

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: P231905

Luminaire Tested: **FVS4WM-2-LD4-35-1HI-PA187-UNV-EDC1**

Issue Date: 3/3/2020



**Test Information**

Test Method: LM-79-08  
Report Number: P231905  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1706-121-5)  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: FAIL-SAFE  
Catalog Number: FVS4WM-2-LD4-35-1HI-PA187-UNV-EDC1  
Description: FAILSAFE FVS LED FIXTURE  
2FT LENGTH, 1-MODULE LED WITH PA187 LENS  
Light Source: (42) 3500K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

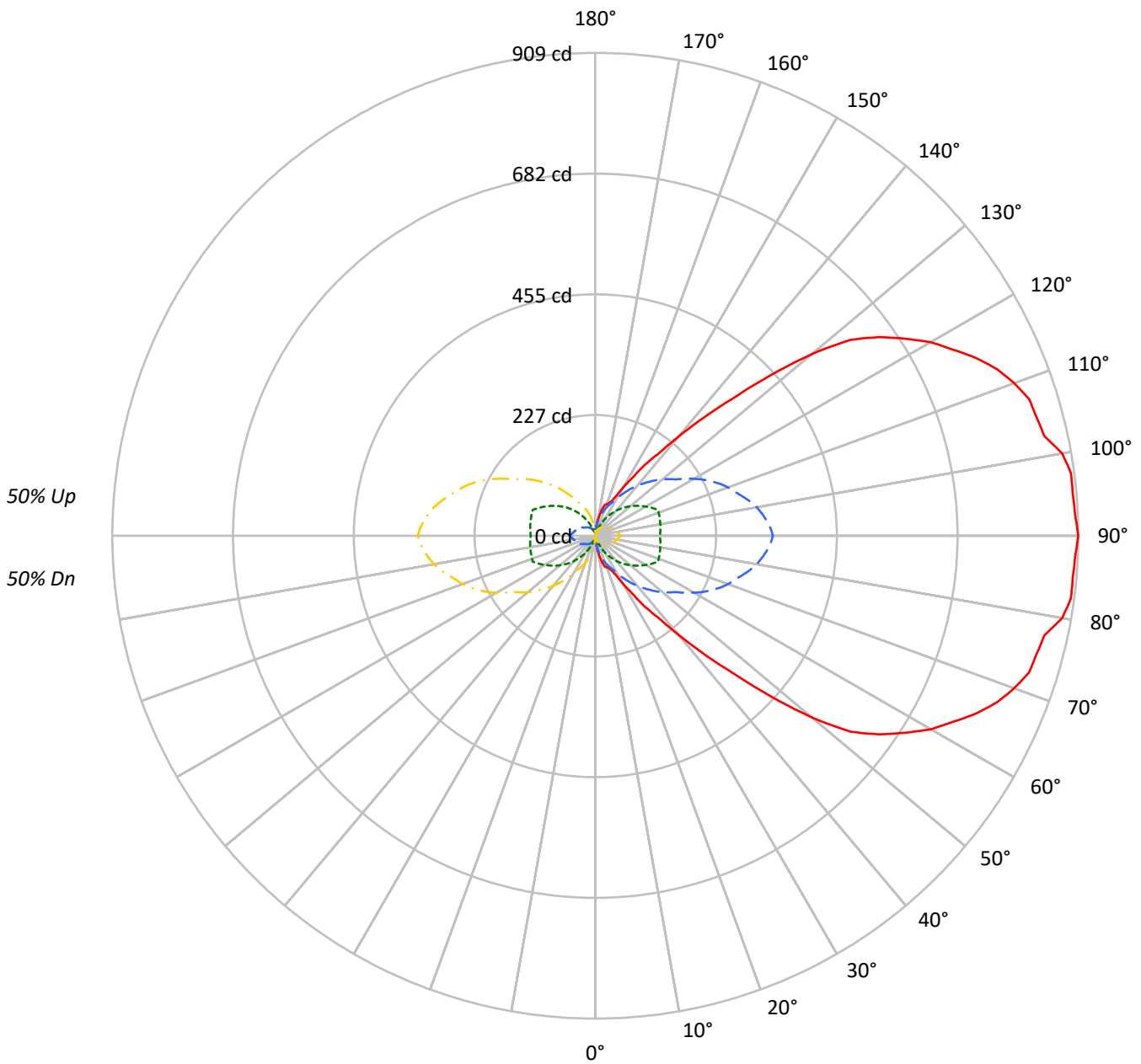
Lumens per Lamp: N/A  
Luminaire Lumens: 2104.0 lumens  
Efficiency: N/A  
Efficacy: 94.8 lumens/watt  
Spacing Criteria (0/90/45): - / - / -  
Luminous Opening: Rectangular w/ Sides (W: 1.92' x L: 0.19' x H: 0.31')  
CIE Type: General Diffuse

Input Watts (W): 22.2  
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	91	83	77	71	83	76	70	65	62	58	54	50	46	43	38	36	33	28
2	80	69	60	52	72	63	55	48	51	45	39	40	35	31	30	26	23	18
3	71	58	48	41	64	53	44	37	43	36	30	33	28	23	24	20	17	12
4	64	50	40	32	58	46	37	29	37	29	24	28	23	18	21	16	13	9
5	58	44	34	27	53	40	31	24	32	25	19	25	19	15	18	13	10	6
6	53	39	29	22	48	35	26	20	28	21	16	22	16	12	16	11	8	5
7	49	35	25	19	44	31	23	17	25	18	13	20	14	10	14	10	7	4
8	45	31	22	16	41	28	20	15	23	16	12	18	12	9	13	9	6	3
9	42	28	20	14	38	26	18	13	21	14	10	16	11	7	12	8	5	2
10	39	26	18	12	35	23	16	11	19	13	9	15	10	6	11	7	4	2

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

	0°	90°	180°	270°
0°	0	0	0	0
5°	386	116	0	116
10°	762	231	0	231
15°	1155	348	0	348
20°	1244	469	0	469
25°	1331	734	0	734
30°	1849	1157	0	1157
35°	2747	1615	0	1615
40°	3948	2129	0	2129
45°	5777	2713	0	2713
50°	8307	3367	0	3367
55°	10072	4155	0	4155
60°	11228	5129	0	5129
65°	12259	6385	0	6385
70°	13173	7669	0	7669
75°	13781	9029	0	9029
80°	14723	11131	0	11131
85°	15460	14749	0	14749



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	0.9	0.0
10°-20°	6.6	0.3
20°-30°	17.6	0.8
30°-40°	40.8	1.9
40°-50°	81.1	3.9
50°-60°	145.4	6.9
60°-70°	213.4	10.1
70°-80°	260.9	12.4
80°-90°	285.3	13.6
90°-100°	285.3	13.6
100°-110°	260.9	12.4
110°-120°	213.4	10.1
120°-130°	145.4	6.9
130°-140°	81.1	3.9
140°-150°	40.8	1.9
150°-160°	17.6	0.8
160°-170°	6.6	0.3
170°-180°	0.9	0.0
0°-30°	25.1	1.2
0°-40°	65.9	3.1
0°-60°	292.4	13.9
0°-90°	1052.0	50.0
90°-120°	759.6	36.1
90°-150°	1026.9	48.8
90°-180°	1052.0	50.0
0°-180°	2104.0	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	0	0	0	0	0	
5°	15	4	0	4	15	2
15°	54	12	0	12	54	15
25°	72	24	0	24	72	36
35°	163	49	0	49	163	105
45°	364	74	0	74	364	293
55°	652	98	0	98	652	580
65°	791	122	0	122	791	783
75°	860	126	0	126	860	912
85°	902	123	0	123	902	736
90°	909	122	0	122	909	497
95°	902	123	0	123	902	736
105°	860	126	0	126	860	912
115°	791	122	0	122	791	783
125°	652	98	0	98	652	580
135°	364	74	0	74	364	293
145°	163	49	0	49	163	105
155°	72	24	0	24	72	36
165°	54	12	0	12	54	15
175°	15	4	0	4	15	2
180°	0	0	0	0	0	



TEST NUMBER: P231905

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**CANDELA DISTRIBUTION (FULL):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	5.9	6.0	6.1	6.2	6.2	6.3	6.4	6.2	6.2	6.2	6.2
5°	14.7	14.9	15.0	15.2	15.3	15.1	15.1	15.0	14.9	14.8	14.6
7.5°	23.5	23.7	23.9	24.1	24.0	23.9	23.9	23.8	23.6	23.4	23.2
10°	32.4	32.6	32.9	33.1	32.9	32.8	32.7	32.5	32.3	31.9	31.6
12.5°	43.1	43.3	43.5	43.3	43.2	43.0	42.6	42.2	41.8	41.2	40.6
15°	53.9	54.0	54.1	53.7	53.4	53.0	52.5	51.9	51.2	50.5	49.6
17.5°	61.8	62.0	62.1	61.8	61.6	61.3	60.8	60.3	59.6	58.8	57.9
20°	62.7	63.3	63.9	64.3	64.8	65.1	65.3	65.4	65.4	65.1	64.8
22.5°	66.7	67.8	68.9	69.5	70.2	70.7	71.0	71.2	71.1	70.7	70.2
25°	71.6	73.2	74.6	75.9	77.0	77.9	78.5	78.9	79.1	78.9	78.4
27.5°	82.4	84.3	85.7	87.0	88.0	88.7	89.1	89.2	89.0	88.5	87.9
30°	104.9	106.5	107.1	107.4	107.3	106.7	105.8	104.5	102.8	100.9	100.0
32.5°	127.5	128.8	128.9	128.8	128.1	127.0	125.5	123.6	121.3	118.7	116.0
35°	162.8	163.1	161.4	159.3	156.5	153.1	149.1	144.6	139.8	136.3	132.9
37.5°	194.1	193.9	191.8	189.1	185.7	181.4	176.3	170.6	164.3	158.0	151.6
40°	242.2	240.6	235.8	230.3	223.7	215.9	207.2	197.7	189.0	181.2	172.8
42.5°	301.0	297.7	290.0	281.5	271.3	259.7	246.9	233.0	220.6	208.3	195.8
45°	363.7	358.8	348.7	337.6	324.5	309.5	292.9	276.9	258.1	240.6	223.5
47.5°	447.1	438.8	423.2	406.5	387.3	366.2	343.6	321.3	299.7	277.3	257.7
50°	532.4	522.4	503.8	483.5	459.6	432.3	402.0	372.9	344.9	318.5	294.8
52.5°	605.9	597.3	579.8	559.9	535.1	505.4	470.7	434.4	398.0	364.4	334.7
55°	652.0	651.1	642.3	629.4	609.4	581.4	545.0	503.9	460.5	419.4	378.9
57.5°	690.2	694.3	691.8	686.1	675.0	657.8	628.5	577.4	527.4	476.4	428.7
60°	728.5	732.1	730.1	727.1	721.9	714.8	686.9	642.0	589.6	531.8	477.9
62.5°	758.9	761.4	761.3	758.9	754.1	747.1	721.0	687.0	638.0	583.3	523.2
65°	791.2	792.1	790.5	786.9	781.9	773.9	753.3	719.6	676.7	622.8	561.9
67.5°	818.7	817.1	813.6	809.1	804.5	800.8	790.2	764.6	716.1	659.9	596.9
70°	839.2	838.0	834.2	828.0	823.2	821.4	818.0	802.8	770.9	701.7	635.1
72.5°	855.9	856.0	853.3	847.5	842.5	838.1	835.6	829.8	801.1	744.5	670.2
75°	859.8	867.8	871.4	866.3	857.0	850.5	847.6	841.9	818.4	769.0	700.2
77.5°	865.7	876.3	884.7	882.4	872.3	859.4	856.7	851.5	831.6	786.6	719.5
80°	892.2	887.5	888.3	891.4	884.3	875.0	867.1	863.1	849.1	803.0	731.4
82.5°	903.0	899.8	895.6	893.9	890.1	884.9	878.2	872.2	858.2	818.1	750.0
85°	902.0	907.7	906.7	894.5	884.8	885.1	881.9	875.5	864.8	831.1	761.9
87.5°	904.0	909.7	904.8	900.8	886.4	878.8	875.5	875.7	869.9	839.4	766.5
90°	908.9	911.8	905.9	908.9	897.1	873.6	866.7	874.5	872.6	841.2	763.8
92.5°	904.0	909.7	904.8	900.8	886.4	878.8	875.5	875.7	869.9	839.4	766.5
95°	902.0	907.7	906.7	894.5	884.8	885.1	881.9	875.5	864.8	831.1	761.9
97.5°	903.0	899.8	895.6	893.9	890.1	884.9	878.2	872.2	858.2	818.1	750.0
100°	892.2	887.5	888.3	891.4	884.3	875.0	867.1	863.1	849.1	803.0	731.4
102.5°	865.7	876.3	884.7	882.4	872.3	859.4	856.7	851.5	831.6	786.6	719.5
105°	859.8	867.8	871.4	866.3	857.0	850.5	847.6	841.9	818.4	769.0	700.2
107.5°	855.9	856.0	853.3	847.5	842.5	838.1	835.6	829.8	801.1	744.5	670.2
110°	839.2	838.0	834.2	828.0	823.2	821.4	818.0	802.8	770.9	701.7	635.1



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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°	818.7	817.1	813.6	809.1	804.5	800.8	790.2	764.6	716.1	659.9	596.9
115°	791.2	792.1	790.5	786.9	781.9	773.9	753.3	719.6	676.7	622.8	561.9
117.5°	758.9	761.4	761.3	758.9	754.1	747.1	721.0	687.0	638.0	583.3	523.2
120°	728.5	732.1	730.1	727.1	721.9	714.8	686.9	642.0	589.6	531.8	477.9
122.5°	690.2	694.3	691.8	686.1	675.0	657.8	628.5	577.4	527.4	476.4	428.7
125°	652.0	651.1	642.3	629.4	609.4	581.4	545.0	503.9	460.5	419.4	378.9
127.5°	605.9	597.3	579.8	559.9	535.1	505.4	470.7	434.4	398.0	364.4	334.7
130°	532.4	522.4	503.8	483.5	459.6	432.3	402.0	372.9	344.9	318.5	294.8
132.5°	447.1	438.8	423.2	406.5	387.3	366.2	343.6	321.3	299.7	277.3	257.7
135°	363.7	358.8	348.7	337.6	324.5	309.5	292.9	276.9	258.1	240.6	223.5
137.5°	301.0	297.7	290.0	281.5	271.3	259.7	246.9	233.0	220.6	208.3	195.8
140°	242.2	240.6	235.8	230.3	223.7	215.9	207.2	197.7	189.0	181.2	172.8
142.5°	194.1	193.9	191.8	189.1	185.7	181.4	176.3	170.6	164.3	158.0	151.6
145°	162.8	163.1	161.4	159.3	156.5	153.1	149.1	144.6	139.8	136.3	132.9
147.5°	127.5	128.8	128.9	128.8	128.1	127.0	125.5	123.6	121.3	118.7	116.0
150°	104.9	106.5	107.1	107.4	107.3	106.7	105.8	104.5	102.8	100.9	100.0
152.5°	82.4	84.3	85.7	87.0	88.0	88.7	89.1	89.2	89.0	88.5	87.9
155°	71.6	73.2	74.6	75.9	77.0	77.9	78.5	78.9	79.1	78.9	78.4
157.5°	66.7	67.8	68.9	69.5	70.2	70.7	71.0	71.2	71.1	70.7	70.2
160°	62.7	63.3	63.9	64.3	64.8	65.1	65.3	65.4	65.4	65.1	64.8
162.5°	61.8	62.0	62.1	61.8	61.6	61.3	60.8	60.3	59.6	58.8	57.9
165°	53.9	54.0	54.1	53.7	53.4	53.0	52.5	51.9	51.2	50.5	49.6
167.5°	43.1	43.3	43.5	43.3	43.2	43.0	42.6	42.2	41.8	41.2	40.6
170°	32.4	32.6	32.9	33.1	32.9	32.8	32.7	32.5	32.3	31.9	31.6
172.5°	23.5	23.7	23.9	24.1	24.0	23.9	23.9	23.8	23.6	23.4	23.2
175°	14.7	14.9	15.0	15.2	15.3	15.1	15.1	15.0	14.9	14.8	14.6
177.5°	5.9	6.0	6.1	6.2	6.2	6.3	6.4	6.2	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



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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°	6.1	6.1	6.0	6.0	5.9	5.8	5.7	5.6	5.4	5.3	5.1
5°	14.4	14.2	14.0	13.7	13.4	13.0	12.7	12.2	11.8	11.4	10.9
7.5°	22.9	22.5	22.2	21.7	21.3	20.8	20.2	19.6	19.0	18.3	17.6
10°	31.2	30.7	30.1	29.5	28.9	28.2	27.5	26.7	25.9	25.0	24.1
12.5°	39.9	39.1	38.2	37.3	36.4	35.5	34.5	33.5	32.5	31.4	30.2
15°	48.7	47.8	46.7	45.6	44.4	43.1	41.8	40.4	39.0	37.6	36.2
17.5°	56.9	55.8	54.5	53.2	51.8	50.3	48.9	47.3	45.6	43.9	42.2
20°	64.2	63.1	61.7	60.2	58.6	56.8	55.1	53.4	51.6	49.8	47.9
22.5°	69.5	68.8	67.9	66.8	65.4	63.5	61.4	59.1	56.8	54.9	52.9
25°	77.7	76.7	75.3	73.5	71.8	70.0	67.9	65.4	62.7	60.0	57.4
27.5°	87.3	86.2	84.8	82.9	80.7	78.1	75.4	72.3	69.1	65.7	62.5
30°	98.8	97.2	95.6	93.4	91.0	88.1	84.7	80.9	77.2	74.2	71.0
32.5°	113.1	110.1	107.6	105.1	102.3	99.1	95.4	91.5	87.5	83.5	80.0
35°	129.2	125.4	121.7	117.9	114.2	110.4	106.3	102.0	97.6	93.2	88.9
37.5°	145.3	140.4	135.9	131.7	126.6	121.8	117.2	112.5	107.6	102.6	97.8
40°	164.4	157.2	150.5	144.8	139.3	133.7	128.3	123.0	117.6	112.0	106.4
42.5°	185.4	176.1	167.1	159.6	152.8	145.9	139.4	133.5	127.5	121.5	115.4
45°	210.3	196.7	185.6	175.1	166.3	158.4	151.1	143.7	137.4	130.9	124.2
47.5°	238.8	220.8	205.9	192.0	180.8	170.9	162.7	154.8	146.8	140.1	133.1
50°	270.8	249.1	228.0	211.2	196.3	184.0	173.7	165.4	157.0	148.8	141.7
52.5°	304.9	278.8	254.0	231.5	212.9	197.5	185.0	175.1	167.5	157.7	152.1
55°	343.1	309.0	280.5	254.0	230.6	211.7	196.2	184.8	177.7	171.3	165.6
57.5°	384.9	344.0	307.0	276.7	249.8	226.3	211.5	199.5	189.3	183.1	177.8
60°	427.2	380.7	337.5	298.3	270.8	247.2	227.7	214.5	202.5	194.0	188.8
62.5°	467.0	415.4	369.3	328.5	292.4	265.7	244.6	229.0	216.4	204.0	198.4
65°	501.6	449.5	400.6	356.5	317.0	284.5	259.8	241.8	230.0	216.1	208.0
67.5°	536.7	481.5	429.6	382.0	339.8	301.4	274.0	254.8	241.8	228.9	217.0
70°	570.5	509.8	456.0	403.4	359.9	320.6	288.3	265.8	252.2	241.5	225.4
72.5°	599.5	534.6	476.1	422.9	376.1	336.7	300.7	275.1	261.4	252.5	235.6
75°	627.0	555.4	492.9	437.9	388.0	349.8	313.5	286.4	271.0	259.9	244.2
77.5°	649.7	571.7	506.3	451.4	402.5	362.8	327.1	298.3	280.4	267.8	252.2
80°	663.4	590.8	522.1	464.3	414.8	373.4	338.3	308.4	289.3	275.8	259.6
82.5°	676.3	605.2	533.5	473.3	423.3	381.8	347.3	316.8	297.7	283.8	266.2
85°	684.7	612.9	540.5	478.5	428.5	387.9	354.3	323.7	305.5	291.7	272.3
87.5°	687.9	617.0	545.2	481.7	431.8	392.8	360.1	329.8	313.1	299.5	278.0
90°	685.3	609.8	541.2	478.5	430.4	394.1	362.8	334.3	319.6	305.9	282.4
92.5°	687.9	617.0	545.2	481.7	431.8	392.8	360.1	329.8	313.1	299.5	278.0
95°	684.7	612.9	540.5	478.5	428.5	387.9	354.3	323.7	305.5	291.7	272.3
97.5°	676.3	605.2	533.5	473.3	423.3	381.8	347.3	316.8	297.7	283.8	266.2
100°	663.4	590.8	522.1	464.3	414.8	373.4	338.3	308.4	289.3	275.8	259.6
102.5°	649.7	571.7	506.3	451.4	402.5	362.8	327.1	298.3	280.4	267.8	252.2
105°	627.0	555.4	492.9	437.9	388.0	349.8	313.5	286.4	271.0	259.9	244.2
107.5°	599.5	534.6	476.1	422.9	376.1	336.7	300.7	275.1	261.4	252.5	235.6
110°	570.5	509.8	456.0	403.4	359.9	320.6	288.3	265.8	252.2	241.5	225.4





TEST NUMBER: P231905

CATALOG NUMBER: FVS4WM-2-LD4-35-1HI-PA187-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
112.5°	536.7	481.5	429.6	382.0	339.8	301.4	274.0	254.8	241.8	228.9	217.0
115°	501.6	449.5	400.6	356.5	317.0	284.5	259.8	241.8	230.0	216.1	208.0
117.5°	467.0	415.4	369.3	328.5	292.4	265.7	244.6	229.0	216.4	204.0	198.4
120°	427.2	380.7	337.5	298.3	270.8	247.2	227.7	214.5	202.5	194.0	188.8
122.5°	384.9	344.0	307.0	276.7	249.8	226.3	211.5	199.5	189.3	183.1	177.8
125°	343.1	309.0	280.5	254.0	230.6	211.7	196.2	184.8	177.7	171.3	165.6
127.5°	304.9	278.8	254.0	231.5	212.9	197.5	185.0	175.1	167.5	157.7	152.1
130°	270.8	249.1	228.0	211.2	196.3	184.0	173.7	165.4	157.0	148.8	141.7
132.5°	238.8	220.8	205.9	192.0	180.8	170.9	162.7	154.8	146.8	140.1	133.1
135°	210.3	196.7	185.6	175.1	166.3	158.4	151.1	143.7	137.4	130.9	124.2
137.5°	185.4	176.1	167.1	159.6	152.8	145.9	139.4	133.5	127.5	121.5	115.4
140°	164.4	157.2	150.5	144.8	139.3	133.7	128.3	123.0	117.6	112.0	106.4
142.5°	145.3	140.4	135.9	131.7	126.6	121.8	117.2	112.5	107.6	102.6	97.8
145°	129.2	125.4	121.7	117.9	114.2	110.4	106.3	102.0	97.6	93.2	88.9
147.5°	113.1	110.1	107.6	105.1	102.3	99.1	95.4	91.5	87.5	83.5	80.0
150°	98.8	97.2	95.6	93.4	91.0	88.1	84.7	80.9	77.2	74.2	71.0
152.5°	87.3	86.2	84.8	82.9	80.7	78.1	75.4	72.3	69.1	65.7	62.5
155°	77.7	76.7	75.3	73.5	71.8	70.0	67.9	65.4	62.7	60.0	57.4
157.5°	69.5	68.8	67.9	66.8	65.4	63.5	61.4	59.1	56.8	54.9	52.9
160°	64.2	63.1	61.7	60.2	58.6	56.8	55.1	53.4	51.6	49.8	47.9
162.5°	56.9	55.8	54.5	53.2	51.8	50.3	48.9	47.3	45.6	43.9	42.2
165°	48.7	47.8	46.7	45.6	44.4	43.1	41.8	40.4	39.0	37.6	36.2
167.5°	39.9	39.1	38.2	37.3	36.4	35.5	34.5	33.5	32.5	31.4	30.2
170°	31.2	30.7	30.1	29.5	28.9	28.2	27.5	26.7	25.9	25.0	24.1
172.5°	22.9	22.5	22.2	21.7	21.3	20.8	20.2	19.6	19.0	18.3	17.6
175°	14.4	14.2	14.0	13.7	13.4	13.0	12.7	12.2	11.8	11.4	10.9
177.5°	6.1	6.1	6.0	6.0	5.9	5.8	5.7	5.6	5.4	5.3	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: P231905

CATALOG NUMBER: FVS4WM-2-LD4-35-1HI-PA187-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°	5.0	4.8	4.6	4.5	4.3	4.1	3.9	3.6	3.4	3.2	3.0
5°	10.4	9.8	9.3	8.9	8.5	8.1	7.7	7.3	6.8	6.4	5.9
7.5°	16.9	16.1	15.2	14.4	13.5	12.6	11.6	10.9	10.2	9.5	8.8
10°	23.1	22.1	21.1	19.9	18.8	17.6	16.3	15.0	13.7	12.7	11.8
12.5°	29.1	27.8	26.6	25.3	23.9	22.5	20.9	19.3	17.7	16.1	14.7
15°	34.8	33.4	32.0	30.3	28.7	27.1	25.4	23.6	21.7	19.7	17.7
17.5°	40.6	38.7	36.9	35.2	33.3	31.5	29.6	27.7	25.5	23.3	21.0
20°	45.9	43.9	41.8	39.8	37.8	35.7	33.6	31.5	29.3	26.8	24.2
22.5°	51.0	48.8	46.6	44.3	42.1	39.8	37.5	35.1	32.8	30.3	27.4
25°	55.1	53.1	51.0	48.5	46.8	44.9	43.1	41.1	39.0	36.7	34.0
27.5°	60.2	58.6	57.5	56.2	54.3	52.4	50.4	48.4	46.2	43.8	41.1
30°	68.5	66.2	64.4	63.1	61.7	59.6	57.5	55.5	53.6	50.8	48.1
32.5°	76.6	73.8	71.5	69.7	68.5	66.7	64.5	62.3	60.3	57.8	54.9
35°	85.0	81.4	78.6	76.2	74.8	73.6	71.4	69.1	67.0	64.7	61.6
37.5°	93.2	89.2	85.4	82.9	80.9	79.6	78.1	75.6	73.4	71.5	68.3
40°	101.4	96.7	92.6	89.0	87.0	85.5	84.5	82.1	79.7	77.9	75.0
42.5°	109.2	104.2	99.5	95.6	92.8	91.1	90.2	88.5	85.8	84.1	81.6
45°	117.6	111.2	106.4	102.1	98.2	96.7	95.7	94.8	92.1	90.2	88.1
47.5°	125.7	118.8	112.9	108.5	104.2	103.0	103.9	105.0	104.7	103.7	101.7
50°	134.0	126.8	122.5	120.7	119.2	118.3	119.0	120.1	120.9	120.7	117.1
52.5°	147.5	142.9	139.0	136.5	135.1	133.9	134.3	135.1	136.5	138.3	132.7
55°	161.6	157.9	154.6	151.9	150.8	149.8	149.6	150.1	151.5	155.2	148.8
57.5°	174.2	171.7	169.4	167.0	166.1	165.5	165.0	165.1	166.3	171.4	165.3
60°	185.6	184.2	182.9	181.7	181.0	180.8	180.4	180.2	181.3	187.1	182.1
62.5°	196.1	195.6	195.6	195.6	195.6	195.9	195.9	195.4	196.3	202.4	199.2
65°	205.5	206.0	207.4	208.9	209.8	210.8	211.2	210.7	211.3	217.5	216.6
67.5°	213.7	215.6	218.4	221.5	223.6	225.3	226.3	226.1	226.3	232.3	234.2
70°	221.2	224.4	228.7	232.8	235.1	236.3	236.7	236.4	236.0	238.6	238.0
72.5°	228.1	229.1	232.4	236.2	239.6	241.5	242.4	243.3	243.8	243.8	240.0
75°	233.3	232.4	235.5	239.5	244.0	246.8	247.9	249.9	251.7	249.8	242.1
77.5°	238.5	235.8	238.7	242.6	248.2	252.0	253.2	256.2	259.6	256.6	244.0
80°	243.7	239.4	242.0	245.8	252.2	257.3	258.5	262.3	267.7	263.8	246.0
82.5°	248.7	243.1	245.3	248.9	256.2	262.6	263.7	268.3	275.8	271.3	249.0
85°	253.6	247.0	248.8	252.1	260.3	267.8	268.7	274.0	284.0	279.6	250.0
87.5°	258.4	250.9	252.3	255.2	264.3	273.1	274.1	280.1	292.0	286.9	251.0
90°	262.8	254.9	255.9	258.8	268.6	278.4	279.4	286.3	300.0	294.1	252.0
92.5°	258.4	250.9	252.3	255.2	264.3	273.1	274.1	280.1	292.0	286.9	251.0
95°	253.6	247.0	248.8	252.1	260.3	267.8	268.7	274.0	284.0	279.6	250.0
97.5°	248.7	243.1	245.3	248.9	256.2	262.6	263.7	268.3	275.8	271.3	249.0
100°	243.7	239.4	242.0	245.8	252.2	257.3	258.5	262.3	267.7	263.8	246.0
102.5°	238.5	235.8	238.7	242.6	248.2	252.0	253.2	256.2	259.6	256.6	244.0
105°	233.3	232.4	235.5	239.5	244.0	246.8	247.9	249.9	251.7	249.8	242.1
107.5°	228.1	229.1	232.4	236.2	239.6	241.5	242.4	243.3	243.8	243.8	240.0
110°	221.2	224.4	228.7	232.8	235.1	236.3	236.7	236.4	236.0	238.6	238.0



TEST NUMBER: P231905

CATALOG NUMBER: FVS4WM-2-LD4-35-1HI-PA187-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	213.7	215.6	218.4	221.5	223.6	225.3	226.3	226.1	226.3	232.3	234.2
115°	205.5	206.0	207.4	208.9	209.8	210.8	211.2	210.7	211.3	217.5	216.6
117.5°	196.1	195.6	195.6	195.6	195.6	195.9	195.9	195.4	196.3	202.4	199.2
120°	185.6	184.2	182.9	181.7	181.0	180.8	180.4	180.2	181.3	187.1	182.1
122.5°	174.2	171.7	169.4	167.0	166.1	165.5	165.0	165.1	166.3	171.4	165.3
125°	161.6	157.9	154.6	151.9	150.8	149.8	149.6	150.1	151.5	155.2	148.8
127.5°	147.5	142.9	139.0	136.5	135.1	133.9	134.3	135.1	136.5	138.3	132.7
130°	134.0	126.8	122.5	120.7	119.2	118.3	119.0	120.1	120.9	120.7	117.1
132.5°	125.7	118.8	112.9	108.5	104.2	103.0	103.9	105.0	104.7	103.7	101.7
135°	117.6	111.2	106.4	102.1	98.2	96.7	95.7	94.8	92.1	90.2	88.1
137.5°	109.2	104.2	99.5	95.6	92.8	91.1	90.2	88.5	85.8	84.1	81.6
140°	101.4	96.7	92.6	89.0	87.0	85.5	84.5	82.1	79.7	77.9	75.0
142.5°	93.2	89.2	85.4	82.9	80.9	79.6	78.1	75.6	73.4	71.5	68.3
145°	85.0	81.4	78.6	76.2	74.8	73.6	71.4	69.1	67.0	64.7	61.6
147.5°	76.6	73.8	71.5	69.7	68.5	66.7	64.5	62.3	60.3	57.8	54.9
150°	68.5	66.2	64.4	63.1	61.7	59.6	57.5	55.5	53.6	50.8	48.1
152.5°	60.2	58.6	57.5	56.2	54.3	52.4	50.4	48.4	46.2	43.8	41.1
155°	55.1	53.1	51.0	48.5	46.8	44.9	43.1	41.1	39.0	36.7	34.0
157.5°	51.0	48.8	46.6	44.3	42.1	39.8	37.5	35.1	32.8	30.3	27.4
160°	45.9	43.9	41.8	39.8	37.8	35.7	33.6	31.5	29.3	26.8	24.2
162.5°	40.6	38.7	36.9	35.2	33.3	31.5	29.6	27.7	25.5	23.3	21.0
165°	34.8	33.4	32.0	30.3	28.7	27.1	25.4	23.6	21.7	19.7	17.7
167.5°	29.1	27.8	26.6	25.3	23.9	22.5	20.9	19.3	17.7	16.1	14.7
170°	23.1	22.1	21.1	19.9	18.8	17.6	16.3	15.0	13.7	12.7	11.8
172.5°	16.9	16.1	15.2	14.4	13.5	12.6	11.6	10.9	10.2	9.5	8.8
175°	10.4	9.8	9.3	8.9	8.5	8.1	7.7	7.3	6.8	6.4	5.9
177.5°	5.0	4.8	4.6	4.5	4.3	4.1	3.9	3.6	3.4	3.2	3.0
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: P231905

CATALOG NUMBER: FVS4WM-2-LD4-35-1HI-PA187-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°	2.7	2.5	2.2	2.0	2.0	1.9	1.9	1.9	1.9	1.9	1.9
5°	5.4	4.9	4.4	3.9	3.9	3.9	3.9	3.9	3.8	3.8	3.7
7.5°	8.1	7.4	6.6	5.9	5.9	5.8	5.8	5.8	5.7	5.7	5.6
10°	10.8	9.8	8.8	7.8	7.8	7.8	7.8	7.7	7.6	7.6	7.5
12.5°	13.5	12.3	11.0	9.8	9.8	9.7	9.7	9.6	9.6	9.5	9.3
15°	16.2	14.7	13.2	11.7	11.7	11.7	11.6	11.6	11.5	11.4	11.2
17.5°	18.9	17.2	15.5	13.7	13.7	13.6	13.6	13.5	13.4	13.2	13.1
20°	21.6	19.6	17.6	15.6	15.6	15.6	15.5	15.4	15.3	15.2	15.0
22.5°	24.5	22.1	19.8	17.6	17.6	17.5	17.5	17.4	17.2	17.1	16.9
25°	31.1	28.4	26.2	23.9	24.0	24.0	23.8	23.6	23.1	22.4	21.5
27.5°	37.9	34.9	32.6	30.2	30.5	30.6	30.6	30.5	29.8	28.9	27.7
30°	44.7	41.3	39.0	36.6	37.0	37.3	37.5	37.5	36.5	35.3	33.5
32.5°	51.5	47.8	45.3	42.9	43.5	44.1	44.4	44.2	43.0	41.2	38.8
35°	58.2	54.3	51.6	49.2	50.1	50.8	51.4	50.9	49.4	46.7	43.7
37.5°	64.8	60.8	57.9	55.5	56.7	57.7	58.5	57.5	55.8	51.9	47.9
40°	71.4	67.2	64.1	61.9	63.3	64.5	65.6	64.0	61.2	56.8	51.7
42.5°	78.0	73.7	70.4	68.2	69.9	71.5	72.7	70.5	66.6	61.5	55.1
45°	84.4	80.1	76.6	74.5	76.5	78.4	79.4	76.8	71.7	65.3	58.1
47.5°	96.6	90.3	84.5	80.4	80.9	81.6	81.4	78.5	72.8	66.3	59.4
50°	109.8	101.1	92.6	86.3	85.0	84.4	82.7	78.8	72.6	65.9	59.4
52.5°	123.5	112.2	100.9	92.2	89.0	87.0	83.9	78.9	72.4	65.7	59.7
55°	137.6	123.6	109.3	98.1	92.9	89.4	85.0	79.0	72.2	65.8	60.4
57.5°	152.0	135.2	117.8	103.9	96.7	91.7	85.9	79.1	72.3	66.2	61.5
60°	166.7	147.1	126.4	109.8	100.4	93.9	86.8	79.3	72.5	67.0	63.0
62.5°	181.8	159.1	135.1	115.7	104.1	95.9	87.6	79.5	72.9	68.1	65.2
65°	197.0	171.3	143.9	121.6	107.6	97.9	88.3	79.8	73.5	69.5	67.7
67.5°	212.4	183.6	152.7	127.5	111.1	99.7	88.9	80.1	74.3	71.0	70.5
70°	213.8	183.4	152.0	126.8	110.2	98.8	88.1	79.3	73.8	71.0	71.3
72.5°	213.9	182.7	151.1	126.2	109.3	97.8	87.2	78.5	73.0	70.4	70.8
75°	214.0	181.7	151.0	125.5	108.4	96.9	86.4	77.7	72.2	69.8	70.2
77.5°	213.9	180.7	149.7	124.9	107.6	96.0	85.7	77.0	71.5	69.2	69.6
80°	213.6	180.5	148.3	124.2	106.8	95.1	85.1	76.4	70.8	68.7	68.9
82.5°	214.1	178.8	147.0	123.6	106.0	94.3	84.6	75.8	70.2	68.1	68.1
85°	213.0	177.0	145.7	122.9	105.3	93.6	84.1	75.3	69.6	67.6	67.3
87.5°	211.9	175.3	144.4	122.3	104.6	92.9	83.7	74.9	69.1	67.2	66.5
90°	210.8	173.5	143.1	121.6	103.9	92.2	83.3	74.5	68.6	66.7	65.7
92.5°	211.9	175.3	144.4	122.3	104.6	92.9	83.7	74.9	69.1	67.2	66.5
95°	213.0	177.0	145.7	122.9	105.3	93.6	84.1	75.3	69.6	67.6	67.3
97.5°	214.1	178.8	147.0	123.6	106.0	94.3	84.6	75.8	70.2	68.1	68.1
100°	213.6	180.5	148.3	124.2	106.8	95.1	85.1	76.4	70.8	68.7	68.9
102.5°	213.9	180.7	149.7	124.9	107.6	96.0	85.7	77.0	71.5	69.2	69.6
105°	214.0	181.7	151.0	125.5	108.4	96.9	86.4	77.7	72.2	69.8	70.2
107.5°	213.9	182.7	151.1	126.2	109.3	97.8	87.2	78.5	73.0	70.4	70.8
110°	213.8	183.4	152.0	126.8	110.2	98.8	88.1	79.3	73.8	71.0	71.3



TEST NUMBER: P231905

CATALOG NUMBER: FVS4WM-2-LD4-35-1HI-PA187-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
112.5°	212.4	183.6	152.7	127.5	111.1	99.7	88.9	80.1	74.3	71.0	70.5
115°	197.0	171.3	143.9	121.6	107.6	97.9	88.3	79.8	73.5	69.5	67.7
117.5°	181.8	159.1	135.1	115.7	104.1	95.9	87.6	79.5	72.9	68.1	65.2
120°	166.7	147.1	126.4	109.8	100.4	93.9	86.8	79.3	72.5	67.0	63.0
122.5°	152.0	135.2	117.8	103.9	96.7	91.7	85.9	79.1	72.3	66.2	61.5
125°	137.6	123.6	109.3	98.1	92.9	89.4	85.0	79.0	72.2	65.8	60.4
127.5°	123.5	112.2	100.9	92.2	89.0	87.0	83.9	78.9	72.4	65.7	59.7
130°	109.8	101.1	92.6	86.3	85.0	84.4	82.7	78.8	72.6	65.9	59.4
132.5°	96.6	90.3	84.5	80.4	80.9	81.6	81.4	78.5	72.8	66.3	59.4
135°	84.4	80.1	76.6	74.5	76.5	78.4	79.4	76.8	71.7	65.3	58.1
137.5°	78.0	73.7	70.4	68.2	69.9	71.5	72.7	70.5	66.6	61.5	55.1
140°	71.4	67.2	64.1	61.9	63.3	64.5	65.6	64.0	61.2	56.8	51.7
142.5°	64.8	60.8	57.9	55.5	56.7	57.7	58.5	57.5	55.8	51.9	47.9
145°	58.2	54.3	51.6	49.2	50.1	50.8	51.4	50.9	49.4	46.7	43.7
147.5°	51.5	47.8	45.3	42.9	43.5	44.1	44.4	44.2	43.0	41.2	38.8
150°	44.7	41.3	39.0	36.6	37.0	37.3	37.5	37.5	36.5	35.3	33.5
152.5°	37.9	34.9	32.6	30.2	30.5	30.6	30.6	30.5	29.8	28.9	27.7
155°	31.1	28.4	26.2	23.9	24.0	24.0	23.8	23.6	23.1	22.4	21.5
157.5°	24.5	22.1	19.8	17.6	17.6	17.5	17.5	17.4	17.2	17.1	16.9
160°	21.6	19.6	17.6	15.6	15.6	15.6	15.5	15.4	15.3	15.2	15.0
162.5°	18.9	17.2	15.5	13.7	13.7	13.6	13.6	13.5	13.4	13.2	13.1
165°	16.2	14.7	13.2	11.7	11.7	11.7	11.6	11.6	11.5	11.4	11.2
167.5°	13.5	12.3	11.0	9.8	9.8	9.7	9.7	9.6	9.6	9.5	9.3
170°	10.8	9.8	8.8	7.8	7.8	7.8	7.8	7.7	7.6	7.6	7.5
172.5°	8.1	7.4	6.6	5.9	5.9	5.8	5.8	5.8	5.7	5.7	5.6
175°	5.4	4.9	4.4	3.9	3.9	3.9	3.9	3.9	3.8	3.8	3.7
177.5°	2.7	2.5	2.2	2.0	2.0	1.9	1.9	1.9	1.9	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: P231905

CATALOG NUMBER: FVS4WM-2-LD4-35-1HI-PA187-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°	1.8	1.8	1.8	1.7	1.7	1.6	1.6	1.6	1.5	1.4	1.4
5°	3.7	3.6	3.5	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8
7.5°	5.5	5.4	5.3	5.2	5.1	5.0	4.8	4.7	4.5	4.3	4.2
10°	7.4	7.2	7.1	7.0	6.8	6.6	6.4	6.2	6.0	5.8	5.6
12.5°	9.2	9.1	8.9	8.7	8.5	8.3	8.1	7.8	7.5	7.3	7.0
15°	11.1	10.9	10.7	10.5	10.2	10.0	9.7	9.4	9.1	8.7	8.4
17.5°	12.9	12.7	12.5	12.2	11.9	11.6	11.3	11.0	10.6	10.2	9.8
20°	14.8	14.5	14.3	14.0	13.7	13.3	13.0	12.6	12.2	11.7	11.3
22.5°	16.6	16.4	16.1	15.8	15.4	15.1	14.7	14.2	13.8	13.3	12.6
25°	20.6	19.5	18.5	17.6	17.2	16.8	16.4	15.9	15.1	14.4	13.6
27.5°	26.3	24.9	23.4	22.0	20.7	19.5	18.3	17.1	16.2	15.6	15.0
30°	31.6	29.5	27.5	25.6	24.0	22.4	20.8	19.3	18.2	17.3	16.2
32.5°	36.2	33.4	30.9	28.6	26.5	24.6	22.8	21.4	20.1	18.7	17.3
35°	40.2	36.8	33.8	31.0	28.7	26.5	24.6	22.9	21.3	19.8	18.8
37.5°	43.7	39.7	36.1	33.2	30.5	28.1	26.0	24.0	22.4	21.2	19.9
40°	46.7	42.1	38.2	35.0	32.0	29.3	27.0	25.1	23.6	22.1	20.7
42.5°	49.3	44.0	40.1	36.5	33.1	30.4	28.0	26.2	24.6	23.0	21.6
45°	51.6	46.1	41.8	37.7	34.1	31.3	29.1	27.2	25.4	23.9	22.5
47.5°	53.0	48.0	43.2	38.5	35.2	32.4	30.0	28.1	26.4	24.7	23.4
50°	53.5	49.4	45.0	40.8	37.0	33.5	31.0	29.1	27.2	25.7	24.4
52.5°	54.9	51.3	47.5	44.2	40.9	37.6	34.3	31.0	28.1	26.8	25.4
55°	56.7	53.8	50.8	48.1	45.2	41.8	38.3	34.7	31.8	29.1	26.7
57.5°	59.0	56.9	54.7	52.5	49.8	45.9	42.1	38.5	35.2	32.0	29.2
60°	61.6	60.4	59.0	57.1	54.2	50.0	45.8	41.9	38.0	34.4	31.2
62.5°	64.7	64.4	63.7	62.0	58.4	53.9	49.4	45.1	40.5	36.6	32.6
65°	68.2	68.7	68.6	67.1	62.6	57.8	52.9	47.8	42.8	38.3	33.8
67.5°	71.9	73.3	73.6	72.0	66.9	61.7	56.2	50.2	44.8	39.8	35.1
70°	73.6	76.1	77.4	76.1	71.0	65.4	59.3	52.5	46.7	41.1	36.3
72.5°	73.2	75.8	77.2	75.7	71.8	67.0	61.0	54.4	48.4	42.3	37.3
75°	72.7	75.5	77.1	75.8	72.5	67.9	61.9	55.6	49.6	43.7	38.5
77.5°	72.1	75.2	77.1	76.1	73.5	69.0	63.0	57.0	51.0	45.0	39.7
80°	71.5	74.9	77.2	76.7	74.8	70.3	64.5	58.7	52.7	46.5	41.1
82.5°	70.8	74.6	77.3	77.5	76.2	71.9	66.2	60.6	54.7	48.0	42.5
85°	70.1	74.3	77.4	78.4	77.9	73.6	68.1	62.7	56.8	49.7	44.2
87.5°	69.4	73.9	77.5	79.4	79.6	75.5	70.3	65.1	59.2	51.7	46.0
90°	68.6	73.5	77.5	80.4	81.4	77.5	72.6	67.6	61.8	53.9	48.0
92.5°	69.4	73.9	77.5	79.4	79.6	75.5	70.3	65.1	59.2	51.7	46.0
95°	70.1	74.3	77.4	78.4	77.9	73.6	68.1	62.7	56.8	49.7	44.2
97.5°	70.8	74.6	77.3	77.5	76.2	71.9	66.2	60.6	54.7	48.0	42.5
100°	71.5	74.9	77.2	76.7	74.8	70.3	64.5	58.7	52.7	46.5	41.1
102.5°	72.1	75.2	77.1	76.1	73.5	69.0	63.0	57.0	51.0	45.0	39.7
105°	72.7	75.5	77.1	75.8	72.5	67.9	61.9	55.6	49.6	43.7	38.5
107.5°	73.2	75.8	77.2	75.7	71.8	67.0	61.0	54.4	48.4	42.3	37.3
110°	73.6	76.1	77.4	76.1	71.0	65.4	59.3	52.5	46.7	41.1	36.3



TEST NUMBER: P231905

CATALOG NUMBER: FVS4WM-2-LD4-35-1HI-PA187-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	71.9	73.3	73.6	72.0	66.9	61.7	56.2	50.2	44.8	39.8	35.1
115°	68.2	68.7	68.6	67.1	62.6	57.8	52.9	47.8	42.8	38.3	33.8
117.5°	64.7	64.4	63.7	62.0	58.4	53.9	49.4	45.1	40.5	36.6	32.6
120°	61.6	60.4	59.0	57.1	54.2	50.0	45.8	41.9	38.0	34.4	31.2
122.5°	59.0	56.9	54.7	52.5	49.8	45.9	42.1	38.5	35.2	32.0	29.2
125°	56.7	53.8	50.8	48.1	45.2	41.8	38.3	34.7	31.8	29.1	26.7
127.5°	54.9	51.3	47.5	44.2	40.9	37.6	34.3	31.0	28.1	26.8	25.4
130°	53.5	49.4	45.0	40.8	37.0	33.5	31.0	29.1	27.2	25.7	24.4
132.5°	53.0	48.0	43.2	38.5	35.2	32.4	30.0	28.1	26.4	24.7	23.4
135°	51.6	46.1	41.8	37.7	34.1	31.3	29.1	27.2	25.4	23.9	22.5
137.5°	49.3	44.0	40.1	36.5	33.1	30.4	28.0	26.2	24.6	23.0	21.6
140°	46.7	42.1	38.2	35.0	32.0	29.3	27.0	25.1	23.6	22.1	20.7
142.5°	43.7	39.7	36.1	33.2	30.5	28.1	26.0	24.0	22.4	21.2	19.9
145°	40.2	36.8	33.8	31.0	28.7	26.5	24.6	22.9	21.3	19.8	18.8
147.5°	36.2	33.4	30.9	28.6	26.5	24.6	22.8	21.4	20.1	18.7	17.3
150°	31.6	29.5	27.5	25.6	24.0	22.4	20.8	19.3	18.2	17.3	16.2
152.5°	26.3	24.9	23.4	22.0	20.7	19.5	18.3	17.1	16.2	15.6	15.0
155°	20.6	19.5	18.5	17.6	17.2	16.8	16.4	15.9	15.1	14.4	13.6
157.5°	16.6	16.4	16.1	15.8	15.4	15.1	14.7	14.2	13.8	13.3	12.6
160°	14.8	14.5	14.3	14.0	13.7	13.3	13.0	12.6	12.2	11.7	11.3
162.5°	12.9	12.7	12.5	12.2	11.9	11.6	11.3	11.0	10.6	10.2	9.8
165°	11.1	10.9	10.7	10.5	10.2	10.0	9.7	9.4	9.1	8.7	8.4
167.5°	9.2	9.1	8.9	8.7	8.5	8.3	8.1	7.8	7.5	7.3	7.0
170°	7.4	7.2	7.1	7.0	6.8	6.6	6.4	6.2	6.0	5.8	5.6
172.5°	5.5	5.4	5.3	5.2	5.1	5.0	4.8	4.7	4.5	4.3	4.2
175°	3.7	3.6	3.5	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8
177.5°	1.8	1.8	1.8	1.7	1.7	1.6	1.6	1.6	1.5	1.4	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: P231905

CATALOG NUMBER: FVS4WM-2-LD4-35-1HI-PA187-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°	1.3	1.3	1.2	1.1	1.1	1.0	0.9	0.8	0.7	0.7	0.6
5°	2.6	2.5	2.4	2.2	2.1	2.0	1.8	1.7	1.5	1.3	1.2
7.5°	4.0	3.8	3.6	3.4	3.2	2.9	2.7	2.5	2.3	2.0	1.8
10°	5.3	5.1	4.8	4.5	4.2	3.9	3.6	3.3	3.0	2.7	2.4
12.5°	6.7	6.3	6.0	5.7	5.3	4.9	4.6	4.2	3.8	3.4	3.0
15°	8.0	7.6	7.2	6.8	6.4	6.0	5.5	5.1	4.6	4.1	3.6
17.5°	9.4	9.0	8.5	8.0	7.5	7.0	6.4	5.8	5.3	4.7	4.1
20°	10.8	10.3	9.6	9.0	8.3	7.7	7.1	6.5	5.9	5.3	4.6
22.5°	11.9	11.2	10.5	9.9	9.3	8.7	8.0	7.3	6.6	5.8	5.1
25°	13.0	12.4	11.8	11.0	10.2	9.4	8.6	7.8	7.1	6.3	5.6
27.5°	14.4	13.5	12.6	11.7	10.9	10.2	9.4	8.7	7.8	6.9	6.0
30°	15.2	14.2	13.5	12.8	12.0	11.0	10.1	9.1	8.1	7.3	6.4
32.5°	16.4	15.5	14.7	13.6	12.5	11.5	10.7	9.8	9.0	8.0	6.9
35°	17.8	16.5	15.3	14.3	13.5	12.6	11.5	10.4	9.3	8.2	7.1
37.5°	18.5	17.3	16.3	15.5	14.3	13.0	11.8	10.6	9.5	8.3	7.3
40°	19.4	18.4	17.2	16.0	14.7	13.3	12.0	11.0	10.0	9.0	7.9
42.5°	20.4	19.1	17.8	16.5	15.1	14.0	13.0	11.9	10.6	9.3	8.1
45°	21.2	19.9	18.5	17.1	16.1	14.9	13.5	12.1	11.0	9.9	8.8
47.5°	22.1	20.6	19.3	18.2	16.7	15.1	13.9	12.9	11.7	10.2	8.8
50°	23.0	21.6	20.4	18.6	17.0	15.9	14.7	13.2	11.8	10.6	9.5
52.5°	24.0	22.7	20.7	19.1	17.9	16.5	15.0	13.6	12.4	11.4	10.3
55°	25.0	23.1	21.2	19.9	18.5	17.0	15.4	14.2	13.2	12.0	10.5
57.5°	26.4	23.6	22.1	20.6	19.1	17.2	16.1	15.1	13.5	11.8	10.3
60°	27.8	25.2	23.2	21.4	19.2	18.0	17.0	15.1	13.4	11.9	10.2
62.5°	29.2	26.5	24.3	21.7	20.0	19.0	16.9	15.2	13.7	11.7	10.0
65°	30.4	27.6	24.8	22.2	20.9	18.8	17.1	15.5	13.4	11.5	9.7
67.5°	31.4	28.5	25.2	22.9	20.8	18.6	17.1	15.3	13.2	11.1	9.3
70°	32.5	29.0	25.7	23.1	20.5	18.3	16.4	14.5	12.6	10.8	8.8
72.5°	33.3	29.5	26.0	23.1	20.2	17.8	15.8	13.6	11.8	10.1	8.2
75°	34.2	30.0	26.1	23.1	19.7	17.4	15.1	13.0	11.1	9.3	7.5
77.5°	35.1	30.5	26.5	22.9	19.3	17.2	14.4	12.5	10.6	8.7	7.0
80°	36.0	31.2	26.9	22.7	19.2	16.5	14.0	12.2	10.2	8.2	6.6
82.5°	37.1	31.9	27.3	22.6	18.9	15.8	13.3	11.4	9.6	7.9	6.0
85°	38.2	32.8	27.8	22.6	18.7	15.2	12.6	10.7	8.8	7.3	5.6
87.5°	39.6	33.9	28.5	22.9	18.5	14.8	12.1	10.2	8.2	7.0	5.6
90°	41.2	35.3	29.4	23.5	18.6	14.7	11.8	9.8	7.8	6.9	5.9
92.5°	39.6	33.9	28.5	22.9	18.5	14.8	12.1	10.2	8.2	7.0	5.6
95°	38.2	32.8	27.8	22.6	18.7	15.2	12.6	10.7	8.8	7.3	5.6
97.5°	37.1	31.9	27.3	22.6	18.9	15.8	13.3	11.4	9.6	7.9	6.0
100°	36.0	31.2	26.9	22.7	19.2	16.5	14.0	12.2	10.2	8.2	6.6
102.5°	35.1	30.5	26.5	22.9	19.3	17.2	14.4	12.5	10.6	8.7	7.0
105°	34.2	30.0	26.1	23.1	19.7	17.4	15.1	13.0	11.1	9.3	7.5
107.5°	33.3	29.5	26.0	23.1	20.2	17.8	15.8	13.6	11.8	10.1	8.2
110°	32.5	29.0	25.7	23.1	20.5	18.3	16.4	14.5	12.6	10.8	8.8





TEST NUMBER: P231905

CATALOG NUMBER: FVS4WM-2-LD4-35-1HI-PA187-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
112.5°	31.4	28.5	25.2	22.9	20.8	18.6	17.1	15.3	13.2	11.1	9.3
115°	30.4	27.6	24.8	22.2	20.9	18.8	17.1	15.5	13.4	11.5	9.7
117.5°	29.2	26.5	24.3	21.7	20.0	19.0	16.9	15.2	13.7	11.7	10.0
120°	27.8	25.2	23.2	21.4	19.2	18.0	17.0	15.1	13.4	11.9	10.2
122.5°	26.4	23.6	22.1	20.6	19.1	17.2	16.1	15.1	13.5	11.8	10.3
125°	25.0	23.1	21.2	19.9	18.5	17.0	15.4	14.2	13.2	12.0	10.5
127.5°	24.0	22.7	20.7	19.1	17.9	16.5	15.0	13.6	12.4	11.4	10.3
130°	23.0	21.6	20.4	18.6	17.0	15.9	14.7	13.2	11.8	10.6	9.5
132.5°	22.1	20.6	19.3	18.2	16.7	15.1	13.9	12.9	11.7	10.2	8.8
135°	21.2	19.9	18.5	17.1	16.1	14.9	13.5	12.1	11.0	9.9	8.8
137.5°	20.4	19.1	17.8	16.5	15.1	14.0	13.0	11.9	10.6	9.3	8.1
140°	19.4	18.4	17.2	16.0	14.7	13.3	12.0	11.0	10.0	9.0	7.9
142.5°	18.5	17.3	16.3	15.5	14.3	13.0	11.8	10.6	9.5	8.3	7.3
145°	17.8	16.5	15.3	14.3	13.5	12.6	11.5	10.4	9.3	8.2	7.1
147.5°	16.4	15.5	14.7	13.6	12.5	11.5	10.7	9.8	9.0	8.0	6.9
150°	15.2	14.2	13.5	12.8	12.0	11.0	10.1	9.1	8.1	7.3	6.4
152.5°	14.4	13.5	12.6	11.7	10.9	10.2	9.4	8.7	7.8	6.9	6.0
155°	13.0	12.4	11.8	11.0	10.2	9.4	8.6	7.8	7.1	6.3	5.6
157.5°	11.9	11.2	10.5	9.9	9.3	8.7	8.0	7.3	6.6	5.8	5.1
160°	10.8	10.3	9.6	9.0	8.3	7.7	7.1	6.5	5.9	5.3	4.6
162.5°	9.4	9.0	8.5	8.0	7.5	7.0	6.4	5.8	5.3	4.7	4.1
165°	8.0	7.6	7.2	6.8	6.4	6.0	5.5	5.1	4.6	4.1	3.6
167.5°	6.7	6.3	6.0	5.7	5.3	4.9	4.6	4.2	3.8	3.4	3.0
170°	5.3	5.1	4.8	4.5	4.2	3.9	3.6	3.3	3.0	2.7	2.4
172.5°	4.0	3.8	3.6	3.4	3.2	2.9	2.7	2.5	2.3	2.0	1.8
175°	2.6	2.5	2.4	2.2	2.1	2.0	1.8	1.7	1.5	1.3	1.2
177.5°	1.3	1.3	1.2	1.1	1.1	1.0	0.9	0.8	0.7	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: P231905

CATALOG NUMBER: FVS4WM-2-LD4-35-1HI-PA187-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°	1.0	0.8	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°	2.0	1.7	1.4	1.0	0.7	0.3	0.0	0.3	0.7	1.0	1.4
12.5°	2.6	2.1	1.7	1.3	0.9	0.4	0.0	0.4	0.9	1.3	1.7
15°	3.1	2.6	2.1	1.6	1.0	0.5	0.0	0.5	1.0	1.6	2.1
17.5°	3.5	2.9	2.3	1.8	1.2	0.6	0.0	0.6	1.2	1.8	2.3
20°	4.0	3.3	2.7	2.0	1.3	0.7	0.0	0.7	1.3	2.0	2.7
22.5°	4.4	3.6	2.9	2.2	1.4	0.7	0.0	0.7	1.4	2.2	2.9
25°	4.8	4.0	3.2	2.4	1.6	0.8	0.0	0.8	1.6	2.4	3.2
27.5°	5.2	4.3	3.4	2.6	1.7	0.9	0.0	0.9	1.7	2.6	3.4
30°	5.6	4.7	3.7	2.8	1.9	0.9	0.0	0.9	1.9	2.8	3.7
32.5°	5.9	4.9	3.9	2.9	1.9	1.0	0.0	1.0	1.9	2.9	3.9
35°	6.0	5.0	4.0	3.0	2.0	1.0	0.0	1.0	2.0	3.0	4.0
37.5°	6.3	5.3	4.3	3.2	2.2	1.1	0.0	1.1	2.2	3.2	4.3
40°	6.7	5.6	4.4	3.3	2.2	1.1	0.0	1.1	2.2	3.3	4.4
42.5°	7.0	5.9	4.7	3.6	2.4	1.2	0.0	1.2	2.4	3.6	4.7
45°	7.5	6.2	4.9	3.6	2.4	1.2	0.0	1.2	2.4	3.6	4.9
47.5°	7.6	6.4	5.2	3.9	2.6	1.3	0.0	1.3	2.6	3.9	5.2
50°	8.2	6.9	5.6	4.2	2.8	1.4	0.0	1.4	2.8	4.2	5.6
52.5°	8.9	7.3	5.8	4.3	2.9	1.4	0.0	1.4	2.9	4.3	5.8
55°	8.9	7.3	5.8	4.3	2.8	1.4	0.0	1.4	2.8	4.3	5.8
57.5°	8.8	7.2	5.6	4.2	2.7	1.4	0.0	1.4	2.7	4.2	5.6
60°	8.6	7.1	5.5	4.1	2.7	1.3	0.0	1.3	2.7	4.1	5.5
62.5°	8.4	6.9	5.4	3.9	2.6	1.3	0.0	1.3	2.6	3.9	5.4
65°	8.0	6.5	5.1	3.7	2.4	1.2	0.0	1.2	2.4	3.7	5.1
67.5°	7.6	6.1	4.7	3.4	2.2	1.1	0.0	1.1	2.2	3.4	4.7
70°	7.0	5.5	4.2	3.0	1.9	0.9	0.0	0.9	1.9	3.0	4.2
72.5°	6.4	5.1	3.8	2.5	1.5	0.7	0.0	0.7	1.5	2.5	3.8
75°	6.2	4.7	3.1	2.2	1.6	0.8	0.0	0.8	1.6	2.2	3.1
77.5°	5.6	3.9	2.9	1.9	0.7	0.1	0.0	0.1	0.7	1.9	2.9
80°	4.7	3.4	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9
82.5°	4.1	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	3.7	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	3.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	3.7	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	4.1	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	4.7	3.4	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9
102.5°	5.6	3.9	2.9	1.9	0.7	0.1	0.0	0.1	0.7	1.9	2.9
105°	6.2	4.7	3.1	2.2	1.6	0.8	0.0	0.8	1.6	2.2	3.1
107.5°	6.4	5.1	3.8	2.5	1.5	0.7	0.0	0.7	1.5	2.5	3.8
110°	7.0	5.5	4.2	3.0	1.9	0.9	0.0	0.9	1.9	3.0	4.2



TEST NUMBER: P231905

CATALOG NUMBER: FVS4WM-2-LD4-35-1HI-PA187-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	7.6	6.1	4.7	3.4	2.2	1.1	0.0	1.1	2.2	3.4	4.7
115°	8.0	6.5	5.1	3.7	2.4	1.2	0.0	1.2	2.4	3.7	5.1
117.5°	8.4	6.9	5.4	3.9	2.6	1.3	0.0	1.3	2.6	3.9	5.4
120°	8.6	7.1	5.5	4.1	2.7	1.3	0.0	1.3	2.7	4.1	5.5
122.5°	8.8	7.2	5.6	4.2	2.7	1.4	0.0	1.4	2.7	4.2	5.6
125°	8.9	7.3	5.8	4.3	2.8	1.4	0.0	1.4	2.8	4.3	5.8
127.5°	8.9	7.3	5.8	4.3	2.9	1.4	0.0	1.4	2.9	4.3	5.8
130°	8.2	6.9	5.6	4.2	2.8	1.4	0.0	1.4	2.8	4.2	5.6
132.5°	7.6	6.4	5.2	3.9	2.6	1.3	0.0	1.3	2.6	3.9	5.2
135°	7.5	6.2	4.9	3.6	2.4	1.2	0.0	1.2	2.4	3.6	4.9
137.5°	7.0	5.9	4.7	3.6	2.4	1.2	0.0	1.2	2.4	3.6	4.7
140°	6.7	5.6	4.4	3.3	2.2	1.1	0.0	1.1	2.2	3.3	4.4
142.5°	6.3	5.3	4.3	3.2	2.2	1.1	0.0	1.1	2.2	3.2	4.3
145°	6.0	5.0	4.0	3.0	2.0	1.0	0.0	1.0	2.0	3.0	4.0
147.5°	5.9	4.9	3.9	2.9	1.9	1.0	0.0	1.0	1.9	2.9	3.9
150°	5.6	4.7	3.7	2.8	1.9	0.9	0.0	0.9	1.9	2.8	3.7
152.5°	5.2	4.3	3.4	2.6	1.7	0.9	0.0	0.9	1.7	2.6	3.4
155°	4.8	4.0	3.2	2.4	1.6	0.8	0.0	0.8	1.6	2.4	3.2
157.5°	4.4	3.6	2.9	2.2	1.4	0.7	0.0	0.7	1.4	2.2	2.9
160°	4.0	3.3	2.7	2.0	1.3	0.7	0.0	0.7	1.3	2.0	2.7
162.5°	3.5	2.9	2.3	1.8	1.2	0.6	0.0	0.6	1.2	1.8	2.3
165°	3.1	2.6	2.1	1.6	1.0	0.5	0.0	0.5	1.0	1.6	2.1
167.5°	2.6	2.1	1.7	1.3	0.9	0.4	0.0	0.4	0.9	1.3	1.7
170°	2.0	1.7	1.4	1.0	0.7	0.3	0.0	0.3	0.7	1.0	1.4
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	0.8	0.7	0.5	0.3	0.2	0.0	0.2	0.3	0.5	0.7
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: P231905

CATALOG NUMBER: FVS4WM-2-LD4-35-1HI-PA187-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	0.7	0.8	0.9	1.0	1.1	1.1	1.2
5°	0.8	1.0	1.2	1.3	1.5	1.7	1.8	2.0	2.1	2.2	2.4
7.5°	1.3	1.5	1.8	2.0	2.3	2.5	2.7	2.9	3.2	3.4	3.6
10°	1.7	2.0	2.4	2.7	3.0	3.3	3.6	3.9	4.2	4.5	4.8
12.5°	2.1	2.6	3.0	3.4	3.8	4.2	4.6	4.9	5.3	5.7	6.0
15°	2.6	3.1	3.6	4.1	4.6	5.1	5.5	6.0	6.4	6.8	7.2
17.5°	2.9	3.5	4.1	4.7	5.3	5.8	6.4	7.0	7.5	8.0	8.5
20°	3.3	4.0	4.6	5.3	5.9	6.5	7.1	7.7	8.3	9.0	9.6
22.5°	3.6	4.4	5.1	5.8	6.6	7.3	8.0	8.7	9.3	9.9	10.5
25°	4.0	4.8	5.6	6.3	7.1	7.8	8.6	9.4	10.2	11.0	11.8
27.5°	4.3	5.2	6.0	6.9	7.8	8.7	9.4	10.2	10.9	11.7	12.6
30°	4.7	5.6	6.4	7.3	8.1	9.1	10.1	11.0	12.0	12.8	13.5
32.5°	4.9	5.9	6.9	8.0	9.0	9.8	10.7	11.5	12.5	13.6	14.7
35°	5.0	6.0	7.1	8.2	9.3	10.4	11.5	12.6	13.5	14.3	15.3
37.5°	5.3	6.3	7.3	8.3	9.5	10.6	11.8	13.0	14.3	15.5	16.3
40°	5.6	6.7	7.9	9.0	10.0	11.0	12.0	13.3	14.7	16.0	17.2
42.5°	5.9	7.0	8.1	9.3	10.6	11.9	13.0	14.0	15.1	16.5	17.8
45°	6.2	7.5	8.8	9.9	11.0	12.1	13.5	14.9	16.1	17.1	18.5
47.5°	6.4	7.6	8.8	10.2	11.7	12.9	13.9	15.1	16.7	18.2	19.3
50°	6.9	8.2	9.5	10.6	11.8	13.2	14.7	15.9	17.0	18.6	20.4
52.5°	7.3	8.9	10.3	11.4	12.4	13.6	15.0	16.5	17.9	19.1	20.7
55°	7.3	8.9	10.5	12.0	13.2	14.2	15.4	17.0	18.5	19.9	21.2
57.5°	7.2	8.8	10.3	11.8	13.5	15.1	16.1	17.2	19.1	20.6	22.1
60°	7.1	8.6	10.2	11.9	13.4	15.1	17.0	18.0	19.2	21.4	23.2
62.5°	6.9	8.4	10.0	11.7	13.7	15.2	16.9	19.0	20.0	21.7	24.3
65°	6.5	8.0	9.7	11.5	13.4	15.5	17.1	18.8	20.9	22.2	24.8
67.5°	6.1	7.6	9.3	11.1	13.2	15.3	17.1	18.6	20.8	22.9	25.2
70°	5.5	7.0	8.8	10.8	12.6	14.5	16.4	18.3	20.5	23.1	25.7
72.5°	5.1	6.4	8.2	10.1	11.8	13.6	15.8	17.8	20.2	23.1	26.0
75°	4.7	6.2	7.5	9.3	11.1	13.0	15.1	17.4	19.7	23.1	26.1
77.5°	3.9	5.6	7.0	8.7	10.6	12.5	14.4	17.2	19.3	22.9	26.5
80°	3.4	4.7	6.6	8.2	10.2	12.2	14.0	16.5	19.2	22.7	26.9
82.5°	2.4	4.1	6.0	7.9	9.6	11.4	13.3	15.8	18.9	22.6	27.3
85°	1.1	3.7	5.6	7.3	8.8	10.7	12.6	15.2	18.7	22.6	27.8
87.5°	0.3	3.6	5.6	7.0	8.2	10.2	12.1	14.8	18.5	22.9	28.5
90°	0.0	3.9	5.9	6.9	7.8	9.8	11.8	14.7	18.6	23.5	29.4
92.5°	0.3	3.6	5.6	7.0	8.2	10.2	12.1	14.8	18.5	22.9	28.5
95°	1.1	3.7	5.6	7.3	8.8	10.7	12.6	15.2	18.7	22.6	27.8
97.5°	2.4	4.1	6.0	7.9	9.6	11.4	13.3	15.8	18.9	22.6	27.3
100°	3.4	4.7	6.6	8.2	10.2	12.2	14.0	16.5	19.2	22.7	26.9
102.5°	3.9	5.6	7.0	8.7	10.6	12.5	14.4	17.2	19.3	22.9	26.5
105°	4.7	6.2	7.5	9.3	11.1	13.0	15.1	17.4	19.7	23.1	26.1
107.5°	5.1	6.4	8.2	10.1	11.8	13.6	15.8	17.8	20.2	23.1	26.0
110°	5.5	7.0	8.8	10.8	12.6	14.5	16.4	18.3	20.5	23.1	25.7



TEST NUMBER: P231905

CATALOG NUMBER: FVS4WM-2-LD4-35-1HI-PA187-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
112.5°	6.1	7.6	9.3	11.1	13.2	15.3	17.1	18.6	20.8	22.9	25.2
115°	6.5	8.0	9.7	11.5	13.4	15.5	17.1	18.8	20.9	22.2	24.8
117.5°	6.9	8.4	10.0	11.7	13.7	15.2	16.9	19.0	20.0	21.7	24.3
120°	7.1	8.6	10.2	11.9	13.4	15.1	17.0	18.0	19.2	21.4	23.2
122.5°	7.2	8.8	10.3	11.8	13.5	15.1	16.1	17.2	19.1	20.6	22.1
125°	7.3	8.9	10.5	12.0	13.2	14.2	15.4	17.0	18.5	19.9	21.2
127.5°	7.3	8.9	10.3	11.4	12.4	13.6	15.0	16.5	17.9	19.1	20.7
130°	6.9	8.2	9.5	10.6	11.8	13.2	14.7	15.9	17.0	18.6	20.4
132.5°	6.4	7.6	8.8	10.2	11.7	12.9	13.9	15.1	16.7	18.2	19.3
135°	6.2	7.5	8.8	9.9	11.0	12.1	13.5	14.9	16.1	17.1	18.5
137.5°	5.9	7.0	8.1	9.3	10.6	11.9	13.0	14.0	15.1	16.5	17.8
140°	5.6	6.7	7.9	9.0	10.0	11.0	12.0	13.3	14.7	16.0	17.2
142.5°	5.3	6.3	7.3	8.3	9.5	10.6	11.8	13.0	14.3	15.5	16.3
145°	5.0	6.0	7.1	8.2	9.3	10.4	11.5	12.6	13.5	14.3	15.3
147.5°	4.9	5.9	6.9	8.0	9.0	9.8	10.7	11.5	12.5	13.6	14.7
150°	4.7	5.6	6.4	7.3	8.1	9.1	10.1	11.0	12.0	12.8	13.5
152.5°	4.3	5.2	6.0	6.9	7.8	8.7	9.4	10.2	10.9	11.7	12.6
155°	4.0	4.8	5.6	6.3	7.1	7.8	8.6	9.4	10.2	11.0	11.8
157.5°	3.6	4.4	5.1	5.8	6.6	7.3	8.0	8.7	9.3	9.9	10.5
160°	3.3	4.0	4.6	5.3	5.9	6.5	7.1	7.7	8.3	9.0	9.6
162.5°	2.9	3.5	4.1	4.7	5.3	5.8	6.4	7.0	7.5	8.0	8.5
165°	2.6	3.1	3.6	4.1	4.6	5.1	5.5	6.0	6.4	6.8	7.2
167.5°	2.1	2.6	3.0	3.4	3.8	4.2	4.6	4.9	5.3	5.7	6.0
170°	1.7	2.0	2.4	2.7	3.0	3.3	3.6	3.9	4.2	4.5	4.8
172.5°	1.3	1.5	1.8	2.0	2.3	2.5	2.7	2.9	3.2	3.4	3.6
175°	0.8	1.0	1.2	1.3	1.5	1.7	1.8	2.0	2.1	2.2	2.4
177.5°	0.4	0.5	0.6	0.7	0.7	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: P231905

CATALOG NUMBER: FVS4WM-2-LD4-35-1HI-PA187-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	1.3	1.4	1.4	1.5	1.6	1.6	1.6	1.7	1.7	1.8
5°	2.5	2.6	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.5
7.5°	3.8	4.0	4.2	4.3	4.5	4.7	4.8	5.0	5.1	5.2	5.3
10°	5.1	5.3	5.6	5.8	6.0	6.2	6.4	6.6	6.8	7.0	7.1
12.5°	6.3	6.7	7.0	7.3	7.5	7.8	8.1	8.3	8.5	8.7	8.9
15°	7.6	8.0	8.4	8.7	9.1	9.4	9.7	10.0	10.2	10.5	10.7
17.5°	9.0	9.4	9.8	10.2	10.6	11.0	11.3	11.6	11.9	12.2	12.5
20°	10.3	10.8	11.3	11.7	12.2	12.6	13.0	13.3	13.7	14.0	14.3
22.5°	11.2	11.9	12.6	13.3	13.8	14.2	14.7	15.1	15.4	15.8	16.1
25°	12.4	13.0	13.6	14.4	15.1	15.9	16.4	16.8	17.2	17.6	18.5
27.5°	13.5	14.4	15.0	15.6	16.2	17.1	18.3	19.5	20.7	22.0	23.4
30°	14.2	15.2	16.2	17.3	18.2	19.3	20.8	22.4	24.0	25.6	27.5
32.5°	15.5	16.4	17.3	18.7	20.1	21.4	22.8	24.6	26.5	28.6	30.9
35°	16.5	17.8	18.8	19.8	21.3	22.9	24.6	26.5	28.7	31.0	33.8
37.5°	17.3	18.5	19.9	21.2	22.4	24.0	26.0	28.1	30.5	33.2	36.1
40°	18.4	19.4	20.7	22.1	23.6	25.1	27.0	29.3	32.0	35.0	38.2
42.5°	19.1	20.4	21.6	23.0	24.6	26.2	28.0	30.4	33.1	36.5	40.1
45°	19.9	21.2	22.5	23.9	25.4	27.2	29.1	31.3	34.1	37.7	41.8
47.5°	20.6	22.1	23.4	24.7	26.4	28.1	30.0	32.4	35.2	38.5	43.2
50°	21.6	23.0	24.4	25.7	27.2	29.1	31.0	33.5	37.0	40.8	45.0
52.5°	22.7	24.0	25.4	26.8	28.1	31.0	34.3	37.6	40.9	44.2	47.5
55°	23.1	25.0	26.7	29.1	31.8	34.7	38.3	41.8	45.2	48.1	50.8
57.5°	23.6	26.4	29.2	32.0	35.2	38.5	42.1	45.9	49.8	52.5	54.7
60°	25.2	27.8	31.2	34.4	38.0	41.9	45.8	50.0	54.2	57.1	59.0
62.5°	26.5	29.2	32.6	36.6	40.5	45.1	49.4	53.9	58.4	62.0	63.7
65°	27.6	30.4	33.8	38.3	42.8	47.8	52.9	57.8	62.6	67.1	68.6
67.5°	28.5	31.4	35.1	39.8	44.8	50.2	56.2	61.7	66.9	72.0	73.6
70°	29.0	32.5	36.3	41.1	46.7	52.5	59.3	65.4	71.0	76.1	77.4
72.5°	29.5	33.3	37.3	42.3	48.4	54.4	61.0	67.0	71.8	75.7	77.2
75°	30.0	34.2	38.5	43.7	49.6	55.6	61.9	67.9	72.5	75.8	77.1
77.5°	30.5	35.1	39.7	45.0	51.0	57.0	63.0	69.0	73.5	76.1	77.1
80°	31.2	36.0	41.1	46.5	52.7	58.7	64.5	70.3	74.8	76.7	77.2
82.5°	31.9	37.1	42.5	48.0	54.7	60.6	66.2	71.9	76.2	77.5	77.3
85°	32.8	38.2	44.2	49.7	56.8	62.7	68.1	73.6	77.9	78.4	77.4
87.5°	33.9	39.6	46.0	51.7	59.2	65.1	70.3	75.5	79.6	79.4	77.5
90°	35.3	41.2	48.0	53.9	61.8	67.6	72.6	77.5	81.4	80.4	77.5
92.5°	33.9	39.6	46.0	51.7	59.2	65.1	70.3	75.5	79.6	79.4	77.5
95°	32.8	38.2	44.2	49.7	56.8	62.7	68.1	73.6	77.9	78.4	77.4
97.5°	31.9	37.1	42.5	48.0	54.7	60.6	66.2	71.9	76.2	77.5	77.3
100°	31.2	36.0	41.1	46.5	52.7	58.7	64.5	70.3	74.8	76.7	77.2
102.5°	30.5	35.1	39.7	45.0	51.0	57.0	63.0	69.0	73.5	76.1	77.1
105°	30.0	34.2	38.5	43.7	49.6	55.6	61.9	67.9	72.5	75.8	77.1
107.5°	29.5	33.3	37.3	42.3	48.4	54.4	61.0	67.0	71.8	75.7	77.2
110°	29.0	32.5	36.3	41.1	46.7	52.5	59.3	65.4	71.0	76.1	77.4



TEST NUMBER: P231905

CATALOG NUMBER: FVS4WM-2-LD4-35-1HI-PA187-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	28.5	31.4	35.1	39.8	44.8	50.2	56.2	61.7	66.9	72.0	73.6
115°	27.6	30.4	33.8	38.3	42.8	47.8	52.9	57.8	62.6	67.1	68.6
117.5°	26.5	29.2	32.6	36.6	40.5	45.1	49.4	53.9	58.4	62.0	63.7
120°	25.2	27.8	31.2	34.4	38.0	41.9	45.8	50.0	54.2	57.1	59.0
122.5°	23.6	26.4	29.2	32.0	35.2	38.5	42.1	45.9	49.8	52.5	54.7
125°	23.1	25.0	26.7	29.1	31.8	34.7	38.3	41.8	45.2	48.1	50.8
127.5°	22.7	24.0	25.4	26.8	28.1	31.0	34.3	37.6	40.9	44.2	47.5
130°	21.6	23.0	24.4	25.7	27.2	29.1	31.0	33.5	37.0	40.8	45.0
132.5°	20.6	22.1	23.4	24.7	26.4	28.1	30.0	32.4	35.2	38.5	43.2
135°	19.9	21.2	22.5	23.9	25.4	27.2	29.1	31.3	34.1	37.7	41.8
137.5°	19.1	20.4	21.6	23.0	24.6	26.2	28.0	30.4	33.1	36.5	40.1
140°	18.4	19.4	20.7	22.1	23.6	25.1	27.0	29.3	32.0	35.0	38.2
142.5°	17.3	18.5	19.9	21.2	22.4	24.0	26.0	28.1	30.5	33.2	36.1
145°	16.5	17.8	18.8	19.8	21.3	22.9	24.6	26.5	28.7	31.0	33.8
147.5°	15.5	16.4	17.3	18.7	20.1	21.4	22.8	24.6	26.5	28.6	30.9
150°	14.2	15.2	16.2	17.3	18.2	19.3	20.8	22.4	24.0	25.6	27.5
152.5°	13.5	14.4	15.0	15.6	16.2	17.1	18.3	19.5	20.7	22.0	23.4
155°	12.4	13.0	13.6	14.4	15.1	15.9	16.4	16.8	17.2	17.6	18.5
157.5°	11.2	11.9	12.6	13.3	13.8	14.2	14.7	15.1	15.4	15.8	16.1
160°	10.3	10.8	11.3	11.7	12.2	12.6	13.0	13.3	13.7	14.0	14.3
162.5°	9.0	9.4	9.8	10.2	10.6	11.0	11.3	11.6	11.9	12.2	12.5
165°	7.6	8.0	8.4	8.7	9.1	9.4	9.7	10.0	10.2	10.5	10.7
167.5°	6.3	6.7	7.0	7.3	7.5	7.8	8.1	8.3	8.5	8.7	8.9
170°	5.1	5.3	5.6	5.8	6.0	6.2	6.4	6.6	6.8	7.0	7.1
172.5°	3.8	4.0	4.2	4.3	4.5	4.7	4.8	5.0	5.1	5.2	5.3
175°	2.5	2.6	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.5
177.5°	1.3	1.3	1.4	1.4	1.5	1.6	1.6	1.6	1.7	1.7	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: P231905

CATALOG NUMBER: FVS4WM-2-LD4-35-1HI-PA187-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	1.8	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.2
5°	3.6	3.7	3.7	3.8	3.8	3.9	3.9	3.9	3.9	3.9	4.4
7.5°	5.4	5.5	5.6	5.7	5.7	5.8	5.8	5.8	5.9	5.9	6.6
10°	7.2	7.4	7.5	7.6	7.6	7.7	7.8	7.8	7.8	7.8	8.8
12.5°	9.1	9.2	9.3	9.5	9.6	9.6	9.7	9.7	9.8	9.8	11.0
15°	10.9	11.1	11.2	11.4	11.5	11.6	11.6	11.7	11.7	11.7	13.2
17.5°	12.7	12.9	13.1	13.2	13.4	13.5	13.6	13.6	13.7	13.7	15.5
20°	14.5	14.8	15.0	15.2	15.3	15.4	15.5	15.6	15.6	15.6	17.6
22.5°	16.4	16.6	16.9	17.1	17.2	17.4	17.5	17.5	17.6	17.6	19.8
25°	19.5	20.6	21.5	22.4	23.1	23.6	23.8	24.0	24.0	23.9	26.2
27.5°	24.9	26.3	27.7	28.9	29.8	30.5	30.6	30.6	30.5	30.2	32.6
30°	29.5	31.6	33.5	35.3	36.5	37.5	37.5	37.3	37.0	36.6	39.0
32.5°	33.4	36.2	38.8	41.2	43.0	44.2	44.4	44.1	43.5	42.9	45.3
35°	36.8	40.2	43.7	46.7	49.4	50.9	51.4	50.8	50.1	49.2	51.6
37.5°	39.7	43.7	47.9	51.9	55.8	57.5	58.5	57.7	56.7	55.5	57.9
40°	42.1	46.7	51.7	56.8	61.2	64.0	65.6	64.5	63.3	61.9	64.1
42.5°	44.0	49.3	55.1	61.5	66.6	70.5	72.7	71.5	69.9	68.2	70.4
45°	46.1	51.6	58.1	65.3	71.7	76.8	79.4	78.4	76.5	74.5	76.6
47.5°	48.0	53.0	59.4	66.3	72.8	78.5	81.4	81.6	80.9	80.4	84.5
50°	49.4	53.5	59.4	65.9	72.6	78.8	82.7	84.4	85.0	86.3	92.6
52.5°	51.3	54.9	59.7	65.7	72.4	78.9	83.9	87.0	89.0	92.2	100.9
55°	53.8	56.7	60.4	65.8	72.2	79.0	85.0	89.4	92.9	98.1	109.3
57.5°	56.9	59.0	61.5	66.2	72.3	79.1	85.9	91.7	96.7	103.9	117.8
60°	60.4	61.6	63.0	67.0	72.5	79.3	86.8	93.9	100.4	109.8	126.4
62.5°	64.4	64.7	65.2	68.1	72.9	79.5	87.6	95.9	104.1	115.7	135.1
65°	68.7	68.2	67.7	69.5	73.5	79.8	88.3	97.9	107.6	121.6	143.9
67.5°	73.3	71.9	70.5	71.0	74.3	80.1	88.9	99.7	111.1	127.5	152.7
70°	76.1	73.6	71.3	71.0	73.8	79.3	88.1	98.8	110.2	126.8	152.0
72.5°	75.8	73.2	70.8	70.4	73.0	78.5	87.2	97.8	109.3	126.2	151.1
75°	75.5	72.7	70.2	69.8	72.2	77.7	86.4	96.9	108.4	125.5	151.0
77.5°	75.2	72.1	69.6	69.2	71.5	77.0	85.7	96.0	107.6	124.9	149.7
80°	74.9	71.5	68.9	68.7	70.8	76.4	85.1	95.1	106.8	124.2	148.3
82.5°	74.6	70.8	68.1	68.1	70.2	75.8	84.6	94.3	106.0	123.6	147.0
85°	74.3	70.1	67.3	67.6	69.6	75.3	84.1	93.6	105.3	122.9	145.7
87.5°	73.9	69.4	66.5	67.2	69.1	74.9	83.7	92.9	104.6	122.3	144.4
90°	73.5	68.6	65.7	66.7	68.6	74.5	83.3	92.2	103.9	121.6	143.1
92.5°	73.9	69.4	66.5	67.2	69.1	74.9	83.7	92.9	104.6	122.3	144.4
95°	74.3	70.1	67.3	67.6	69.6	75.3	84.1	93.6	105.3	122.9	145.7
97.5°	74.6	70.8	68.1	68.1	70.2	75.8	84.6	94.3	106.0	123.6	147.0
100°	74.9	71.5	68.9	68.7	70.8	76.4	85.1	95.1	106.8	124.2	148.3
102.5°	75.2	72.1	69.6	69.2	71.5	77.0	85.7	96.0	107.6	124.9	149.7
105°	75.5	72.7	70.2	69.8	72.2	77.7	86.4	96.9	108.4	125.5	151.0
107.5°	75.8	73.2	70.8	70.4	73.0	78.5	87.2	97.8	109.3	126.2	151.1
110°	76.1	73.6	71.3	71.0	73.8	79.3	88.1	98.8	110.2	126.8	152.0





TEST NUMBER: P231905

CATALOG NUMBER: FVS4WM-2-LD4-35-1HI-PA187-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
112.5°	73.3	71.9	70.5	71.0	74.3	80.1	88.9	99.7	111.1	127.5	152.7
115°	68.7	68.2	67.7	69.5	73.5	79.8	88.3	97.9	107.6	121.6	143.9
117.5°	64.4	64.7	65.2	68.1	72.9	79.5	87.6	95.9	104.1	115.7	135.1
120°	60.4	61.6	63.0	67.0	72.5	79.3	86.8	93.9	100.4	109.8	126.4
122.5°	56.9	59.0	61.5	66.2	72.3	79.1	85.9	91.7	96.7	103.9	117.8
125°	53.8	56.7	60.4	65.8	72.2	79.0	85.0	89.4	92.9	98.1	109.3
127.5°	51.3	54.9	59.7	65.7	72.4	78.9	83.9	87.0	89.0	92.2	100.9
130°	49.4	53.5	59.4	65.9	72.6	78.8	82.7	84.4	85.0	86.3	92.6
132.5°	48.0	53.0	59.4	66.3	72.8	78.5	81.4	81.6	80.9	80.4	84.5
135°	46.1	51.6	58.1	65.3	71.7	76.8	79.4	78.4	76.5	74.5	76.6
137.5°	44.0	49.3	55.1	61.5	66.6	70.5	72.7	71.5	69.9	68.2	70.4
140°	42.1	46.7	51.7	56.8	61.2	64.0	65.6	64.5	63.3	61.9	64.1
142.5°	39.7	43.7	47.9	51.9	55.8	57.5	58.5	57.7	56.7	55.5	57.9
145°	36.8	40.2	43.7	46.7	49.4	50.9	51.4	50.8	50.1	49.2	51.6
147.5°	33.4	36.2	38.8	41.2	43.0	44.2	44.4	44.1	43.5	42.9	45.3
150°	29.5	31.6	33.5	35.3	36.5	37.5	37.5	37.3	37.0	36.6	39.0
152.5°	24.9	26.3	27.7	28.9	29.8	30.5	30.6	30.6	30.5	30.2	32.6
155°	19.5	20.6	21.5	22.4	23.1	23.6	23.8	24.0	24.0	23.9	26.2
157.5°	16.4	16.6	16.9	17.1	17.2	17.4	17.5	17.5	17.6	17.6	19.8
160°	14.5	14.8	15.0	15.2	15.3	15.4	15.5	15.6	15.6	15.6	17.6
162.5°	12.7	12.9	13.1	13.2	13.4	13.5	13.6	13.6	13.7	13.7	15.5
165°	10.9	11.1	11.2	11.4	11.5	11.6	11.6	11.7	11.7	11.7	13.2
167.5°	9.1	9.2	9.3	9.5	9.6	9.6	9.7	9.7	9.8	9.8	11.0
170°	7.2	7.4	7.5	7.6	7.6	7.7	7.8	7.8	7.8	7.8	8.8
172.5°	5.4	5.5	5.6	5.7	5.7	5.8	5.8	5.8	5.9	5.9	6.6
175°	3.6	3.7	3.7	3.8	3.8	3.9	3.9	3.9	3.9	3.9	4.4
177.5°	1.8	1.8	1.9	1.9	1.9	1.9	1.9	1.9	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: P231905

CATALOG NUMBER: FVS4WM-2-LD4-35-1HI-PA187-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°	2.5	2.7	3.0	3.2	3.4	3.6	3.9	4.1	4.3	4.5	4.6
5°	4.9	5.4	5.9	6.4	6.8	7.3	7.7	8.1	8.5	8.9	9.3
7.5°	7.4	8.1	8.8	9.5	10.2	10.9	11.6	12.6	13.5	14.4	15.2
10°	9.8	10.8	11.8	12.7	13.7	15.0	16.3	17.6	18.8	19.9	21.1
12.5°	12.3	13.5	14.7	16.1	17.7	19.3	20.9	22.5	23.9	25.3	26.6
15°	14.7	16.2	17.7	19.7	21.7	23.6	25.4	27.1	28.7	30.3	32.0
17.5°	17.2	18.9	21.0	23.3	25.5	27.7	29.6	31.5	33.3	35.2	36.9
20°	19.6	21.6	24.2	26.8	29.3	31.5	33.6	35.7	37.8	39.8	41.8
22.5°	22.1	24.5	27.4	30.3	32.8	35.1	37.5	39.8	42.1	44.3	46.6
25°	28.4	31.1	34.0	36.7	39.0	41.1	43.1	44.9	46.8	48.5	51.0
27.5°	34.9	37.9	41.1	43.8	46.2	48.4	50.4	52.4	54.3	56.2	57.5
30°	41.3	44.7	48.1	50.8	53.6	55.5	57.5	59.6	61.7	63.1	64.4
32.5°	47.8	51.5	54.9	57.8	60.3	62.3	64.5	66.7	68.5	69.7	71.5
35°	54.3	58.2	61.6	64.7	67.0	69.1	71.4	73.6	74.8	76.2	78.6
37.5°	60.8	64.8	68.3	71.5	73.4	75.6	78.1	79.6	80.9	82.9	85.4
40°	67.2	71.4	75.0	77.9	79.7	82.1	84.5	85.5	87.0	89.0	92.6
42.5°	73.7	78.0	81.6	84.1	85.8	88.5	90.2	91.1	92.8	95.6	99.5
45°	80.1	84.4	88.1	90.2	92.1	94.8	95.7	96.7	98.2	102.1	106.4
47.5°	90.3	96.6	101.7	103.7	104.7	105.0	103.9	103.0	104.2	108.5	112.9
50°	101.1	109.8	117.1	120.7	120.9	120.1	119.0	118.3	119.2	120.7	122.5
52.5°	112.2	123.5	132.7	138.3	136.5	135.1	134.3	133.9	135.1	136.5	139.0
55°	123.6	137.6	148.8	155.2	151.5	150.1	149.6	149.8	150.8	151.9	154.6
57.5°	135.2	152.0	165.3	171.4	166.3	165.1	165.0	165.5	166.1	167.0	169.4
60°	147.1	166.7	182.1	187.1	181.3	180.2	180.4	180.8	181.0	181.7	182.9
62.5°	159.1	181.8	199.2	202.4	196.3	195.4	195.9	195.9	195.6	195.6	195.6
65°	171.3	197.0	216.6	217.5	211.3	210.7	211.2	210.8	209.8	208.9	207.4
67.5°	183.6	212.4	234.2	232.3	226.3	226.1	226.3	225.3	223.6	221.5	218.4
70°	183.4	213.8	238.0	238.6	236.0	236.4	236.7	236.3	235.1	232.8	228.7
72.5°	182.7	213.9	240.0	243.8	243.8	243.3	242.4	241.5	239.6	236.2	232.4
75°	181.7	214.0	242.1	249.8	251.7	249.9	247.9	246.8	244.0	239.5	235.5
77.5°	180.7	213.9	244.0	256.6	259.6	256.2	253.2	252.0	248.2	242.6	238.7
80°	180.5	213.6	246.0	263.8	267.7	262.3	258.5	257.3	252.2	245.8	242.0
82.5°	178.8	214.1	249.0	271.3	275.8	268.3	263.7	262.6	256.2	248.9	245.3
85°	177.0	213.0	250.0	279.6	284.0	274.0	268.7	267.8	260.3	252.1	248.8
87.5°	175.3	211.9	251.0	286.9	292.0	280.1	274.1	273.1	264.3	255.2	252.3
90°	173.5	210.8	252.0	294.1	300.0	286.3	279.4	278.4	268.6	258.8	255.9
92.5°	175.3	211.9	251.0	286.9	292.0	280.1	274.1	273.1	264.3	255.2	252.3
95°	177.0	213.0	250.0	279.6	284.0	274.0	268.7	267.8	260.3	252.1	248.8
97.5°	178.8	214.1	249.0	271.3	275.8	268.3	263.7	262.6	256.2	248.9	245.3
100°	180.5	213.6	246.0	263.8	267.7	262.3	258.5	257.3	252.2	245.8	242.0
102.5°	180.7	213.9	244.0	256.6	259.6	256.2	253.2	252.0	248.2	242.6	238.7
105°	181.7	214.0	242.1	249.8	251.7	249.9	247.9	246.8	244.0	239.5	235.5
107.5°	182.7	213.9	240.0	243.8	243.8	243.3	242.4	241.5	239.6	236.2	232.4
110°	183.4	213.8	238.0	238.6	236.0	236.4	236.7	236.3	235.1	232.8	228.7



TEST NUMBER: P231905

CATALOG NUMBER: FVS4WM-2-LD4-35-1HI-PA187-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	183.6	212.4	234.2	232.3	226.3	226.1	226.3	225.3	223.6	221.5	218.4
115°	171.3	197.0	216.6	217.5	211.3	210.7	211.2	210.8	209.8	208.9	207.4
117.5°	159.1	181.8	199.2	202.4	196.3	195.4	195.9	195.9	195.6	195.6	195.6
120°	147.1	166.7	182.1	187.1	181.3	180.2	180.4	180.8	181.0	181.7	182.9
122.5°	135.2	152.0	165.3	171.4	166.3	165.1	165.0	165.5	166.1	167.0	169.4
125°	123.6	137.6	148.8	155.2	151.5	150.1	149.6	149.8	150.8	151.9	154.6
127.5°	112.2	123.5	132.7	138.3	136.5	135.1	134.3	133.9	135.1	136.5	139.0
130°	101.1	109.8	117.1	120.7	120.9	120.1	119.0	118.3	119.2	120.7	122.5
132.5°	90.3	96.6	101.7	103.7	104.7	105.0	103.9	103.0	104.2	108.5	112.9
135°	80.1	84.4	88.1	90.2	92.1	94.8	95.7	96.7	98.2	102.1	106.4
137.5°	73.7	78.0	81.6	84.1	85.8	88.5	90.2	91.1	92.8	95.6	99.5
140°	67.2	71.4	75.0	77.9	79.7	82.1	84.5	85.5	87.0	89.0	92.6
142.5°	60.8	64.8	68.3	71.5	73.4	75.6	78.1	79.6	80.9	82.9	85.4
145°	54.3	58.2	61.6	64.7	67.0	69.1	71.4	73.6	74.8	76.2	78.6
147.5°	47.8	51.5	54.9	57.8	60.3	62.3	64.5	66.7	68.5	69.7	71.5
150°	41.3	44.7	48.1	50.8	53.6	55.5	57.5	59.6	61.7	63.1	64.4
152.5°	34.9	37.9	41.1	43.8	46.2	48.4	50.4	52.4	54.3	56.2	57.5
155°	28.4	31.1	34.0	36.7	39.0	41.1	43.1	44.9	46.8	48.5	51.0
157.5°	22.1	24.5	27.4	30.3	32.8	35.1	37.5	39.8	42.1	44.3	46.6
160°	19.6	21.6	24.2	26.8	29.3	31.5	33.6	35.7	37.8	39.8	41.8
162.5°	17.2	18.9	21.0	23.3	25.5	27.7	29.6	31.5	33.3	35.2	36.9
165°	14.7	16.2	17.7	19.7	21.7	23.6	25.4	27.1	28.7	30.3	32.0
167.5°	12.3	13.5	14.7	16.1	17.7	19.3	20.9	22.5	23.9	25.3	26.6
170°	9.8	10.8	11.8	12.7	13.7	15.0	16.3	17.6	18.8	19.9	21.1
172.5°	7.4	8.1	8.8	9.5	10.2	10.9	11.6	12.6	13.5	14.4	15.2
175°	4.9	5.4	5.9	6.4	6.8	7.3	7.7	8.1	8.5	8.9	9.3
177.5°	2.5	2.7	3.0	3.2	3.4	3.6	3.9	4.1	4.3	4.5	4.6
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: P231905

CATALOG NUMBER: FVS4WM-2-LD4-35-1HI-PA187-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°	4.8	5.0	5.1	5.3	5.4	5.6	5.7	5.8	5.9	6.0	6.0
5°	9.8	10.4	10.9	11.4	11.8	12.2	12.7	13.0	13.4	13.7	14.0
7.5°	16.1	16.9	17.6	18.3	19.0	19.6	20.2	20.8	21.3	21.7	22.2
10°	22.1	23.1	24.1	25.0	25.9	26.7	27.5	28.2	28.9	29.5	30.1
12.5°	27.8	29.1	30.2	31.4	32.5	33.5	34.5	35.5	36.4	37.3	38.2
15°	33.4	34.8	36.2	37.6	39.0	40.4	41.8	43.1	44.4	45.6	46.7
17.5°	38.7	40.6	42.2	43.9	45.6	47.3	48.9	50.3	51.8	53.2	54.5
20°	43.9	45.9	47.9	49.8	51.6	53.4	55.1	56.8	58.6	60.2	61.7
22.5°	48.8	51.0	52.9	54.9	56.8	59.1	61.4	63.5	65.4	66.8	67.9
25°	53.1	55.1	57.4	60.0	62.7	65.4	67.9	70.0	71.8	73.5	75.3
27.5°	58.6	60.2	62.5	65.7	69.1	72.3	75.4	78.1	80.7	82.9	84.8
30°	66.2	68.5	71.0	74.2	77.2	80.9	84.7	88.1	91.0	93.4	95.6
32.5°	73.8	76.6	80.0	83.5	87.5	91.5	95.4	99.1	102.3	105.1	107.6
35°	81.4	85.0	88.9	93.2	97.6	102.0	106.3	110.4	114.2	117.9	121.7
37.5°	89.2	93.2	97.8	102.6	107.6	112.5	117.2	121.8	126.6	131.7	135.9
40°	96.7	101.4	106.4	112.0	117.6	123.0	128.3	133.7	139.3	144.8	150.5
42.5°	104.2	109.2	115.4	121.5	127.5	133.5	139.4	145.9	152.8	159.6	167.1
45°	111.2	117.6	124.2	130.9	137.4	143.7	151.1	158.4	166.3	175.1	185.6
47.5°	118.8	125.7	133.1	140.1	146.8	154.8	162.7	170.9	180.8	192.0	205.9
50°	126.8	134.0	141.7	148.8	157.0	165.4	173.7	184.0	196.3	211.2	228.0
52.5°	142.9	147.5	152.1	157.7	167.5	175.1	185.0	197.5	212.9	231.5	254.0
55°	157.9	161.6	165.6	171.3	177.7	184.8	196.2	211.7	230.6	254.0	280.5
57.5°	171.7	174.2	177.8	183.1	189.3	199.5	211.5	226.3	249.8	276.7	307.0
60°	184.2	185.6	188.8	194.0	202.5	214.5	227.7	247.2	270.8	298.3	337.5
62.5°	195.6	196.1	198.4	204.0	216.4	229.0	244.6	265.7	292.4	328.5	369.3
65°	206.0	205.5	208.0	216.1	230.0	241.8	259.8	284.5	317.0	356.5	400.6
67.5°	215.6	213.7	217.0	228.9	241.8	254.8	274.0	301.4	339.8	382.0	429.6
70°	224.4	221.2	225.4	241.5	252.2	265.8	288.3	320.6	359.9	403.4	456.0
72.5°	229.1	228.1	235.6	252.5	261.4	275.1	300.7	336.7	376.1	422.9	476.1
75°	232.4	233.3	244.2	259.9	271.0	286.4	313.5	349.8	388.0	437.9	492.9
77.5°	235.8	238.5	252.2	267.8	280.4	298.3	327.1	362.8	402.5	451.4	506.3
80°	239.4	243.7	259.6	275.8	289.3	308.4	338.3	373.4	414.8	464.3	522.1
82.5°	243.1	248.7	266.2	283.8	297.7	316.8	347.3	381.8	423.3	473.3	533.5
85°	247.0	253.6	272.3	291.7	305.5	323.7	354.3	387.9	428.5	478.5	540.5
87.5°	250.9	258.4	278.0	299.5	313.1	329.8	360.1	392.8	431.8	481.7	545.2
90°	254.9	262.8	282.4	305.9	319.6	334.3	362.8	394.1	430.4	478.5	541.2
92.5°	250.9	258.4	278.0	299.5	313.1	329.8	360.1	392.8	431.8	481.7	545.2
95°	247.0	253.6	272.3	291.7	305.5	323.7	354.3	387.9	428.5	478.5	540.5
97.5°	243.1	248.7	266.2	283.8	297.7	316.8	347.3	381.8	423.3	473.3	533.5
100°	239.4	243.7	259.6	275.8	289.3	308.4	338.3	373.4	414.8	464.3	522.1
102.5°	235.8	238.5	252.2	267.8	280.4	298.3	327.1	362.8	402.5	451.4	506.3
105°	232.4	233.3	244.2	259.9	271.0	286.4	313.5	349.8	388.0	437.9	492.9
107.5°	229.1	228.1	235.6	252.5	261.4	275.1	300.7	336.7	376.1	422.9	476.1
110°	224.4	221.2	225.4	241.5	252.2	265.8	288.3	320.6	359.9	403.4	456.0



TEST NUMBER: P231905

CATALOG NUMBER: FVS4WM-2-LD4-35-1HI-PA187-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
112.5°	215.6	213.7	217.0	228.9	241.8	254.8	274.0	301.4	339.8	382.0	429.6
115°	206.0	205.5	208.0	216.1	230.0	241.8	259.8	284.5	317.0	356.5	400.6
117.5°	195.6	196.1	198.4	204.0	216.4	229.0	244.6	265.7	292.4	328.5	369.3
120°	184.2	185.6	188.8	194.0	202.5	214.5	227.7	247.2	270.8	298.3	337.5
122.5°	171.7	174.2	177.8	183.1	189.3	199.5	211.5	226.3	249.8	276.7	307.0
125°	157.9	161.6	165.6	171.3	177.7	184.8	196.2	211.7	230.6	254.0	280.5
127.5°	142.9	147.5	152.1	157.7	167.5	175.1	185.0	197.5	212.9	231.5	254.0
130°	126.8	134.0	141.7	148.8	157.0	165.4	173.7	184.0	196.3	211.2	228.0
132.5°	118.8	125.7	133.1	140.1	146.8	154.8	162.7	170.9	180.8	192.0	205.9
135°	111.2	117.6	124.2	130.9	137.4	143.7	151.1	158.4	166.3	175.1	185.6
137.5°	104.2	109.2	115.4	121.5	127.5	133.5	139.4	145.9	152.8	159.6	167.1
140°	96.7	101.4	106.4	112.0	117.6	123.0	128.3	133.7	139.3	144.8	150.5
142.5°	89.2	93.2	97.8	102.6	107.6	112.5	117.2	121.8	126.6	131.7	135.9
145°	81.4	85.0	88.9	93.2	97.6	102.0	106.3	110.4	114.2	117.9	121.7
147.5°	73.8	76.6	80.0	83.5	87.5	91.5	95.4	99.1	102.3	105.1	107.6
150°	66.2	68.5	71.0	74.2	77.2	80.9	84.7	88.1	91.0	93.4	95.6
152.5°	58.6	60.2	62.5	65.7	69.1	72.3	75.4	78.1	80.7	82.9	84.8
155°	53.1	55.1	57.4	60.0	62.7	65.4	67.9	70.0	71.8	73.5	75.3
157.5°	48.8	51.0	52.9	54.9	56.8	59.1	61.4	63.5	65.4	66.8	67.9
160°	43.9	45.9	47.9	49.8	51.6	53.4	55.1	56.8	58.6	60.2	61.7
162.5°	38.7	40.6	42.2	43.9	45.6	47.3	48.9	50.3	51.8	53.2	54.5
165°	33.4	34.8	36.2	37.6	39.0	40.4	41.8	43.1	44.4	45.6	46.7
167.5°	27.8	29.1	30.2	31.4	32.5	33.5	34.5	35.5	36.4	37.3	38.2
170°	22.1	23.1	24.1	25.0	25.9	26.7	27.5	28.2	28.9	29.5	30.1
172.5°	16.1	16.9	17.6	18.3	19.0	19.6	20.2	20.8	21.3	21.7	22.2
175°	9.8	10.4	10.9	11.4	11.8	12.2	12.7	13.0	13.4	13.7	14.0
177.5°	4.8	5.0	5.1	5.3	5.4	5.6	5.7	5.8	5.9	6.0	6.0
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: P231905

CATALOG NUMBER: FVS4WM-2-LD4-35-1HI-PA187-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°	6.1	6.1	6.2	6.2	6.2	6.2	6.4	6.3	6.2	6.2	6.1
5°	14.2	14.4	14.6	14.8	14.9	15.0	15.1	15.1	15.3	15.2	15.0
7.5°	22.5	22.9	23.2	23.4	23.6	23.8	23.9	23.9	24.0	24.1	23.9
10°	30.7	31.2	31.6	31.9	32.3	32.5	32.7	32.8	32.9	33.1	32.9
12.5°	39.1	39.9	40.6	41.2	41.8	42.2	42.6	43.0	43.2	43.3	43.5
15°	47.8	48.7	49.6	50.5	51.2	51.9	52.5	53.0	53.4	53.7	54.1
17.5°	55.8	56.9	57.9	58.8	59.6	60.3	60.8	61.3	61.6	61.8	62.1
20°	63.1	64.2	64.8	65.1	65.4	65.4	65.3	65.1	64.8	64.3	63.9
22.5°	68.8	69.5	70.2	70.7	71.1	71.2	71.0	70.7	70.2	69.5	68.9
25°	76.7	77.7	78.4	78.9	79.1	78.9	78.5	77.9	77.0	75.9	74.6
27.5°	86.2	87.3	87.9	88.5	89.0	89.2	89.1	88.7	88.0	87.0	85.7
30°	97.2	98.8	100.0	100.9	102.8	104.5	105.8	106.7	107.3	107.4	107.1
32.5°	110.1	113.1	116.0	118.7	121.3	123.6	125.5	127.0	128.1	128.8	128.9
35°	125.4	129.2	132.9	136.3	139.8	144.6	149.1	153.1	156.5	159.3	161.4
37.5°	140.4	145.3	151.6	158.0	164.3	170.6	176.3	181.4	185.7	189.1	191.8
40°	157.2	164.4	172.8	181.2	189.0	197.7	207.2	215.9	223.7	230.3	235.8
42.5°	176.1	185.4	195.8	208.3	220.6	233.0	246.9	259.7	271.3	281.5	290.0
45°	196.7	210.3	223.5	240.6	258.1	276.9	292.9	309.5	324.5	337.6	348.7
47.5°	220.8	238.8	257.7	277.3	299.7	321.3	343.7	366.2	387.3	406.5	423.2
50°	249.1	270.8	294.8	318.5	344.9	372.9	402.0	432.3	459.6	483.5	503.8
52.5°	278.8	304.9	334.7	364.4	398.0	434.4	470.7	505.4	535.1	559.9	579.8
55°	309.0	343.1	378.9	419.4	460.5	503.9	545.0	581.4	609.4	629.4	642.3
57.5°	344.0	384.9	428.7	476.4	527.4	577.4	628.5	657.8	675.0	686.1	691.8
60°	380.7	427.2	477.9	531.8	589.6	642.0	686.9	714.8	721.9	727.1	730.1
62.5°	415.4	467.0	523.2	583.3	638.0	687.0	721.0	747.1	754.1	758.9	761.3
65°	449.5	501.6	561.9	622.8	676.7	719.6	753.3	773.9	781.9	786.9	790.5
67.5°	481.5	536.7	596.9	659.9	716.1	764.6	790.2	800.8	804.5	809.1	813.6
70°	509.8	570.5	635.1	701.7	770.9	802.8	818.0	821.4	823.2	828.0	834.2
72.5°	534.6	599.5	670.2	744.5	801.1	829.8	835.6	838.1	842.5	847.5	853.3
75°	555.4	627.0	700.2	769.0	818.4	841.9	847.6	850.5	857.0	866.3	871.4
77.5°	571.7	649.7	719.5	786.6	831.6	851.5	856.7	859.4	872.3	882.4	884.7
80°	590.8	663.4	731.4	803.0	849.1	863.1	867.1	875.0	884.3	891.4	888.3
82.5°	605.2	676.3	750.0	818.1	858.2	872.2	878.2	884.9	890.1	893.9	895.6
85°	612.9	684.7	761.9	831.1	864.8	875.5	881.9	885.1	884.8	894.5	906.7
87.5°	617.0	687.9	766.5	839.4	869.9	875.7	875.5	878.8	886.4	900.8	904.8
90°	609.8	685.3	763.8	841.2	872.6	874.5	866.7	873.6	897.1	908.9	905.9
92.5°	617.0	687.9	766.5	839.4	869.9	875.7	875.5	878.8	886.4	900.8	904.8
95°	612.9	684.7	761.9	831.1	864.8	875.5	881.9	885.1	884.8	894.5	906.7
97.5°	605.2	676.3	750.0	818.1	858.2	872.2	878.2	884.9	890.1	893.9	895.6
100°	590.8	663.4	731.4	803.0	849.1	863.1	867.1	875.0	884.3	891.4	888.3
102.5°	571.7	649.7	719.5	786.6	831.6	851.5	856.7	859.4	872.3	882.4	884.7
105°	555.4	627.0	700.2	769.0	818.4	841.9	847.6	850.5	857.0	866.3	871.4
107.5°	534.6	599.5	670.2	744.5	801.1	829.8	835.6	838.1	842.5	847.5	853.3
110°	509.8	570.5	635.1	701.7	770.9	802.8	818.0	821.4	823.2	828.0	834.2



TEST NUMBER: P231905

CATALOG NUMBER: FVS4WM-2-LD4-35-1HI-PA187-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	481.5	536.7	596.9	659.9	716.1	764.6	790.2	800.8	804.5	809.1	813.6
115°	449.5	501.6	561.9	622.8	676.7	719.6	753.3	773.9	781.9	786.9	790.5
117.5°	415.4	467.0	523.2	583.3	638.0	687.0	721.0	747.1	754.1	758.9	761.3
120°	380.7	427.2	477.9	531.8	589.6	642.0	686.9	714.8	721.9	727.1	730.1
122.5°	344.0	384.9	428.7	476.4	527.4	577.4	628.5	657.8	675.0	686.1	691.8
125°	309.0	343.1	378.9	419.4	460.5	503.9	545.0	581.4	609.4	629.4	642.3
127.5°	278.8	304.9	334.7	364.4	398.0	434.4	470.7	505.4	535.1	559.9	579.8
130°	249.1	270.8	294.8	318.5	344.9	372.9	402.0	432.3	459.6	483.5	503.8
132.5°	220.8	238.8	257.7	277.3	299.7	321.3	343.7	366.2	387.3	406.5	423.2
135°	196.7	210.3	223.5	240.6	258.1	276.9	292.9	309.5	324.5	337.6	348.7
137.5°	176.1	185.4	195.8	208.3	220.6	233.0	246.9	259.7	271.3	281.5	290.0
140°	157.2	164.4	172.8	181.2	189.0	197.7	207.2	215.9	223.7	230.3	235.8
142.5°	140.4	145.3	151.6	158.0	164.3	170.6	176.3	181.4	185.7	189.1	191.8
145°	125.4	129.2	132.9	136.3	139.8	144.6	149.1	153.1	156.5	159.3	161.4
147.5°	110.1	113.1	116.0	118.7	121.3	123.6	125.5	127.0	128.1	128.8	128.9
150°	97.2	98.8	100.0	100.9	102.8	104.5	105.8	106.7	107.3	107.4	107.1
152.5°	86.2	87.3	87.9	88.5	89.0	89.2	89.1	88.7	88.0	87.0	85.7
155°	76.7	77.7	78.4	78.9	79.1	78.9	78.5	77.9	77.0	75.9	74.6
157.5°	68.8	69.5	70.2	70.7	71.1	71.2	71.0	70.7	70.2	69.5	68.9
160°	63.1	64.2	64.8	65.1	65.4	65.4	65.3	65.1	64.8	64.3	63.9
162.5°	55.8	56.9	57.9	58.8	59.6	60.3	60.8	61.3	61.6	61.8	62.1
165°	47.8	48.7	49.6	50.5	51.2	51.9	52.5	53.0	53.4	53.7	54.1
167.5°	39.1	39.9	40.6	41.2	41.8	42.2	42.6	43.0	43.2	43.3	43.5
170°	30.7	31.2	31.6	31.9	32.3	32.5	32.7	32.8	32.9	33.1	32.9
172.5°	22.5	22.9	23.2	23.4	23.6	23.8	23.9	23.9	24.0	24.1	23.9
175°	14.2	14.4	14.6	14.8	14.9	15.0	15.1	15.1	15.3	15.2	15.0
177.5°	6.1	6.1	6.2	6.2	6.2	6.2	6.4	6.3	6.2	6.2	6.1
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: P231905

CATALOG NUMBER: FVS4WM-2-LD4-35-1HI-PA187-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
0°	0.0	0.0
2.5°	6.0	5.9
5°	14.9	14.7
7.5°	23.7	23.5
10°	32.6	32.4
12.5°	43.3	43.1
15°	54.0	53.9
17.5°	62.0	61.8
20°	63.3	62.7
22.5°	67.8	66.7
25°	73.2	71.6
27.5°	84.3	82.4
30°	106.5	104.9
32.5°	128.8	127.5
35°	163.1	162.8
37.5°	193.9	194.1
40°	240.6	242.2
42.5°	297.7	301.0
45°	358.8	363.7
47.5°	438.8	447.1
50°	522.4	532.4
52.5°	597.3	605.9
55°	651.1	652.0
57.5°	694.3	690.2
60°	732.1	728.5
62.5°	761.4	758.9
65°	792.1	791.2
67.5°	817.1	818.7
70°	838.0	839.2
72.5°	856.0	855.9
75°	867.8	859.8
77.5°	876.3	865.7
80°	887.5	892.2
82.5°	899.8	903.0
85°	907.7	902.0
87.5°	909.7	904.0
90°	911.8	908.9
92.5°	909.7	904.0
95°	907.7	902.0
97.5°	899.8	903.0
100°	887.5	892.2
102.5°	876.3	865.7
105°	867.8	859.8
107.5°	856.0	855.9
110°	838.0	839.2





TEST NUMBER: P231905

CATALOG NUMBER: FVS4WM-2-LD4-35-1HI-PA187-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
112.5°	817.1	818.7
115°	792.1	791.2
117.5°	761.4	758.9
120°	732.1	728.5
122.5°	694.3	690.2
125°	651.1	652.0
127.5°	597.3	605.9
130°	522.4	532.4
132.5°	438.8	447.1
135°	358.8	363.7
137.5°	297.7	301.0
140°	240.6	242.2
142.5°	193.9	194.1
145°	163.1	162.8
147.5°	128.8	127.5
150°	106.5	104.9
152.5°	84.3	82.4
155°	73.2	71.6
157.5°	67.8	66.7
160°	63.3	62.7
162.5°	62.0	61.8
165°	54.0	53.9
167.5°	43.3	43.1
170°	32.6	32.4
172.5°	23.7	23.5
175°	14.9	14.7
177.5°	6.0	5.9
180°	0.0	0.0

(END OF REPORT)