

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: P232041

Luminaire Tested: **FVS4WM-3-LD4-35-1LO-PA187-UNV-EDC1**

Issue Date: 3/3/2020



**Test Information**

Test Method: LM-79-08  
Report Number: P232041  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1706-121-25)  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: FAIL-SAFE  
Catalog Number: FVS4WM-3-LD4-35-1LO-PA187-UNV-EDC1  
Description: FAILSAFE FVS LED FIXTURE  
3FT LENGTH, 1-MODULE LED WITH PA187 LENS  
Light Source: (84) 3500K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

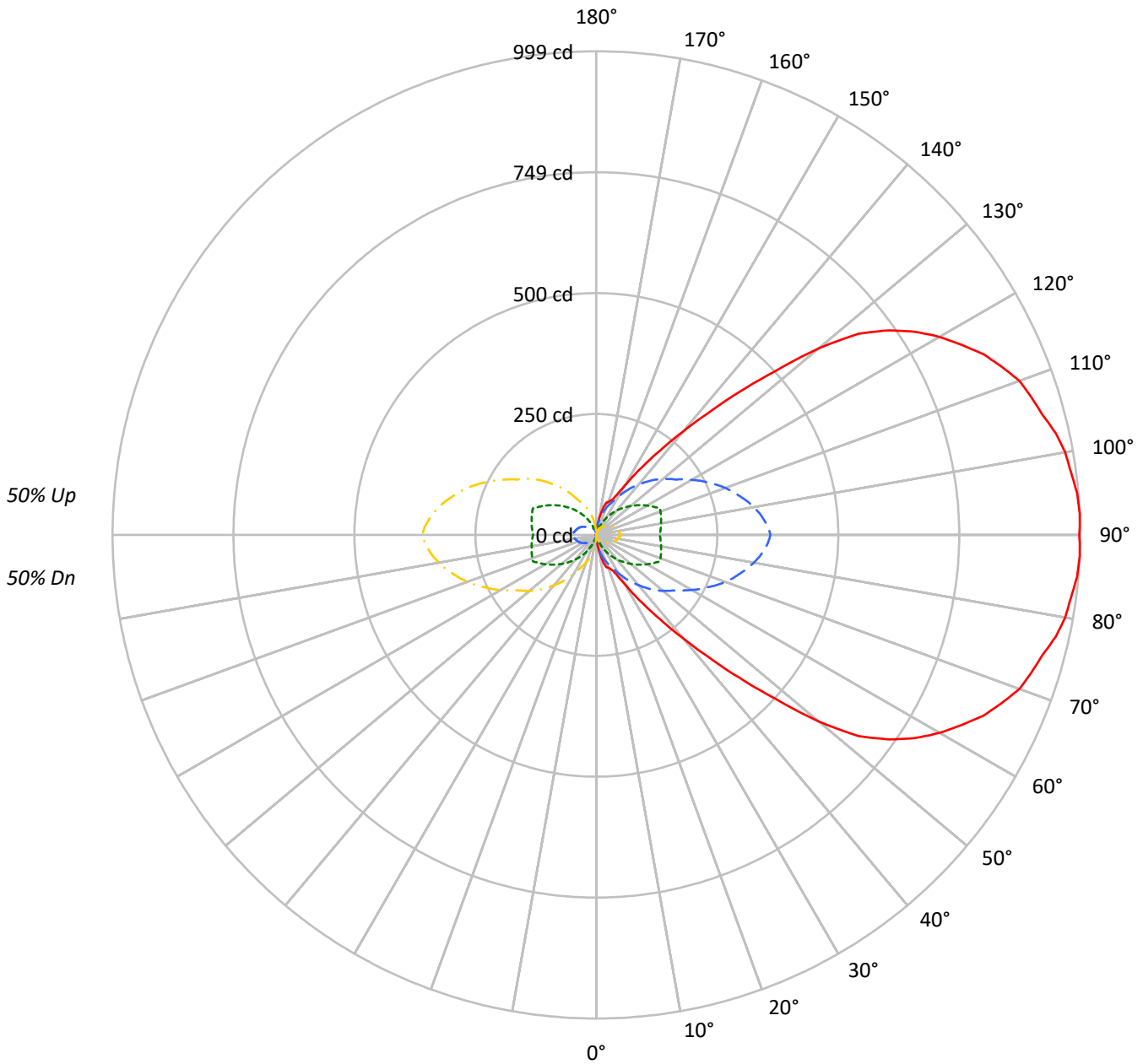
Lumens per Lamp: N/A  
Luminaire Lumens: 2294.9 lumens  
Efficiency: N/A  
Efficacy: 107.7 lumens/watt  
Spacing Criteria (0/90/45): - / - / -  
Luminous Opening: Rectangular w/ Sides (W: 2.92' x L: 0.19' x H: 0.31')  
CIE Type: General Diffuse

Input Watts (W): 21.3  
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



50% Up  
50% Dn

— 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	63	58	54	50	47	43	39	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	49	41	64	53	44	37	43	36	30	33	28	23	24	20	17	12
4	64	50	40	33	58	46	37	30	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	14	10	6
6	53	39	29	22	48	35	27	20	28	21	16	22	16	12	16	11	8	5
7	49	35	25	19	44	31	23	17	25	19	14	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°	272	86	0	86
10°	565	171	0	171
15°	872	259	0	259
20°	939	351	0	351
25°	1003	542	0	542
30°	1354	843	0	843
35°	2038	1176	0	1176
40°	2991	1551	0	1551
45°	4352	1986	0	1986
50°	6152	2525	0	2525
55°	7477	3184	0	3184
60°	8285	4021	0	4021
65°	8984	5116	0	5116
70°	9591	6260	6	6260
75°	10052	7513	6	7513
80°	10658	9575	0	9575
85°	11219	13522	0	13522



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	1.0	0.0
10°-20°	7.3	0.3
20°-30°	19.6	0.9
30°-40°	45.2	2.0
40°-50°	89.6	3.9
50°-60°	160.1	7.0
60°-70°	233.1	10.2
70°-80°	282.9	12.3
80°-90°	308.5	13.4
90°-100°	308.5	13.4
100°-110°	282.9	12.3
110°-120°	233.1	10.2
120°-130°	160.1	7.0
130°-140°	89.6	3.9
140°-150°	45.2	2.0
150°-160°	19.6	0.9
160°-170°	7.3	0.3
170°-180°	1.0	0.0
0°-30°	27.9	1.2
0°-40°	73.1	3.2
0°-60°	322.9	14.1
0°-90°	1147.5	50.0
90°-120°	824.6	35.9
90°-150°	1119.5	48.8
90°-180°	1147.0	50.0
0°-180°	2294.9	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	0	0	0	0	0	
5°	16	4	0	4	16	2
15°	62	13	0	13	62	17
25°	82	26	0	26	82	41
35°	184	53	0	53	184	121
45°	417	79	0	79	417	332
55°	736	107	0	107	736	654
65°	882	135	0	135	882	872
75°	954	138	1	138	954	1012
85°	996	133	0	133	996	810
90°	997	131	0	131	997	547
95°	996	133	0	133	996	810
105°	954	138	1	138	954	1012
115°	882	135	0	135	882	872
125°	736	107	0	107	736	654
135°	417	79	0	79	417	332
145°	184	53	0	53	184	121
155°	82	26	0	26	82	41
165°	62	13	0	13	62	17
175°	16	4	0	4	16	2
180°	0	0	0	0	0	



TEST NUMBER: P232041

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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°	6.3	6.4	6.5	6.6	6.7	6.8	6.8	6.6	6.6	6.6	6.6
5°	15.8	16.0	16.2	16.3	16.5	16.2	16.2	16.1	16.1	15.9	15.8
7.5°	26.5	26.7	27.0	27.2	26.9	26.9	26.8	26.6	26.4	26.1	25.8
10°	36.6	36.9	37.1	37.4	37.1	37.0	36.9	36.6	36.3	36.0	35.6
12.5°	48.0	48.2	48.5	48.2	48.1	47.9	47.5	47.1	46.6	46.0	45.3
15°	61.9	62.0	62.0	61.4	61.0	60.4	59.7	58.9	57.9	56.9	55.8
17.5°	70.1	70.2	70.4	70.0	69.7	69.3	68.8	68.2	67.4	66.6	65.6
20°	72.0	72.6	73.3	73.7	74.1	74.3	74.4	74.4	74.1	73.7	73.0
22.5°	76.4	77.6	78.7	79.4	80.1	80.7	81.0	81.1	81.0	80.6	80.0
25°	82.1	83.9	85.4	86.8	88.0	89.0	89.6	90.0	90.0	89.7	89.0
27.5°	95.4	97.4	98.9	100.1	101.1	101.7	102.0	102.0	101.6	100.9	100.1
30°	116.9	118.8	119.6	120.3	120.4	120.1	119.4	118.3	116.8	115.0	113.9
32.5°	148.4	149.7	149.2	148.5	147.1	145.2	142.6	139.7	136.3	133.2	130.6
35°	183.8	184.3	182.7	180.8	178.0	174.5	170.3	165.5	160.3	155.5	150.6
37.5°	226.8	226.1	222.7	218.8	213.9	208.1	201.5	194.2	186.7	180.0	172.9
40°	279.2	277.3	271.8	265.5	257.8	248.7	238.5	227.1	216.4	206.8	196.9
42.5°	341.1	337.6	329.3	320.3	309.4	296.8	282.9	267.8	253.4	238.6	223.2
45°	416.9	411.1	399.2	386.1	370.6	353.0	333.7	315.2	294.8	275.7	256.4
47.5°	500.2	492.3	476.8	459.9	440.0	417.5	392.7	367.1	342.1	316.3	293.4
50°	600.0	589.7	569.5	547.4	521.3	491.5	458.4	426.6	394.9	363.7	335.6
52.5°	682.2	674.3	656.5	635.5	608.6	575.8	536.7	496.8	455.9	416.7	381.7
55°	736.5	735.3	725.5	711.8	691.0	662.4	625.0	577.8	526.2	478.3	431.5
57.5°	780.7	783.6	779.2	771.9	759.4	741.1	711.1	658.4	605.1	544.3	487.5
60°	818.0	820.5	817.6	813.6	807.2	798.8	770.8	725.6	670.7	608.0	545.6
62.5°	850.2	851.7	850.4	846.5	840.1	831.2	808.4	775.5	724.8	665.6	598.2
65°	882.4	881.6	878.5	873.9	868.4	860.5	842.2	814.8	771.3	713.6	645.0
67.5°	906.4	906.1	903.3	897.8	890.0	883.2	873.8	853.4	817.3	760.5	689.9
70°	929.8	927.2	922.8	917.4	912.7	904.7	895.8	882.8	859.0	806.8	733.1
72.5°	942.4	941.6	938.4	932.4	928.5	922.0	913.3	903.5	882.0	836.7	768.8
75°	954.4	954.4	952.1	947.7	941.6	936.2	928.3	917.2	899.9	859.4	794.2
77.5°	971.4	969.6	965.5	960.2	953.6	945.0	940.1	931.0	914.6	879.9	817.1
80°	982.8	980.3	976.4	969.0	962.8	954.7	945.8	942.0	931.1	899.4	834.3
82.5°	988.5	987.3	985.9	982.1	969.1	961.5	951.6	946.1	938.0	910.2	851.3
85°	996.1	994.9	990.7	982.8	972.9	966.8	955.7	947.4	939.4	917.1	862.0
87.5°	999.2	995.2	991.0	983.8	971.8	967.9	957.2	948.5	940.0	920.7	865.8
90°	997.3	992.9	987.2	986.6	972.1	966.4	956.9	949.3	939.2	919.7	862.2
92.5°	999.2	995.2	991.0	983.8	971.8	967.9	957.2	948.5	940.0	920.7	865.8
95°	996.1	994.9	990.7	982.8	972.9	966.8	955.7	947.4	939.4	917.1	862.0
97.5°	988.5	987.3	985.9	982.1	969.1	961.5	951.6	946.1	938.0	910.2	851.3
100°	982.8	980.3	976.4	969.0	962.8	954.7	945.8	942.0	931.1	899.4	834.3
102.5°	971.4	969.6	965.5	960.2	953.6	945.0	940.1	931.0	914.6	879.9	817.1
105°	954.4	954.4	952.1	947.7	941.6	936.2	928.3	917.2	899.9	859.4	794.2
107.5°	942.4	941.6	938.4	932.4	928.5	922.0	913.3	903.5	882.0	836.7	768.8
110°	929.8	927.2	922.8	917.4	912.7	904.7	895.8	882.8	859.0	806.8	733.1



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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°	906.4	906.1	903.3	897.8	890.0	883.2	873.8	853.4	817.3	760.5	689.9
115°	882.4	881.6	878.5	873.9	868.4	860.5	842.2	814.8	771.3	713.6	645.0
117.5°	850.2	851.7	850.4	846.5	840.1	831.2	808.4	775.5	724.8	665.6	598.2
120°	818.0	820.5	817.6	813.6	807.2	798.8	770.8	725.6	670.7	608.0	545.6
122.5°	780.7	783.6	779.2	771.9	759.4	741.1	711.1	658.4	605.1	544.3	487.5
125°	736.5	735.3	725.5	711.8	691.0	662.4	625.0	577.8	526.2	478.3	431.5
127.5°	682.2	674.3	656.5	635.5	608.6	575.8	536.7	496.8	455.9	416.7	381.7
130°	600.0	589.7	569.5	547.4	521.3	491.5	458.4	426.6	394.9	363.7	335.6
132.5°	500.2	492.3	476.8	459.9	440.0	417.5	392.7	367.1	342.1	316.3	293.4
135°	416.9	411.1	399.2	386.1	370.6	353.0	333.7	315.2	294.8	275.7	256.4
137.5°	341.1	337.6	329.3	320.3	309.4	296.8	282.9	267.8	253.4	238.6	223.2
140°	279.2	277.3	271.8	265.5	257.8	248.7	238.5	227.1	216.4	206.8	196.9
142.5°	226.8	226.1	222.7	218.8	213.9	208.1	201.5	194.2	186.7	180.0	172.9
145°	183.8	184.3	182.7	180.8	178.0	174.5	170.3	165.5	160.3	155.5	150.6
147.5°	148.4	149.7	149.2	148.5	147.1	145.2	142.6	139.7	136.3	133.2	130.6
150°	116.9	118.8	119.6	120.3	120.4	120.1	119.4	118.3	116.8	115.0	113.9
152.5°	95.4	97.4	98.9	100.1	101.1	101.7	102.0	102.0	101.6	100.9	100.1
155°	82.1	83.9	85.4	86.8	88.0	89.0	89.6	90.0	90.0	89.7	89.0
157.5°	76.4	77.6	78.7	79.4	80.1	80.7	81.0	81.1	81.0	80.6	80.0
160°	72.0	72.6	73.3	73.7	74.1	74.3	74.4	74.4	74.1	73.7	73.0
162.5°	70.1	70.2	70.4	70.0	69.7	69.3	68.8	68.2	67.4	66.6	65.6
165°	61.9	62.0	62.0	61.4	61.0	60.4	59.7	58.9	57.9	56.9	55.8
167.5°	48.0	48.2	48.5	48.2	48.1	47.9	47.5	47.1	46.6	46.0	45.3
170°	36.6	36.9	37.1	37.4	37.1	37.0	36.9	36.6	36.3	36.0	35.6
172.5°	26.5	26.7	27.0	27.2	26.9	26.9	26.8	26.6	26.4	26.1	25.8
175°	15.8	16.0	16.2	16.3	16.5	16.2	16.2	16.1	16.1	15.9	15.8
177.5°	6.3	6.4	6.5	6.6	6.7	6.8	6.8	6.6	6.6	6.6	6.6
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	6.6	6.5	6.5	6.4	6.3	6.2	6.1	6.0	5.8	5.7	5.5
5°	15.5	15.3	15.0	14.7	14.4	14.0	13.6	13.2	12.7	12.2	11.7
7.5°	25.4	25.0	24.5	24.0	23.4	22.7	22.1	21.3	20.5	19.8	19.0
10°	35.1	34.5	33.9	33.2	32.4	31.6	30.7	29.7	28.7	27.6	26.5
12.5°	44.6	43.8	42.9	41.9	40.9	39.9	38.8	37.6	36.4	35.1	33.8
15°	54.6	53.3	52.0	50.7	49.4	48.1	46.7	45.3	43.8	42.2	40.6
17.5°	64.5	63.2	61.6	59.9	58.1	56.2	54.3	52.5	50.8	49.0	47.2
20°	72.2	70.9	69.4	67.7	65.9	64.0	61.9	59.7	57.5	55.3	53.2
22.5°	79.1	78.1	76.8	75.1	73.1	71.0	68.7	66.3	63.8	61.3	58.9
25°	88.2	87.1	85.5	83.6	81.4	78.9	76.0	72.8	69.9	66.9	64.2
27.5°	99.3	97.9	96.0	93.8	91.4	88.5	85.6	81.4	77.2	72.9	69.4
30°	112.4	110.6	108.8	106.0	103.0	99.4	95.7	91.5	87.0	82.6	78.2
32.5°	127.8	124.7	122.0	119.3	116.2	112.3	107.6	102.5	97.8	93.0	88.3
35°	145.6	140.8	137.1	133.1	128.8	124.3	119.5	114.0	108.3	103.0	97.8
37.5°	165.6	159.3	153.4	147.7	141.7	136.0	130.5	125.0	119.1	112.8	106.9
40°	187.4	178.9	170.3	162.8	155.6	148.7	142.1	135.5	129.3	122.7	115.9
42.5°	210.7	199.6	188.7	179.2	170.6	162.1	154.3	146.8	139.2	132.3	125.1
45°	239.4	222.0	208.4	196.0	185.2	175.4	166.7	158.4	149.9	141.6	134.0
47.5°	271.7	250.4	231.3	213.8	200.6	188.7	178.6	169.5	160.8	151.5	142.7
50°	306.6	281.2	257.0	235.9	216.6	202.3	190.0	180.0	170.9	161.7	151.5
52.5°	347.0	315.1	284.9	259.0	236.1	216.1	201.6	189.8	180.5	171.0	163.1
55°	390.0	351.4	316.3	283.2	256.0	232.6	212.8	199.4	190.9	183.7	177.5
57.5°	436.5	389.1	348.3	310.9	276.6	249.1	228.9	213.5	202.6	195.3	189.0
60°	484.9	430.1	380.1	337.9	301.7	271.1	246.1	227.1	214.8	206.2	199.8
62.5°	532.2	470.3	415.2	368.3	328.0	292.3	264.3	242.2	226.2	216.0	209.6
65°	574.2	511.0	452.7	398.5	353.7	314.7	281.7	255.4	237.3	226.1	219.1
67.5°	617.4	549.7	487.3	429.7	377.0	333.8	298.5	270.0	249.1	235.6	227.7
70°	657.8	584.7	518.3	456.6	400.8	353.4	314.5	283.3	259.3	244.1	235.5
72.5°	690.8	614.8	543.3	479.3	422.1	370.1	327.6	296.0	268.5	252.5	243.2
75°	716.8	638.9	564.6	496.4	439.0	384.9	341.0	307.3	280.1	261.4	249.9
77.5°	735.2	656.0	580.9	513.0	454.9	402.3	356.4	319.5	290.6	269.7	256.4
80°	752.6	673.6	599.7	529.6	468.2	416.1	369.3	330.4	299.9	277.5	262.8
82.5°	770.5	688.5	613.2	541.9	477.5	426.3	379.8	339.9	307.9	284.7	268.9
85°	780.9	697.4	621.4	549.9	483.1	433.1	388.0	347.9	314.8	291.3	274.8
87.5°	783.8	703.2	626.8	555.6	486.7	438.2	394.9	355.1	321.0	297.6	280.5
90°	779.4	697.3	622.2	552.7	484.5	438.4	397.9	359.4	325.3	302.6	285.5
92.5°	783.8	703.2	626.8	555.6	486.7	438.2	394.9	355.1	321.0	297.6	280.5
95°	780.9	697.4	621.4	549.9	483.1	433.1	388.0	347.9	314.8	291.3	274.8
97.5°	770.5	688.5	613.2	541.9	477.5	426.3	379.8	339.9	307.9	284.7	268.9
100°	752.6	673.6	599.7	529.6	468.2	416.1	369.3	330.4	299.9	277.5	262.8
102.5°	735.2	656.0	580.9	513.0	454.9	402.3	356.4	319.5	290.6	269.7	256.4
105°	716.8	638.9	564.6	496.4	439.0	384.9	341.0	307.3	280.1	261.4	249.9
107.5°	690.8	614.8	543.3	479.3	422.1	370.1	327.6	296.0	268.5	252.5	243.2
110°	657.8	584.7	518.3	456.6	400.8	353.4	314.5	283.3	259.3	244.1	235.5





TEST NUMBER: P232041

CATALOG NUMBER: FVS4WM-3-LD4-35-1LO-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°	617.4	549.7	487.3	429.7	377.0	333.8	298.5	270.0	249.1	235.6	227.7
115°	574.2	511.0	452.7	398.5	353.7	314.7	281.7	255.4	237.3	226.1	219.1
117.5°	532.2	470.3	415.2	368.3	328.0	292.3	264.3	242.2	226.2	216.0	209.6
120°	484.9	430.1	380.1	337.9	301.7	271.1	246.1	227.1	214.8	206.2	199.8
122.5°	436.5	389.1	348.3	310.9	276.6	249.1	228.9	213.5	202.6	195.3	189.0
125°	390.0	351.4	316.3	283.2	256.0	232.6	212.8	199.4	190.9	183.7	177.5
127.5°	347.0	315.1	284.9	259.0	236.1	216.1	201.6	189.8	180.5	171.0	163.1
130°	306.6	281.2	257.0	235.9	216.6	202.3	190.0	180.0	170.9	161.7	151.5
132.5°	271.7	250.4	231.3	213.8	200.6	188.7	178.6	169.5	160.8	151.5	142.7
135°	239.4	222.0	208.4	196.0	185.2	175.4	166.7	158.4	149.9	141.6	134.0
137.5°	210.7	199.6	188.7	179.2	170.6	162.1	154.3	146.8	139.2	132.3	125.1
140°	187.4	178.9	170.3	162.8	155.6	148.7	142.1	135.5	129.3	122.7	115.9
142.5°	165.6	159.3	153.4	147.7	141.7	136.0	130.5	125.0	119.1	112.8	106.9
145°	145.6	140.8	137.1	133.1	128.8	124.3	119.5	114.0	108.3	103.0	97.8
147.5°	127.8	124.7	122.0	119.3	116.2	112.3	107.6	102.5	97.8	93.0	88.3
150°	112.4	110.6	108.8	106.0	103.0	99.4	95.7	91.5	87.0	82.6	78.2
152.5°	99.3	97.9	96.0	93.8	91.4	88.5	85.6	81.4	77.2	72.9	69.4
155°	88.2	87.1	85.5	83.6	81.4	78.9	76.0	72.8	69.9	66.9	64.2
157.5°	79.1	78.1	76.8	75.1	73.1	71.0	68.7	66.3	63.8	61.3	58.9
160°	72.2	70.9	69.4	67.7	65.9	64.0	61.9	59.7	57.5	55.3	53.2
162.5°	64.5	63.2	61.6	59.9	58.1	56.2	54.3	52.5	50.8	49.0	47.2
165°	54.6	53.3	52.0	50.7	49.4	48.1	46.7	45.3	43.8	42.2	40.6
167.5°	44.6	43.8	42.9	41.9	40.9	39.9	38.8	37.6	36.4	35.1	33.8
170°	35.1	34.5	33.9	33.2	32.4	31.6	30.7	29.7	28.7	27.6	26.5
172.5°	25.4	25.0	24.5	24.0	23.4	22.7	22.1	21.3	20.5	19.8	19.0
175°	15.5	15.3	15.0	14.7	14.4	14.0	13.6	13.2	12.7	12.2	11.7
177.5°	6.6	6.5	6.5	6.4	6.3	6.2	6.1	6.0	5.8	5.7	5.5
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232041

CATALOG NUMBER: FVS4WM-3-LD4-35-1LO-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°	5.4	5.2	5.0	4.8	4.6	4.4	4.2	4.0	3.7	3.5	3.2
5°	11.1	10.6	10.0	9.6	9.2	8.7	8.3	7.9	7.4	6.9	6.4
7.5°	18.2	17.3	16.4	15.5	14.5	13.5	12.5	11.7	11.0	10.3	9.6
10°	25.3	24.1	22.9	21.6	20.3	18.9	17.6	16.2	14.7	13.7	12.8
12.5°	32.3	30.8	29.2	27.6	26.0	24.3	22.6	20.9	19.1	17.3	15.9
15°	39.0	37.2	35.7	33.5	31.6	29.6	27.6	25.5	23.4	21.3	19.1
17.5°	45.5	43.3	41.3	39.2	37.0	34.7	32.4	30.1	27.7	25.2	22.6
20°	51.1	49.0	46.9	44.5	42.1	39.6	37.1	34.5	31.8	29.0	26.2
22.5°	56.5	54.2	51.9	49.6	47.0	44.3	41.5	38.7	35.8	32.8	29.7
25°	61.3	58.9	56.4	54.0	52.2	49.9	47.5	45.0	42.3	39.6	36.5
27.5°	66.8	64.8	63.2	61.4	59.5	57.6	55.1	52.5	49.8	46.8	43.7
30°	75.2	72.5	70.3	68.5	66.7	64.7	62.5	59.8	57.2	54.0	50.9
32.5°	83.6	80.2	77.5	75.3	73.4	71.5	69.4	66.9	64.1	61.0	57.8
35°	92.8	88.0	84.5	81.9	79.9	78.0	75.9	73.9	70.9	67.9	64.6
37.5°	101.3	96.2	91.4	88.5	86.2	84.2	82.3	80.1	77.5	74.6	71.3
40°	109.7	103.8	98.8	94.5	92.1	90.1	88.4	86.3	83.9	81.1	77.9
42.5°	117.8	111.5	105.6	101.0	97.8	95.8	94.1	92.3	90.2	87.5	84.4
45°	126.3	118.8	112.5	107.3	103.0	101.3	99.7	98.1	96.1	93.7	90.8
47.5°	134.3	126.3	119.2	113.2	108.8	107.2	107.6	107.7	107.2	106.3	104.5
50°	142.4	134.2	128.8	125.1	122.6	121.4	121.9	121.8	121.7	121.2	119.8
52.5°	155.5	149.5	144.6	140.4	137.2	135.7	136.0	136.0	135.9	136.1	134.9
55°	169.7	164.0	159.3	155.4	151.9	150.3	150.1	150.3	149.8	150.7	149.9
57.5°	182.8	177.3	173.3	169.9	166.6	164.6	164.1	164.5	163.7	165.0	164.7
60°	194.5	189.6	186.2	183.6	181.0	178.7	178.1	178.7	177.8	179.1	179.5
62.5°	204.9	201.0	198.4	196.7	195.1	192.5	192.1	192.7	191.9	193.2	194.3
65°	214.4	211.3	209.7	209.0	208.8	206.5	206.1	206.7	206.0	207.0	208.9
67.5°	223.1	220.6	220.3	220.8	221.6	220.3	219.9	220.6	220.2	220.8	223.5
70°	231.2	229.3	230.2	231.4	232.1	230.9	229.7	229.7	229.1	228.6	228.7
72.5°	237.6	234.2	233.4	234.2	235.7	236.0	235.5	235.9	235.9	235.2	233.0
75°	242.7	237.8	235.8	236.8	239.1	240.8	241.2	242.0	242.5	242.2	237.7
77.5°	247.8	241.7	238.4	239.1	242.3	245.3	246.8	248.1	249.0	249.4	242.6
80°	253.0	245.6	240.9	241.3	245.4	249.6	252.3	254.2	255.3	256.8	247.8
82.5°	258.3	249.5	243.5	243.5	248.4	253.7	257.7	260.3	261.6	264.3	253.9
85°	263.4	253.5	246.2	245.6	251.5	257.6	263.1	266.3	267.8	272.1	258.7
87.5°	268.4	257.4	248.8	247.7	254.5	261.7	268.6	272.4	274.1	279.5	263.6
90°	272.9	260.9	251.4	250.1	257.7	265.9	274.1	278.5	280.4	286.8	268.4
92.5°	268.4	257.4	248.8	247.7	254.5	261.7	268.6	272.4	274.1	279.5	263.6
95°	263.4	253.5	246.2	245.6	251.5	257.6	263.1	266.3	267.8	272.1	258.7
97.5°	258.3	249.5	243.5	243.5	248.4	253.7	257.7	260.3	261.6	264.3	253.9
100°	253.0	245.6	240.9	241.3	245.4	249.6	252.3	254.2	255.3	256.8	247.8
102.5°	247.8	241.7	238.4	239.1	242.3	245.3	246.8	248.1	249.0	249.4	242.6
105°	242.7	237.8	235.8	236.8	239.1	240.8	241.2	242.0	242.5	242.2	237.7
107.5°	237.6	234.2	233.4	234.2	235.7	236.0	235.5	235.9	235.9	235.2	233.0
110°	231.2	229.3	230.2	231.4	232.1	230.9	229.7	229.7	229.1	228.6	228.7



TEST NUMBER: P232041

CATALOG NUMBER: FVS4WM-3-LD4-35-1LO-PA187-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	223.1	220.6	220.3	220.8	221.6	220.3	219.9	220.6	220.2	220.8	223.5
115°	214.4	211.3	209.7	209.0	208.8	206.5	206.1	206.7	206.0	207.0	208.9
117.5°	204.9	201.0	198.4	196.7	195.1	192.5	192.1	192.7	191.9	193.2	194.3
120°	194.5	189.6	186.2	183.6	181.0	178.7	178.1	178.7	177.8	179.1	179.5
122.5°	182.8	177.3	173.3	169.9	166.6	164.6	164.1	164.5	163.7	165.0	164.7
125°	169.7	164.0	159.3	155.4	151.9	150.3	150.1	150.3	149.8	150.7	149.9
127.5°	155.5	149.5	144.6	140.4	137.2	135.7	136.0	136.0	135.9	136.1	134.9
130°	142.4	134.2	128.8	125.1	122.6	121.4	121.9	121.8	121.7	121.2	119.8
132.5°	134.3	126.3	119.2	113.2	108.8	107.2	107.6	107.7	107.2	106.3	104.5
135°	126.3	118.8	112.5	107.3	103.0	101.3	99.7	98.1	96.1	93.7	90.8
137.5°	117.8	111.5	105.6	101.0	97.8	95.8	94.1	92.3	90.2	87.5	84.4
140°	109.7	103.8	98.8	94.5	92.1	90.1	88.4	86.3	83.9	81.1	77.9
142.5°	101.3	96.2	91.4	88.5	86.2	84.2	82.3	80.1	77.5	74.6	71.3
145°	92.8	88.0	84.5	81.9	79.9	78.0	75.9	73.9	70.9	67.9	64.6
147.5°	83.6	80.2	77.5	75.3	73.4	71.5	69.4	66.9	64.1	61.0	57.8
150°	75.2	72.5	70.3	68.5	66.7	64.7	62.5	59.8	57.2	54.0	50.9
152.5°	66.8	64.8	63.2	61.4	59.5	57.6	55.1	52.5	49.8	46.8	43.7
155°	61.3	58.9	56.4	54.0	52.2	49.9	47.5	45.0	42.3	39.6	36.5
157.5°	56.5	54.2	51.9	49.6	47.0	44.3	41.5	38.7	35.8	32.8	29.7
160°	51.1	49.0	46.9	44.5	42.1	39.6	37.1	34.5	31.8	29.0	26.2
162.5°	45.5	43.3	41.3	39.2	37.0	34.7	32.4	30.1	27.7	25.2	22.6
165°	39.0	37.2	35.7	33.5	31.6	29.6	27.6	25.5	23.4	21.3	19.1
167.5°	32.3	30.8	29.2	27.6	26.0	24.3	22.6	20.9	19.1	17.3	15.9
170°	25.3	24.1	22.9	21.6	20.3	18.9	17.6	16.2	14.7	13.7	12.8
172.5°	18.2	17.3	16.4	15.5	14.5	13.5	12.5	11.7	11.0	10.3	9.6
175°	11.1	10.6	10.0	9.6	9.2	8.7	8.3	7.9	7.4	6.9	6.4
177.5°	5.4	5.2	5.0	4.8	4.6	4.4	4.2	4.0	3.7	3.5	3.2
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: P232041

CATALOG NUMBER: FVS4WM-3-LD4-35-1LO-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°	3.0	2.7	2.4	2.2	2.2	2.2	2.1	2.1	2.1	2.1	2.1
5°	5.9	5.4	4.9	4.4	4.3	4.3	4.3	4.2	4.2	4.1	4.1
7.5°	8.9	8.1	7.3	6.5	6.5	6.4	6.4	6.3	6.2	6.1	6.0
10°	11.8	10.8	9.8	8.7	8.6	8.6	8.5	8.4	8.2	8.1	8.0
12.5°	14.7	13.4	12.2	10.9	10.8	10.7	10.5	10.4	10.3	10.2	10.0
15°	17.5	16.1	14.6	13.1	12.9	12.8	12.6	12.4	12.3	12.2	12.0
17.5°	20.4	18.7	17.0	15.2	15.1	14.9	14.6	14.5	14.4	14.2	14.1
20°	23.3	21.3	19.4	17.4	17.2	16.9	16.7	16.6	16.4	16.3	16.1
22.5°	26.4	23.9	21.8	19.6	19.3	19.0	18.8	18.6	18.5	18.3	18.1
25°	33.3	30.5	28.4	26.2	26.0	25.6	25.3	25.0	24.5	23.8	23.0
27.5°	40.4	37.2	35.0	32.8	32.7	32.4	32.3	32.0	31.5	30.7	29.7
30°	47.4	43.8	41.7	39.4	39.4	39.3	39.3	39.1	38.4	37.6	35.9
32.5°	54.3	50.6	48.2	46.0	46.2	46.2	46.3	46.1	45.3	44.0	41.8
35°	61.0	57.3	54.8	52.6	52.9	53.2	53.4	53.1	52.3	50.1	47.4
37.5°	67.7	64.0	61.3	59.2	59.7	60.1	60.5	60.1	59.2	55.9	52.1
40°	74.3	70.6	67.8	65.8	66.5	67.2	67.7	67.0	65.2	61.5	56.4
42.5°	80.9	77.1	74.3	72.4	73.4	74.2	74.9	74.0	71.2	67.0	60.2
45°	87.3	83.6	80.7	79.0	80.2	81.3	81.9	81.0	77.0	71.2	63.7
47.5°	100.3	94.9	89.8	86.0	85.3	84.8	84.3	83.2	78.6	72.5	65.5
50°	114.3	106.8	99.0	93.0	90.3	88.0	86.0	83.9	78.7	72.3	65.8
52.5°	128.6	119.0	108.5	100.0	95.1	90.9	87.6	84.3	78.8	72.4	66.7
55°	143.2	131.6	118.0	107.0	99.8	93.6	89.0	84.7	78.8	72.8	68.0
57.5°	158.0	144.3	127.6	114.1	104.3	96.1	90.4	85.2	79.1	73.7	69.7
60°	173.0	157.3	137.4	121.1	108.8	98.4	91.6	85.6	79.6	75.0	72.0
62.5°	188.1	170.5	147.3	128.1	113.1	100.5	92.7	86.0	80.4	76.7	74.6
65°	203.4	183.8	157.2	135.1	117.4	102.5	93.8	86.5	81.3	78.7	77.5
67.5°	218.8	197.3	167.2	142.1	121.6	104.4	94.7	87.0	82.4	80.9	80.8
70°	221.3	197.5	166.3	140.8	120.4	103.3	93.9	86.0	81.9	80.9	81.7
72.5°	222.8	197.2	165.2	139.6	119.2	102.2	93.0	84.9	81.0	80.1	81.0
75°	224.3	196.7	165.1	138.3	118.0	101.2	92.1	83.7	80.2	79.3	80.4
77.5°	225.8	196.1	163.7	137.0	116.9	100.2	91.2	82.7	79.4	78.4	79.8
80°	227.2	196.5	162.2	135.8	115.8	99.4	90.4	81.7	78.6	77.5	79.1
82.5°	229.5	195.2	160.8	134.5	114.7	98.6	89.7	80.7	77.9	76.6	78.5
85°	230.3	193.9	159.4	133.2	113.7	97.9	89.0	79.9	77.1	75.7	77.8
87.5°	231.0	192.7	158.0	132.0	112.7	97.2	88.4	79.0	76.5	74.8	77.1
90°	231.8	191.4	156.6	130.7	111.8	96.6	87.8	78.3	75.8	73.9	76.4
92.5°	231.0	192.7	158.0	132.0	112.7	97.2	88.4	79.0	76.5	74.8	77.1
95°	230.3	193.9	159.4	133.2	113.7	97.9	89.0	79.9	77.1	75.7	77.8
97.5°	229.5	195.2	160.8	134.5	114.7	98.6	89.7	80.7	77.9	76.6	78.5
100°	227.2	196.5	162.2	135.8	115.8	99.4	90.4	81.7	78.6	77.5	79.1
102.5°	225.8	196.1	163.7	137.0	116.9	100.2	91.2	82.7	79.4	78.4	79.8
105°	224.3	196.7	165.1	138.3	118.0	101.2	92.1	83.7	80.2	79.3	80.4
107.5°	222.8	197.2	165.2	139.6	119.2	102.2	93.0	84.9	81.0	80.1	81.0
110°	221.3	197.5	166.3	140.8	120.4	103.3	93.9	86.0	81.9	80.9	81.7



TEST NUMBER: P232041

CATALOG NUMBER: FVS4WM-3-LD4-35-1LO-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°	218.8	197.3	167.2	142.1	121.6	104.4	94.7	87.0	82.4	80.9	80.8
115°	203.4	183.8	157.2	135.1	117.4	102.5	93.8	86.5	81.3	78.7	77.5
117.5°	188.1	170.5	147.3	128.1	113.1	100.5	92.7	86.0	80.4	76.7	74.6
120°	173.0	157.3	137.4	121.1	108.8	98.4	91.6	85.6	79.6	75.0	72.0
122.5°	158.0	144.3	127.6	114.1	104.3	96.1	90.4	85.2	79.1	73.7	69.7
125°	143.2	131.6	118.0	107.0	99.8	93.6	89.0	84.7	78.8	72.8	68.0
127.5°	128.6	119.0	108.5	100.0	95.1	90.9	87.6	84.3	78.8	72.4	66.7
130°	114.3	106.8	99.0	93.0	90.3	88.0	86.0	83.9	78.7	72.3	65.8
132.5°	100.3	94.9	89.8	86.0	85.3	84.8	84.3	83.2	78.6	72.5	65.5
135°	87.3	83.6	80.7	79.0	80.2	81.3	81.9	81.0	77.0	71.2	63.7
137.5°	80.9	77.1	74.3	72.4	73.4	74.2	74.9	74.0	71.2	67.0	60.2
140°	74.3	70.6	67.8	65.8	66.5	67.2	67.7	67.0	65.2	61.5	56.4
142.5°	67.7	64.0	61.3	59.2	59.7	60.1	60.5	60.1	59.2	55.9	52.1
145°	61.0	57.3	54.8	52.6	52.9	53.2	53.4	53.1	52.3	50.1	47.4
147.5°	54.3	50.6	48.2	46.0	46.2	46.2	46.3	46.1	45.3	44.0	41.8
150°	47.4	43.8	41.7	39.4	39.4	39.3	39.3	39.1	38.4	37.6	35.9
152.5°	40.4	37.2	35.0	32.8	32.7	32.4	32.3	32.0	31.5	30.7	29.7
155°	33.3	30.5	28.4	26.2	26.0	25.6	25.3	25.0	24.5	23.8	23.0
157.5°	26.4	23.9	21.8	19.6	19.3	19.0	18.8	18.6	18.5	18.3	18.1
160°	23.3	21.3	19.4	17.4	17.2	16.9	16.7	16.6	16.4	16.3	16.1
162.5°	20.4	18.7	17.0	15.2	15.1	14.9	14.6	14.5	14.4	14.2	14.1
165°	17.5	16.1	14.6	13.1	12.9	12.8	12.6	12.4	12.3	12.2	12.0
167.5°	14.7	13.4	12.2	10.9	10.8	10.7	10.5	10.4	10.3	10.2	10.0
170°	11.8	10.8	9.8	8.7	8.6	8.6	8.5	8.4	8.2	8.1	8.0
172.5°	8.9	8.1	7.3	6.5	6.5	6.4	6.4	6.3	6.2	6.1	6.0
175°	5.9	5.4	4.9	4.4	4.3	4.3	4.3	4.2	4.2	4.1	4.1
177.5°	3.0	2.7	2.4	2.2	2.2	2.2	2.1	2.1	2.1	2.1	2.1
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232041

CATALOG NUMBER: FVS4WM-3-LD4-35-1LO-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°	2.0	2.0	1.9	1.9	1.9	1.8	1.7	1.7	1.6	1.6	1.5
5°	4.0	3.9	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.0
7.5°	5.9	5.8	5.7	5.6	5.5	5.3	5.2	5.0	4.8	4.7	4.5
10°	7.9	7.8	7.6	7.5	7.3	7.1	6.9	6.7	6.5	6.2	6.0
12.5°	9.9	9.7	9.5	9.3	9.1	8.9	8.6	8.4	8.1	7.8	7.5
15°	11.9	11.7	11.5	11.2	11.0	10.7	10.4	10.1	9.7	9.4	8.9
17.5°	13.9	13.6	13.4	13.1	12.8	12.5	12.2	11.7	11.2	10.8	10.3
20°	15.9	15.6	15.3	15.0	14.7	14.2	13.7	13.2	12.7	12.2	11.7
22.5°	17.9	17.6	17.3	16.9	16.4	15.8	15.2	14.8	14.3	13.8	13.3
25°	22.1	21.0	19.8	18.6	18.0	17.5	17.0	16.5	16.0	15.4	14.8
27.5°	28.3	26.8	25.0	23.2	21.8	20.5	19.3	18.3	17.7	16.9	16.1
30°	34.1	31.8	29.4	27.4	25.6	24.0	22.5	21.1	19.7	18.4	17.3
32.5°	39.2	36.1	33.4	30.9	28.7	26.8	24.9	23.2	21.6	20.1	18.8
35°	43.6	39.9	36.8	33.8	31.3	28.9	26.7	24.8	23.1	21.6	20.5
37.5°	47.5	43.4	39.6	36.3	33.3	30.6	28.2	26.1	24.4	23.1	21.7
40°	51.0	46.3	42.0	38.3	34.9	31.8	29.4	27.4	25.8	24.2	22.6
42.5°	54.2	48.7	44.1	39.9	36.1	33.1	30.6	28.6	26.8	25.0	23.5
45°	57.0	51.0	45.7	41.2	37.3	34.1	31.8	29.6	27.7	26.0	24.4
47.5°	59.0	52.9	47.2	42.2	38.4	35.3	32.8	30.6	28.6	26.8	25.3
50°	59.9	54.6	49.5	44.7	40.4	36.6	33.8	31.4	29.5	27.9	26.3
52.5°	61.6	56.8	52.4	48.6	44.7	40.9	37.1	33.6	30.6	29.0	27.3
55°	63.7	59.8	56.1	52.9	49.3	45.4	41.5	37.8	34.5	31.5	28.5
57.5°	66.4	63.3	60.4	57.6	53.9	49.8	45.8	41.9	38.2	34.7	31.1
60°	69.5	67.2	65.2	62.5	58.6	54.3	50.0	45.7	41.5	37.4	33.4
62.5°	73.0	71.5	70.4	67.4	63.3	58.7	54.0	49.2	44.5	39.7	35.5
65°	76.9	76.3	75.9	72.5	68.0	63.0	57.8	52.4	47.1	41.8	37.2
67.5°	81.1	81.4	81.1	77.6	72.7	67.3	61.4	55.5	49.4	43.7	38.7
70°	83.0	84.6	85.0	82.2	77.3	71.5	64.9	58.4	51.6	45.5	40.0
72.5°	82.6	84.5	84.6	82.2	78.2	73.1	67.0	60.6	53.6	47.1	41.2
75°	82.2	84.3	84.5	82.5	78.9	73.9	67.9	61.5	54.8	48.4	42.4
77.5°	81.8	84.1	84.6	83.1	79.9	74.9	69.1	62.8	56.2	49.7	43.6
80°	81.4	83.9	84.9	83.9	81.0	76.2	70.5	64.3	57.9	51.2	44.8
82.5°	81.0	83.6	85.2	84.9	82.4	77.8	72.2	66.2	59.8	52.9	46.2
85°	80.6	83.4	85.6	86.0	83.9	79.5	74.0	68.4	62.0	54.8	47.8
87.5°	80.1	83.1	86.1	87.2	85.5	81.4	76.1	70.7	64.4	57.0	49.7
90°	79.6	82.7	86.5	88.4	87.2	83.4	78.3	73.3	67.0	59.4	51.8
92.5°	80.1	83.1	86.1	87.2	85.5	81.4	76.1	70.7	64.4	57.0	49.7
95°	80.6	83.4	85.6	86.0	83.9	79.5	74.0	68.4	62.0	54.8	47.8
97.5°	81.0	83.6	85.2	84.9	82.4	77.8	72.2	66.2	59.8	52.9	46.2
100°	81.4	83.9	84.9	83.9	81.0	76.2	70.5	64.3	57.9	51.2	44.8
102.5°	81.8	84.1	84.6	83.1	79.9	74.9	69.1	62.8	56.2	49.7	43.6
105°	82.2	84.3	84.5	82.5	78.9	73.9	67.9	61.5	54.8	48.4	42.4
107.5°	82.6	84.5	84.6	82.2	78.2	73.1	67.0	60.6	53.6	47.1	41.2
110°	83.0	84.6	85.0	82.2	77.3	71.5	64.9	58.4	51.6	45.5	40.0



TEST NUMBER: P232041

CATALOG NUMBER: FVS4WM-3-LD4-35-1LO-PA187-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	81.1	81.4	81.1	77.6	72.7	67.3	61.4	55.5	49.4	43.7	38.7
115°	76.9	76.3	75.9	72.5	68.0	63.0	57.8	52.4	47.1	41.8	37.2
117.5°	73.0	71.5	70.4	67.4	63.3	58.7	54.0	49.2	44.5	39.7	35.5
120°	69.5	67.2	65.2	62.5	58.6	54.3	50.0	45.7	41.5	37.4	33.4
122.5°	66.4	63.3	60.4	57.6	53.9	49.8	45.8	41.9	38.2	34.7	31.1
125°	63.7	59.8	56.1	52.9	49.3	45.4	41.5	37.8	34.5	31.5	28.5
127.5°	61.6	56.8	52.4	48.6	44.7	40.9	37.1	33.6	30.6	29.0	27.3
130°	59.9	54.6	49.5	44.7	40.4	36.6	33.8	31.4	29.5	27.9	26.3
132.5°	59.0	52.9	47.2	42.2	38.4	35.3	32.8	30.6	28.6	26.8	25.3
135°	57.0	51.0	45.7	41.2	37.3	34.1	31.8	29.6	27.7	26.0	24.4
137.5°	54.2	48.7	44.1	39.9	36.1	33.1	30.6	28.6	26.8	25.0	23.5
140°	51.0	46.3	42.0	38.3	34.9	31.8	29.4	27.4	25.8	24.2	22.6
142.5°	47.5	43.4	39.6	36.3	33.3	30.6	28.2	26.1	24.4	23.1	21.7
145°	43.6	39.9	36.8	33.8	31.3	28.9	26.7	24.8	23.1	21.6	20.5
147.5°	39.2	36.1	33.4	30.9	28.7	26.8	24.9	23.2	21.6	20.1	18.8
150°	34.1	31.8	29.4	27.4	25.6	24.0	22.5	21.1	19.7	18.4	17.3
152.5°	28.3	26.8	25.0	23.2	21.8	20.5	19.3	18.3	17.7	16.9	16.1
155°	22.1	21.0	19.8	18.6	18.0	17.5	17.0	16.5	16.0	15.4	14.8
157.5°	17.9	17.6	17.3	16.9	16.4	15.8	15.2	14.8	14.3	13.8	13.3
160°	15.9	15.6	15.3	15.0	14.7	14.2	13.7	13.2	12.7	12.2	11.7
162.5°	13.9	13.6	13.4	13.1	12.8	12.5	12.2	11.7	11.2	10.8	10.3
165°	11.9	11.7	11.5	11.2	11.0	10.7	10.4	10.1	9.7	9.4	8.9
167.5°	9.9	9.7	9.5	9.3	9.1	8.9	8.6	8.4	8.1	7.8	7.5
170°	7.9	7.8	7.6	7.5	7.3	7.1	6.9	6.7	6.5	6.2	6.0
172.5°	5.9	5.8	5.7	5.6	5.5	5.3	5.2	5.0	4.8	4.7	4.5
175°	4.0	3.9	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.0
177.5°	2.0	2.0	1.9	1.9	1.9	1.8	1.7	1.7	1.6	1.6	1.5
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232041

CATALOG NUMBER: FVS4WM-3-LD4-35-1LO-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°	1.4	1.4	1.3	1.2	1.1	1.1	1.0	0.9	0.8	0.7	0.6
5°	2.8	2.7	2.6	2.4	2.3	2.1	1.9	1.8	1.6	1.4	1.3
7.5°	4.3	4.1	3.8	3.6	3.4	3.2	2.9	2.7	2.4	2.2	1.9
10°	5.7	5.4	5.1	4.9	4.5	4.2	3.9	3.6	3.2	2.9	2.5
12.5°	7.2	6.8	6.5	6.1	5.7	5.3	4.8	4.4	4.0	3.6	3.1
15°	8.5	8.1	7.6	7.1	6.7	6.2	5.7	5.3	4.8	4.3	3.7
17.5°	9.8	9.3	8.8	8.3	7.8	7.3	6.7	6.2	5.6	5.0	4.4
20°	11.2	10.7	10.2	9.6	9.0	8.4	7.7	7.1	6.4	5.7	5.0
22.5°	12.7	12.1	11.5	10.8	10.0	9.3	8.5	7.8	7.0	6.3	5.5
25°	14.1	13.3	12.5	11.7	10.9	10.1	9.3	8.5	7.7	6.9	6.1
27.5°	15.3	14.4	13.6	12.7	11.9	11.1	10.3	9.4	8.5	7.6	6.6
30°	16.4	15.5	14.7	13.9	13.1	12.1	11.1	10.1	9.1	8.1	7.1
32.5°	17.8	16.9	16.0	15.0	13.9	12.8	11.8	10.7	9.7	8.5	7.4
35°	19.4	18.1	17.0	15.8	14.7	13.6	12.3	11.1	9.8	8.7	7.6
37.5°	20.3	19.0	17.8	16.7	15.3	13.9	12.5	11.4	10.2	9.1	8.0
40°	21.2	19.9	18.5	17.0	15.6	14.4	13.1	11.9	10.7	9.5	8.3
42.5°	22.1	20.6	19.0	17.7	16.4	15.0	13.7	12.4	11.2	9.9	8.6
45°	22.8	21.3	19.9	18.5	17.0	15.6	14.2	12.9	11.6	10.2	8.9
47.5°	23.7	22.2	20.7	19.1	17.6	16.2	14.7	13.3	12.0	10.6	9.3
50°	24.7	23.0	21.2	19.7	18.2	16.6	15.1	13.7	12.4	10.9	9.5
52.5°	25.5	23.6	22.0	20.4	18.6	17.0	15.6	14.1	12.6	11.2	9.8
55°	26.2	24.4	22.7	20.7	19.1	17.5	16.0	14.4	12.9	11.5	10.1
57.5°	28.0	25.4	23.1	21.3	19.6	18.0	16.4	14.8	13.3	11.8	10.2
60°	30.1	26.9	24.1	21.9	20.2	18.5	16.8	15.2	13.5	11.8	10.1
62.5°	31.7	28.2	25.3	22.9	20.8	19.0	17.3	15.3	13.5	11.6	9.8
65°	33.0	29.4	26.3	23.6	21.3	19.3	17.4	15.3	13.2	11.2	9.4
67.5°	34.1	30.3	27.0	24.0	21.5	19.2	17.1	15.1	12.8	10.6	8.8
70°	35.2	31.1	27.4	24.2	21.4	18.9	16.6	14.3	12.0	10.1	8.2
72.5°	36.2	31.8	27.7	24.2	21.3	18.6	16.0	13.4	11.4	9.5	7.6
75°	37.1	32.3	27.9	24.2	21.1	18.2	15.3	13.0	10.9	8.8	6.9
77.5°	38.0	32.9	28.2	24.2	21.0	17.8	14.8	12.8	10.4	8.2	6.3
80°	39.0	33.6	28.6	24.4	20.7	17.3	14.6	12.6	10.0	7.6	5.6
82.5°	40.1	34.3	29.1	24.5	20.5	16.8	14.0	11.6	9.3	7.0	4.9
85°	41.5	35.3	29.7	24.8	20.4	16.4	13.4	10.9	8.7	6.5	4.6
87.5°	43.0	36.4	30.5	25.2	20.4	16.3	12.9	10.4	8.3	6.2	4.7
90°	44.8	37.9	31.6	25.9	20.8	16.4	12.6	10.1	8.2	6.3	5.1
92.5°	43.0	36.4	30.5	25.2	20.4	16.3	12.9	10.4	8.3	6.2	4.7
95°	41.5	35.3	29.7	24.8	20.4	16.4	13.4	10.9	8.7	6.5	4.6
97.5°	40.1	34.3	29.1	24.5	20.5	16.8	14.0	11.6	9.3	7.0	4.9
100°	39.0	33.6	28.6	24.4	20.7	17.3	14.6	12.6	10.0	7.6	5.6
102.5°	38.0	32.9	28.2	24.2	21.0	17.8	14.8	12.8	10.4	8.2	6.3
105°	37.1	32.3	27.9	24.2	21.1	18.2	15.3	13.0	10.9	8.8	6.9
107.5°	36.2	31.8	27.7	24.2	21.3	18.6	16.0	13.4	11.4	9.5	7.6
110°	35.2	31.1	27.4	24.2	21.4	18.9	16.6	14.3	12.0	10.1	8.2





TEST NUMBER: P232041

CATALOG NUMBER: FVS4WM-3-LD4-35-1LO-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°	34.1	30.3	27.0	24.0	21.5	19.2	17.1	15.1	12.8	10.6	8.8
115°	33.0	29.4	26.3	23.6	21.3	19.3	17.4	15.3	13.2	11.2	9.4
117.5°	31.7	28.2	25.3	22.9	20.8	19.0	17.3	15.3	13.5	11.6	9.8
120°	30.1	26.9	24.1	21.9	20.2	18.5	16.8	15.2	13.5	11.8	10.1
122.5°	28.0	25.4	23.1	21.3	19.6	18.0	16.4	14.8	13.3	11.8	10.2
125°	26.2	24.4	22.7	20.7	19.1	17.5	16.0	14.4	12.9	11.5	10.1
127.5°	25.5	23.6	22.0	20.4	18.6	17.0	15.6	14.1	12.6	11.2	9.8
130°	24.7	23.0	21.2	19.7	18.2	16.6	15.1	13.7	12.4	10.9	9.5
132.5°	23.7	22.2	20.7	19.1	17.6	16.2	14.7	13.3	12.0	10.6	9.3
135°	22.8	21.3	19.9	18.5	17.0	15.6	14.2	12.9	11.6	10.2	8.9
137.5°	22.1	20.6	19.0	17.7	16.4	15.0	13.7	12.4	11.2	9.9	8.6
140°	21.2	19.9	18.5	17.0	15.6	14.4	13.1	11.9	10.7	9.5	8.3
142.5°	20.3	19.0	17.8	16.7	15.3	13.9	12.5	11.4	10.2	9.1	8.0
145°	19.4	18.1	17.0	15.8	14.7	13.6	12.3	11.1	9.8	8.7	7.6
147.5°	17.8	16.9	16.0	15.0	13.9	12.8	11.8	10.7	9.7	8.5	7.4
150°	16.4	15.5	14.7	13.9	13.1	12.1	11.1	10.1	9.1	8.1	7.1
152.5°	15.3	14.4	13.6	12.7	11.9	11.1	10.3	9.4	8.5	7.6	6.6
155°	14.1	13.3	12.5	11.7	10.9	10.1	9.3	8.5	7.7	6.9	6.1
157.5°	12.7	12.1	11.5	10.8	10.0	9.3	8.5	7.8	7.0	6.3	5.5
160°	11.2	10.7	10.2	9.6	9.0	8.4	7.7	7.1	6.4	5.7	5.0
162.5°	9.8	9.3	8.8	8.3	7.8	7.3	6.7	6.2	5.6	5.0	4.4
165°	8.5	8.1	7.6	7.1	6.7	6.2	5.7	5.3	4.8	4.3	3.7
167.5°	7.2	6.8	6.5	6.1	5.7	5.3	4.8	4.4	4.0	3.6	3.1
170°	5.7	5.4	5.1	4.9	4.5	4.2	3.9	3.6	3.2	2.9	2.5
172.5°	4.3	4.1	3.8	3.6	3.4	3.2	2.9	2.7	2.4	2.2	1.9
175°	2.8	2.7	2.6	2.4	2.3	2.1	1.9	1.8	1.6	1.4	1.3
177.5°	1.4	1.4	1.3	1.2	1.1	1.1	1.0	0.9	0.8	0.7	0.6
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232041

CATALOG NUMBER: FVS4WM-3-LD4-35-1LO-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	0.5	0.4	0.3	0.2	0.1	0.0	0.1	0.2	0.3	0.4
5°	1.1	0.9	0.7	0.5	0.4	0.2	0.0	0.2	0.4	0.5	0.7
7.5°	1.6	1.4	1.1	0.8	0.6	0.3	0.0	0.3	0.6	0.8	1.1
10°	2.2	1.8	1.5	1.1	0.7	0.4	0.0	0.4	0.7	1.1	1.5
12.5°	2.7	2.2	1.8	1.4	0.9	0.5	0.0	0.5	0.9	1.4	1.8
15°	3.2	2.7	2.2	1.6	1.1	0.5	0.0	0.5	1.1	1.6	2.2
17.5°	3.8	3.2	2.5	1.9	1.3	0.6	0.0	0.6	1.3	1.9	2.5
20°	4.3	3.6	2.9	2.1	1.4	0.7	0.0	0.7	1.4	2.1	2.9
22.5°	4.7	3.9	3.1	2.4	1.6	0.8	0.0	0.8	1.6	2.4	3.1
25°	5.2	4.4	3.5	2.6	1.8	0.9	0.0	0.9	1.8	2.6	3.5
27.5°	5.7	4.7	3.8	2.8	1.9	0.9	0.0	0.9	1.9	2.8	3.8
30°	6.1	5.1	4.1	3.0	2.0	1.0	0.0	1.0	2.0	3.0	4.1
32.5°	6.3	5.2	4.1	3.1	2.1	1.0	0.0	1.0	2.1	3.1	4.1
35°	6.5	5.4	4.3	3.2	2.2	1.1	0.0	1.1	2.2	3.2	4.3
37.5°	6.8	5.7	4.5	3.4	2.3	1.1	0.0	1.1	2.3	3.4	4.5
40°	7.1	5.9	4.7	3.5	2.4	1.2	0.0	1.2	2.4	3.5	4.7
42.5°	7.4	6.1	4.9	3.7	2.4	1.2	0.0	1.2	2.4	3.7	4.9
45°	7.6	6.4	5.1	3.8	2.5	1.3	0.0	1.3	2.5	3.8	5.1
47.5°	7.9	6.6	5.2	3.9	2.6	1.3	0.0	1.3	2.6	3.9	5.2
50°	8.1	6.7	5.4	4.0	2.7	1.3	0.0	1.3	2.7	4.0	5.4
52.5°	8.4	6.9	5.5	4.1	2.8	1.4	0.0	1.4	2.8	4.1	5.5
55°	8.6	7.1	5.7	4.2	2.8	1.4	0.0	1.4	2.8	4.2	5.7
57.5°	8.8	7.2	5.6	4.1	2.7	1.3	0.0	1.3	2.7	4.1	5.6
60°	8.5	6.9	5.4	4.0	2.7	1.3	0.0	1.3	2.7	4.0	5.4
62.5°	8.2	6.9	5.3	3.8	2.5	1.2	0.0	1.2	2.5	3.8	5.3
65°	7.8	6.3	4.8	3.4	2.2	1.1	0.0	1.1	2.2	3.4	4.8
67.5°	7.1	5.6	4.3	3.2	2.3	1.4	0.6	1.4	2.3	3.2	4.3
70°	6.5	5.1	4.1	3.2	2.2	1.4	0.6	1.4	2.2	3.2	4.1
72.5°	5.9	4.7	3.8	2.9	2.0	1.3	0.6	1.3	2.0	2.9	3.8
75°	5.5	4.2	3.1	2.4	1.8	1.2	0.6	1.2	1.8	2.4	3.1
77.5°	4.8	3.3	2.3	1.6	0.7	0.1	0.0	0.1	0.7	1.6	2.3
80°	3.8	2.5	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2
82.5°	3.1	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	2.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	2.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	2.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	3.1	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	3.8	2.5	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2
102.5°	4.8	3.3	2.3	1.6	0.7	0.1	0.0	0.1	0.7	1.6	2.3
105°	5.5	4.2	3.1	2.4	1.8	1.2	0.6	1.2	1.8	2.4	3.1
107.5°	5.9	4.7	3.8	2.9	2.0	1.3	0.6	1.3	2.0	2.9	3.8
110°	6.5	5.1	4.1	3.2	2.2	1.4	0.6	1.4	2.2	3.2	4.1



TEST NUMBER: P232041

CATALOG NUMBER: FVS4WM-3-LD4-35-1LO-PA187-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	7.1	5.6	4.3	3.2	2.3	1.4	0.6	1.4	2.3	3.2	4.3
115°	7.8	6.3	4.8	3.4	2.2	1.1	0.0	1.1	2.2	3.4	4.8
117.5°	8.2	6.9	5.3	3.8	2.5	1.2	0.0	1.2	2.5	3.8	5.3
120°	8.5	6.9	5.4	4.0	2.7	1.3	0.0	1.3	2.7	4.0	5.4
122.5°	8.8	7.2	5.6	4.1	2.7	1.3	0.0	1.3	2.7	4.1	5.6
125°	8.6	7.1	5.7	4.2	2.8	1.4	0.0	1.4	2.8	4.2	5.7
127.5°	8.4	6.9	5.5	4.1	2.8	1.4	0.0	1.4	2.8	4.1	5.5
130°	8.1	6.7	5.4	4.0	2.7	1.3	0.0	1.3	2.7	4.0	5.4
132.5°	7.9	6.6	5.2	3.9	2.6	1.3	0.0	1.3	2.6	3.9	5.2
135°	7.6	6.4	5.1	3.8	2.5	1.3	0.0	1.3	2.5	3.8	5.1
137.5°	7.4	6.1	4.9	3.7	2.4	1.2	0.0	1.2	2.4	3.7	4.9
140°	7.1	5.9	4.7	3.5	2.4	1.2	0.0	1.2	2.4	3.5	4.7
142.5°	6.8	5.7	4.5	3.4	2.3	1.1	0.0	1.1	2.3	3.4	4.5
145°	6.5	5.4	4.3	3.2	2.2	1.1	0.0	1.1	2.2	3.2	4.3
147.5°	6.3	5.2	4.1	3.1	2.1	1.0	0.0	1.0	2.1	3.1	4.1
150°	6.1	5.1	4.1	3.0	2.0	1.0	0.0	1.0	2.0	3.0	4.1
152.5°	5.7	4.7	3.8	2.8	1.9	0.9	0.0	0.9	1.9	2.8	3.8
155°	5.2	4.4	3.5	2.6	1.8	0.9	0.0	0.9	1.8	2.6	3.5
157.5°	4.7	3.9	3.1	2.4	1.6	0.8	0.0	0.8	1.6	2.4	3.1
160°	4.3	3.6	2.9	2.1	1.4	0.7	0.0	0.7	1.4	2.1	2.9
162.5°	3.8	3.2	2.5	1.9	1.3	0.6	0.0	0.6	1.3	1.9	2.5
165°	3.2	2.7	2.2	1.6	1.1	0.5	0.0	0.5	1.1	1.6	2.2
167.5°	2.7	2.2	1.8	1.4	0.9	0.5	0.0	0.5	0.9	1.4	1.8
170°	2.2	1.8	1.5	1.1	0.7	0.4	0.0	0.4	0.7	1.1	1.5
172.5°	1.6	1.4	1.1	0.8	0.6	0.3	0.0	0.3	0.6	0.8	1.1
175°	1.1	0.9	0.7	0.5	0.4	0.2	0.0	0.2	0.4	0.5	0.7
177.5°	0.5	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: P232041

CATALOG NUMBER: FVS4WM-3-LD4-35-1LO-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°	0.5	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.1	1.2	1.3
5°	0.9	1.1	1.3	1.4	1.6	1.8	1.9	2.1	2.3	2.4	2.6
7.5°	1.4	1.6	1.9	2.2	2.4	2.7	2.9	3.2	3.4	3.6	3.8
10°	1.8	2.2	2.5	2.9	3.2	3.6	3.9	4.2	4.5	4.9	5.1
12.5°	2.2	2.7	3.1	3.6	4.0	4.4	4.8	5.3	5.7	6.1	6.5
15°	2.7	3.2	3.7	4.3	4.8	5.3	5.7	6.2	6.7	7.1	7.6
17.5°	3.2	3.8	4.4	5.0	5.6	6.2	6.7	7.3	7.8	8.3	8.8
20°	3.6	4.3	5.0	5.7	6.4	7.1	7.7	8.4	9.0	9.6	10.2
22.5°	3.9	4.7	5.5	6.3	7.0	7.8	8.5	9.3	10.0	10.8	11.5
25°	4.4	5.2	6.1	6.9	7.7	8.5	9.3	10.1	10.9	11.7	12.5
27.5°	4.7	5.7	6.6	7.6	8.5	9.4	10.3	11.1	11.9	12.7	13.6
30°	5.1	6.1	7.1	8.1	9.1	10.1	11.1	12.1	13.1	13.9	14.7
32.5°	5.2	6.3	7.4	8.5	9.7	10.7	11.8	12.8	13.9	15.0	16.0
35°	5.4	6.5	7.6	8.7	9.8	11.1	12.3	13.6	14.7	15.8	17.0
37.5°	5.7	6.8	8.0	9.1	10.2	11.4	12.5	13.9	15.3	16.7	17.8
40°	5.9	7.1	8.3	9.5	10.7	11.9	13.1	14.4	15.6	17.0	18.5
42.5°	6.1	7.4	8.6	9.9	11.2	12.4	13.7	15.0	16.4	17.7	19.0
45°	6.4	7.6	8.9	10.2	11.6	12.9	14.2	15.6	17.0	18.5	19.9
47.5°	6.6	7.9	9.3	10.6	12.0	13.3	14.7	16.2	17.6	19.1	20.7
50°	6.7	8.1	9.5	10.9	12.4	13.7	15.1	16.6	18.2	19.7	21.2
52.5°	6.9	8.4	9.8	11.2	12.6	14.1	15.6	17.0	18.6	20.4	22.0
55°	7.1	8.6	10.1	11.5	12.9	14.4	16.0	17.5	19.1	20.7	22.7
57.5°	7.2	8.8	10.2	11.8	13.3	14.8	16.4	18.0	19.6	21.3	23.1
60°	6.9	8.5	10.1	11.8	13.5	15.2	16.8	18.5	20.2	21.9	24.1
62.5°	6.9	8.2	9.8	11.6	13.5	15.3	17.3	19.0	20.8	22.9	25.3
65°	6.3	7.8	9.4	11.2	13.2	15.3	17.4	19.3	21.3	23.6	26.3
67.5°	5.6	7.1	8.8	10.6	12.8	15.1	17.1	19.2	21.5	24.0	27.0
70°	5.1	6.5	8.2	10.1	12.0	14.3	16.6	18.9	21.4	24.2	27.4
72.5°	4.7	5.9	7.6	9.5	11.4	13.4	16.0	18.6	21.3	24.2	27.7
75°	4.2	5.5	6.9	8.8	10.9	13.0	15.3	18.2	21.1	24.2	27.9
77.5°	3.3	4.8	6.3	8.2	10.4	12.8	14.8	17.8	21.0	24.2	28.2
80°	2.5	3.8	5.6	7.6	10.0	12.6	14.6	17.3	20.7	24.4	28.6
82.5°	1.6	3.1	4.9	7.0	9.3	11.6	14.0	16.8	20.5	24.5	29.1
85°	0.7	2.7	4.6	6.5	8.7	10.9	13.4	16.4	20.4	24.8	29.7
87.5°	0.2	2.8	4.7	6.2	8.3	10.4	12.9	16.3	20.4	25.2	30.5
90°	0.0	3.2	5.1	6.3	8.2	10.1	12.6	16.4	20.8	25.9	31.6
92.5°	0.2	2.8	4.7	6.2	8.3	10.4	12.9	16.3	20.4	25.2	30.5
95°	0.7	2.7	4.6	6.5	8.7	10.9	13.4	16.4	20.4	24.8	29.7
97.5°	1.6	3.1	4.9	7.0	9.3	11.6	14.0	16.8	20.5	24.5	29.1
100°	2.5	3.8	5.6	7.6	10.0	12.6	14.6	17.3	20.7	24.4	28.6
102.5°	3.3	4.8	6.3	8.2	10.4	12.8	14.8	17.8	21.0	24.2	28.2
105°	4.2	5.5	6.9	8.8	10.9	13.0	15.3	18.2	21.1	24.2	27.9
107.5°	4.7	5.9	7.6	9.5	11.4	13.4	16.0	18.6	21.3	24.2	27.7
110°	5.1	6.5	8.2	10.1	12.0	14.3	16.6	18.9	21.4	24.2	27.4



TEST NUMBER: P232041

CATALOG NUMBER: FVS4WM-3-LD4-35-1LO-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°	5.6	7.1	8.8	10.6	12.8	15.1	17.1	19.2	21.5	24.0	27.0
115°	6.3	7.8	9.4	11.2	13.2	15.3	17.4	19.3	21.3	23.6	26.3
117.5°	6.9	8.2	9.8	11.6	13.5	15.3	17.3	19.0	20.8	22.9	25.3
120°	6.9	8.5	10.1	11.8	13.5	15.2	16.8	18.5	20.2	21.9	24.1
122.5°	7.2	8.8	10.2	11.8	13.3	14.8	16.4	18.0	19.6	21.3	23.1
125°	7.1	8.6	10.1	11.5	12.9	14.4	16.0	17.5	19.1	20.7	22.7
127.5°	6.9	8.4	9.8	11.2	12.6	14.1	15.6	17.0	18.6	20.4	22.0
130°	6.7	8.1	9.5	10.9	12.4	13.7	15.1	16.6	18.2	19.7	21.2
132.5°	6.6	7.9	9.3	10.6	12.0	13.3	14.7	16.2	17.6	19.1	20.7
135°	6.4	7.6	8.9	10.2	11.6	12.9	14.2	15.6	17.0	18.5	19.9
137.5°	6.1	7.4	8.6	9.9	11.2	12.4	13.7	15.0	16.4	17.7	19.0
140°	5.9	7.1	8.3	9.5	10.7	11.9	13.1	14.4	15.6	17.0	18.5
142.5°	5.7	6.8	8.0	9.1	10.2	11.4	12.5	13.9	15.3	16.7	17.8
145°	5.4	6.5	7.6	8.7	9.8	11.1	12.3	13.6	14.7	15.8	17.0
147.5°	5.2	6.3	7.4	8.5	9.7	10.7	11.8	12.8	13.9	15.0	16.0
150°	5.1	6.1	7.1	8.1	9.1	10.1	11.1	12.1	13.1	13.9	14.7
152.5°	4.7	5.7	6.6	7.6	8.5	9.4	10.3	11.1	11.9	12.7	13.6
155°	4.4	5.2	6.1	6.9	7.7	8.5	9.3	10.1	10.9	11.7	12.5
157.5°	3.9	4.7	5.5	6.3	7.0	7.8	8.5	9.3	10.0	10.8	11.5
160°	3.6	4.3	5.0	5.7	6.4	7.1	7.7	8.4	9.0	9.6	10.2
162.5°	3.2	3.8	4.4	5.0	5.6	6.2	6.7	7.3	7.8	8.3	8.8
165°	2.7	3.2	3.7	4.3	4.8	5.3	5.7	6.2	6.7	7.1	7.6
167.5°	2.2	2.7	3.1	3.6	4.0	4.4	4.8	5.3	5.7	6.1	6.5
170°	1.8	2.2	2.5	2.9	3.2	3.6	3.9	4.2	4.5	4.9	5.1
172.5°	1.4	1.6	1.9	2.2	2.4	2.7	2.9	3.2	3.4	3.6	3.8
175°	0.9	1.1	1.3	1.4	1.6	1.8	1.9	2.1	2.3	2.4	2.6
177.5°	0.5	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.1	1.2	1.3
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: P232041

CATALOG NUMBER: FVS4WM-3-LD4-35-1LO-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°	1.4	1.4	1.5	1.6	1.6	1.7	1.7	1.8	1.9	1.9	1.9
5°	2.7	2.8	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8
7.5°	4.1	4.3	4.5	4.7	4.8	5.0	5.2	5.3	5.5	5.6	5.7
10°	5.4	5.7	6.0	6.2	6.5	6.7	6.9	7.1	7.3	7.5	7.6
12.5°	6.8	7.2	7.5	7.8	8.1	8.4	8.6	8.9	9.1	9.3	9.5
15°	8.1	8.5	8.9	9.4	9.7	10.1	10.4	10.7	11.0	11.2	11.5
17.5°	9.3	9.8	10.3	10.8	11.2	11.7	12.2	12.5	12.8	13.1	13.4
20°	10.7	11.2	11.7	12.2	12.7	13.2	13.7	14.2	14.7	15.0	15.3
22.5°	12.1	12.7	13.3	13.8	14.3	14.8	15.2	15.8	16.4	16.9	17.3
25°	13.3	14.1	14.8	15.4	16.0	16.5	17.0	17.5	18.0	18.6	19.8
27.5°	14.4	15.3	16.1	16.9	17.7	18.3	19.3	20.5	21.8	23.2	25.0
30°	15.5	16.4	17.3	18.4	19.7	21.1	22.5	24.0	25.6	27.4	29.4
32.5°	16.9	17.8	18.8	20.1	21.6	23.2	24.9	26.8	28.7	30.9	33.4
35°	18.1	19.4	20.5	21.6	23.1	24.8	26.7	28.9	31.3	33.8	36.8
37.5°	19.0	20.3	21.7	23.1	24.4	26.1	28.2	30.6	33.3	36.3	39.6
40°	19.9	21.2	22.6	24.2	25.8	27.4	29.4	31.8	34.9	38.3	42.0
42.5°	20.6	22.1	23.5	25.0	26.8	28.6	30.6	33.1	36.1	39.9	44.1
45°	21.3	22.8	24.4	26.0	27.7	29.6	31.8	34.1	37.3	41.2	45.7
47.5°	22.2	23.7	25.3	26.8	28.6	30.6	32.8	35.3	38.4	42.2	47.2
50°	23.0	24.7	26.3	27.9	29.5	31.4	33.8	36.6	40.4	44.7	49.5
52.5°	23.6	25.5	27.3	29.0	30.6	33.6	37.1	40.9	44.7	48.6	52.4
55°	24.4	26.2	28.5	31.5	34.5	37.8	41.5	45.4	49.3	52.9	56.1
57.5°	25.4	28.0	31.1	34.7	38.2	41.9	45.8	49.8	53.9	57.6	60.4
60°	26.9	30.1	33.4	37.4	41.5	45.7	50.0	54.3	58.6	62.5	65.2
62.5°	28.2	31.7	35.5	39.7	44.5	49.2	54.0	58.7	63.3	67.4	70.4
65°	29.4	33.0	37.2	41.8	47.1	52.4	57.8	63.0	68.0	72.5	75.9
67.5°	30.3	34.1	38.7	43.7	49.4	55.5	61.4	67.3	72.7	77.6	81.1
70°	31.1	35.2	40.0	45.5	51.6	58.4	64.9	71.5	77.3	82.2	85.0
72.5°	31.8	36.2	41.2	47.1	53.6	60.6	67.0	73.1	78.2	82.2	84.6
75°	32.3	37.1	42.4	48.4	54.8	61.5	67.9	73.9	78.9	82.5	84.5
77.5°	32.9	38.0	43.6	49.7	56.2	62.8	69.1	74.9	79.9	83.1	84.6
80°	33.6	39.0	44.8	51.2	57.9	64.3	70.5	76.2	81.0	83.9	84.9
82.5°	34.3	40.1	46.2	52.9	59.8	66.2	72.2	77.8	82.4	84.9	85.2
85°	35.3	41.5	47.8	54.8	62.0	68.4	74.0	79.5	83.9	86.0	85.6
87.5°	36.4	43.0	49.7	57.0	64.4	70.7	76.1	81.4	85.5	87.2	86.1
90°	37.9	44.8	51.8	59.4	67.0	73.3	78.3	83.4	87.2	88.4	86.5
92.5°	36.4	43.0	49.7	57.0	64.4	70.7	76.1	81.4	85.5	87.2	86.1
95°	35.3	41.5	47.8	54.8	62.0	68.4	74.0	79.5	83.9	86.0	85.6
97.5°	34.3	40.1	46.2	52.9	59.8	66.2	72.2	77.8	82.4	84.9	85.2
100°	33.6	39.0	44.8	51.2	57.9	64.3	70.5	76.2	81.0	83.9	84.9
102.5°	32.9	38.0	43.6	49.7	56.2	62.8	69.1	74.9	79.9	83.1	84.6
105°	32.3	37.1	42.4	48.4	54.8	61.5	67.9	73.9	78.9	82.5	84.5
107.5°	31.8	36.2	41.2	47.1	53.6	60.6	67.0	73.1	78.2	82.2	84.6
110°	31.1	35.2	40.0	45.5	51.6	58.4	64.9	71.5	77.3	82.2	85.0



TEST NUMBER: P232041

CATALOG NUMBER: FVS4WM-3-LD4-35-1LO-PA187-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	30.3	34.1	38.7	43.7	49.4	55.5	61.4	67.3	72.7	77.6	81.1
115°	29.4	33.0	37.2	41.8	47.1	52.4	57.8	63.0	68.0	72.5	75.9
117.5°	28.2	31.7	35.5	39.7	44.5	49.2	54.0	58.7	63.3	67.4	70.4
120°	26.9	30.1	33.4	37.4	41.5	45.7	50.0	54.3	58.6	62.5	65.2
122.5°	25.4	28.0	31.1	34.7	38.2	41.9	45.8	49.8	53.9	57.6	60.4
125°	24.4	26.2	28.5	31.5	34.5	37.8	41.5	45.4	49.3	52.9	56.1
127.5°	23.6	25.5	27.3	29.0	30.6	33.6	37.1	40.9	44.7	48.6	52.4
130°	23.0	24.7	26.3	27.9	29.5	31.4	33.8	36.6	40.4	44.7	49.5
132.5°	22.2	23.7	25.3	26.8	28.6	30.6	32.8	35.3	38.4	42.2	47.2
135°	21.3	22.8	24.4	26.0	27.7	29.6	31.8	34.1	37.3	41.2	45.7
137.5°	20.6	22.1	23.5	25.0	26.8	28.6	30.6	33.1	36.1	39.9	44.1
140°	19.9	21.2	22.6	24.2	25.8	27.4	29.4	31.8	34.9	38.3	42.0
142.5°	19.0	20.3	21.7	23.1	24.4	26.1	28.2	30.6	33.3	36.3	39.6
145°	18.1	19.4	20.5	21.6	23.1	24.8	26.7	28.9	31.3	33.8	36.8
147.5°	16.9	17.8	18.8	20.1	21.6	23.2	24.9	26.8	28.7	30.9	33.4
150°	15.5	16.4	17.3	18.4	19.7	21.1	22.5	24.0	25.6	27.4	29.4
152.5°	14.4	15.3	16.1	16.9	17.7	18.3	19.3	20.5	21.8	23.2	25.0
155°	13.3	14.1	14.8	15.4	16.0	16.5	17.0	17.5	18.0	18.6	19.8
157.5°	12.1	12.7	13.3	13.8	14.3	14.8	15.2	15.8	16.4	16.9	17.3
160°	10.7	11.2	11.7	12.2	12.7	13.2	13.7	14.2	14.7	15.0	15.3
162.5°	9.3	9.8	10.3	10.8	11.2	11.7	12.2	12.5	12.8	13.1	13.4
165°	8.1	8.5	8.9	9.4	9.7	10.1	10.4	10.7	11.0	11.2	11.5
167.5°	6.8	7.2	7.5	7.8	8.1	8.4	8.6	8.9	9.1	9.3	9.5
170°	5.4	5.7	6.0	6.2	6.5	6.7	6.9	7.1	7.3	7.5	7.6
172.5°	4.1	4.3	4.5	4.7	4.8	5.0	5.2	5.3	5.5	5.6	5.7
175°	2.7	2.8	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8
177.5°	1.4	1.4	1.5	1.6	1.6	1.7	1.7	1.8	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: P232041

CATALOG NUMBER: FVS4WM-3-LD4-35-1LO-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°	2.0	2.0	2.1	2.1	2.1	2.1	2.1	2.2	2.2	2.2	2.4
5°	3.9	4.0	4.1	4.1	4.2	4.2	4.3	4.3	4.3	4.4	4.9
7.5°	5.8	5.9	6.0	6.1	6.2	6.3	6.4	6.4	6.5	6.5	7.3
10°	7.8	7.9	8.0	8.1	8.2	8.4	8.5	8.6	8.6	8.7	9.8
12.5°	9.7	9.9	10.0	10.2	10.3	10.4	10.5	10.7	10.8	10.9	12.2
15°	11.7	11.9	12.0	12.2	12.3	12.4	12.6	12.8	12.9	13.1	14.6
17.5°	13.6	13.9	14.1	14.2	14.4	14.5	14.6	14.9	15.1	15.2	17.0
20°	15.6	15.9	16.1	16.3	16.4	16.6	16.7	16.9	17.2	17.4	19.4
22.5°	17.6	17.9	18.1	18.3	18.5	18.6	18.8	19.0	19.3	19.6	21.8
25°	21.0	22.1	23.0	23.8	24.5	25.0	25.3	25.6	26.0	26.2	28.4
27.5°	26.8	28.3	29.7	30.7	31.5	32.0	32.3	32.4	32.7	32.8	35.0
30°	31.8	34.1	35.9	37.6	38.4	39.1	39.3	39.3	39.4	39.4	41.7
32.5°	36.1	39.2	41.8	44.0	45.3	46.1	46.3	46.2	46.2	46.0	48.2
35°	39.9	43.6	47.4	50.1	52.3	53.1	53.4	53.2	52.9	52.6	54.8
37.5°	43.4	47.5	52.1	55.9	59.2	60.1	60.5	60.1	59.7	59.2	61.3
40°	46.3	51.0	56.4	61.5	65.2	67.0	67.7	67.2	66.5	65.8	67.8
42.5°	48.7	54.2	60.2	67.0	71.2	74.0	74.9	74.2	73.4	72.4	74.3
45°	51.0	57.0	63.7	71.2	77.0	81.0	81.9	81.3	80.2	79.0	80.7
47.5°	52.9	59.0	65.5	72.5	78.6	83.2	84.3	84.8	85.3	86.0	89.8
50°	54.6	59.9	65.8	72.3	78.7	83.9	86.0	88.0	90.3	93.0	99.0
52.5°	56.8	61.6	66.7	72.4	78.8	84.3	87.6	90.9	95.1	100.0	108.5
55°	59.8	63.7	68.0	72.8	78.8	84.7	89.0	93.6	99.8	107.0	118.0
57.5°	63.3	66.4	69.7	73.7	79.1	85.2	90.4	96.1	104.3	114.1	127.6
60°	67.2	69.5	72.0	75.0	79.6	85.6	91.6	98.4	108.8	121.1	137.4
62.5°	71.5	73.0	74.6	76.7	80.4	86.0	92.7	100.5	113.1	128.1	147.2
65°	76.3	76.9	77.5	78.7	81.3	86.5	93.8	102.5	117.4	135.1	157.2
67.5°	81.4	81.1	80.8	80.9	82.4	87.0	94.7	104.4	121.6	142.1	167.2
70°	84.6	83.0	81.7	80.9	81.9	86.0	93.9	103.3	120.4	140.8	166.3
72.5°	84.5	82.6	81.0	80.1	81.0	84.9	93.0	102.2	119.2	139.6	165.2
75°	84.3	82.2	80.4	79.3	80.2	83.7	92.1	101.2	118.0	138.3	165.1
77.5°	84.1	81.8	79.8	78.4	79.4	82.7	91.2	100.2	116.9	137.0	163.7
80°	83.9	81.4	79.1	77.5	78.6	81.7	90.4	99.4	115.8	135.8	162.2
82.5°	83.6	81.0	78.5	76.6	77.9	80.7	89.7	98.6	114.7	134.5	160.8
85°	83.4	80.6	77.8	75.7	77.1	79.9	89.0	97.9	113.7	133.2	159.4
87.5°	83.1	80.1	77.1	74.8	76.5	79.0	88.4	97.2	112.7	132.0	158.0
90°	82.7	79.6	76.4	73.9	75.8	78.3	87.8	96.6	111.8	130.7	156.6
92.5°	83.1	80.1	77.1	74.8	76.5	79.0	88.4	97.2	112.7	132.0	158.0
95°	83.4	80.6	77.8	75.7	77.1	79.9	89.0	97.9	113.7	133.2	159.4
97.5°	83.6	81.0	78.5	76.6	77.9	80.7	89.7	98.6	114.7	134.5	160.8
100°	83.9	81.4	79.1	77.5	78.6	81.7	90.4	99.4	115.8	135.8	162.2
102.5°	84.1	81.8	79.8	78.4	79.4	82.7	91.2	100.2	116.9	137.0	163.7
105°	84.3	82.2	80.4	79.3	80.2	83.7	92.1	101.2	118.0	138.3	165.1
107.5°	84.5	82.6	81.0	80.1	81.0	84.9	93.0	102.2	119.2	139.6	165.2
110°	84.6	83.0	81.7	80.9	81.9	86.0	93.9	103.3	120.4	140.8	166.3





TEST NUMBER: P232041

CATALOG NUMBER: FVS4WM-3-LD4-35-1LO-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°	81.4	81.1	80.8	80.9	82.4	87.0	94.7	104.4	121.6	142.1	167.2
115°	76.3	76.9	77.5	78.7	81.3	86.5	93.8	102.5	117.4	135.1	157.2
117.5°	71.5	73.0	74.6	76.7	80.4	86.0	92.7	100.5	113.1	128.1	147.2
120°	67.2	69.5	72.0	75.0	79.6	85.6	91.6	98.4	108.8	121.1	137.4
122.5°	63.3	66.4	69.7	73.7	79.1	85.2	90.4	96.1	104.3	114.1	127.6
125°	59.8	63.7	68.0	72.8	78.8	84.7	89.0	93.6	99.8	107.0	118.0
127.5°	56.8	61.6	66.7	72.4	78.8	84.3	87.6	90.9	95.1	100.0	108.5
130°	54.6	59.9	65.8	72.3	78.7	83.9	86.0	88.0	90.3	93.0	99.0
132.5°	52.9	59.0	65.5	72.5	78.6	83.2	84.3	84.8	85.3	86.0	89.8
135°	51.0	57.0	63.7	71.2	77.0	81.0	81.9	81.3	80.2	79.0	80.7
137.5°	48.7	54.2	60.2	67.0	71.2	74.0	74.9	74.2	73.4	72.4	74.3
140°	46.3	51.0	56.4	61.5	65.2	67.0	67.7	67.2	66.5	65.8	67.8
142.5°	43.4	47.5	52.1	55.9	59.2	60.1	60.5	60.1	59.7	59.2	61.3
145°	39.9	43.6	47.4	50.1	52.3	53.1	53.4	53.2	52.9	52.6	54.8
147.5°	36.1	39.2	41.8	44.0	45.3	46.1	46.3	46.2	46.2	46.0	48.2
150°	31.8	34.1	35.9	37.6	38.4	39.1	39.3	39.3	39.4	39.4	41.7
152.5°	26.8	28.3	29.7	30.7	31.5	32.0	32.3	32.4	32.7	32.8	35.0
155°	21.0	22.1	23.0	23.8	24.5	25.0	25.3	25.6	26.0	26.2	28.4
157.5°	17.6	17.9	18.1	18.3	18.5	18.6	18.8	19.0	19.3	19.6	21.8
160°	15.6	15.9	16.1	16.3	16.4	16.6	16.7	16.9	17.2	17.4	19.4
162.5°	13.6	13.9	14.1	14.2	14.4	14.5	14.6	14.9	15.1	15.2	17.0
165°	11.7	11.9	12.0	12.2	12.3	12.4	12.6	12.8	12.9	13.1	14.6
167.5°	9.7	9.9	10.0	10.2	10.3	10.4	10.5	10.7	10.8	10.9	12.2
170°	7.8	7.9	8.0	8.1	8.2	8.4	8.5	8.6	8.6	8.7	9.8
172.5°	5.8	5.9	6.0	6.1	6.2	6.3	6.4	6.4	6.5	6.5	7.3
175°	3.9	4.0	4.1	4.1	4.2	4.2	4.3	4.3	4.3	4.4	4.9
177.5°	2.0	2.0	2.1	2.1	2.1	2.1	2.1	2.2	2.2	2.2	2.4
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: P232041

CATALOG NUMBER: FVS4WM-3-LD4-35-1LO-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°	2.7	3.0	3.2	3.5	3.7	4.0	4.2	4.4	4.6	4.8	5.0
5°	5.4	5.9	6.4	6.9	7.4	7.9	8.3	8.7	9.2	9.6	10.0
7.5°	8.1	8.9	9.6	10.3	11.0	11.7	12.5	13.5	14.5	15.5	16.4
10°	10.8	11.8	12.8	13.7	14.7	16.2	17.6	18.9	20.3	21.6	22.9
12.5°	13.4	14.7	15.9	17.3	19.1	20.9	22.6	24.3	26.0	27.6	29.2
15°	16.1	17.5	19.1	21.3	23.4	25.5	27.6	29.6	31.6	33.5	35.7
17.5°	18.7	20.4	22.6	25.2	27.7	30.1	32.4	34.7	37.0	39.2	41.3
20°	21.3	23.3	26.2	29.0	31.8	34.5	37.1	39.6	42.1	44.5	46.9
22.5°	23.9	26.4	29.7	32.8	35.8	38.7	41.5	44.3	47.0	49.6	51.9
25°	30.5	33.3	36.5	39.6	42.3	45.0	47.5	49.9	52.2	54.0	56.4
27.5°	37.2	40.4	43.7	46.8	49.8	52.5	55.1	57.6	59.5	61.4	63.2
30°	43.8	47.4	50.9	54.0	57.2	59.8	62.5	64.7	66.7	68.5	70.3
32.5°	50.6	54.3	57.8	61.0	64.1	66.9	69.4	71.5	73.4	75.3	77.5
35°	57.3	61.0	64.6	67.9	70.9	73.9	75.9	78.0	79.9	81.9	84.5
37.5°	64.0	67.7	71.3	74.6	77.5	80.1	82.3	84.2	86.2	88.5	91.4
40°	70.6	74.3	77.9	81.1	83.9	86.3	88.4	90.1	92.1	94.5	98.8
42.5°	77.1	80.9	84.4	87.5	90.2	92.3	94.1	95.8	97.8	101.0	105.6
45°	83.6	87.3	90.8	93.7	96.1	98.1	99.7	101.3	103.0	107.3	112.5
47.5°	94.9	100.3	104.5	106.3	107.2	107.7	107.6	107.2	108.8	113.2	119.2
50°	106.8	114.3	119.8	121.2	121.7	121.8	121.9	121.4	122.6	125.1	128.8
52.5°	119.0	128.6	134.9	136.1	135.9	136.0	136.0	135.7	137.2	140.4	144.6
55°	131.6	143.2	149.9	150.7	149.8	150.3	150.1	150.3	151.9	155.4	159.3
57.5°	144.3	158.0	164.7	165.0	163.7	164.5	164.1	164.6	166.6	169.9	173.3
60°	157.3	173.0	179.5	179.1	177.8	178.7	178.1	178.7	181.0	183.6	186.2
62.5°	170.5	188.1	194.3	193.2	191.9	192.7	192.1	192.5	195.1	196.7	198.4
65°	183.8	203.4	208.9	207.0	206.0	206.7	206.1	206.5	208.8	209.0	209.7
67.5°	197.3	218.8	223.5	220.8	220.2	220.6	219.9	220.3	221.6	220.8	220.3
70°	197.5	221.3	228.7	228.6	229.1	229.7	229.7	230.9	232.1	231.4	230.2
72.5°	197.2	222.8	233.0	235.2	235.9	235.9	235.5	236.0	235.7	234.2	233.4
75°	196.7	224.3	237.7	242.2	242.5	242.0	241.2	240.8	239.1	236.8	235.8
77.5°	196.1	225.8	242.6	249.4	249.0	248.1	246.8	245.3	242.3	239.1	238.4
80°	196.5	227.2	247.8	256.8	255.3	254.2	252.3	249.6	245.4	241.3	240.9
82.5°	195.2	229.5	253.9	264.3	261.6	260.3	257.7	253.7	248.4	243.5	243.5
85°	193.9	230.3	258.7	272.1	267.8	266.3	263.1	257.6	251.5	245.6	246.2
87.5°	192.7	231.0	263.6	279.5	274.1	272.4	268.6	261.7	254.5	247.7	248.8
90°	191.4	231.8	268.4	286.8	280.4	278.5	274.1	265.9	257.7	250.1	251.4
92.5°	192.7	231.0	263.6	279.5	274.1	272.4	268.6	261.7	254.5	247.7	248.8
95°	193.9	230.3	258.7	272.1	267.8	266.3	263.1	257.6	251.5	245.6	246.2
97.5°	195.2	229.5	253.9	264.3	261.6	260.3	257.7	253.7	248.4	243.5	243.5
100°	196.5	227.2	247.8	256.8	255.3	254.2	252.3	249.6	245.4	241.3	240.9
102.5°	196.1	225.8	242.6	249.4	249.0	248.1	246.8	245.3	242.3	239.1	238.4
105°	196.7	224.3	237.7	242.2	242.5	242.0	241.2	240.8	239.1	236.8	235.8
107.5°	197.2	222.8	233.0	235.2	235.9	235.9	235.5	236.0	235.7	234.2	233.4
110°	197.5	221.3	228.7	228.6	229.1	229.7	229.7	230.9	232.1	231.4	230.2



TEST NUMBER: P232041

CATALOG NUMBER: FVS4WM-3-LD4-35-1LO-PA187-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	197.3	218.8	223.5	220.8	220.2	220.6	219.9	220.3	221.6	220.8	220.3
115°	183.8	203.4	208.9	207.0	206.0	206.7	206.1	206.5	208.8	209.0	209.7
117.5°	170.5	188.1	194.3	193.2	191.9	192.7	192.1	192.5	195.1	196.7	198.4
120°	157.3	173.0	179.5	179.1	177.8	178.7	178.1	178.7	181.0	183.6	186.2
122.5°	144.3	158.0	164.7	165.0	163.7	164.5	164.1	164.6	166.6	169.9	173.3
125°	131.6	143.2	149.9	150.7	149.8	150.3	150.1	150.3	151.9	155.4	159.3
127.5°	119.0	128.6	134.9	136.1	135.9	136.0	136.0	135.7	137.2	140.4	144.6
130°	106.8	114.3	119.8	121.2	121.7	121.8	121.9	121.4	122.6	125.1	128.8
132.5°	94.9	100.3	104.5	106.3	107.2	107.7	107.6	107.2	108.8	113.2	119.2
135°	83.6	87.3	90.8	93.7	96.1	98.1	99.7	101.3	103.0	107.3	112.5
137.5°	77.1	80.9	84.4	87.5	90.2	92.3	94.1	95.8	97.8	101.0	105.6
140°	70.6	74.3	77.9	81.1	83.9	86.3	88.4	90.1	92.1	94.5	98.8
142.5°	64.0	67.7	71.3	74.6	77.5	80.1	82.3	84.2	86.2	88.5	91.4
145°	57.3	61.0	64.6	67.9	70.9	73.9	75.9	78.0	79.9	81.9	84.5
147.5°	50.6	54.3	57.8	61.0	64.1	66.9	69.4	71.5	73.4	75.3	77.5
150°	43.8	47.4	50.9	54.0	57.2	59.8	62.5	64.7	66.7	68.5	70.3
152.5°	37.2	40.4	43.7	46.8	49.8	52.5	55.1	57.6	59.5	61.4	63.2
155°	30.5	33.3	36.5	39.6	42.3	45.0	47.5	49.9	52.2	54.0	56.4
157.5°	23.9	26.4	29.7	32.8	35.8	38.7	41.5	44.3	47.0	49.6	51.9
160°	21.3	23.3	26.2	29.0	31.8	34.5	37.1	39.6	42.1	44.5	46.9
162.5°	18.7	20.4	22.6	25.2	27.7	30.1	32.4	34.7	37.0	39.2	41.3
165°	16.1	17.5	19.1	21.3	23.4	25.5	27.6	29.6	31.6	33.5	35.7
167.5°	13.4	14.7	15.9	17.3	19.1	20.9	22.6	24.3	26.0	27.6	29.2
170°	10.8	11.8	12.8	13.7	14.7	16.2	17.6	18.9	20.3	21.6	22.9
172.5°	8.1	8.9	9.6	10.3	11.0	11.7	12.5	13.5	14.5	15.5	16.4
175°	5.4	5.9	6.4	6.9	7.4	7.9	8.3	8.7	9.2	9.6	10.0
177.5°	2.7	3.0	3.2	3.5	3.7	4.0	4.2	4.4	4.6	4.8	5.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232041

CATALOG NUMBER: FVS4WM-3-LD4-35-1LO-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°	5.2	5.4	5.5	5.7	5.8	6.0	6.1	6.2	6.3	6.4	6.5
5°	10.6	11.1	11.7	12.2	12.7	13.2	13.6	14.0	14.4	14.7	15.0
7.5°	17.3	18.2	19.0	19.8	20.5	21.3	22.1	22.7	23.4	24.0	24.5
10°	24.1	25.3	26.5	27.6	28.7	29.7	30.7	31.6	32.4	33.2	33.9
12.5°	30.8	32.3	33.8	35.1	36.4	37.6	38.8	39.9	40.9	41.9	42.9
15°	37.2	39.0	40.6	42.2	43.8	45.3	46.7	48.1	49.4	50.7	52.0
17.5°	43.3	45.5	47.2	49.0	50.8	52.5	54.3	56.2	58.1	59.9	61.6
20°	49.0	51.1	53.2	55.3	57.5	59.7	61.9	64.0	65.9	67.7	69.4
22.5°	54.2	56.5	58.9	61.3	63.8	66.3	68.7	71.0	73.1	75.1	76.8
25°	58.9	61.3	64.2	66.9	69.9	72.8	76.0	78.9	81.4	83.6	85.5
27.5°	64.8	66.8	69.4	72.9	77.2	81.4	85.6	88.5	91.4	93.8	96.0
30°	72.5	75.2	78.2	82.6	87.0	91.5	95.7	99.4	103.0	106.0	108.8
32.5°	80.2	83.6	88.3	93.0	97.8	102.5	107.6	112.3	116.2	119.3	122.0
35°	88.0	92.8	97.8	103.0	108.3	114.0	119.5	124.3	128.8	133.1	137.1
37.5°	96.2	101.3	106.9	112.8	119.1	125.0	130.5	136.0	141.7	147.7	153.4
40°	103.8	109.7	115.9	122.7	129.3	135.5	142.1	148.7	155.6	162.8	170.3
42.5°	111.5	117.8	125.1	132.3	139.2	146.8	154.3	162.1	170.6	179.2	188.7
45°	118.8	126.3	134.0	141.6	149.9	158.4	166.7	175.4	185.2	196.0	208.4
47.5°	126.3	134.3	142.7	151.5	160.8	169.5	178.6	188.7	200.6	213.8	231.3
50°	134.2	142.4	151.5	161.7	170.9	180.0	190.0	202.3	216.6	235.9	257.0
52.5°	149.5	155.5	163.1	171.0	180.5	189.8	201.6	216.1	236.1	259.0	284.9
55°	164.0	169.7	177.5	183.7	190.9	199.4	212.8	232.6	256.0	283.2	316.3
57.5°	177.3	182.8	189.0	195.3	202.6	213.5	228.9	249.1	276.6	310.9	348.3
60°	189.6	194.5	199.8	206.2	214.8	227.1	246.1	271.1	301.7	337.9	380.1
62.5°	201.0	204.9	209.6	216.0	226.2	242.2	264.3	292.3	328.0	368.3	415.2
65°	211.3	214.4	219.1	226.1	237.3	255.4	281.7	314.7	353.7	398.5	452.7
67.5°	220.6	223.1	227.7	235.6	249.1	270.0	298.5	333.8	377.0	429.7	487.3
70°	229.3	231.2	235.5	244.1	259.3	283.3	314.5	353.4	400.8	456.6	518.3
72.5°	234.2	237.6	243.2	252.5	268.5	296.0	327.6	370.1	422.1	479.3	543.3
75°	237.8	242.7	249.9	261.4	280.1	307.3	341.0	384.9	439.0	496.4	564.6
77.5°	241.7	247.8	256.4	269.7	290.6	319.5	356.4	402.3	454.9	513.0	580.9
80°	245.6	253.0	262.8	277.5	299.9	330.4	369.3	416.1	468.2	529.6	599.7
82.5°	249.5	258.3	268.9	284.7	307.9	339.9	379.8	426.3	477.5	541.9	613.2
85°	253.5	263.4	274.8	291.3	314.8	347.9	388.0	433.1	483.1	549.9	621.4
87.5°	257.4	268.4	280.5	297.6	321.0	355.1	394.9	438.2	486.7	555.6	626.8
90°	260.9	272.9	285.5	302.6	325.3	359.4	397.9	438.4	484.5	552.7	622.2
92.5°	257.4	268.4	280.5	297.6	321.0	355.1	394.9	438.2	486.7	555.6	626.8
95°	253.5	263.4	274.8	291.3	314.8	347.9	388.0	433.1	483.1	549.9	621.4
97.5°	249.5	258.3	268.9	284.7	307.9	339.9	379.8	426.3	477.5	541.9	613.2
100°	245.6	253.0	262.8	277.5	299.9	330.4	369.3	416.1	468.2	529.6	599.7
102.5°	241.7	247.8	256.4	269.7	290.6	319.5	356.4	402.3	454.9	513.0	580.9
105°	237.8	242.7	249.9	261.4	280.1	307.3	341.0	384.9	439.0	496.4	564.6
107.5°	234.2	237.6	243.2	252.5	268.5	296.0	327.6	370.1	422.1	479.3	543.3
110°	229.3	231.2	235.5	244.1	259.3	283.3	314.5	353.4	400.8	456.6	518.3



TEST NUMBER: P232041

CATALOG NUMBER: FVS4WM-3-LD4-35-1LO-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°	220.6	223.1	227.7	235.6	249.1	270.0	298.5	333.8	377.0	429.7	487.3
115°	211.3	214.4	219.1	226.1	237.3	255.4	281.7	314.7	353.7	398.5	452.7
117.5°	201.0	204.9	209.6	216.0	226.2	242.2	264.3	292.3	328.0	368.3	415.2
120°	189.6	194.5	199.8	206.2	214.8	227.1	246.1	271.1	301.7	337.9	380.1
122.5°	177.3	182.8	189.0	195.3	202.6	213.5	228.9	249.1	276.6	310.9	348.3
125°	164.0	169.7	177.5	183.7	190.9	199.4	212.8	232.6	256.0	283.2	316.3
127.5°	149.5	155.5	163.1	171.0	180.5	189.8	201.6	216.1	236.1	259.0	284.9
130°	134.2	142.4	151.5	161.7	170.9	180.0	190.0	202.3	216.6	235.9	257.0
132.5°	126.3	134.3	142.7	151.5	160.8	169.5	178.6	188.7	200.6	213.8	231.3
135°	118.8	126.3	134.0	141.6	149.9	158.4	166.7	175.4	185.2	196.0	208.4
137.5°	111.5	117.8	125.1	132.3	139.2	146.8	154.3	162.1	170.6	179.2	188.7
140°	103.8	109.7	115.9	122.7	129.3	135.5	142.1	148.7	155.6	162.8	170.3
142.5°	96.2	101.3	106.9	112.8	119.1	125.0	130.5	136.0	141.7	147.7	153.4
145°	88.0	92.8	97.8	103.0	108.3	114.0	119.5	124.3	128.8	133.1	137.1
147.5°	80.2	83.6	88.3	93.0	97.8	102.5	107.6	112.3	116.2	119.3	122.0
150°	72.5	75.2	78.2	82.6	87.0	91.5	95.7	99.4	103.0	106.0	108.8
152.5°	64.8	66.8	69.4	72.9	77.2	81.4	85.6	88.5	91.4	93.8	96.0
155°	58.9	61.3	64.2	66.9	69.9	72.8	76.0	78.9	81.4	83.6	85.5
157.5°	54.2	56.5	58.9	61.3	63.8	66.3	68.7	71.0	73.1	75.1	76.8
160°	49.0	51.1	53.2	55.3	57.5	59.7	61.9	64.0	65.9	67.7	69.4
162.5°	43.3	45.5	47.2	49.0	50.8	52.5	54.3	56.2	58.1	59.9	61.6
165°	37.2	39.0	40.6	42.2	43.8	45.3	46.7	48.1	49.4	50.7	52.0
167.5°	30.8	32.3	33.8	35.1	36.4	37.6	38.8	39.9	40.9	41.9	42.9
170°	24.1	25.3	26.5	27.6	28.7	29.7	30.7	31.6	32.4	33.2	33.9
172.5°	17.3	18.2	19.0	19.8	20.5	21.3	22.1	22.7	23.4	24.0	24.5
175°	10.6	11.1	11.7	12.2	12.7	13.2	13.6	14.0	14.4	14.7	15.0
177.5°	5.2	5.4	5.5	5.7	5.8	6.0	6.1	6.2	6.3	6.4	6.5
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232041

CATALOG NUMBER: FVS4WM-3-LD4-35-1LO-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°	6.5	6.6	6.6	6.6	6.6	6.6	6.8	6.8	6.7	6.6	6.5
5°	15.3	15.5	15.8	15.9	16.1	16.1	16.2	16.2	16.5	16.3	16.2
7.5°	25.0	25.4	25.8	26.1	26.4	26.6	26.8	26.9	26.9	27.2	27.0
10°	34.5	35.1	35.6	36.0	36.3	36.6	36.9	37.0	37.1	37.4	37.1
12.5°	43.8	44.6	45.3	46.0	46.6	47.1	47.5	47.9	48.1	48.2	48.5
15°	53.3	54.6	55.8	56.9	57.9	58.9	59.7	60.4	61.0	61.4	62.0
17.5°	63.2	64.5	65.6	66.6	67.4	68.2	68.8	69.3	69.7	70.0	70.4
20°	70.9	72.2	73.0	73.7	74.1	74.4	74.4	74.3	74.1	73.7	73.3
22.5°	78.1	79.1	80.0	80.6	81.0	81.1	81.0	80.7	80.1	79.4	78.7
25°	87.1	88.2	89.0	89.7	90.0	90.0	89.6	89.0	88.0	86.8	85.4
27.5°	97.9	99.3	100.1	100.9	101.6	102.0	102.0	101.7	101.1	100.1	98.9
30°	110.6	112.4	113.9	115.0	116.8	118.3	119.4	120.1	120.4	120.3	119.6
32.5°	124.7	127.8	130.6	133.2	136.3	139.7	142.6	145.2	147.1	148.5	149.2
35°	140.8	145.6	150.6	155.5	160.3	165.5	170.3	174.5	178.0	180.8	182.7
37.5°	159.3	165.6	172.9	180.0	186.7	194.2	201.5	208.1	213.9	218.8	222.7
40°	178.9	187.4	196.9	206.8	216.4	227.1	238.5	248.7	257.8	265.5	271.8
42.5°	199.6	210.7	223.2	238.6	253.4	267.8	282.9	296.8	309.4	320.3	329.3
45°	222.0	239.4	256.4	275.7	294.8	315.2	333.7	353.0	370.6	386.1	399.2
47.5°	250.4	271.7	293.4	316.3	342.1	367.1	392.7	417.5	440.0	459.9	476.8
50°	281.2	306.6	335.6	363.7	394.9	426.6	458.4	491.5	521.3	547.4	569.5
52.5°	315.1	347.0	381.7	416.7	455.9	496.8	536.7	575.8	608.6	635.5	656.5
55°	351.4	390.0	431.5	478.3	526.2	577.8	625.0	662.4	691.0	711.8	725.5
57.5°	389.1	436.5	487.5	544.3	605.1	658.4	711.1	741.1	759.4	771.9	779.2
60°	430.1	484.9	545.6	608.0	670.7	725.6	770.8	798.8	807.2	813.6	817.6
62.5°	470.3	532.2	598.2	665.6	724.8	775.5	808.4	831.2	840.1	846.5	850.4
65°	511.0	574.2	645.0	713.6	771.3	814.8	842.2	860.5	868.4	873.9	878.5
67.5°	549.7	617.4	689.9	760.5	817.3	853.4	873.8	883.2	890.0	897.8	903.3
70°	584.7	657.8	733.1	806.8	859.0	882.8	895.8	904.7	912.7	917.4	922.8
72.5°	614.8	690.8	768.8	836.7	882.0	903.5	913.3	922.0	928.5	932.4	938.4
75°	638.9	716.8	794.2	859.4	899.9	917.2	928.3	936.2	941.6	947.7	952.1
77.5°	656.0	735.2	817.1	879.9	914.6	931.0	940.1	945.0	953.6	960.2	965.5
80°	673.6	752.6	834.3	899.4	931.1	942.0	945.8	954.7	962.8	969.0	976.4
82.5°	688.5	770.5	851.3	910.2	938.0	946.1	951.6	961.5	969.1	982.1	985.9
85°	697.4	780.9	862.0	917.1	939.4	947.4	955.7	966.8	972.9	982.8	990.7
87.5°	703.2	783.8	865.8	920.7	940.0	948.5	957.2	967.9	971.8	983.8	991.0
90°	697.3	779.4	862.2	919.7	939.2	949.3	956.9	966.4	972.1	986.6	987.2
92.5°	703.2	783.8	865.8	920.7	940.0	948.5	957.2	967.9	971.8	983.8	991.0
95°	697.4	780.9	862.0	917.1	939.4	947.4	955.7	966.8	972.9	982.8	990.7
97.5°	688.5	770.5	851.3	910.2	938.0	946.1	951.6	961.5	969.1	982.1	985.9
100°	673.6	752.6	834.3	899.4	931.1	942.0	945.8	954.7	962.8	969.0	976.4
102.5°	656.0	735.2	817.1	879.9	914.6	931.0	940.1	945.0	953.6	960.2	965.5
105°	638.9	716.8	794.2	859.4	899.9	917.2	928.3	936.2	941.6	947.7	952.1
107.5°	614.8	690.8	768.8	836.7	882.0	903.5	913.3	922.0	928.5	932.4	938.4
110°	584.7	657.8	733.1	806.8	859.0	882.8	895.8	904.7	912.7	917.4	922.8



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**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	549.7	617.4	689.9	760.5	817.3	853.4	873.8	883.2	890.0	897.8	903.3
115°	511.0	574.2	645.0	713.6	771.3	814.8	842.2	860.5	868.4	873.9	878.5
117.5°	470.3	532.2	598.2	665.6	724.8	775.5	808.4	831.2	840.1	846.5	850.4
120°	430.1	484.9	545.6	608.0	670.7	725.6	770.8	798.8	807.2	813.6	817.6
122.5°	389.1	436.5	487.5	544.3	605.1	658.4	711.1	741.1	759.4	771.9	779.2
125°	351.4	390.0	431.5	478.3	526.2	577.8	625.0	662.4	691.0	711.8	725.5
127.5°	315.1	347.0	381.7	416.7	455.9	496.8	536.7	575.8	608.6	635.5	656.5
130°	281.2	306.6	335.6	363.7	394.9	426.6	458.4	491.5	521.3	547.4	569.5
132.5°	250.4	271.7	293.4	316.3	342.1	367.1	392.7	417.5	440.0	459.9	476.8
135°	222.0	239.4	256.4	275.7	294.8	315.2	333.7	353.0	370.6	386.1	399.2
137.5°	199.6	210.7	223.2	238.6	253.4	267.8	282.9	296.8	309.4	320.3	329.3
140°	178.9	187.4	196.9	206.8	216.4	227.1	238.5	248.7	257.8	265.5	271.8
142.5°	159.3	165.6	172.9	180.0	186.7	194.2	201.5	208.1	213.9	218.8	222.7
145°	140.8	145.6	150.6	155.5	160.3	165.5	170.3	174.5	178.0	180.8	182.7
147.5°	124.7	127.8	130.6	133.2	136.3	139.7	142.6	145.2	147.1	148.5	149.2
150°	110.6	112.4	113.9	115.0	116.8	118.3	119.4	120.1	120.4	120.3	119.6
152.5°	97.9	99.3	100.1	100.9	101.6	102.0	102.0	101.7	101.1	100.1	98.9
155°	87.1	88.2	89.0	89.7	90.0	90.0	89.6	89.0	88.0	86.8	85.4
157.5°	78.1	79.1	80.0	80.6	81.0	81.1	81.0	80.7	80.1	79.4	78.7
160°	70.9	72.2	73.0	73.7	74.1	74.4	74.4	74.3	74.1	73.7	73.3
162.5°	63.2	64.5	65.6	66.6	67.4	68.2	68.8	69.3	69.7	70.0	70.4
165°	53.3	54.6	55.8	56.9	57.9	58.9	59.7	60.4	61.0	61.4	62.0
167.5°	43.8	44.6	45.3	46.0	46.6	47.1	47.5	47.9	48.1	48.2	48.5
170°	34.5	35.1	35.6	36.0	36.3	36.6	36.9	37.0	37.1	37.4	37.1
172.5°	25.0	25.4	25.8	26.1	26.4	26.6	26.8	26.9	26.9	27.2	27.0
175°	15.3	15.5	15.8	15.9	16.1	16.1	16.2	16.2	16.5	16.3	16.2
177.5°	6.5	6.6	6.6	6.6	6.6	6.6	6.8	6.8	6.7	6.6	6.5
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
0°	0.0	0.0
2.5°	6.4	6.3
5°	16.0	15.8
7.5°	26.7	26.5
10°	36.9	36.6
12.5°	48.2	48.0
15°	62.0	61.9
17.5°	70.2	70.1
20°	72.6	72.0
22.5°	77.6	76.4
25°	83.9	82.1
27.5°	97.4	95.4
30°	118.8	116.9
32.5°	149.7	148.4
35°	184.3	183.8
37.5°	226.1	226.8
40°	277.3	279.2
42.5°	337.6	341.1
45°	411.1	416.9
47.5°	492.3	500.2
50°	589.7	600.0
52.5°	674.3	682.2
55°	735.3	736.5
57.5°	783.6	780.7
60°	820.5	818.0
62.5°	851.7	850.2
65°	881.6	882.4
67.5°	906.1	906.4
70°	927.2	929.8
72.5°	941.6	942.4
75°	954.4	954.4
77.5°	969.6	971.4
80°	980.3	982.8
82.5°	987.3	988.5
85°	994.9	996.1
87.5°	995.2	999.2
90°	992.9	997.3
92.5°	995.2	999.2
95°	994.9	996.1
97.5°	987.3	988.5
100°	980.3	982.8
102.5°	969.6	971.4
105°	954.4	954.4
107.5°	941.6	942.4
110°	927.2	929.8





TEST NUMBER: P232041

CATALOG NUMBER: FVS4WM-3-LD4-35-1LO-PA187-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
112.5°	906.1	906.4
115°	881.6	882.4
117.5°	851.7	850.2
120°	820.5	818.0
122.5°	783.6	780.7
125°	735.3	736.5
127.5°	674.3	682.2
130°	589.7	600.0
132.5°	492.3	500.2
135°	411.1	416.9
137.5°	337.6	341.1
140°	277.3	279.2
142.5°	226.1	226.8
145°	184.3	183.8
147.5°	149.7	148.4
150°	118.8	116.9
152.5°	97.4	95.4
155°	83.9	82.1
157.5°	77.6	76.4
160°	72.6	72.0
162.5°	70.2	70.1
165°	62.0	61.9
167.5°	48.2	48.0
170°	36.9	36.6
172.5°	26.7	26.5
175°	16.0	15.8
177.5°	6.4	6.3
180°	0.0	0.0

(END OF REPORT)