.2	224.8
140°	101.9	109.6	119.7	130.1	140.9	152.6	164.6	176.5	188.4	199.9	211.1
142.5°	95.4	102.2	110.9	120.4	131.1	142.0	153.4	164.7	176.5	186.4	196.9
145°	89.0	95.0	102.4	111.2	121.1	131.8	141.9	152.3	162.8	173.0	182.7
147.5°	82.0	88.0	94.6	102.8	111.5	120.9	130.4	139.9	149.5	158.9	167.9
150°	74.9	80.7	86.5	94.0	101.8	109.9	118.2	126.7	135.2	143.8	152.2
152.5°	68.2	72.8	77.7	84.0	91.0	98.2	105.7	113.0	120.9	128.4	136.0
155°	61.4	65.0	69.3	74.1	80.5	86.6	93.2	100.0	106.6	113.1	119.4
157.5°	53.9	56.9	61.2	65.4	70.3	75.6	80.8	86.9	92.7	98.3	104.3
160°	46.0	47.6	51.5	55.3	59.2	64.2	69.0	73.7	78.8	83.7	88.5
162.5°	38.9	40.2	42.9	46.2	49.5	52.9	57.0	61.0	64.8	68.9	73.1
165°	31.6	32.9	34.2	37.1	39.9	42.5	45.2	48.6	51.9	55.1	58.6
167.5°	24.6	25.6	26.5	27.9	30.2	32.5	34.6	36.6	39.0	41.7	44.3
170°	17.5	18.3	19.1	19.9	20.8	22.7	24.4	26.1	27.7	29.3	30.8
172.5°	12.0	12.6	13.2	13.8	14.3	14.8	15.4	16.7	17.8	18.9	20.0
175°	6.4	6.9	7.3	7.8	8.2	8.6	8.9	9.3	9.6	10.0	10.3
177.5°	3.6	3.8	4.0	4.2	4.4	4.6	4.7	4.9	5.1	5.2	5.4
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: P231960

CATALOG NUMBER: FVS4WM-4-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°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
2.5°	5.5	5.6	5.7	5.8	5.9	6.0	6.1	6.1	6.2	6.2	6.2
5°	11.0	11.7	12.4	13.1	13.7	14.3	14.9	15.4	15.9	16.3	16.7
7.5°	21.0	21.9	22.7	23.5	24.3	25.3	26.1	27.4	28.5	29.6	30.5
10°	32.7	34.6	36.4	38.1	39.7	41.1	42.4	43.7	45.0	46.2	47.3
12.5°	46.8	49.1	51.4	53.9	56.3	58.5	60.5	62.4	64.1	65.8	67.4
15°	61.6	65.0	68.1	71.1	74.0	77.0	79.8	82.4	84.9	87.1	89.0
17.5°	77.2	81.7	85.5	89.7	93.6	97.1	100.4	103.3	106.0	108.4	110.8
20°	93.7	98.9	103.9	108.7	112.9	116.8	120.5	123.9	127.2	130.1	132.8
22.5°	110.2	116.0	121.7	127.0	132.1	136.5	140.6	144.5	148.2	151.6	154.6
25°	126.4	133.4	140.8	145.9	151.3	156.4	161.1	165.4	169.3	172.9	176.7
27.5°	143.6	150.9	157.8	164.3	170.5	176.2	182.2	186.5	191.2	195.6	199.2
30°	160.2	168.0	175.6	183.2	190.1	196.5	202.4	207.8	212.6	216.9	221.1
32.5°	176.5	185.0	193.6	202.0	209.2	216.0	222.4	228.3	233.4	237.9	242.4
35°	192.2	201.6	210.7	219.5	227.3	234.3	241.0	247.2	252.9	258.1	262.7
37.5°	207.3	217.4	227.3	236.6	244.4	252.2	259.8	266.3	272.2	279.0	283.5
40°	222.1	232.2	242.6	252.5	261.7	271.0	278.5	284.7	291.2	297.5	303.2
42.5°	236.1	247.0	258.4	268.9	278.6	286.9	294.3	302.0	309.9	316.0	322.0
45°	250.0	261.9	273.4	284.1	293.5	301.8	310.6	319.0	326.9	334.0	338.7
47.5°	263.5	275.8	287.5	298.4	308.2	317.6	326.7	335.0	342.8	349.0	354.4
50°	276.3	288.8	300.8	312.2	322.5	332.5	341.8	350.1	358.3	364.6	370.4
52.5°	287.7	300.8	313.5	325.4	336.3	346.1	355.7	364.6	371.8	379.1	385.2
55°	298.6	312.2	325.9	337.0	348.3	359.3	369.2	377.6	385.4	393.3	399.4
57.5°	308.6	322.7	336.0	348.6	360.7	371.2	381.3	390.6	398.4	406.0	412.8
60°	318.0	333.0	346.1	359.0	371.1	382.0	392.5	401.9	410.1	417.9	424.7
62.5°	327.0	341.5	355.6	368.6	380.5	392.5	403.6	413.1	421.3	429.1	436.1
65°	334.9	349.9	364.3	377.6	390.4	402.5	414.0	422.8	431.2	439.6	446.6
67.5°	342.7	357.8	372.0	386.1	399.0	410.6	422.0	431.5	440.3	448.9	456.6
70°	348.7	364.5	379.0	393.4	406.2	418.2	429.5	439.6	448.8	457.8	465.6
72.5°	354.3	369.9	384.9	399.4	412.6	425.2	436.5	446.5	456.2	465.3	473.4
75°	359.2	374.9	390.0	404.6	418.1	430.5	442.3	452.5	462.6	471.8	480.1
77.5°	363.5	379.5	394.3	408.8	422.7	435.5	447.3	458.0	467.4	476.9	485.2
80°	366.2	382.6	397.5	412.2	426.2	439.2	451.1	461.8	471.6	481.0	489.5
82.5°	368.3	385.1	400.1	414.7	428.7	441.2	453.0	464.7	474.9	484.4	493.0
85°	369.9	386.4	402.3	416.6	430.1	443.0	454.8	466.7	476.7	486.3	494.9
87.5°	371.2	387.4	403.5	417.9	431.5	444.3	456.0	468.0	477.4	487.5	496.1
90°	371.7	387.4	403.0	417.9	432.0	443.7	455.5	468.0	477.4	487.5	495.4
92.5°	371.2	387.4	403.5	417.9	431.5	444.3	456.0	468.0	477.4	487.5	496.1
95°	369.9	386.4	402.3	416.6	430.1	443.0	454.8	466.7	476.7	486.3	494.9
97.5°	368.3	385.1	400.1	414.7	428.7	441.2	453.0	464.7	474.9	484.4	493.0
100°	366.2	382.6	397.5	412.2	426.2	439.2	451.1	461.8	471.6	481.0	489.5
102.5°	363.5	379.5	394.3	408.8	422.7	435.5	447.3	458.0	467.4	476.9	485.2
105°	359.2	374.9	390.0	404.6	418.1	430.5	442.3	452.5	462.6	471.8	480.1
107.5°	354.3	369.9	384.9	399.4	412.6	425.2	436.5	446.5	456.2	465.3	473.4
110°	348.7	364.5	379.0	393.4	406.2	418.2	429.5	439.6	448.8	457.8	465.6



TEST NUMBER: P231960

CATALOG NUMBER: FVS4WM-4-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°	342.7	357.8	372.0	386.1	399.0	410.6	422.0	431.5	440.3	448.9	456.6
115°	334.9	349.9	364.3	377.6	390.4	402.5	414.0	422.8	431.2	439.6	446.6
117.5°	327.0	341.5	355.6	368.6	380.5	392.5	403.6	413.1	421.3	429.1	436.1
120°	318.0	333.0	346.1	359.0	371.1	382.0	392.5	401.9	410.1	417.9	424.7
122.5°	308.6	322.7	336.0	348.6	360.7	371.2	381.3	390.6	398.4	406.0	412.8
125°	298.6	312.2	325.9	337.0	348.3	359.3	369.2	377.6	385.4	393.3	399.4
127.5°	287.7	300.8	313.5	325.4	336.3	346.1	355.7	364.6	371.8	379.1	385.2
130°	276.3	288.8	300.8	312.2	322.5	332.5	341.8	350.1	358.3	364.6	370.4
132.5°	263.5	275.8	287.5	298.4	308.2	317.6	326.7	335.0	342.8	349.0	354.4
135°	250.0	261.9	273.4	284.1	293.5	301.8	310.6	319.0	326.9	334.0	338.7
137.5°	236.1	247.0	258.4	268.9	278.6	286.9	294.3	302.0	309.9	316.0	322.0
140°	222.1	232.2	242.6	252.5	261.7	271.0	278.5	284.7	291.2	297.5	303.2
142.5°	207.3	217.4	227.3	236.6	244.4	252.2	259.8	266.3	272.2	279.0	283.5
145°	192.2	201.6	210.7	219.5	227.3	234.3	241.0	247.2	252.9	258.1	262.7
147.5°	176.5	185.0	193.6	202.0	209.2	216.0	222.4	228.3	233.4	237.9	242.4
150°	160.2	168.0	175.6	183.2	190.1	196.5	202.4	207.8	212.6	216.9	221.1
152.5°	143.6	150.9	157.8	164.3	170.5	176.2	182.2	186.5	191.2	195.6	199.2
155°	126.4	133.4	140.8	145.9	151.3	156.4	161.1	165.4	169.3	172.9	176.7
157.5°	110.2	116.0	121.7	127.0	132.1	136.5	140.6	144.5	148.2	151.6	154.6
160°	93.7	98.9	103.9	108.7	112.9	116.8	120.5	123.9	127.2	130.1	132.8
162.5°	77.2	81.7	85.5	89.7	93.6	97.1	100.4	103.3	106.0	108.4	110.8
165°	61.6	65.0	68.1	71.1	74.0	77.0	79.8	82.4	84.9	87.1	89.0
167.5°	46.8	49.1	51.4	53.9	56.3	58.5	60.5	62.4	64.1	65.8	67.4
170°	32.7	34.6	36.4	38.1	39.7	41.1	42.4	43.7	45.0	46.2	47.3
172.5°	21.0	21.9	22.7	23.5	24.3	25.3	26.1	27.4	28.5	29.6	30.5
175°	11.0	11.7	12.4	13.1	13.7	14.3	14.9	15.4	15.9	16.3	16.7
177.5°	5.5	5.6	5.7	5.8	5.9	6.0	6.1	6.1	6.2	6.2	6.2
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: P231960

CATALOG NUMBER: FVS4WM-4-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°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
2.5°	6.2	6.2	6.2	6.2	6.1	6.1	6.2	6.1	6.0	5.9	5.7
5°	17.1	17.4	17.7	17.9	18.1	18.3	18.4	18.4	18.8	18.6	18.4
7.5°	31.4	32.2	33.0	33.6	34.2	34.6	35.0	35.3	35.4	36.0	35.7
10°	48.1	49.5	50.6	51.7	52.5	53.2	53.8	54.2	54.5	55.2	54.8
12.5°	68.8	70.0	71.0	72.0	73.3	74.5	75.4	76.2	76.7	77.0	77.6
15°	90.9	92.5	93.9	95.0	95.9	97.1	98.3	99.1	99.7	100.1	100.7
17.5°	113.0	115.1	116.9	118.4	119.6	120.6	121.5	122.5	123.3	123.7	124.4
20°	135.2	137.5	139.5	141.1	142.4	143.4	144.0	144.8	145.6	146.1	147.0
22.5°	157.2	159.5	161.6	163.8	165.5	166.8	167.6	167.9	168.8	169.5	170.6
25°	180.2	183.2	185.8	187.6	189.2	190.4	191.3	191.8	192.3	193.1	193.4
27.5°	202.3	205.2	207.7	209.9	211.5	213.3	214.3	214.7	214.6	215.2	215.4
30°	224.2	227.5	230.7	233.2	234.6	235.7	236.7	237.1	237.1	237.3	237.8
32.5°	246.4	249.3	251.5	253.9	255.9	257.2	258.0	258.3	257.9	257.2	257.6
35°	266.6	269.9	272.8	275.2	277.2	278.3	278.7	279.0	279.0	278.4	279.4
37.5°	287.5	290.6	293.5	296.1	298.2	298.9	298.8	298.6	299.1	299.1	299.2
40°	307.5	310.3	312.9	315.5	317.3	318.1	318.3	318.1	318.4	318.0	318.4
42.5°	326.3	329.5	332.3	334.9	336.6	337.4	337.8	337.4	336.8	336.4	335.9
45°	343.4	347.7	350.5	353.3	354.8	356.7	356.6	356.2	355.6	355.1	353.7
47.5°	359.6	364.3	368.3	370.8	371.8	373.1	373.9	373.7	372.7	371.8	370.6
50°	375.5	380.3	384.1	387.0	389.3	390.2	390.5	390.1	389.5	388.7	388.0
52.5°	390.6	395.8	399.8	403.1	405.7	407.0	407.3	407.0	405.9	404.4	403.5
55°	404.9	409.9	414.5	417.9	420.9	422.5	422.7	422.3	421.3	420.0	419.6
57.5°	418.3	423.3	427.8	431.6	435.3	436.8	437.6	436.9	435.4	434.3	433.5
60°	430.7	435.8	439.8	444.1	448.0	450.0	451.0	450.3	449.1	448.1	447.3
62.5°	442.4	447.1	451.7	456.9	460.0	462.1	463.4	463.3	462.1	460.6	458.4
65°	453.4	458.7	463.5	467.7	471.1	473.7	475.0	475.4	473.6	472.2	470.2
67.5°	463.8	469.2	473.8	477.3	480.3	483.3	485.1	485.9	484.1	482.6	481.0
70°	472.5	478.5	483.5	486.2	489.1	491.7	493.7	494.6	494.1	491.8	490.6
72.5°	480.4	486.5	491.3	495.2	497.3	499.5	501.0	501.8	503.1	500.2	498.4
75°	487.0	493.2	498.2	501.8	504.3	506.4	507.0	508.3	508.7	508.2	505.8
77.5°	492.8	499.0	504.3	508.1	510.8	512.7	513.0	513.0	513.5	514.2	512.0
80°	497.2	503.3	508.6	512.6	515.3	517.9	518.5	517.6	516.3	517.6	517.4
82.5°	500.6	506.5	511.5	515.7	518.6	520.8	521.8	521.8	521.0	518.5	520.6
85°	502.8	509.0	513.7	517.9	520.6	522.7	523.9	523.7	523.3	521.9	519.1
87.5°	503.2	509.2	514.0	518.1	521.0	522.7	523.4	523.7	523.5	522.2	521.4
90°	503.2	508.7	514.1	518.1	520.4	522.0	523.5	522.8	522.0	520.4	518.1
92.5°	503.2	509.2	514.0	518.1	521.0	522.7	523.4	523.7	523.5	522.2	521.4
95°	502.8	509.0	513.7	517.9	520.6	522.7	523.9	523.7	523.3	521.9	519.1
97.5°	500.6	506.5	511.5	515.7	518.6	520.8	521.8	521.8	521.0	518.5	520.6
100°	497.2	503.3	508.6	512.6	515.3	517.9	518.5	517.6	516.3	517.6	517.4
102.5°	492.8	499.0	504.3	508.1	510.8	512.7	513.0	513.0	513.5	514.2	512.0
105°	487.0	493.2	498.2	501.8	504.3	506.4	507.0	508.3	508.7	508.2	505.8
107.5°	480.4	486.5	491.3	495.2	497.3	499.5	501.0	501.8	503.1	500.2	498.4
110°	472.5	478.5	483.5	486.2	489.1	491.7	493.7	494.6	494.1	491.8	490.6



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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°	463.8	469.2	473.8	477.3	480.3	483.3	485.1	485.9	484.1	482.6	481.0
115°	453.4	458.7	463.5	467.7	471.1	473.7	475.0	475.4	473.6	472.2	470.2
117.5°	442.4	447.1	451.7	456.9	460.0	462.1	463.4	463.3	462.1	460.6	458.4
120°	430.7	435.8	439.8	444.1	448.0	450.0	451.0	450.3	449.1	448.1	447.3
122.5°	418.3	423.3	427.8	431.6	435.3	436.8	437.6	436.9	435.4	434.3	433.5
125°	404.9	409.9	414.5	417.9	420.9	422.5	422.7	422.3	421.3	420.0	419.6
127.5°	390.6	395.8	399.8	403.1	405.7	407.0	407.3	407.0	405.9	404.4	403.5
130°	375.5	380.3	384.1	387.0	389.3	390.2	390.5	390.1	389.5	388.7	388.0
132.5°	359.6	364.3	368.3	370.8	371.8	373.1	373.9	373.7	372.7	371.8	370.6
135°	343.4	347.7	350.5	353.3	354.8	356.7	356.6	356.2	355.6	355.1	353.7
137.5°	326.3	329.5	332.3	334.9	336.6	337.4	337.8	337.4	336.8	336.4	335.9
140°	307.5	310.3	312.9	315.5	317.3	318.1	318.3	318.1	318.4	318.0	318.4
142.5°	287.5	290.6	293.5	296.1	298.2	298.9	298.8	298.6	299.1	299.1	299.2
145°	266.6	269.9	272.8	275.2	277.2	278.3	278.7	279.0	279.0	278.4	279.4
147.5°	246.4	249.3	251.5	253.9	255.9	257.2	258.0	258.3	257.9	257.2	257.6
150°	224.2	227.5	230.7	233.2	234.6	235.7	236.7	237.1	237.1	237.3	237.8
152.5°	202.3	205.2	207.7	209.9	211.5	213.3	214.3	214.7	214.6	215.2	215.4
155°	180.2	183.2	185.8	187.6	189.2	190.4	191.3	191.8	192.3	193.1	193.4
157.5°	157.2	159.5	161.6	163.8	165.5	166.8	167.6	167.9	168.8	169.5	170.6
160°	135.2	137.5	139.5	141.1	142.4	143.4	144.0	144.8	145.6	146.1	147.0
162.5°	113.0	115.1	116.9	118.4	119.6	120.6	121.5	122.5	123.3	123.7	124.4
165°	90.9	92.5	93.9	95.0	95.9	97.1	98.3	99.1	99.7	100.1	100.7
167.5°	68.8	70.0	71.0	72.0	73.3	74.5	75.4	76.2	76.7	77.0	77.6
170°	48.1	49.5	50.6	51.7	52.5	53.2	53.8	54.2	54.5	55.2	54.8
172.5°	31.4	32.2	33.0	33.6	34.2	34.6	35.0	35.3	35.4	36.0	35.7
175°	17.1	17.4	17.7	17.9	18.1	18.3	18.4	18.4	18.8	18.6	18.4
177.5°	6.2	6.2	6.2	6.2	6.1	6.1	6.2	6.1	6.0	5.9	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



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**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
0°	0.8	0.8
2.5°	5.6	5.5
5°	18.2	18.0
7.5°	35.5	35.2
10°	54.4	54.0
12.5°	77.1	76.7
15°	100.0	99.4
17.5°	123.6	122.9
20°	146.3	145.6
22.5°	169.8	169.0
25°	193.4	192.5
27.5°	215.4	214.4
30°	238.0	237.1
32.5°	257.7	256.7
35°	280.4	280.2
37.5°	299.4	298.2
40°	321.1	322.4
42.5°	337.7	338.1
45°	355.3	355.3
47.5°	373.1	374.8
50°	390.5	392.8
52.5°	404.1	404.6
55°	420.2	420.2
57.5°	434.0	435.9
60°	447.5	446.8
62.5°	459.6	460.1
65°	471.3	471.9
67.5°	481.6	482.8
70°	491.2	491.5
72.5°	499.5	500.8
75°	505.9	507.9
77.5°	512.1	514.9
80°	516.8	518.8
82.5°	520.7	523.5
85°	523.8	525.9
87.5°	520.9	527.4
90°	518.1	522.8
92.5°	520.9	527.4
95°	523.8	525.9
97.5°	520.7	523.5
100°	516.8	518.8
102.5°	512.1	514.9
105°	505.9	507.9
107.5°	499.5	500.8
110°	491.2	491.5





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**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
112.5°	481.6	482.8
115°	471.3	471.9
117.5°	459.6	460.1
120°	447.5	446.8
122.5°	434.0	435.9
125°	420.2	420.2
127.5°	404.1	404.6
130°	390.5	392.8
132.5°	373.1	374.8
135°	355.3	355.3
137.5°	337.7	338.1
140°	321.1	322.4
142.5°	299.4	298.2
145°	280.4	280.2
147.5°	257.7	256.7
150°	238.0	237.1
152.5°	215.4	214.4
155°	193.4	192.5
157.5°	169.8	169.0
160°	146.3	145.6
162.5°	123.6	122.9
165°	100.0	99.4
167.5°	77.1	76.7
170°	54.4	54.0
172.5°	35.5	35.2
175°	18.2	18.0
177.5°	5.6	5.5
180°	0.0	0.0

(END OF REPORT)