

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: P231907

Luminaire Tested: **FVS4WM-2-LD4-50-1HI-PA187-UNV-EDC1**

Issue Date: 3/3/2020



**Test Information**

Test Method: LM-79-08  
Report Number: P231907  
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-LD4-50-1HI-PA187-UNV-EDC1  
Description: FAILSAFE FVS LED FIXTURE  
2FT LENGTH, 1-MODULE LED WITH PA187 LENS  
Light Source: (42) 5000K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

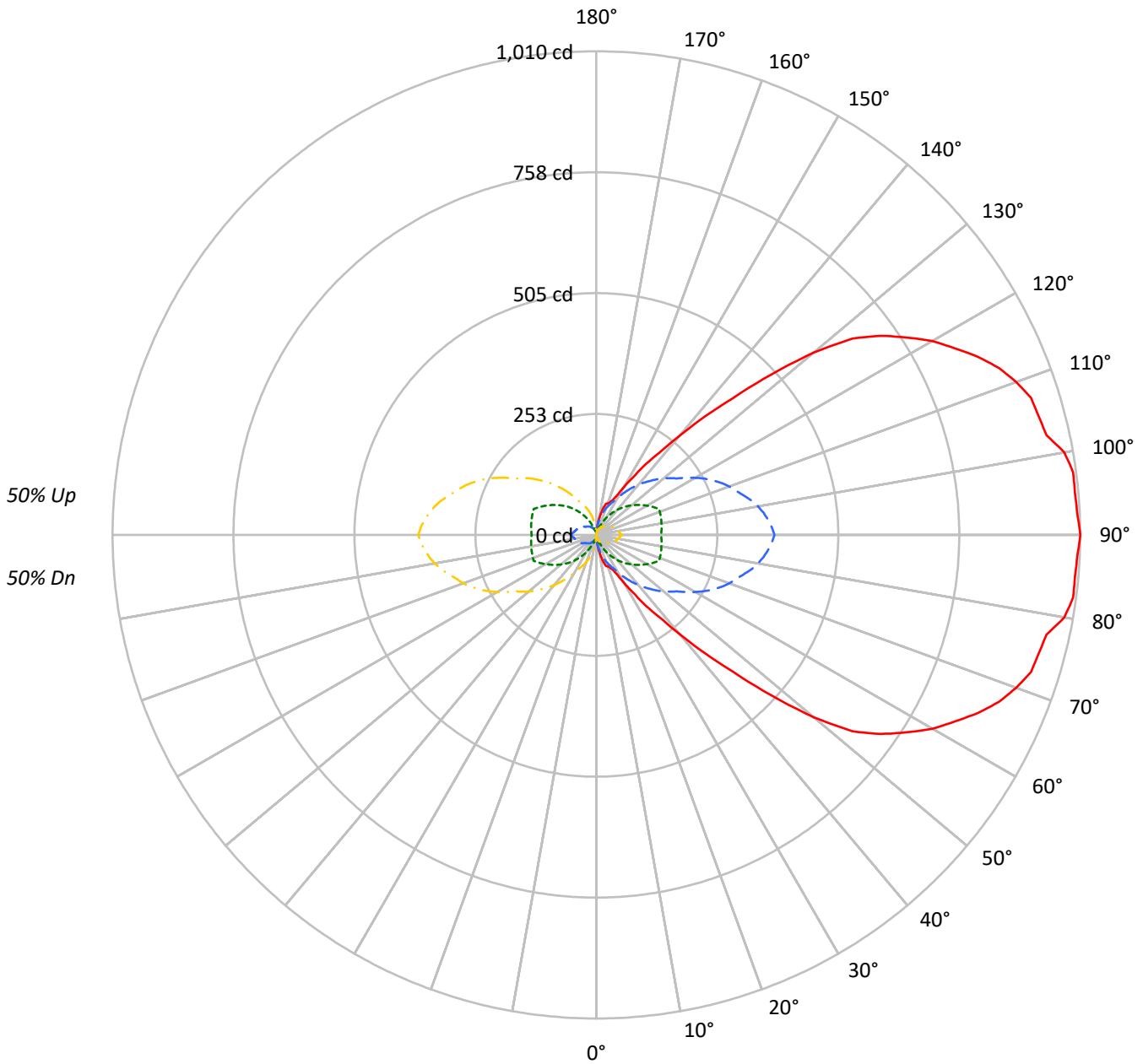
Lumens per Lamp: N/A  
Luminaire Lumens: 2338.9 lumens  
Efficiency: N/A  
Efficacy: 105.4 lumens/watt  
Spacing Criteria (0/90/45): - / - / -  
Luminous Opening: Rectangular w/ Sides (W: 1.92' x L: 0.19' x H: 0.31')  
CIE Type: General Diffuse

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°	428	130	0	130
10°	846	257	0	257
15°	1284	389	0	389
20°	1385	524	0	524
25°	1480	817	0	817
30°	2055	1287	0	1287
35°	3052	1795	0	1795
40°	4388	2366	0	2366
45°	6422	3016	0	3016
50°	9234	3742	0	3742
55°	11197	4617	0	4617
60°	12481	5704	0	5704
65°	13627	7100	0	7100
70°	14643	8528	0	8528
75°	15320	10037	0	10037
80°	16367	12367	0	12367
85°	17186	16393	0	16393



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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	0.8
30°-40°	45.3	1.9
40°-50°	90.1	3.9
50°-60°	161.7	6.9
60°-70°	237.2	10.1
70°-80°	290.0	12.4
80°-90°	317.2	13.6
90°-100°	317.2	13.6
100°-110°	290.0	12.4
110°-120°	237.2	10.1
120°-130°	161.7	6.9
130°-140°	90.1	3.9
140°-150°	45.3	1.9
150°-160°	19.6	0.8
160°-170°	7.3	0.3
170°-180°	1.0	0.0
0°-30°	27.9	1.2
0°-40°	73.2	3.1
0°-60°	325.0	13.9
0°-90°	1169.4	50.0
90°-120°	844.4	36.1
90°-150°	1141.5	48.8
90°-180°	1169.0	50.0
0°-180°	2338.9	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	0	0	0	0	0	
5°	16	4	0	4	16	2
15°	60	13	0	13	60	17
25°	80	27	0	27	80	40
35°	181	55	0	55	181	117
45°	404	83	0	83	404	326
55°	725	109	0	109	725	645
65°	880	135	0	135	880	870
75°	956	140	0	140	956	1014
85°	1003	137	0	137	1003	818
90°	1010	135	0	135	1010	552
95°	1003	137	0	137	1003	818
105°	956	140	0	140	956	1014
115°	880	135	0	135	880	870
125°	725	109	0	109	725	645
135°	404	83	0	83	404	326
145°	181	55	0	55	181	117
155°	80	27	0	27	80	40
165°	60	13	0	13	60	17
175°	16	4	0	4	16	2
180°	0	0	0	0	0	



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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°	6.5	6.6	6.7	6.8	6.9	7.0	7.1	6.9	6.9	6.8	6.8
5°	16.3	16.5	16.7	16.8	17.0	16.7	16.7	16.6	16.5	16.4	16.2
7.5°	26.2	26.4	26.7	26.9	26.7	26.7	26.6	26.5	26.3	26.1	25.8
10°	36.0	36.3	36.6	36.8	36.5	36.5	36.3	36.1	35.9	35.5	35.1
12.5°	48.0	48.2	48.5	48.2	48.1	47.8	47.5	47.0	46.5	45.8	45.1
15°	59.9	60.0	60.2	59.7	59.4	58.9	58.4	57.7	57.0	56.2	55.2
17.5°	68.7	68.9	69.1	68.7	68.5	68.1	67.6	67.0	66.2	65.4	64.4
20°	69.8	70.5	71.1	71.6	72.1	72.4	72.6	72.7	72.7	72.4	72.0
22.5°	74.1	75.3	76.5	77.2	78.0	78.6	79.0	79.1	79.0	78.7	78.0
25°	79.6	81.4	82.9	84.4	85.6	86.6	87.3	87.7	87.9	87.7	87.2
27.5°	91.6	93.7	95.3	96.7	97.8	98.6	99.1	99.2	98.9	98.3	97.7
30°	116.6	118.4	119.0	119.4	119.3	118.6	117.6	116.1	114.3	112.2	111.2
32.5°	141.7	143.2	143.3	143.1	142.4	141.2	139.5	137.4	134.8	132.0	129.0
35°	180.9	181.2	179.3	177.1	174.0	170.1	165.7	160.8	155.4	151.5	147.7
37.5°	215.8	215.6	213.2	210.3	206.4	201.6	195.9	189.6	182.6	175.6	168.6
40°	269.2	267.5	262.1	256.0	248.6	240.0	230.3	219.8	210.1	201.4	192.1
42.5°	334.6	330.9	322.4	312.9	301.6	288.7	274.4	259.0	245.2	231.6	217.6
45°	404.3	398.9	387.6	375.3	360.7	344.1	325.6	307.8	287.0	267.5	248.5
47.5°	497.0	487.8	470.4	451.9	430.6	407.2	382.0	357.2	333.2	308.3	286.5
50°	591.8	580.7	560.1	537.5	510.9	480.6	446.9	414.6	383.4	354.1	327.7
52.5°	673.5	663.9	644.5	622.4	594.8	561.8	523.2	482.9	442.5	405.1	372.1
55°	724.8	723.8	714.0	699.7	677.5	646.3	605.9	560.1	511.9	466.2	421.3
57.5°	767.3	771.8	769.0	762.7	750.3	731.2	698.6	641.9	586.3	529.5	476.5
60°	809.8	813.8	811.6	808.3	802.5	794.5	763.6	713.6	655.4	591.2	531.2
62.5°	843.6	846.4	846.3	843.6	838.2	830.5	801.5	763.7	709.1	648.3	581.5
65°	879.5	880.5	878.7	874.8	869.2	860.4	837.4	799.9	752.3	692.3	624.6
67.5°	910.1	908.4	904.5	899.4	894.3	890.1	878.4	850.0	796.0	733.5	663.5
70°	932.9	931.5	927.4	920.5	915.1	913.1	909.3	892.4	857.0	780.0	705.9
72.5°	951.5	951.6	948.6	942.1	936.6	931.7	929.0	922.5	890.6	827.6	745.0
75°	955.8	964.7	968.6	963.1	952.7	945.5	942.3	935.9	909.7	854.8	778.3
77.5°	962.4	974.1	983.4	980.9	969.7	955.4	952.3	946.6	924.5	874.4	799.8
80°	991.8	986.6	987.5	990.8	983.1	972.7	963.9	959.4	944.0	892.7	813.0
82.5°	1003.8	1000.3	995.6	993.7	989.5	983.6	976.1	969.6	954.1	909.4	833.7
85°	1002.7	1009.0	1008.0	994.3	983.6	984.0	980.3	973.2	961.3	923.9	846.9
87.5°	1004.9	1011.2	1005.8	1001.4	985.4	977.0	973.3	973.4	967.1	933.1	852.1
90°	1010.3	1013.6	1007.1	1010.3	997.2	971.1	963.5	972.2	970.0	935.1	849.0
92.5°	1004.9	1011.2	1005.8	1001.4	985.4	977.0	973.3	973.4	967.1	933.1	852.1
95°	1002.7	1009.0	1008.0	994.3	983.6	984.0	980.3	973.2	961.3	923.9	846.9
97.5°	1003.8	1000.3	995.6	993.7	989.5	983.6	976.1	969.6	954.1	909.4	833.7
100°	991.8	986.6	987.5	990.8	983.1	972.7	963.9	959.4	944.0	892.7	813.0
102.5°	962.4	974.1	983.4	980.9	969.7	955.4	952.3	946.6	924.5	874.4	799.8
105°	955.8	964.7	968.6	963.1	952.7	945.5	942.3	936.0	909.7	854.8	778.3
107.5°	951.5	951.6	948.6	942.1	936.6	931.7	929.0	922.5	890.6	827.6	745.0
110°	932.9	931.5	927.4	920.5	915.1	913.1	909.3	892.4	857.0	780.0	705.9



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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°	910.1	908.4	904.5	899.4	894.3	890.1	878.4	850.0	796.0	733.5	663.5
115°	879.5	880.5	878.7	874.8	869.2	860.4	837.4	799.9	752.3	692.3	624.6
117.5°	843.6	846.4	846.3	843.6	838.2	830.5	801.5	763.7	709.1	648.3	581.5
120°	809.8	813.8	811.6	808.3	802.5	794.5	763.6	713.6	655.4	591.2	531.2
122.5°	767.3	771.8	769.0	762.7	750.3	731.2	698.6	641.9	586.3	529.5	476.5
125°	724.8	723.8	714.0	699.7	677.5	646.3	605.9	560.1	511.9	466.2	421.3
127.5°	673.5	663.9	644.5	622.4	594.8	561.8	523.2	482.9	442.5	405.1	372.1
130°	591.8	580.7	560.1	537.5	510.9	480.6	446.9	414.6	383.4	354.1	327.7
132.5°	497.0	487.8	470.4	451.9	430.6	407.2	382.0	357.2	333.2	308.3	286.5
135°	404.3	398.9	387.6	375.3	360.7	344.1	325.6	307.8	287.0	267.5	248.5
137.5°	334.6	330.9	322.4	312.9	301.6	288.7	274.4	259.0	245.2	231.6	217.6
140°	269.2	267.5	262.1	256.0	248.6	240.0	230.3	219.8	210.1	201.4	192.1
142.5°	215.8	215.6	213.2	210.3	206.4	201.6	195.9	189.6	182.6	175.6	168.6
145°	180.9	181.2	179.3	177.1	174.0	170.1	165.7	160.8	155.4	151.5	147.7
147.5°	141.7	143.2	143.3	143.1	142.4	141.2	139.5	137.4	134.8	132.0	129.0
150°	116.6	118.4	119.0	119.4	119.3	118.6	117.6	116.1	114.3	112.2	111.2
152.5°	91.6	93.7	95.3	96.7	97.8	98.6	99.1	99.2	98.9	98.3	97.7
155°	79.6	81.4	82.9	84.4	85.6	86.6	87.3	87.7	87.9	87.7	87.2
157.5°	74.1	75.3	76.5	77.2	78.0	78.6	79.0	79.1	79.0	78.7	78.0
160°	69.8	70.5	71.1	71.6	72.1	72.4	72.6	72.7	72.7	72.4	72.0
162.5°	68.7	68.9	69.1	68.7	68.5	68.1	67.6	67.0	66.2	65.4	64.4
165°	59.9	60.0	60.2	59.7	59.4	58.9	58.4	57.7	57.0	56.2	55.2
167.5°	48.0	48.2	48.5	48.2	48.1	47.8	47.5	47.0	46.5	45.8	45.1
170°	36.0	36.3	36.6	36.8	36.5	36.5	36.3	36.1	35.9	35.5	35.1
172.5°	26.2	26.4	26.7	26.9	26.7	26.7	26.6	26.5	26.3	26.1	25.8
175°	16.3	16.5	16.7	16.8	17.0	16.7	16.7	16.6	16.5	16.4	16.2
177.5°	6.5	6.6	6.7	6.8	6.9	7.0	7.1	6.9	6.9	6.8	6.8
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°	6.8	6.7	6.7	6.6	6.5	6.4	6.3	6.1	6.0	5.9	5.7
5°	16.0	15.8	15.5	15.2	14.8	14.4	14.0	13.6	13.1	12.6	12.1
7.5°	25.5	25.1	24.7	24.2	23.6	23.1	22.5	21.8	21.1	20.3	19.5
10°	34.7	34.1	33.5	32.9	32.2	31.4	30.6	29.7	28.8	27.8	26.8
12.5°	44.3	43.4	42.5	41.4	40.4	39.4	38.4	37.3	36.2	34.9	33.7
15°	54.2	53.1	52.0	50.7	49.4	47.9	46.4	44.9	43.3	41.8	40.3
17.5°	63.2	62.0	60.6	59.1	57.6	56.0	54.4	52.6	50.7	48.8	46.8
20°	71.4	70.2	68.6	66.9	65.1	63.2	61.2	59.3	57.4	55.4	53.3
22.5°	77.2	76.5	75.5	74.2	72.7	70.6	68.2	65.8	63.2	61.0	58.9
25°	86.4	85.2	83.7	81.8	79.8	77.8	75.4	72.6	69.7	66.7	63.9
27.5°	97.0	95.8	94.2	92.2	89.7	86.8	83.8	80.3	76.8	73.0	69.5
30°	109.8	108.1	106.3	103.8	101.1	97.9	94.2	89.9	85.8	82.4	78.9
32.5°	125.8	122.3	119.6	116.9	113.7	110.1	106.1	101.7	97.3	92.8	88.9
35°	143.6	139.4	135.3	131.1	126.9	122.7	118.2	113.5	108.5	103.6	98.8
37.5°	161.5	156.1	151.1	146.5	140.8	135.4	130.3	125.1	119.6	114.0	108.7
40°	182.8	174.8	167.3	160.9	154.8	148.7	142.7	136.7	130.7	124.6	118.3
42.5°	206.1	195.7	185.7	177.4	169.8	162.2	155.0	148.4	141.7	135.1	128.3
45°	233.7	218.6	206.3	194.7	184.9	176.1	168.0	159.8	152.7	145.5	138.1
47.5°	265.5	245.4	228.9	213.4	201.0	190.0	180.9	172.1	163.2	155.7	147.9
50°	301.0	276.9	253.5	234.7	218.1	204.5	193.1	184.0	174.5	165.4	157.5
52.5°	338.9	309.9	282.4	257.3	236.7	219.5	205.7	194.6	186.2	175.4	169.0
55°	381.4	343.5	311.8	282.4	256.3	235.3	218.1	205.4	197.6	190.5	184.1
57.5°	427.8	382.3	341.3	307.7	277.7	251.5	235.1	221.7	210.4	203.6	197.7
60°	474.8	423.2	375.2	331.6	301.1	274.7	253.1	238.4	225.1	215.6	209.9
62.5°	519.1	461.8	410.4	365.2	325.1	295.4	271.9	254.6	240.6	226.8	220.6
65°	557.6	499.6	445.3	396.3	352.4	316.3	288.7	268.8	255.7	240.2	231.3
67.5°	596.6	535.2	477.5	424.6	377.7	335.1	304.5	283.2	268.8	254.4	241.3
70°	634.1	566.7	506.9	448.4	400.1	356.4	320.5	295.4	280.3	268.4	250.6
72.5°	666.4	594.3	529.2	470.1	418.1	374.3	334.2	305.7	290.5	280.7	261.9
75°	696.9	617.4	548.0	486.8	431.3	388.8	348.5	318.3	301.3	288.9	271.5
77.5°	722.3	635.5	562.9	501.8	447.4	403.2	363.6	331.6	311.7	297.6	280.3
80°	737.4	656.7	580.4	516.1	461.0	415.1	376.1	342.8	321.6	306.5	288.5
82.5°	751.8	672.8	593.1	526.1	470.6	424.4	386.1	352.1	330.9	315.5	295.9
85°	761.1	681.4	600.9	531.9	476.4	431.1	393.8	359.9	339.6	324.2	302.7
87.5°	764.7	685.9	606.1	535.5	480.1	436.6	400.2	366.7	348.1	332.9	309.0
90°	761.8	677.9	601.6	531.9	478.5	438.1	403.3	371.7	355.3	340.0	313.9
92.5°	764.7	685.9	606.1	535.5	480.1	436.6	400.2	366.7	348.1	332.9	309.0
95°	761.1	681.4	600.9	531.9	476.4	431.1	393.8	359.9	339.6	324.2	302.7
97.5°	751.8	672.8	593.1	526.1	470.6	424.4	386.1	352.1	330.9	315.5	295.9
100°	737.4	656.7	580.4	516.1	461.0	415.1	376.1	342.8	321.6	306.5	288.5
102.5°	722.3	635.5	562.9	501.8	447.4	403.2	363.6	331.6	311.7	297.6	280.3
105°	696.9	617.4	548.0	486.8	431.3	388.8	348.5	318.3	301.3	288.9	271.5
107.5°	666.4	594.3	529.2	470.1	418.1	374.3	334.2	305.7	290.5	280.7	261.9
110°	634.1	566.7	506.9	448.4	400.1	356.4	320.5	295.4	280.3	268.4	250.6





TEST NUMBER: P231907

CATALOG NUMBER: FVS4WM-2-LD4-50-1HI-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°	596.6	535.2	477.5	424.6	377.7	335.1	304.5	283.2	268.8	254.4	241.3
115°	557.6	499.6	445.3	396.3	352.4	316.3	288.7	268.8	255.7	240.2	231.3
117.5°	519.1	461.8	410.4	365.2	325.1	295.4	271.9	254.6	240.6	226.8	220.6
120°	474.8	423.2	375.2	331.6	301.1	274.7	253.1	238.4	225.1	215.6	209.9
122.5°	427.8	382.3	341.3	307.7	277.7	251.5	235.1	221.7	210.4	203.6	197.7
125°	381.4	343.5	311.8	282.4	256.3	235.3	218.1	205.4	197.6	190.5	184.1
127.5°	338.9	309.9	282.4	257.3	236.7	219.5	205.7	194.6	186.2	175.4	169.0
130°	301.0	276.9	253.5	234.7	218.1	204.5	193.1	184.0	174.5	165.4	157.5
132.5°	265.5	245.4	228.9	213.4	201.0	190.0	180.9	172.1	163.2	155.7	147.9
135°	233.7	218.6	206.3	194.7	184.9	176.1	168.0	159.8	152.7	145.5	138.1
137.5°	206.1	195.7	185.7	177.4	169.8	162.2	155.0	148.4	141.7	135.1	128.3
140°	182.8	174.8	167.3	160.9	154.8	148.7	142.7	136.7	130.7	124.6	118.3
142.5°	161.5	156.1	151.1	146.5	140.8	135.4	130.3	125.1	119.6	114.0	108.7
145°	143.6	139.4	135.3	131.1	126.9	122.7	118.2	113.5	108.5	103.6	98.8
147.5°	125.8	122.3	119.6	116.9	113.7	110.1	106.1	101.7	97.3	92.8	88.9
150°	109.8	108.1	106.3	103.8	101.1	97.9	94.2	89.9	85.8	82.4	78.9
152.5°	97.0	95.8	94.2	92.2	89.7	86.8	83.8	80.3	76.8	73.0	69.5
155°	86.4	85.2	83.7	81.8	79.8	77.8	75.4	72.6	69.7	66.7	63.9
157.5°	77.2	76.5	75.5	74.2	72.7	70.6	68.2	65.8	63.2	61.0	58.9
160°	71.4	70.2	68.6	66.9	65.1	63.2	61.2	59.3	57.4	55.4	53.3
162.5°	63.2	62.0	60.6	59.1	57.6	56.0	54.4	52.6	50.7	48.8	46.8
165°	54.2	53.1	52.0	50.7	49.4	47.9	46.4	44.9	43.3	41.8	40.3
167.5°	44.3	43.4	42.5	41.4	40.4	39.4	38.4	37.3	36.2	34.9	33.7
170°	34.7	34.1	33.5	32.9	32.2	31.4	30.6	29.7	28.8	27.8	26.8
172.5°	25.5	25.1	24.7	24.2	23.6	23.1	22.5	21.8	21.1	20.3	19.5
175°	16.0	15.8	15.5	15.2	14.8	14.4	14.0	13.6	13.1	12.6	12.1
177.5°	6.8	6.7	6.7	6.6	6.5	6.4	6.3	6.1	6.0	5.9	5.7
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231907

CATALOG NUMBER: FVS4WM-2-LD4-50-1HI-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°	5.5	5.3	5.1	4.9	4.7	4.5	4.3	4.0	3.8	3.5	3.3
5°	11.5	10.9	10.3	9.9	9.5	9.0	8.5	8.1	7.6	7.1	6.6
7.5°	18.7	17.8	16.9	16.0	15.0	13.9	12.9	12.1	11.4	10.6	9.8
10°	25.7	24.6	23.5	22.1	20.8	19.5	18.1	16.7	15.2	14.1	13.1
12.5°	32.4	31.0	29.5	28.1	26.6	24.9	23.2	21.5	19.7	17.9	16.4
15°	38.7	37.1	35.7	33.7	31.9	30.1	28.2	26.2	24.1	21.9	19.7
17.5°	45.1	43.0	41.1	39.1	37.1	35.0	32.9	30.8	28.4	25.9	23.4
20°	51.0	48.8	46.5	44.3	42.0	39.7	37.4	35.0	32.6	29.8	27.0
22.5°	56.7	54.3	51.8	49.2	46.7	44.2	41.7	39.1	36.4	33.6	30.5
25°	61.3	59.0	56.6	53.9	52.0	50.0	47.9	45.7	43.3	40.8	37.8
27.5°	66.9	65.2	63.9	62.4	60.4	58.2	56.0	53.8	51.4	48.7	45.7
30°	76.1	73.6	71.6	70.2	68.6	66.3	63.9	61.7	59.6	56.5	53.5
32.5°	85.1	82.1	79.5	77.5	76.1	74.2	71.7	69.3	67.0	64.2	61.0
35°	94.5	90.4	87.3	84.8	83.1	81.8	79.3	76.8	74.4	71.9	68.5
37.5°	103.6	99.1	94.9	92.1	90.0	88.6	86.8	84.0	81.6	79.5	76.0
40°	112.7	107.5	103.0	98.9	96.7	95.1	93.9	91.3	88.6	86.6	83.4
42.5°	121.4	115.8	110.7	106.2	103.2	101.3	100.3	98.4	95.4	93.5	90.7
45°	130.7	123.5	118.3	113.5	109.2	107.6	106.5	105.4	102.4	100.3	98.0
47.5°	139.8	132.0	125.4	120.6	115.9	114.5	115.5	116.7	116.4	115.3	113.1
50°	149.0	141.0	136.1	134.2	132.5	131.6	132.3	133.5	134.4	134.2	130.2
52.5°	164.0	158.9	154.5	151.8	150.3	148.9	149.3	150.2	151.8	153.7	147.6
55°	179.6	175.6	171.9	168.8	167.7	166.6	166.4	166.9	168.5	172.6	165.4
57.5°	193.6	190.8	188.4	185.7	184.7	184.0	183.5	183.6	184.8	190.5	183.8
60°	206.3	204.7	203.4	202.0	201.3	201.0	200.6	200.3	201.5	208.0	202.5
62.5°	218.0	217.4	217.5	217.5	217.5	217.9	217.8	217.3	218.2	225.0	221.5
65°	228.5	229.0	230.5	232.3	233.3	234.4	234.8	234.3	234.9	241.8	240.8
67.5°	237.6	239.7	242.7	246.3	248.7	250.5	251.6	251.3	251.5	258.2	260.4
70°	245.9	249.5	254.2	258.8	261.4	262.7	263.2	262.8	262.3	265.2	264.7
72.5°	253.5	254.7	258.3	262.6	266.4	268.5	269.5	270.5	270.9	271.0	266.9
75°	259.4	258.3	261.8	266.2	271.3	274.4	275.6	277.8	279.7	277.7	269.1
77.5°	265.1	262.2	265.3	269.7	275.9	280.2	281.5	284.8	288.6	285.2	271.3
80°	270.8	266.2	269.0	273.2	280.4	286.1	287.4	291.6	297.6	293.3	273.4
82.5°	276.4	270.3	272.7	276.7	284.9	291.9	293.2	298.2	306.6	301.7	276.8
85°	281.9	274.6	276.6	280.2	289.3	297.7	298.8	304.5	315.7	310.9	277.9
87.5°	287.2	278.9	280.4	283.7	293.8	303.6	304.7	311.4	324.6	318.9	279.0
90°	292.1	283.4	284.5	287.7	298.6	309.5	310.6	318.2	333.5	327.0	280.1
92.5°	287.2	278.9	280.4	283.7	293.8	303.6	304.7	311.4	324.6	318.9	279.0
95°	281.9	274.6	276.6	280.2	289.3	297.7	298.8	304.5	315.7	310.9	277.9
97.5°	276.4	270.3	272.7	276.7	284.9	291.9	293.2	298.2	306.6	301.7	276.8
100°	270.8	266.2	269.0	273.2	280.4	286.1	287.4	291.6	297.6	293.3	273.4
102.5°	265.1	262.2	265.3	269.7	275.9	280.2	281.5	284.8	288.6	285.2	271.3
105°	259.4	258.3	261.8	266.2	271.3	274.4	275.6	277.8	279.7	277.7	269.1
107.5°	253.5	254.7	258.3	262.6	266.4	268.5	269.5	270.5	270.9	271.0	266.9
110°	245.9	249.5	254.2	258.8	261.4	262.7	263.2	262.8	262.3	265.2	264.7



TEST NUMBER: P231907

CATALOG NUMBER: FVS4WM-2-LD4-50-1HI-PA187-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	237.6	239.7	242.7	246.3	248.7	250.5	251.6	251.3	251.5	258.2	260.4
115°	228.5	229.0	230.5	232.3	233.3	234.4	234.8	234.3	234.9	241.8	240.8
117.5°	218.0	217.4	217.5	217.5	217.5	217.9	217.8	217.3	218.2	225.0	221.5
120°	206.3	204.7	203.4	202.0	201.3	201.0	200.6	200.3	201.5	208.0	202.5
122.5°	193.6	190.8	188.4	185.7	184.7	184.0	183.5	183.6	184.8	190.5	183.8
125°	179.6	175.6	171.9	168.8	167.7	166.6	166.4	166.9	168.5	172.6	165.4
127.5°	164.0	158.9	154.5	151.8	150.3	148.9	149.3	150.2	151.8	153.7	147.6
130°	149.0	141.0	136.1	134.2	132.5	131.6	132.3	133.5	134.4	134.2	130.2
132.5°	139.8	132.0	125.4	120.6	115.9	114.5	115.5	116.7	116.4	115.3	113.1
135°	130.7	123.5	118.3	113.5	109.2	107.6	106.5	105.4	102.4	100.3	98.0
137.5°	121.4	115.8	110.7	106.2	103.2	101.3	100.3	98.4	95.4	93.5	90.7
140°	112.7	107.5	103.0	98.9	96.7	95.1	93.9	91.3	88.6	86.6	83.4
142.5°	103.6	99.1	94.9	92.1	90.0	88.6	86.8	84.0	81.6	79.5	76.0
145°	94.5	90.4	87.3	84.8	83.1	81.8	79.3	76.8	74.4	71.9	68.5
147.5°	85.1	82.1	79.5	77.5	76.1	74.2	71.7	69.3	67.0	64.2	61.0
150°	76.1	73.6	71.6	70.2	68.6	66.3	63.9	61.7	59.6	56.5	53.5
152.5°	66.9	65.2	63.9	62.4	60.4	58.2	56.0	53.8	51.4	48.7	45.7
155°	61.3	59.0	56.6	53.9	52.0	50.0	47.9	45.7	43.3	40.8	37.8
157.5°	56.7	54.3	51.8	49.2	46.7	44.2	41.7	39.1	36.4	33.6	30.5
160°	51.0	48.8	46.5	44.3	42.0	39.7	37.4	35.0	32.6	29.8	27.0
162.5°	45.1	43.0	41.1	39.1	37.1	35.0	32.9	30.8	28.4	25.9	23.4
165°	38.7	37.1	35.7	33.7	31.9	30.1	28.2	26.2	24.1	21.9	19.7
167.5°	32.4	31.0	29.5	28.1	26.6	24.9	23.2	21.5	19.7	17.9	16.4
170°	25.7	24.6	23.5	22.1	20.8	19.5	18.1	16.7	15.2	14.1	13.1
172.5°	18.7	17.8	16.9	16.0	15.0	13.9	12.9	12.1	11.4	10.6	9.8
175°	11.5	10.9	10.3	9.9	9.5	9.0	8.5	8.1	7.6	7.1	6.6
177.5°	5.5	5.3	5.1	4.9	4.7	4.5	4.3	4.0	3.8	3.5	3.3
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: P231907

CATALOG NUMBER: FVS4WM-2-LD4-50-1HI-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°	3.0	2.7	2.5	2.2	2.2	2.2	2.2	2.1	2.1	2.1	2.1
5°	6.0	5.5	4.9	4.4	4.4	4.3	4.3	4.3	4.3	4.2	4.2
7.5°	9.0	8.2	7.4	6.5	6.5	6.5	6.5	6.4	6.4	6.3	6.2
10°	12.0	10.9	9.8	8.7	8.7	8.7	8.6	8.6	8.5	8.4	8.3
12.5°	15.0	13.7	12.3	10.9	10.9	10.8	10.8	10.7	10.6	10.5	10.4
15°	18.0	16.4	14.8	13.1	13.1	13.0	13.0	12.9	12.8	12.6	12.5
17.5°	21.0	19.1	17.2	15.2	15.2	15.2	15.1	15.0	14.9	14.8	14.6
20°	24.1	21.9	19.7	17.4	17.4	17.4	17.3	17.2	17.0	16.9	16.7
22.5°	27.3	24.6	22.1	19.6	19.6	19.5	19.4	19.3	19.2	19.0	18.8
25°	34.6	31.7	29.2	26.6	26.7	26.7	26.5	26.2	25.7	24.9	24.0
27.5°	42.2	38.8	36.3	33.6	33.9	34.1	34.1	33.9	33.2	32.2	30.8
30°	49.7	45.9	43.4	40.7	41.1	41.5	41.7	41.7	40.5	39.3	37.2
32.5°	57.2	53.2	50.4	47.7	48.4	49.0	49.4	49.2	47.8	45.8	43.1
35°	64.7	60.4	57.4	54.7	55.7	56.5	57.2	56.6	54.9	51.9	48.6
37.5°	72.1	67.6	64.3	61.7	63.0	64.1	65.0	63.9	62.0	57.7	53.3
40°	79.4	74.7	71.3	68.8	70.3	71.7	72.9	71.1	68.0	63.1	57.5
42.5°	86.7	81.9	78.2	75.8	77.7	79.4	80.9	78.3	74.0	68.4	61.3
45°	93.8	89.0	85.1	82.8	85.1	87.1	88.3	85.4	79.7	72.6	64.6
47.5°	107.4	100.4	93.9	89.3	89.9	90.7	90.5	87.2	81.0	73.8	66.1
50°	122.1	112.4	103.0	95.9	94.5	93.8	92.0	87.6	80.7	73.3	66.0
52.5°	137.3	124.7	112.1	102.4	98.9	96.7	93.3	87.7	80.4	73.0	66.4
55°	152.9	137.4	121.5	109.0	103.3	99.4	94.5	87.8	80.3	73.1	67.2
57.5°	169.0	150.3	131.0	115.5	107.5	102.0	95.5	87.9	80.3	73.6	68.3
60°	185.3	163.5	140.5	122.1	111.7	104.4	96.5	88.1	80.6	74.5	70.1
62.5°	202.0	176.9	150.2	128.6	115.7	106.7	97.3	88.4	81.1	75.7	72.5
65°	219.0	190.4	160.0	135.2	119.7	108.9	98.1	88.7	81.7	77.2	75.3
67.5°	236.1	204.1	169.8	141.7	123.6	110.9	98.8	89.0	82.5	78.9	78.4
70°	237.6	203.9	169.0	141.0	122.6	109.9	97.9	88.2	82.0	79.0	79.3
72.5°	237.8	203.0	168.0	140.2	121.5	108.8	96.9	87.2	81.1	78.3	78.7
75°	237.8	202.0	167.8	139.5	120.6	107.7	96.1	86.4	80.3	77.6	78.1
77.5°	237.7	200.9	166.4	138.8	119.6	106.7	95.3	85.6	79.5	76.9	77.3
80°	237.4	200.7	164.9	138.0	118.7	105.7	94.6	84.9	78.8	76.3	76.5
82.5°	238.0	198.7	163.5	137.3	117.9	104.8	94.0	84.3	78.1	75.7	75.7
85°	236.7	196.8	162.0	136.6	117.0	104.0	93.5	83.7	77.4	75.2	74.8
87.5°	235.5	194.8	160.6	135.8	116.3	103.2	93.0	83.2	76.8	74.6	73.9
90°	234.3	192.9	159.1	135.1	115.5	102.4	92.6	82.8	76.3	74.1	73.0
92.5°	235.5	194.8	160.6	135.8	116.3	103.2	93.0	83.2	76.8	74.6	73.9
95°	236.7	196.8	162.0	136.6	117.0	104.0	93.5	83.7	77.4	75.2	74.8
97.5°	238.0	198.7	163.5	137.3	117.9	104.8	94.0	84.3	78.1	75.7	75.7
100°	237.4	200.7	164.9	138.0	118.7	105.7	94.6	84.9	78.8	76.3	76.5
102.5°	237.7	200.9	166.4	138.8	119.6	106.7	95.3	85.6	79.5	76.9	77.3
105°	237.8	202.0	167.8	139.5	120.6	107.7	96.1	86.4	80.3	77.6	78.1
107.5°	237.8	203.0	168.0	140.2	121.5	108.8	96.9	87.2	81.1	78.3	78.7
110°	237.6	203.9	169.0	141.0	122.6	109.9	97.9	88.2	82.0	79.0	79.3



TEST NUMBER: P231907

CATALOG NUMBER: FVS4WM-2-LD4-50-1HI-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°	236.1	204.1	169.8	141.7	123.6	110.9	98.8	89.0	82.5	78.9	78.4
115°	219.0	190.4	160.0	135.2	119.7	108.9	98.1	88.7	81.7	77.2	75.3
117.5°	202.0	176.9	150.2	128.6	115.7	106.7	97.3	88.4	81.1	75.7	72.5
120°	185.3	163.5	140.5	122.1	111.7	104.4	96.5	88.1	80.6	74.5	70.1
122.5°	169.0	150.3	131.0	115.5	107.5	102.0	95.5	87.9	80.3	73.6	68.3
125°	152.9	137.4	121.5	109.0	103.3	99.4	94.5	87.8	80.3	73.1	67.2
127.5°	137.3	124.7	112.1	102.4	98.9	96.7	93.3	87.7	80.4	73.0	66.4
130°	122.1	112.4	103.0	95.9	94.5	93.8	92.0	87.6	80.7	73.3	66.0
132.5°	107.4	100.4	93.9	89.3	89.9	90.7	90.5	87.2	81.0	73.8	66.1
135°	93.8	89.0	85.1	82.8	85.1	87.1	88.3	85.4	79.7	72.6	64.6
137.5°	86.7	81.9	78.2	75.8	77.7	79.4	80.9	78.3	74.0	68.4	61.3
140°	79.4	74.7	71.3	68.8	70.3	71.7	72.9	71.1	68.0	63.1	57.5
142.5°	72.1	67.6	64.3	61.7	63.0	64.1	65.0	63.9	62.0	57.7	53.3
145°	64.7	60.4	57.4	54.7	55.7	56.5	57.2	56.6	54.9	51.9	48.6
147.5°	57.2	53.2	50.4	47.7	48.4	49.0	49.4	49.2	47.8	45.8	43.1
150°	49.7	45.9	43.4	40.7	41.1	41.5	41.7	41.7	40.5	39.3	37.2
152.5°	42.2	38.8	36.3	33.6	33.9	34.1	34.1	33.9	33.2	32.2	30.8
155°	34.6	31.7	29.2	26.6	26.7	26.7	26.5	26.2	25.7	24.9	24.0
157.5°	27.3	24.6	22.1	19.6	19.6	19.5	19.4	19.3	19.2	19.0	18.8
160°	24.1	21.9	19.7	17.4	17.4	17.4	17.3	17.2	17.0	16.9	16.7
162.5°	21.0	19.1	17.2	15.2	15.2	15.2	15.1	15.0	14.9	14.8	14.6
165°	18.0	16.4	14.8	13.1	13.1	13.0	13.0	12.9	12.8	12.6	12.5
167.5°	15.0	13.7	12.3	10.9	10.9	10.8	10.8	10.7	10.6	10.5	10.4
170°	12.0	10.9	9.8	8.7	8.7	8.7	8.6	8.6	8.5	8.4	8.3
172.5°	9.0	8.2	7.4	6.5	6.5	6.5	6.5	6.4	6.4	6.3	6.2
175°	6.0	5.5	4.9	4.4	4.4	4.3	4.3	4.3	4.3	4.2	4.2
177.5°	3.0	2.7	2.5	2.2	2.2	2.2	2.2	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: P231907

CATALOG NUMBER: FVS4WM-2-LD4-50-1HI-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°	2.0	2.0	2.0	1.9	1.9	1.8	1.8	1.7	1.7	1.6	1.5
5°	4.1	4.0	3.9	3.9	3.8	3.7	3.6	3.5	3.3	3.2	3.1
7.5°	6.1	6.0	5.9	5.8	5.7	5.5	5.4	5.2	5.0	4.8	4.6
10°	8.2	8.1	7.9	7.7	7.6	7.4	7.2	6.9	6.7	6.5	6.2
12.5°	10.3	10.1	9.9	9.7	9.5	9.2	9.0	8.7	8.4	8.1	7.8
15°	12.3	12.1	11.9	11.6	11.4	11.1	10.8	10.5	10.1	9.7	9.3
17.5°	14.4	14.1	13.9	13.6	13.3	13.0	12.6	12.2	11.8	11.4	10.9
20°	16.4	16.2	15.9	15.6	15.2	14.9	14.5	14.0	13.6	13.1	12.6
22.5°	18.5	18.2	17.9	17.6	17.2	16.8	16.3	15.8	15.3	14.8	14.0
25°	22.9	21.8	20.6	19.6	19.2	18.7	18.2	17.7	16.8	15.9	15.0
27.5°	29.3	27.7	26.0	24.4	23.0	21.7	20.4	19.0	18.0	17.3	16.6
30°	35.1	32.8	30.6	28.5	26.7	24.9	23.0	21.4	20.2	19.1	18.0
32.5°	40.2	37.2	34.4	31.9	29.5	27.3	25.3	23.8	22.3	20.7	19.2
35°	44.7	41.0	37.6	34.5	31.8	29.4	27.4	25.4	23.6	22.0	20.8
37.5°	48.6	44.2	40.1	36.9	33.8	31.2	28.8	26.7	24.9	23.5	22.1
40°	51.9	46.8	42.5	38.8	35.5	32.5	30.0	27.9	26.2	24.6	22.9
42.5°	54.9	48.9	44.6	40.5	36.7	33.7	31.1	29.1	27.3	25.5	24.0
45°	57.4	51.3	46.4	41.9	37.9	34.7	32.3	30.2	28.3	26.5	25.0
47.5°	58.9	53.3	48.0	42.8	39.1	35.9	33.4	31.3	29.3	27.5	26.0
50°	59.4	54.8	50.0	45.3	41.1	37.2	34.5	32.3	30.2	28.6	27.1
52.5°	61.0	57.0	52.8	49.1	45.5	41.8	38.1	34.5	31.3	29.8	28.2
55°	63.0	59.8	56.5	53.5	50.2	46.5	42.5	38.6	35.4	32.3	29.6
57.5°	65.6	63.2	60.8	58.3	55.3	51.1	46.8	42.8	39.1	35.5	32.4
60°	68.5	67.1	65.6	63.4	60.2	55.6	50.9	46.6	42.2	38.2	34.7
62.5°	71.9	71.5	70.7	68.9	64.9	60.0	55.0	50.1	45.0	40.6	36.3
65°	75.7	76.3	76.2	74.5	69.6	64.3	58.8	53.1	47.5	42.6	37.7
67.5°	79.9	81.4	81.7	80.0	74.3	68.6	62.5	55.8	49.8	44.2	39.1
70°	81.8	84.6	86.0	84.6	78.9	72.7	65.9	58.3	51.9	45.7	40.4
72.5°	81.3	84.2	85.8	84.2	79.8	74.5	67.8	60.5	53.8	47.1	41.5
75°	80.8	83.9	85.7	84.2	80.6	75.5	68.8	61.8	55.2	48.6	42.8
77.5°	80.1	83.6	85.7	84.6	81.7	76.7	70.1	63.4	56.8	50.1	44.2
80°	79.5	83.3	85.7	85.2	83.1	78.2	71.7	65.3	58.7	51.7	45.7
82.5°	78.8	82.9	85.8	86.1	84.8	79.9	73.6	67.4	60.8	53.4	47.3
85°	78.0	82.6	86.0	87.2	86.6	81.8	75.7	69.8	63.2	55.3	49.1
87.5°	77.2	82.2	86.1	88.3	88.5	83.9	78.1	72.4	65.8	57.4	51.1
90°	76.3	81.7	86.1	89.4	90.5	86.1	80.7	75.2	68.7	59.9	53.4
92.5°	77.2	82.2	86.1	88.3	88.5	83.9	78.1	72.4	65.8	57.4	51.1
95°	78.0	82.6	86.0	87.2	86.6	81.8	75.7	69.8	63.2	55.3	49.1
97.5°	78.8	82.9	85.8	86.1	84.8	79.9	73.6	67.4	60.8	53.4	47.3
100°	79.5	83.3	85.7	85.2	83.1	78.2	71.7	65.3	58.7	51.7	45.7
102.5°	80.1	83.6	85.7	84.6	81.7	76.7	70.1	63.4	56.8	50.1	44.2
105°	80.8	83.9	85.7	84.2	80.6	75.5	68.8	61.8	55.2	48.6	42.8
107.5°	81.3	84.2	85.8	84.2	79.8	74.5	67.8	60.5	53.8	47.1	41.5
110°	81.8	84.6	86.0	84.6	78.9	72.7	65.9	58.3	51.9	45.7	40.4



TEST NUMBER: P231907

CATALOG NUMBER: FVS4WM-2-LD4-50-1HI-PA187-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	79.9	81.4	81.7	80.0	74.3	68.6	62.5	55.8	49.8	44.2	39.1
115°	75.7	76.3	76.2	74.5	69.6	64.3	58.8	53.1	47.5	42.6	37.7
117.5°	71.9	71.5	70.7	68.9	64.9	60.0	55.0	50.1	45.0	40.6	36.3
120°	68.5	67.1	65.6	63.4	60.2	55.6	50.9	46.6	42.2	38.2	34.7
122.5°	65.6	63.2	60.8	58.3	55.3	51.1	46.8	42.8	39.1	35.5	32.4
125°	63.0	59.8	56.5	53.5	50.2	46.5	42.5	38.6	35.4	32.3	29.6
127.5°	61.0	57.0	52.8	49.1	45.5	41.8	38.1	34.5	31.3	29.8	28.2
130°	59.4	54.8	50.0	45.3	41.1	37.2	34.5	32.3	30.2	28.6	27.1
132.5°	58.9	53.3	48.0	42.8	39.1	35.9	33.4	31.3	29.3	27.5	26.0
135°	57.4	51.3	46.4	41.9	37.9	34.7	32.3	30.2	28.3	26.5	25.0
137.5°	54.9	48.9	44.6	40.5	36.7	33.7	31.1	29.1	27.3	25.5	24.0
140°	51.9	46.8	42.5	38.8	35.5	32.5	30.0	27.9	26.2	24.6	22.9
142.5°	48.6	44.2	40.1	36.9	33.8	31.2	28.8	26.7	24.9	23.5	22.1
145°	44.7	41.0	37.6	34.5	31.8	29.4	27.4	25.4	23.6	22.0	20.8
147.5°	40.2	37.2	34.4	31.9	29.5	27.3	25.3	23.8	22.3	20.7	19.2
150°	35.1	32.8	30.6	28.5	26.7	24.9	23.0	21.4	20.2	19.1	18.0
152.5°	29.3	27.7	26.0	24.4	23.0	21.7	20.4	19.0	18.0	17.3	16.6
155°	22.9	21.8	20.6	19.6	19.2	18.7	18.2	17.7	16.8	15.9	15.0
157.5°	18.5	18.2	17.9	17.6	17.2	16.8	16.3	15.8	15.3	14.8	14.0
160°	16.4	16.2	15.9	15.6	15.2	14.9	14.5	14.0	13.6	13.1	12.6
162.5°	14.4	14.1	13.9	13.6	13.3	13.0	12.6	12.2	11.8	11.4	10.9
165°	12.3	12.1	11.9	11.6	11.4	11.1	10.8	10.5	10.1	9.7	9.3
167.5°	10.3	10.1	9.9	9.7	9.5	9.2	9.0	8.7	8.4	8.1	7.8
170°	8.2	8.1	7.9	7.7	7.6	7.4	7.2	6.9	6.7	6.5	6.2
172.5°	6.1	6.0	5.9	5.8	5.7	5.5	5.4	5.2	5.0	4.8	4.6
175°	4.1	4.0	3.9	3.9	3.8	3.7	3.6	3.5	3.3	3.2	3.1
177.5°	2.0	2.0	2.0	1.9	1.9	1.8	1.8	1.7	1.7	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: P231907

CATALOG NUMBER: FVS4WM-2-LD4-50-1HI-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°	1.5	1.4	1.3	1.2	1.2	1.1	1.0	0.9	0.8	0.7	0.7
5°	2.9	2.8	2.7	2.5	2.3	2.2	2.0	1.8	1.7	1.5	1.3
7.5°	4.4	4.2	4.0	3.8	3.5	3.3	3.0	2.8	2.5	2.2	2.0
10°	5.9	5.6	5.3	5.0	4.7	4.4	4.1	3.7	3.4	3.0	2.6
12.5°	7.4	7.1	6.7	6.3	5.9	5.5	5.1	4.7	4.2	3.8	3.3
15°	8.9	8.5	8.1	7.6	7.1	6.6	6.1	5.6	5.1	4.6	4.0
17.5°	10.5	10.0	9.5	8.9	8.4	7.8	7.1	6.5	5.8	5.2	4.5
20°	12.0	11.4	10.7	10.0	9.3	8.5	7.8	7.2	6.5	5.8	5.1
22.5°	13.2	12.4	11.6	11.0	10.3	9.6	8.9	8.1	7.3	6.5	5.6
25°	14.4	13.7	13.0	12.2	11.3	10.4	9.5	8.6	7.8	7.0	6.2
27.5°	15.9	15.0	13.9	12.9	12.1	11.3	10.5	9.6	8.7	7.7	6.7
30°	16.8	15.7	15.0	14.2	13.3	12.2	11.2	10.1	9.0	8.1	7.1
32.5°	18.1	17.2	16.3	15.1	13.9	12.8	11.9	10.9	9.9	8.8	7.7
35°	19.7	18.3	17.0	15.9	14.9	14.0	12.8	11.6	10.3	9.1	7.9
37.5°	20.6	19.2	18.1	17.2	15.9	14.5	13.2	11.9	10.6	9.3	8.2
40°	21.6	20.4	19.1	17.8	16.4	14.9	13.5	12.3	11.2	10.1	8.9
42.5°	22.6	21.3	19.8	18.3	16.8	15.6	14.5	13.3	11.8	10.3	9.0
45°	23.6	22.1	20.6	19.1	17.9	16.6	15.0	13.4	12.2	11.0	9.7
47.5°	24.5	22.9	21.5	20.2	18.6	16.8	15.5	14.3	13.0	11.4	9.8
50°	25.5	24.0	22.7	20.7	19.0	17.7	16.3	14.7	13.1	11.8	10.5
52.5°	26.6	25.2	23.1	21.3	19.9	18.4	16.7	15.1	13.8	12.7	11.4
55°	27.8	25.7	23.7	22.2	20.6	18.9	17.1	15.8	14.7	13.4	11.7
57.5°	29.3	26.3	24.6	23.0	21.2	19.2	17.9	16.8	15.0	13.2	11.5
60°	30.9	28.1	25.8	23.7	21.4	20.0	18.9	16.8	14.9	13.2	11.4
62.5°	32.5	29.5	27.0	24.2	22.2	21.1	18.8	16.9	15.1	13.0	11.1
65°	33.8	30.7	27.6	24.7	23.2	20.9	19.0	17.2	14.9	12.7	10.7
67.5°	35.0	31.6	28.0	25.5	23.1	20.7	19.0	16.9	14.7	12.4	10.3
70°	36.1	32.2	28.6	25.7	22.9	20.3	18.2	16.1	14.1	12.0	9.8
72.5°	37.0	32.8	28.9	25.7	22.5	19.8	17.6	15.2	13.2	11.2	9.2
75°	38.0	33.3	29.0	25.7	21.9	19.4	16.8	14.4	12.4	10.3	8.3
77.5°	39.0	33.9	29.4	25.5	21.4	19.1	16.0	13.9	11.8	9.6	7.8
80°	40.1	34.6	29.9	25.3	21.3	18.3	15.5	13.6	11.4	9.2	7.3
82.5°	41.2	35.4	30.4	25.1	21.1	17.5	14.8	12.7	10.6	8.7	6.7
85°	42.5	36.4	30.9	25.2	20.8	16.9	14.1	11.9	9.8	8.0	6.2
87.5°	44.0	37.7	31.7	25.5	20.6	16.5	13.5	11.3	9.1	7.7	6.2
90°	45.8	39.2	32.7	26.2	20.7	16.3	13.1	10.9	8.7	7.6	6.5
92.5°	44.0	37.7	31.7	25.5	20.6	16.5	13.5	11.3	9.1	7.7	6.2
95°	42.5	36.4	30.9	25.2	20.8	16.9	14.1	11.9	9.8	8.0	6.2
97.5°	41.2	35.4	30.4	25.1	21.1	17.5	14.8	12.7	10.6	8.7	6.7
100°	40.1	34.6	29.9	25.3	21.3	18.3	15.5	13.6	11.4	9.2	7.3
102.5°	39.0	33.9	29.4	25.5	21.4	19.1	16.0	13.9	11.8	9.6	7.8
105°	38.0	33.3	29.0	25.7	21.9	19.4	16.8	14.4	12.4	10.3	8.3
107.5°	37.0	32.8	28.9	25.7	22.5	19.8	17.6	15.2	13.2	11.2	9.2
110°	36.1	32.2	28.6	25.7	22.9	20.3	18.2	16.1	14.1	12.0	9.8





TEST NUMBER: P231907

CATALOG NUMBER: FVS4WM-2-LD4-50-1HI-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°	35.0	31.6	28.0	25.5	23.1	20.7	19.0	16.9	14.7	12.4	10.3
115°	33.8	30.7	27.6	24.7	23.2	20.9	19.0	17.2	14.9	12.7	10.7
117.5°	32.5	29.5	27.0	24.2	22.2	21.1	18.8	16.9	15.1	13.0	11.1
120°	30.9	28.1	25.8	23.7	21.4	20.0	18.9	16.8	14.9	13.2	11.4
122.5°	29.3	26.3	24.6	23.0	21.2	19.2	17.9	16.8	15.0	13.2	11.5
125°	27.8	25.7	23.7	22.2	20.6	18.9	17.1	15.8	14.7	13.4	11.7
127.5°	26.6	25.2	23.1	21.3	19.9	18.4	16.7	15.1	13.8	12.7	11.4
130°	25.5	24.0	22.7	20.7	19.0	17.7	16.3	14.7	13.1	11.8	10.5
132.5°	24.5	22.9	21.5	20.2	18.6	16.8	15.5	14.3	13.0	11.4	9.8
135°	23.6	22.1	20.6	19.1	17.9	16.6	15.0	13.4	12.2	11.0	9.7
137.5°	22.6	21.3	19.8	18.3	16.8	15.6	14.5	13.3	11.8	10.3	9.0
140°	21.6	20.4	19.1	17.8	16.4	14.9	13.5	12.3	11.2	10.1	8.9
142.5°	20.6	19.2	18.1	17.2	15.9	14.5	13.2	11.9	10.6	9.3	8.2
145°	19.7	18.3	17.0	15.9	14.9	14.0	12.8	11.6	10.3	9.1	7.9
147.5°	18.1	17.2	16.3	15.1	13.9	12.8	11.9	10.9	9.9	8.8	7.7
150°	16.8	15.7	15.0	14.2	13.3	12.2	11.2	10.1	9.0	8.1	7.1
152.5°	15.9	15.0	13.9	12.9	12.1	11.3	10.5	9.6	8.7	7.7	6.7
155°	14.4	13.7	13.0	12.2	11.3	10.4	9.5	8.6	7.8	7.0	6.2
157.5°	13.2	12.4	11.6	11.0	10.3	9.6	8.9	8.1	7.3	6.5	5.6
160°	12.0	11.4	10.7	10.0	9.3	8.5	7.8	7.2	6.5	5.8	5.1
162.5°	10.5	10.0	9.5	8.9	8.4	7.8	7.1	6.5	5.8	5.2	4.5
165°	8.9	8.5	8.1	7.6	7.1	6.6	6.1	5.6	5.1	4.6	4.0
167.5°	7.4	7.1	6.7	6.3	5.9	5.5	5.1	4.7	4.2	3.8	3.3
170°	5.9	5.6	5.3	5.0	4.7	4.4	4.1	3.7	3.4	3.0	2.6
172.5°	4.4	4.2	4.0	3.8	3.5	3.3	3.0	2.8	2.5	2.2	2.0
175°	2.9	2.8	2.7	2.5	2.3	2.2	2.0	1.8	1.7	1.5	1.3
177.5°	1.5	1.4	1.3	1.2	1.2	1.1	1.0	0.9	0.8	0.7	0.7
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231907

CATALOG NUMBER: FVS4WM-2-LD4-50-1HI-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°	0.6	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	0.8	0.6	0.4	0.2	0.0	0.2	0.4	0.6	0.8
7.5°	1.7	1.4	1.1	0.9	0.6	0.3	0.0	0.3	0.6	0.9	1.1
10°	2.3	1.9	1.5	1.1	0.8	0.4	0.0	0.4	0.8	1.1	1.5
12.5°	2.9	2.4	1.9	1.4	1.0	0.5	0.0	0.5	1.0	1.4	1.9
15°	3.5	2.9	2.3	1.7	1.2	0.6	0.0	0.6	1.2	1.7	2.3
17.5°	3.9	3.2	2.6	1.9	1.3	0.6	0.0	0.6	1.3	1.9	2.6
20°	4.4	3.7	3.0	2.2	1.5	0.7	0.0	0.7	1.5	2.2	3.0
22.5°	4.8	4.0	3.2	2.4	1.6	0.8	0.0	0.8	1.6	2.4	3.2
25°	5.3	4.5	3.6	2.7	1.8	0.9	0.0	0.9	1.8	2.7	3.6
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°	6.2	5.2	4.1	3.1	2.1	1.0	0.0	1.0	2.1	3.1	4.1
32.5°	6.6	5.5	4.4	3.3	2.2	1.1	0.0	1.1	2.2	3.3	4.4
35°	6.8	5.6	4.5	3.3	2.2	1.1	0.0	1.1	2.2	3.3	4.5
37.5°	7.1	6.0	4.8	3.6	2.4	1.2	0.0	1.2	2.4	3.6	4.8
40°	7.5	6.2	4.9	3.7	2.5	1.2	0.0	1.2	2.5	3.7	4.9
42.5°	7.8	6.5	5.3	4.0	2.7	1.3	0.0	1.3	2.7	4.0	5.3
45°	8.3	6.8	5.4	4.0	2.7	1.3	0.0	1.3	2.7	4.0	5.4
47.5°	8.4	7.1	5.7	4.3	2.9	1.5	0.0	1.5	2.9	4.3	5.7
50°	9.1	7.7	6.2	4.7	3.2	1.6	0.0	1.6	3.2	4.7	6.2
52.5°	9.9	8.2	6.5	4.8	3.2	1.6	0.0	1.6	3.2	4.8	6.5
55°	9.9	8.1	6.4	4.7	3.1	1.6	0.0	1.6	3.1	4.7	6.4
57.5°	9.8	8.0	6.3	4.6	3.1	1.5	0.0	1.5	3.1	4.6	6.3
60°	9.6	7.9	6.1	4.5	3.0	1.5	0.0	1.5	3.0	4.5	6.1
62.5°	9.3	7.6	5.9	4.3	2.8	1.4	0.0	1.4	2.8	4.3	5.9
65°	8.9	7.2	5.6	4.1	2.6	1.3	0.0	1.3	2.6	4.1	5.6
67.5°	8.4	6.7	5.3	3.8	2.4	1.2	0.0	1.2	2.4	3.8	5.3
70°	7.8	6.1	4.7	3.4	2.1	1.0	0.0	1.0	2.1	3.4	4.7
72.5°	7.1	5.6	4.2	2.9	1.7	0.8	0.0	0.8	1.7	2.9	4.2
75°	6.8	5.2	3.5	2.5	1.8	0.9	0.0	0.9	1.8	2.5	3.5
77.5°	6.2	4.4	3.3	2.1	0.8	0.1	0.0	0.1	0.8	2.1	3.3
80°	5.3	3.8	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1
82.5°	4.6	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	4.2	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	4.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	4.2	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	4.6	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	5.3	3.8	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1
102.5°	6.2	4.4	3.3	2.1	0.8	0.1	0.0	0.1	0.8	2.1	3.3
105°	6.8	5.2	3.5	2.5	1.8	0.9	0.0	0.9	1.8	2.5	3.5
107.5°	7.1	5.6	4.2	2.9	1.7	0.8	0.0	0.8	1.7	2.9	4.2
110°	7.8	6.1	4.7	3.4	2.1	1.0	0.0	1.0	2.1	3.4	4.7



TEST NUMBER: P231907

CATALOG NUMBER: FVS4WM-2-LD4-50-1HI-PA187-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	8.4	6.7	5.3	3.8	2.4	1.2	0.0	1.2	2.4	3.8	5.3
115°	8.9	7.2	5.6	4.1	2.6	1.3	0.0	1.3	2.6	4.1	5.6
117.5°	9.3	7.6	5.9	4.3	2.8	1.4	0.0	1.4	2.8	4.3	5.9
120°	9.6	7.9	6.1	4.5	3.0	1.5	0.0	1.5	3.0	4.5	6.1
122.5°	9.8	8.0	6.3	4.6	3.1	1.5	0.0	1.5	3.1	4.6	6.3
125°	9.9	8.1	6.4	4.7	3.1	1.6	0.0	1.6	3.1	4.7	6.4
127.5°	9.9	8.2	6.5	4.8	3.2	1.6	0.0	1.6	3.2	4.8	6.5
130°	9.1	7.7	6.2	4.7	3.2	1.6	0.0	1.6	3.2	4.7	6.2
132.5°	8.4	7.1	5.7	4.3	2.9	1.5	0.0	1.5	2.9	4.3	5.7
135°	8.3	6.8	5.4	4.0	2.7	1.3	0.0	1.3	2.7	4.0	5.4
137.5°	7.8	6.5	5.3	4.0	2.7	1.3	0.0	1.3	2.7	4.0	5.3
140°	7.5	6.2	4.9	3.7	2.5	1.2	0.0	1.2	2.5	3.7	4.9
142.5°	7.1	6.0	4.8	3.6	2.4	1.2	0.0	1.2	2.4	3.6	4.8
145°	6.8	5.6	4.5	3.3	2.2	1.1	0.0	1.1	2.2	3.3	4.5
147.5°	6.6	5.5	4.4	3.3	2.2	1.1	0.0	1.1	2.2	3.3	4.4
150°	6.2	5.2	4.1	3.1	2.1	1.0	0.0	1.0	2.1	3.1	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°	5.3	4.5	3.6	2.7	1.8	0.9	0.0	0.9	1.8	2.7	3.6
157.5°	4.8	4.0	3.2	2.4	1.6	0.8	0.0	0.8	1.6	2.4	3.2
160°	4.4	3.7	3.0	2.2	1.5	0.7	0.0	0.7	1.5	2.2	3.0
162.5°	3.9	3.2	2.6	1.9	1.3	0.6	0.0	0.6	1.3	1.9	2.6
165°	3.5	2.9	2.3	1.7	1.2	0.6	0.0	0.6	1.2	1.7	2.3
167.5°	2.9	2.4	1.9	1.4	1.0	0.5	0.0	0.5	1.0	1.4	1.9
170°	2.3	1.9	1.5	1.1	0.8	0.4	0.0	0.4	0.8	1.1	1.5
172.5°	1.7	1.4	1.1	0.9	0.6	0.3	0.0	0.3	0.6	0.9	1.1
175°	1.1	0.9	0.8	0.6	0.4	0.2	0.0	0.2	0.4	0.6	0.8
177.5°	0.6	0.5	0.4	0.3	0.2	0.1	0.0	0.1	0.2	0.3	0.4
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231907

CATALOG NUMBER: FVS4WM-2-LD4-50-1HI-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°	0.5	0.6	0.7	0.7	0.8	0.9	1.0	1.1	1.2	1.2	1.3
5°	0.9	1.1	1.3	1.5	1.7	1.8	2.0	2.2	2.3	2.5	2.7
7.5°	1.4	1.7	2.0	2.2	2.5	2.8	3.0	3.3	3.5	3.8	4.0
10°	1.9	2.3	2.6	3.0	3.4	3.7	4.1	4.4	4.7	5.0	5.3
12.5°	2.4	2.9	3.3	3.8	4.2	4.7	5.1	5.5	5.9	6.3	6.7
15°	2.9	3.5	4.0	4.6	5.1	5.6	6.1	6.6	7.1	7.6	8.1
17.5°	3.2	3.9	4.5	5.2	5.8	6.5	7.1	7.8	8.4	8.9	9.5
20°	3.7	4.4	5.1	5.8	6.5	7.2	7.8	8.5	9.3	10.0	10.7
22.5°	4.0	4.8	5.6	6.5	7.3	8.1	8.9	9.6	10.3	11.0	11.6
25°	4.5	5.3	6.2	7.0	7.8	8.6	9.5	10.4	11.3	12.2	13.0
27.5°	4.7	5.7	6.7	7.7	8.7	9.6	10.5	11.3	12.1	12.9	13.9
30°	5.2	6.2	7.1	8.1	9.0	10.1	11.2	12.2	13.3	14.2	15.0
32.5°	5.5	6.6	7.7	8.8	9.9	10.9	11.9	12.8	13.9	15.1	16.3
35°	5.6	6.8	7.9	9.1	10.3	11.6	12.8	14.0	14.9	15.9	17.0
37.5°	6.0	7.1	8.2	9.3	10.6	11.9	13.2	14.5	15.9	17.2	18.1
40°	6.2	7.5	8.9	10.1	11.2	12.3	13.5	14.9	16.4	17.8	19.1
42.5°	6.5	7.8	9.0	10.3	11.8	13.3	14.5	15.6	16.8	18.3	19.8
45°	6.8	8.3	9.7	11.0	12.2	13.4	15.0	16.6	17.9	19.1	20.6
47.5°	7.1	8.4	9.8	11.4	13.0	14.3	15.5	16.8	18.6	20.2	21.5
50°	7.7	9.1	10.5	11.8	13.1	14.7	16.3	17.7	19.0	20.7	22.7
52.5°	8.2	9.9	11.4	12.7	13.8	15.1	16.7	18.4	19.9	21.3	23.1
55°	8.1	9.9	11.7	13.4	14.7	15.8	17.1	18.9	20.6	22.2	23.7
57.5°	8.0	9.8	11.5	13.2	15.0	16.8	17.9	19.2	21.2	23.0	24.6
60°	7.9	9.6	11.4	13.2	14.9	16.8	18.9	20.0	21.4	23.7	25.8
62.5°	7.6	9.3	11.1	13.0	15.1	16.9	18.8	21.1	22.2	24.2	27.0
65°	7.2	8.9	10.7	12.7	14.9	17.2	19.0	20.9	23.2	24.7	27.6
67.5°	6.7	8.4	10.3	12.4	14.7	16.9	19.0	20.7	23.1	25.5	28.0
70°	6.1	7.8	9.8	12.0	14.1	16.1	18.2	20.3	22.9	25.7	28.6
72.5°	5.6	7.1	9.2	11.2	13.2	15.2	17.6	19.8	22.5	25.7	28.9
75°	5.2	6.8	8.3	10.3	12.4	14.4	16.8	19.4	21.9	25.7	29.0
77.5°	4.4	6.2	7.8	9.6	11.8	13.9	16.0	19.1	21.4	25.5	29.4
80°	3.8	5.3	7.3	9.2	11.4	13.6	15.5	18.3	21.3	25.3	29.9
82.5°	2.7	4.6	6.7	8.7	10.6	12.7	14.8	17.5	21.1	25.1	30.4
85°	1.3	4.2	6.2	8.0	9.8	11.9	14.1	16.9	20.8	25.2	30.9
87.5°	0.4	4.1	6.2	7.7	9.1	11.3	13.5	16.5	20.6	25.5	31.7
90°	0.0	4.4	6.5	7.6	8.7	10.9	13.1	16.3	20.7	26.2	32.7
92.5°	0.4	4.1	6.2	7.7	9.1	11.3	13.5	16.5	20.6	25.5	31.7
95°	1.3	4.2	6.2	8.0	9.8	11.9	14.1	16.9	20.8	25.2	30.9
97.5°	2.7	4.6	6.7	8.7	10.6	12.7	14.8	17.5	21.1	25.1	30.4
100°	3.8	5.3	7.3	9.2	11.4	13.6	15.5	18.3	21.3	25.3	29.9
102.5°	4.4	6.2	7.8	9.6	11.8	13.9	16.0	19.1	21.4	25.5	29.4
105°	5.2	6.8	8.3	10.3	12.4	14.4	16.8	19.4	21.9	25.7	29.0
107.5°	5.6	7.1	9.2	11.2	13.2	15.2	17.6	19.8	22.5	25.7	28.9
110°	6.1	7.8	9.8	12.0	14.1	16.1	18.2	20.3	22.9	25.7	28.6



TEST NUMBER: P231907

CATALOG NUMBER: FVS4WM-2-LD4-50-1HI-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°	6.7	8.4	10.3	12.4	14.7	16.9	19.0	20.7	23.1	25.5	28.0
115°	7.2	8.9	10.7	12.7	14.9	17.2	19.0	20.9	23.2	24.7	27.6
117.5°	7.6	9.3	11.1	13.0	15.1	16.9	18.8	21.1	22.2	24.2	27.0
120°	7.9	9.6	11.4	13.2	14.9	16.8	18.9	20.0	21.4	23.7	25.8
122.5°	8.0	9.8	11.5	13.2	15.0	16.8	17.9	19.2	21.2	23.0	24.6
125°	8.1	9.9	11.7	13.4	14.7	15.8	17.1	18.9	20.6	22.2	23.7
127.5°	8.2	9.9	11.4	12.7	13.8	15.1	16.7	18.4	19.9	21.3	23.1
130°	7.7	9.1	10.5	11.8	13.1	14.7	16.3	17.7	19.0	20.7	22.7
132.5°	7.1	8.4	9.8	11.4	13.0	14.3	15.5	16.8	18.6	20.2	21.5
135°	6.8	8.3	9.7	11.0	12.2	13.4	15.0	16.6	17.9	19.1	20.6
137.5°	6.5	7.8	9.0	10.3	11.8	13.3	14.5	15.6	16.8	18.3	19.8
140°	6.2	7.5	8.9	10.1	11.2	12.3	13.5	14.9	16.4	17.8	19.1
142.5°	6.0	7.1	8.2	9.3	10.6	11.9	13.2	14.5	15.9	17.2	18.1
145°	5.6	6.8	7.9	9.1	10.3	11.6	12.8	14.0	14.9	15.9	17.0
147.5°	5.5	6.6	7.7	8.8	9.9	10.9	11.9	12.8	13.9	15.1	16.3
150°	5.2	6.2	7.1	8.1	9.0	10.1	11.2	12.2	13.3	14.2	15.0
152.5°	4.7	5.7	6.7	7.7	8.7	9.6	10.5	11.3	12.1	12.9	13.9
155°	4.5	5.3	6.2	7.0	7.8	8.6	9.5	10.4	11.3	12.2	13.0
157.5°	4.0	4.8	5.6	6.5	7.3	8.1	8.9	9.6	10.3	11.0	11.6
160°	3.7	4.4	5.1	5.8	6.5	7.2	7.8	8.5	9.3	10.0	10.7
162.5°	3.2	3.9	4.5	5.2	5.8	6.5	7.1	7.8	8.4	8.9	9.5
165°	2.9	3.5	4.0	4.6	5.1	5.6	6.1	6.6	7.1	7.6	8.1
167.5°	2.4	2.9	3.3	3.8	4.2	4.7	5.1	5.5	5.9	6.3	6.7
170°	1.9	2.3	2.6	3.0	3.4	3.7	4.1	4.4	4.7	5.0	5.3
172.5°	1.4	1.7	2.0	2.2	2.5	2.8	3.0	3.3	3.5	3.8	4.0
175°	0.9	1.1	1.3	1.5	1.7	1.8	2.0	2.2	2.3	2.5	2.7
177.5°	0.5	0.6	0.7	0.7	0.8	0.9	1.0	1.1	1.2	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: P231907

CATALOG NUMBER: FVS4WM-2-LD4-50-1HI-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°	1.4	1.5	1.5	1.6	1.7	1.7	1.8	1.8	1.9	1.9	2.0
5°	2.8	2.9	3.1	3.2	3.3	3.5	3.6	3.7	3.8	3.9	3.9
7.5°	4.2	4.4	4.6	4.8	5.0	5.2	5.4	5.5	5.7	5.8	5.9
10°	5.6	5.9	6.2	6.5	6.7	6.9	7.2	7.4	7.6	7.7	7.9
12.5°	7.1	7.4	7.8	8.1	8.4	8.7	9.0	9.2	9.5	9.7	9.9
15°	8.5	8.9	9.3	9.7	10.1	10.5	10.8	11.1	11.4	11.6	11.9
17.5°	10.0	10.5	10.9	11.4	11.8	12.2	12.6	13.0	13.3	13.6	13.9
20°	11.4	12.0	12.6	13.1	13.6	14.0	14.5	14.9	15.2	15.6	15.9
22.5°	12.4	13.2	14.0	14.8	15.3	15.8	16.3	16.8	17.2	17.6	17.9
25°	13.7	14.4	15.0	15.9	16.8	17.7	18.2	18.7	19.2	19.6	20.6
27.5°	15.0	15.9	16.6	17.3	18.0	19.0	20.4	21.7	23.0	24.4	26.0
30°	15.7	16.8	18.0	19.1	20.2	21.4	23.0	24.9	26.7	28.5	30.6
32.5°	17.2	18.1	19.2	20.7	22.3	23.8	25.3	27.3	29.5	31.9	34.4
35°	18.3	19.7	20.8	22.0	23.6	25.4	27.4	29.4	31.8	34.5	37.6
37.5°	19.2	20.6	22.1	23.5	24.9	26.7	28.8	31.2	33.8	36.9	40.1
40°	20.4	21.6	22.9	24.6	26.2	27.9	30.0	32.5	35.5	38.8	42.5
42.5°	21.3	22.6	24.0	25.5	27.3	29.1	31.1	33.7	36.7	40.5	44.6
45°	22.1	23.6	25.0	26.5	28.3	30.2	32.3	34.7	37.9	41.9	46.4
47.5°	22.9	24.5	26.0	27.5	29.3	31.3	33.4	35.9	39.1	42.8	48.0
50°	24.0	25.5	27.1	28.6	30.2	32.3	34.5	37.2	41.1	45.3	50.0
52.5°	25.2	26.6	28.2	29.8	31.3	34.5	38.1	41.8	45.5	49.1	52.8
55°	25.7	27.8	29.6	32.3	35.4	38.6	42.5	46.5	50.2	53.5	56.5
57.5°	26.3	29.3	32.4	35.5	39.1	42.8	46.8	51.1	55.3	58.3	60.8
60°	28.1	30.9	34.7	38.2	42.2	46.6	50.9	55.6	60.2	63.4	65.6
62.5°	29.5	32.5	36.3	40.6	45.0	50.1	55.0	60.0	64.9	68.9	70.7
65°	30.7	33.8	37.7	42.6	47.5	53.1	58.8	64.3	69.6	74.5	76.2
67.5°	31.6	35.0	39.1	44.2	49.8	55.8	62.5	68.6	74.3	80.0	81.7
70°	32.2	36.1	40.4	45.7	51.9	58.3	65.9	72.7	78.9	84.6	86.0
72.5°	32.8	37.0	41.5	47.1	53.8	60.5	67.8	74.5	79.8	84.2	85.8
75°	33.3	38.0	42.8	48.6	55.2	61.8	68.8	75.5	80.6	84.2	85.7
77.5°	33.9	39.0	44.2	50.1	56.8	63.4	70.1	76.7	81.7	84.6	85.7
80°	34.6	40.1	45.7	51.7	58.7	65.3	71.7	78.2	83.1	85.2	85.7
82.5°	35.4	41.2	47.3	53.4	60.8	67.4	73.6	79.9	84.8	86.1	85.8
85°	36.4	42.5	49.1	55.3	63.2	69.8	75.7	81.8	86.6	87.2	86.0
87.5°	37.7	44.0	51.1	57.4	65.8	72.4	78.1	83.9	88.5	88.3	86.1
90°	39.2	45.8	53.4	59.9	68.7	75.2	80.7	86.1	90.5	89.4	86.1
92.5°	37.7	44.0	51.1	57.4	65.8	72.4	78.1	83.9	88.5	88.3	86.1
95°	36.4	42.5	49.1	55.3	63.2	69.8	75.7	81.8	86.6	87.2	86.0
97.5°	35.4	41.2	47.3	53.4	60.8	67.4	73.6	79.9	84.8	86.1	85.8
100°	34.6	40.1	45.7	51.7	58.7	65.3	71.7	78.2	83.1	85.2	85.7
102.5°	33.9	39.0	44.2	50.1	56.8	63.4	70.1	76.7	81.7	84.6	85.7
105°	33.3	38.0	42.8	48.6	55.2	61.8	68.8	75.5	80.6	84.2	85.7
107.5°	32.8	37.0	41.5	47.1	53.8	60.5	67.8	74.5	79.8	84.2	85.8
110°	32.2	36.1	40.4	45.7	51.9	58.3	65.9	72.7	78.9	84.6	86.0



TEST NUMBER: P231907

CATALOG NUMBER: FVS4WM-2-LD4-50-1HI-PA187-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	31.6	35.0	39.1	44.2	49.8	55.8	62.5	68.6	74.3	80.0	81.7
115°	30.7	33.8	37.7	42.6	47.5	53.1	58.8	64.3	69.6	74.5	76.2
117.5°	29.5	32.5	36.3	40.6	45.0	50.1	55.0	60.0	64.9	68.9	70.7
120°	28.1	30.9	34.7	38.2	42.2	46.6	50.9	55.6	60.2	63.4	65.6
122.5°	26.3	29.3	32.4	35.5	39.1	42.8	46.8	51.1	55.3	58.3	60.8
125°	25.7	27.8	29.6	32.3	35.4	38.6	42.5	46.5	50.2	53.5	56.5
127.5°	25.2	26.6	28.2	29.8	31.3	34.5	38.1	41.8	45.5	49.1	52.8
130°	24.0	25.5	27.1	28.6	30.2	32.3	34.5	37.2	41.1	45.3	50.0
132.5°	22.9	24.5	26.0	27.5	29.3	31.3	33.4	35.9	39.1	42.8	48.0
135°	22.1	23.6	25.0	26.5	28.3	30.2	32.3	34.7	37.9	41.9	46.4
137.5°	21.3	22.6	24.0	25.5	27.3	29.1	31.1	33.7	36.7	40.5	44.6
140°	20.4	21.6	22.9	24.6	26.2	27.9	30.0	32.5	35.5	38.8	42.5
142.5°	19.2	20.6	22.1	23.5	24.9	26.7	28.8	31.2	33.8	36.9	40.1
145°	18.3	19.7	20.8	22.0	23.6	25.4	27.4	29.4	31.8	34.5	37.6
147.5°	17.2	18.1	19.2	20.7	22.3	23.8	25.3	27.3	29.5	31.9	34.4
150°	15.7	16.8	18.0	19.1	20.2	21.4	23.0	24.9	26.7	28.5	30.6
152.5°	15.0	15.9	16.6	17.3	18.0	19.0	20.4	21.7	23.0	24.4	26.0
155°	13.7	14.4	15.0	15.9	16.8	17.7	18.2	18.7	19.2	19.6	20.6
157.5°	12.4	13.2	14.0	14.8	15.3	15.8	16.3	16.8	17.2	17.6	17.9
160°	11.4	12.0	12.6	13.1	13.6	14.0	14.5	14.9	15.2	15.6	15.9
162.5°	10.0	10.5	10.9	11.4	11.8	12.2	12.6	13.0	13.3	13.6	13.9
165°	8.5	8.9	9.3	9.7	10.1	10.5	10.8	11.1	11.4	11.6	11.9
167.5°	7.1	7.4	7.8	8.1	8.4	8.7	9.0	9.2	9.5	9.7	9.9
170°	5.6	5.9	6.2	6.5	6.7	6.9	7.2	7.4	7.6	7.7	7.9
172.5°	4.2	4.4	4.6	4.8	5.0	5.2	5.4	5.5	5.7	5.8	5.9
175°	2.8	2.9	3.1	3.2	3.3	3.5	3.6	3.7	3.8	3.9	3.9
177.5°	1.4	1.5	1.5	1.6	1.7	1.7	1.8	1.8	1.9	1.9	2.0
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: P231907

CATALOG NUMBER: FVS4WM-2-LD4-50-1HI-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°	2.0	2.0	2.1	2.1	2.1	2.1	2.2	2.2	2.2	2.2	2.5
5°	4.0	4.1	4.2	4.2	4.3	4.3	4.3	4.3	4.4	4.4	4.9
7.5°	6.0	6.1	6.2	6.3	6.4	6.4	6.5	6.5	6.5	6.5	7.4
10°	8.1	8.2	8.3	8.4	8.5	8.6	8.6	8.7	8.7	8.7	9.8
12.5°	10.1	10.3	10.4	10.5	10.6	10.7	10.8	10.8	10.9	10.9	12.3
15°	12.1	12.3	12.5	12.6	12.8	12.9	13.0	13.0	13.1	13.1	14.8
17.5°	14.1	14.4	14.6	14.8	14.9	15.0	15.1	15.2	15.2	15.2	17.2
20°	16.2	16.4	16.7	16.9	17.0	17.2	17.3	17.4	17.4	17.4	19.7
22.5°	18.2	18.5	18.8	19.0	19.2	19.3	19.4	19.5	19.6	19.6	22.1
25°	21.8	22.9	24.0	24.9	25.7	26.2	26.5	26.7	26.7	26.6	29.2
27.5°	27.7	29.3	30.8	32.2	33.2	33.9	34.1	34.1	33.9	33.6	36.3
30°	32.8	35.1	37.2	39.3	40.5	41.7	41.7	41.5	41.1	40.7	43.4
32.5°	37.2	40.2	43.1	45.8	47.8	49.2	49.4	49.0	48.4	47.7	50.4
35°	41.0	44.7	48.6	51.9	54.9	56.6	57.2	56.5	55.7	54.7	57.4
37.5°	44.2	48.6	53.3	57.7	62.0	63.9	65.0	64.1	63.0	61.7	64.3
40°	46.8	51.9	57.5	63.1	68.0	71.1	72.9	71.7	70.3	68.8	71.3
42.5°	48.9	54.9	61.3	68.4	74.0	78.3	80.9	79.4	77.7	75.8	78.2
45°	51.3	57.4	64.6	72.6	79.7	85.4	88.3	87.1	85.1	82.8	85.1
47.5°	53.3	58.9	66.1	73.8	81.0	87.2	90.5	90.7	89.9	89.3	93.9
50°	54.8	59.4	66.0	73.3	80.7	87.6	92.0	93.8	94.5	95.9	103.0
52.5°	57.0	61.0	66.4	73.0	80.4	87.7	93.3	96.7	98.9	102.4	112.1
55°	59.8	63.0	67.2	73.1	80.3	87.8	94.5	99.4	103.3	109.0	121.5
57.5°	63.2	65.6	68.3	73.6	80.3	87.9	95.5	102.0	107.5	115.5	131.0
60°	67.1	68.5	70.1	74.5	80.6	88.1	96.5	104.4	111.7	122.1	140.5
62.5°	71.5	71.9	72.5	75.7	81.1	88.4	97.3	106.7	115.7	128.6	150.2
65°	76.3	75.7	75.3	77.2	81.7	88.7	98.1	108.9	119.7	135.2	160.0
67.5°	81.4	79.9	78.4	78.9	82.5	89.0	98.8	110.9	123.6	141.7	169.8
70°	84.6	81.8	79.3	79.0	82.0	88.2	97.9	109.9	122.6	141.0	169.0
72.5°	84.2	81.3	78.7	78.3	81.1	87.2	96.9	108.8	121.5	140.2	168.0
75°	83.9	80.8	78.1	77.6	80.3	86.4	96.1	107.7	120.6	139.5	167.8
77.5°	83.6	80.1	77.3	76.9	79.5	85.6	95.3	106.7	119.6	138.8	166.4
80°	83.3	79.5	76.5	76.3	78.8	84.9	94.6	105.7	118.7	138.0	164.9
82.5°	82.9	78.8	75.7	75.7	78.1	84.3	94.0	104.8	117.9	137.3	163.5
85°	82.6	78.0	74.8	75.2	77.4	83.7	93.5	104.0	117.0	136.6	162.0
87.5°	82.2	77.2	73.9	74.6	76.8	83.2	93.0	103.2	116.3	135.8	160.6
90°	81.7	76.3	73.0	74.1	76.3	82.8	92.6	102.4	115.5	135.1	159.1
92.5°	82.2	77.2	73.9	74.6	76.8	83.2	93.0	103.2	116.3	135.8	160.6
95°	82.6	78.0	74.8	75.2	77.4	83.7	93.5	104.0	117.0	136.6	162.0
97.5°	82.9	78.8	75.7	75.7	78.1	84.3	94.0	104.8	117.9	137.3	163.5
100°	83.3	79.5	76.5	76.3	78.8	84.9	94.6	105.7	118.7	138.0	164.9
102.5°	83.6	80.1	77.3	76.9	79.5	85.6	95.3	106.7	119.6	138.8	166.4
105°	83.9	80.8	78.1	77.6	80.3	86.4	96.1	107.7	120.6	139.5	167.8
107.5°	84.2	81.3	78.7	78.3	81.1	87.2	96.9	108.8	121.5	140.2	168.0
110°	84.6	81.8	79.3	79.0	82.0	88.2	97.9	109.9	122.6	141.0	169.0





TEST NUMBER: P231907

CATALOG NUMBER: FVS4WM-2-LD4-50-1HI-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°	81.4	79.9	78.4	78.9	82.5	89.0	98.8	110.9	123.6	141.7	169.8
115°	76.3	75.7	75.3	77.2	81.7	88.7	98.1	108.9	119.7	135.2	160.0
117.5°	71.5	71.9	72.5	75.7	81.1	88.4	97.3	106.7	115.7	128.6	150.2
120°	67.1	68.5	70.1	74.5	80.6	88.1	96.5	104.4	111.7	122.1	140.5
122.5°	63.2	65.6	68.3	73.6	80.3	87.9	95.5	102.0	107.5	115.5	131.0
125°	59.8	63.0	67.2	73.1	80.3	87.8	94.5	99.4	103.3	109.0	121.5
127.5°	57.0	61.0	66.4	73.0	80.4	87.7	93.3	96.7	98.9	102.4	112.1
130°	54.8	59.4	66.0	73.3	80.7	87.6	92.0	93.8	94.5	95.9	103.0
132.5°	53.3	58.9	66.1	73.8	81.0	87.2	90.5	90.7	89.9	89.3	93.9
135°	51.3	57.4	64.6	72.6	79.7	85.4	88.3	87.1	85.1	82.8	85.1
137.5°	48.9	54.9	61.3	68.4	74.0	78.3	80.9	79.4	77.7	75.8	78.2
140°	46.8	51.9	57.5	63.1	68.0	71.1	72.9	71.7	70.3	68.8	71.3
142.5°	44.2	48.6	53.3	57.7	62.0	63.9	65.0	64.1	63.0	61.7	64.3
145°	41.0	44.7	48.6	51.9	54.9	56.6	57.2	56.5	55.7	54.7	57.4
147.5°	37.2	40.2	43.1	45.8	47.8	49.2	49.4	49.0	48.4	47.7	50.4
150°	32.8	35.1	37.2	39.3	40.5	41.7	41.7	41.5	41.1	40.7	43.4
152.5°	27.7	29.3	30.8	32.2	33.2	33.9	34.1	34.1	33.9	33.6	36.3
155°	21.8	22.9	24.0	24.9	25.7	26.2	26.5	26.7	26.7	26.6	29.2
157.5°	18.2	18.5	18.8	19.0	19.2	19.3	19.4	19.5	19.6	19.6	22.1
160°	16.2	16.4	16.7	16.9	17.0	17.2	17.3	17.4	17.4	17.4	19.7
162.5°	14.1	14.4	14.6	14.8	14.9	15.0	15.1	15.2	15.2	15.2	17.2
165°	12.1	12.3	12.5	12.6	12.8	12.9	13.0	13.0	13.1	13.1	14.8
167.5°	10.1	10.3	10.4	10.5	10.6	10.7	10.8	10.8	10.9	10.9	12.3
170°	8.1	8.2	8.3	8.4	8.5	8.6	8.6	8.7	8.7	8.7	9.8
172.5°	6.0	6.1	6.2	6.3	6.4	6.4	6.5	6.5	6.5	6.5	7.4
175°	4.0	4.1	4.2	4.2	4.3	4.3	4.3	4.3	4.4	4.4	4.9
177.5°	2.0	2.0	2.1	2.1	2.1	2.1	2.2	2.2	2.2	2.2	2.5
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: P231907

CATALOG NUMBER: FVS4WM-2-LD4-50-1HI-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°	2.7	3.0	3.3	3.5	3.8	4.0	4.3	4.5	4.7	4.9	5.1
5°	5.5	6.0	6.6	7.1	7.6	8.1	8.5	9.0	9.5	9.9	10.3
7.5°	8.2	9.0	9.8	10.6	11.4	12.1	12.9	13.9	15.0	16.0	16.9
10°	10.9	12.0	13.1	14.1	15.2	16.7	18.1	19.5	20.8	22.1	23.5
12.5°	13.7	15.0	16.4	17.9	19.7	21.5	23.2	24.9	26.6	28.1	29.5
15°	16.4	18.0	19.7	21.9	24.1	26.2	28.2	30.1	31.9	33.7	35.7
17.5°	19.1	21.0	23.4	25.9	28.4	30.8	32.9	35.0	37.1	39.1	41.1
20°	21.9	24.1	27.0	29.8	32.6	35.0	37.4	39.7	42.0	44.3	46.5
22.5°	24.6	27.3	30.5	33.6	36.4	39.1	41.7	44.2	46.7	49.2	51.8
25°	31.7	34.6	37.8	40.8	43.3	45.7	47.9	50.0	52.0	53.9	56.6
27.5°	38.8	42.2	45.7	48.7	51.4	53.8	56.0	58.2	60.4	62.4	63.9
30°	45.9	49.7	53.5	56.5	59.6	61.7	63.9	66.3	68.6	70.2	71.6
32.5°	53.2	57.2	61.0	64.2	67.0	69.3	71.7	74.2	76.1	77.5	79.5
35°	60.4	64.7	68.5	71.9	74.4	76.8	79.3	81.8	83.1	84.8	87.3
37.5°	67.6	72.1	76.0	79.5	81.6	84.0	86.8	88.6	90.0	92.1	94.9
40°	74.7	79.4	83.4	86.6	88.6	91.3	93.9	95.1	96.7	98.9	103.0
42.5°	81.9	86.7	90.7	93.5	95.4	98.4	100.3	101.3	103.2	106.2	110.7
45°	89.0	93.8	98.0	100.3	102.4	105.4	106.5	107.6	109.2	113.5	118.3
47.5°	100.4	107.4	113.1	115.3	116.4	116.7	115.5	114.5	115.9	120.6	125.4
50°	112.4	122.1	130.2	134.2	134.4	133.5	132.3	131.6	132.5	134.2	136.1
52.5°	124.7	137.3	147.6	153.7	151.8	150.2	149.3	148.9	150.3	151.8	154.5
55°	137.4	152.9	165.4	172.6	168.5	166.9	166.4	166.6	167.7	168.8	171.9
57.5°	150.3	169.0	183.8	190.5	184.8	183.6	183.5	184.0	184.7	185.7	188.4
60°	163.5	185.3	202.5	208.0	201.5	200.3	200.6	201.0	201.3	202.0	203.4
62.5°	176.9	202.0	221.5	225.0	218.2	217.3	217.8	217.9	217.5	217.5	217.5
65°	190.4	219.0	240.8	241.8	234.9	234.3	234.8	234.4	233.3	232.3	230.5
67.5°	204.1	236.1	260.4	258.2	251.5	251.3	251.6	250.5	248.7	246.3	242.7
70°	203.9	237.6	264.7	265.2	262.3	262.8	263.2	262.7	261.4	258.8	254.2
72.5°	203.0	237.8	266.9	271.0	270.9	270.5	269.5	268.5	266.4	262.6	258.3
75°	202.0	237.8	269.1	277.7	279.7	277.8	275.6	274.4	271.3	266.2	261.8
77.5°	200.9	237.7	271.3	285.2	288.6	284.8	281.5	280.2	275.9	269.7	265.3
80°	200.7	237.4	273.4	293.3	297.6	291.6	287.4	286.1	280.4	273.2	269.0
82.5°	198.7	238.0	276.8	301.7	306.6	298.2	293.2	291.9	284.9	276.7	272.7
85°	196.8	236.7	277.9	310.9	315.7	304.5	298.8	297.7	289.3	280.2	276.6
87.5°	194.8	235.5	279.0	318.9	324.6	311.4	304.7	303.6	293.8	283.7	280.4
90°	192.9	234.3	280.1	327.0	333.5	318.2	310.6	309.5	298.6	287.7	284.5
92.5°	194.8	235.5	279.0	318.9	324.6	311.4	304.7	303.6	293.8	283.7	280.4
95°	196.8	236.7	277.9	310.9	315.7	304.5	298.8	297.7	289.3	280.2	276.6
97.5°	198.7	238.0	276.8	301.7	306.6	298.2	293.2	291.9	284.9	276.7	272.7
100°	200.7	237.4	273.4	293.3	297.6	291.6	287.4	286.1	280.4	273.2	269.0
102.5°	200.9	237.7	271.3	285.2	288.6	284.8	281.5	280.2	275.9	269.7	265.3
105°	202.0	237.8	269.1	277.7	279.7	277.8	275.6	274.4	271.3	266.2	261.8
107.5°	203.0	237.8	266.9	271.0	270.9	270.5	269.5	268.5	266.4	262.6	258.3
110°	203.9	237.6	264.7	265.2	262.3	262.8	263.2	262.7	261.4	258.8	254.2



TEST NUMBER: P231907

CATALOG NUMBER: FVS4WM-2-LD4-50-1HI-PA187-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	204.1	236.1	260.4	258.2	251.5	251.3	251.6	250.5	248.7	246.3	242.7
115°	190.4	219.0	240.8	241.8	234.9	234.3	234.8	234.4	233.3	232.3	230.5
117.5°	176.9	202.0	221.5	225.0	218.2	217.3	217.8	217.9	217.5	217.5	217.5
120°	163.5	185.3	202.5	208.0	201.5	200.3	200.6	201.0	201.3	202.0	203.4
122.5°	150.3	169.0	183.8	190.5	184.8	183.6	183.5	184.0	184.7	185.7	188.4
125°	137.4	152.9	165.4	172.6	168.5	166.9	166.4	166.6	167.7	168.8	171.9
127.5°	124.7	137.3	147.6	153.7	151.8	150.2	149.3	148.9	150.3	151.8	154.5
130°	112.4	122.1	130.2	134.2	134.4	133.5	132.3	131.6	132.5	134.2	136.1
132.5°	100.4	107.4	113.1	115.3	116.4	116.7	115.5	114.5	115.9	120.6	125.4
135°	89.0	93.8	98.0	100.3	102.4	105.4	106.5	107.6	109.2	113.5	118.3
137.5°	81.9	86.7	90.7	93.5	95.4	98.4	100.3	101.3	103.2	106.2	110.7
140°	74.7	79.4	83.4	86.6	88.6	91.3	93.9	95.1	96.7	98.9	103.0
142.5°	67.6	72.1	76.0	79.5	81.6	84.0	86.8	88.6	90.0	92.1	94.9
145°	60.4	64.7	68.5	71.9	74.4	76.8	79.3	81.8	83.1	84.8	87.3
147.5°	53.2	57.2	61.0	64.2	67.0	69.3	71.7	74.2	76.1	77.5	79.5
150°	45.9	49.7	53.5	56.5	59.6	61.7	63.9	66.3	68.6	70.2	71.6
152.5°	38.8	42.2	45.7	48.7	51.4	53.8	56.0	58.2	60.4	62.4	63.9
155°	31.7	34.6	37.8	40.8	43.3	45.7	47.9	50.0	52.0	53.9	56.6
157.5°	24.6	27.3	30.5	33.6	36.4	39.1	41.7	44.2	46.7	49.2	51.8
160°	21.9	24.1	27.0	29.8	32.6	35.0	37.4	39.7	42.0	44.3	46.5
162.5°	19.1	21.0	23.4	25.9	28.4	30.8	32.9	35.0	37.1	39.1	41.1
165°	16.4	18.0	19.7	21.9	24.1	26.2	28.2	30.1	31.9	33.7	35.7
167.5°	13.7	15.0	16.4	17.9	19.7	21.5	23.2	24.9	26.6	28.1	29.5
170°	10.9	12.0	13.1	14.1	15.2	16.7	18.1	19.5	20.8	22.1	23.5
172.5°	8.2	9.0	9.8	10.6	11.4	12.1	12.9	13.9	15.0	16.0	16.9
175°	5.5	6.0	6.6	7.1	7.6	8.1	8.5	9.0	9.5	9.9	10.3
177.5°	2.7	3.0	3.3	3.5	3.8	4.0	4.3	4.5	4.7	4.9	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: P231907

CATALOG NUMBER: FVS4WM-2-LD4-50-1HI-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°	5.3	5.5	5.7	5.9	6.0	6.1	6.3	6.4	6.5	6.6	6.7
5°	10.9	11.5	12.1	12.6	13.1	13.6	14.0	14.4	14.8	15.2	15.5
7.5°	17.8	18.7	19.5	20.3	21.1	21.8	22.5	23.1	23.6	24.2	24.7
10°	24.6	25.7	26.8	27.8	28.8	29.7	30.6	31.4	32.2	32.9	33.5
12.5°	31.0	32.4	33.7	34.9	36.2	37.3	38.4	39.4	40.4	41.4	42.5
15°	37.1	38.7	40.3	41.8	43.3	44.9	46.4	47.9	49.4	50.7	52.0
17.5°	43.0	45.1	46.8	48.8	50.7	52.6	54.4	56.0	57.6	59.1	60.6
20°	48.8	51.0	53.3	55.4	57.4	59.3	61.2	63.2	65.1	66.9	68.6
22.5°	54.3	56.7	58.9	61.0	63.2	65.8	68.2	70.6	72.7	74.2	75.5
25°	59.0	61.3	63.9	66.7	69.7	72.6	75.4	77.8	79.8	81.8	83.7
27.5°	65.2	66.9	69.5	73.0	76.8	80.3	83.8	86.8	89.7	92.2	94.2
30°	73.6	76.1	78.9	82.4	85.8	89.9	94.2	97.9	101.1	103.8	106.3
32.5°	82.1	85.1	88.9	92.8	97.3	101.7	106.1	110.1	113.7	116.9	119.6
35°	90.4	94.5	98.8	103.6	108.5	113.5	118.2	122.7	126.9	131.1	135.3
37.5°	99.1	103.6	108.7	114.0	119.6	125.1	130.3	135.4	140.8	146.5	151.1
40°	107.5	112.7	118.3	124.6	130.7	136.7	142.7	148.7	154.8	160.9	167.3
42.5°	115.8	121.4	128.3	135.1	141.7	148.4	155.0	162.2	169.8	177.4	185.7
45°	123.5	130.7	138.1	145.5	152.7	159.8	168.0	176.1	184.9	194.7	206.3
47.5°	132.0	139.8	147.9	155.7	163.2	172.1	180.9	190.0	201.0	213.4	228.9
50°	141.0	149.0	157.5	165.4	174.5	184.0	193.1	204.5	218.1	234.7	253.5
52.5°	158.9	164.0	169.0	175.4	186.2	194.6	205.7	219.5	236.7	257.3	282.4
55°	175.6	179.6	184.1	190.5	197.6	205.4	218.1	235.3	256.3	282.4	311.8
57.5°	190.8	193.6	197.7	203.6	210.4	221.7	235.1	251.5	277.7	307.7	341.3
60°	204.7	206.3	209.9	215.6	225.1	238.4	253.1	274.7	301.1	331.6	375.2
62.5°	217.4	218.0	220.6	226.8	240.6	254.6	271.9	295.4	325.1	365.2	410.4
65°	229.0	228.5	231.3	240.2	255.7	268.8	288.7	316.3	352.4	396.3	445.3
67.5°	239.7	237.6	241.3	254.4	268.8	283.2	304.5	335.1	377.7	424.6	477.5
70°	249.5	245.9	250.6	268.4	280.3	295.4	320.5	356.4	400.1	448.4	506.9
72.5°	254.7	253.5	261.9	280.7	290.5	305.7	334.2	374.3	418.1	470.1	529.2
75°	258.3	259.4	271.5	288.9	301.3	318.3	348.5	388.8	431.3	486.8	548.0
77.5°	262.2	265.1	280.3	297.6	311.7	331.6	363.6	403.2	447.4	501.8	562.9
80°	266.2	270.8	288.5	306.5	321.6	342.8	376.1	415.1	461.0	516.1	580.4
82.5°	270.3	276.4	295.9	315.5	330.9	352.1	386.1	424.4	470.6	526.1	593.1
85°	274.6	281.9	302.7	324.2	339.6	359.9	393.8	431.1	476.4	531.9	600.9
87.5°	278.9	287.2	309.0	332.9	348.1	366.7	400.2	436.6	480.1	535.5	606.1
90°	283.4	292.1	313.9	340.0	355.3	371.7	403.3	438.1	478.5	531.9	601.6
92.5°	278.9	287.2	309.0	332.9	348.1	366.7	400.2	436.6	480.1	535.5	606.1
95°	274.6	281.9	302.7	324.2	339.6	359.9	393.8	431.1	476.4	531.9	600.9
97.5°	270.3	276.4	295.9	315.5	330.9	352.1	386.1	424.4	470.6	526.1	593.1
100°	266.2	270.8	288.5	306.5	321.6	342.8	376.1	415.1	461.0	516.1	580.4
102.5°	262.2	265.1	280.3	297.6	311.7	331.6	363.6	403.2	447.4	501.8	562.9
105°	258.3	259.4	271.5	288.9	301.3	318.3	348.5	388.8	431.3	486.8	548.0
107.5°	254.7	253.5	261.9	280.7	290.5	305.7	334.2	374.3	418.1	470.1	529.2
110°	249.5	245.9	250.6	268.4	280.3	295.4	320.5	356.4	400.1	448.4	506.9



TEST NUMBER: P231907

CATALOG NUMBER: FVS4WM-2-LD4-50-1HI-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°	239.7	237.6	241.3	254.4	268.8	283.2	304.5	335.1	377.7	424.6	477.5
115°	229.0	228.5	231.3	240.2	255.7	268.8	288.7	316.3	352.4	396.3	445.3
117.5°	217.4	218.0	220.6	226.8	240.6	254.6	271.9	295.4	325.1	365.2	410.4
120°	204.7	206.3	209.9	215.6	225.1	238.4	253.1	274.7	301.1	331.6	375.2
122.5°	190.8	193.6	197.7	203.6	210.4	221.7	235.1	251.5	277.7	307.7	341.3
125°	175.6	179.6	184.1	190.5	197.6	205.4	218.1	235.3	256.3	282.4	311.8
127.5°	158.9	164.0	169.0	175.4	186.2	194.6	205.7	219.5	236.7	257.3	282.4
130°	141.0	149.0	157.5	165.4	174.5	184.0	193.1	204.5	218.1	234.7	253.5
132.5°	132.0	139.8	147.9	155.7	163.2	172.1	180.9	190.0	201.0	213.4	228.9
135°	123.5	130.7	138.1	145.5	152.7	159.8	168.0	176.1	184.9	194.7	206.3
137.5°	115.8	121.4	128.3	135.1	141.7	148.4	155.0	162.2	169.8	177.4	185.7
140°	107.5	112.7	118.3	124.6	130.7	136.7	142.7	148.7	154.8	160.9	167.3
142.5°	99.1	103.6	108.7	114.0	119.6	125.1	130.3	135.4	140.8	146.5	151.1
145°	90.4	94.5	98.8	103.6	108.5	113.5	118.2	122.7	126.9	131.1	135.3
147.5°	82.1	85.1	88.9	92.8	97.3	101.7	106.1	110.1	113.7	116.9	119.6
150°	73.6	76.1	78.9	82.4	85.8	89.9	94.2	97.9	101.1	103.8	106.3
152.5°	65.2	66.9	69.5	73.0	76.8	80.3	83.8	86.8	89.7	92.2	94.2
155°	59.0	61.3	63.9	66.7	69.7	72.6	75.4	77.8	79.8	81.8	83.7
157.5°	54.3	56.7	58.9	61.0	63.2	65.8	68.2	70.6	72.7	74.2	75.5
160°	48.8	51.0	53.3	55.4	57.4	59.3	61.2	63.2	65.1	66.9	68.6
162.5°	43.0	45.1	46.8	48.8	50.7	52.6	54.4	56.0	57.6	59.1	60.6
165°	37.1	38.7	40.3	41.8	43.3	44.9	46.4	47.9	49.4	50.7	52.0
167.5°	31.0	32.4	33.7	34.9	36.2	37.3	38.4	39.4	40.4	41.4	42.5
170°	24.6	25.7	26.8	27.8	28.8	29.7	30.6	31.4	32.2	32.9	33.5
172.5°	17.8	18.7	19.5	20.3	21.1	21.8	22.5	23.1	23.6	24.2	24.7
175°	10.9	11.5	12.1	12.6	13.1	13.6	14.0	14.4	14.8	15.2	15.5
177.5°	5.3	5.5	5.7	5.9	6.0	6.1	6.3	6.4	6.5	6.6	6.7
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231907

CATALOG NUMBER: FVS4WM-2-LD4-50-1HI-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°	6.7	6.8	6.8	6.8	6.9	6.9	7.1	7.0	6.9	6.8	6.7
5°	15.8	16.0	16.2	16.4	16.5	16.6	16.7	16.7	17.0	16.8	16.7
7.5°	25.1	25.5	25.8	26.1	26.3	26.5	26.6	26.7	26.7	26.9	26.7
10°	34.1	34.7	35.1	35.5	35.9	36.1	36.3	36.5	36.5	36.8	36.6
12.5°	43.4	44.3	45.1	45.8	46.5	47.0	47.5	47.8	48.1	48.2	48.5
15°	53.1	54.2	55.2	56.2	57.0	57.7	58.4	58.9	59.4	59.7	60.2
17.5°	62.0	63.2	64.4	65.4	66.2	67.0	67.6	68.1	68.5	68.7	69.1
20°	70.2	71.4	72.0	72.4	72.7	72.7	72.6	72.4	72.1	71.6	71.1
22.5°	76.5	77.2	78.0	78.7	79.0	79.1	79.0	78.6	78.0	77.2	76.5
25°	85.2	86.4	87.2	87.7	87.9	87.7	87.3	86.6	85.6	84.4	82.9
27.5°	95.8	97.0	97.7	98.3	98.9	99.2	99.1	98.6	97.8	96.7	95.3
30°	108.1	109.8	111.2	112.2	114.3	116.1	117.6	118.6	119.3	119.4	119.0
32.5°	122.3	125.8	129.0	132.0	134.8	137.4	139.5	141.2	142.4	143.1	143.3
35°	139.4	143.6	147.7	151.5	155.4	160.8	165.7	170.1	174.0	177.1	179.3
37.5°	156.1	161.5	168.6	175.6	182.6	189.6	195.9	201.6	206.4	210.3	213.2
40°	174.8	182.8	192.1	201.4	210.1	219.8	230.3	240.0	248.6	256.0	262.1
42.5°	195.7	206.1	217.6	231.6	245.2	259.0	274.4	288.7	301.6	312.9	322.4
45°	218.6	233.7	248.5	267.5	287.0	307.8	325.6	344.1	360.7	375.3	387.6
47.5°	245.4	265.5	286.5	308.3	333.2	357.2	382.0	407.2	430.6	451.9	470.4
50°	276.9	301.0	327.7	354.1	383.4	414.6	446.9	480.6	510.9	537.5	560.1
52.5°	309.9	338.9	372.1	405.1	442.5	482.9	523.2	561.8	594.8	622.4	644.5
55°	343.5	381.4	421.3	466.2	511.9	560.1	605.9	646.3	677.5	699.7	714.0
57.5°	382.3	427.8	476.5	529.5	586.3	641.9	698.6	731.2	750.3	762.7	769.0
60°	423.2	474.8	531.2	591.2	655.4	713.6	763.6	794.5	802.5	808.3	811.6
62.5°	461.8	519.1	581.5	648.3	709.1	763.7	801.5	830.5	838.2	843.6	846.3
65°	499.6	557.6	624.6	692.3	752.3	799.9	837.4	860.4	869.2	874.8	878.7
67.5°	535.2	596.6	663.5	733.5	796.0	850.0	878.4	890.1	894.3	899.4	904.5
70°	566.7	634.1	705.9	780.0	857.0	892.4	909.3	913.1	915.1	920.5	927.4
72.5°	594.3	666.4	745.0	827.6	890.6	922.5	929.0	931.7	936.6	942.1	948.6
75°	617.4	696.9	778.3	854.8	909.7	935.9	942.3	945.5	952.7	963.1	968.6
77.5°	635.5	722.3	799.8	874.4	924.5	946.6	952.3	955.4	969.7	980.9	983.4
80°	656.7	737.4	813.0	892.7	944.0	959.4	963.9	972.7	983.1	990.8	987.5
82.5°	672.8	751.8	833.7	909.4	954.1	969.6	976.1	983.6	989.5	993.7	995.6
85°	681.4	761.1	846.9	923.9	961.3	973.2	980.3	984.0	983.6	994.3	1008.0
87.5°	685.9	764.7	852.1	933.1	967.1	973.4	973.3	977.0	985.4	1001.4	1005.8
90°	677.9	761.8	849.0	935.1	970.0	972.2	963.5	971.1	997.2	1010.3	1007.1
92.5°	685.9	764.7	852.1	933.1	967.1	973.4	973.3	977.0	985.4	1001.4	1005.8
95°	681.4	761.1	846.9	923.9	961.3	973.2	980.3	984.0	983.6	994.3	1008.0
97.5°	672.8	751.8	833.7	909.4	954.1	969.6	976.1	983.6	989.5	993.7	995.6
100°	656.7	737.4	813.0	892.7	944.0	959.4	963.9	972.7	983.1	990.8	987.5
102.5°	635.5	722.3	799.8	874.4	924.5	946.6	952.3	955.4	969.7	980.9	983.4
105°	617.4	696.9	778.3	854.8	909.7	936.0	942.3	945.5	952.7	963.1	968.6
107.5°	594.3	666.4	745.0	827.6	890.6	922.5	929.0	931.7	936.6	942.1	948.6
110°	566.7	634.1	705.9	780.0	857.0	892.4	909.3	913.1	915.1	920.5	927.4



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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°	535.2	596.6	663.5	733.5	796.0	850.0	878.4	890.1	894.3	899.4	904.5
115°	499.6	557.6	624.6	692.3	752.3	799.9	837.4	860.4	869.2	874.8	878.7
117.5°	461.8	519.1	581.5	648.3	709.1	763.7	801.5	830.5	838.2	843.6	846.3
120°	423.2	474.8	531.2	591.2	655.4	713.6	763.6	794.5	802.5	808.3	811.6
122.5°	382.3	427.8	476.5	529.5	586.3	641.9	698.6	731.2	750.3	762.7	769.0
125°	343.5	381.4	421.3	466.2	511.9	560.1	605.9	646.3	677.5	699.7	714.0
127.5°	309.9	338.9	372.1	405.1	442.5	482.9	523.2	561.8	594.8	622.4	644.5
130°	276.9	301.0	327.7	354.1	383.4	414.6	446.9	480.6	510.9	537.5	560.1
132.5°	245.4	265.5	286.5	308.3	333.2	357.2	382.0	407.2	430.6	451.9	470.4
135°	218.6	233.7	248.5	267.5	287.0	307.8	325.6	344.1	360.7	375.3	387.6
137.5°	195.7	206.1	217.6	231.6	245.2	259.0	274.4	288.7	301.6	312.9	322.4
140°	174.8	182.8	192.1	201.4	210.1	219.8	230.3	240.0	248.6	256.0	262.1
142.5°	156.1	161.5	168.6	175.6	182.6	189.6	195.9	201.6	206.4	210.3	213.2
145°	139.4	143.6	147.7	151.5	155.4	160.8	165.7	170.1	174.0	177.1	179.3
147.5°	122.3	125.8	129.0	132.0	134.8	137.4	139.5	141.2	142.4	143.1	143.3
150°	108.1	109.8	111.2	112.2	114.3	116.1	117.6	118.6	119.3	119.4	119.0
152.5°	95.8	97.0	97.7	98.3	98.9	99.2	99.1	98.6	97.8	96.7	95.3
155°	85.2	86.4	87.2	87.7	87.9	87.7	87.3	86.6	85.6	84.4	82.9
157.5°	76.5	77.2	78.0	78.7	79.0	79.1	79.0	78.6	78.0	77.2	76.5
160°	70.2	71.4	72.0	72.4	72.7	72.7	72.6	72.4	72.1	71.6	71.1
162.5°	62.0	63.2	64.4	65.4	66.2	67.0	67.6	68.1	68.5	68.7	69.1
165°	53.1	54.2	55.2	56.2	57.0	57.7	58.4	58.9	59.4	59.7	60.2
167.5°	43.4	44.3	45.1	45.8	46.5	47.0	47.5	47.8	48.1	48.2	48.5
170°	34.1	34.7	35.1	35.5	35.9	36.1	36.3	36.5	36.5	36.8	36.6
172.5°	25.1	25.5	25.8	26.1	26.3	26.5	26.6	26.7	26.7	26.9	26.7
175°	15.8	16.0	16.2	16.4	16.5	16.6	16.7	16.7	17.0	16.8	16.7
177.5°	6.7	6.8	6.8	6.8	6.9	6.9	7.1	7.0	6.9	6.8	6.7
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
0°	0.0	0.0
2.5°	6.6	6.5
5°	16.5	16.3
7.5°	26.4	26.2
10°	36.3	36.0
12.5°	48.2	48.0
15°	60.0	59.9
17.5°	68.9	68.7
20°	70.5	69.8
22.5°	75.3	74.1
25°	81.4	79.6
27.5°	93.7	91.6
30°	118.4	116.6
32.5°	143.2	141.7
35°	181.2	180.9
37.5°	215.6	215.8
40°	267.5	269.2
42.5°	330.9	334.6
45°	398.9	404.3
47.5°	487.8	497.0
50°	580.7	591.8
52.5°	663.9	673.5
55°	723.8	724.8
57.5°	771.8	767.3
60°	813.8	809.8
62.5°	846.4	843.6
65°	880.5	879.5
67.5°	908.4	910.1
70°	931.5	932.9
72.5°	951.6	951.5
75°	964.7	955.8
77.5°	974.1	962.4
80°	986.6	991.8
82.5°	1000.3	1003.8
85°	1009.0	1002.7
87.5°	1011.2	1004.9
90°	1013.6	1010.3
92.5°	1011.2	1004.9
95°	1009.0	1002.7
97.5°	1000.3	1003.8
100°	986.6	991.8
102.5°	974.1	962.4
105°	964.7	955.8
107.5°	951.6	951.5
110°	931.5	932.9





TEST NUMBER: P231907

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**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
112.5°	908.4	910.1
115°	880.5	879.5
117.5°	846.4	843.6
120°	813.8	809.8
122.5°	771.8	767.3
125°	723.8	724.8
127.5°	663.9	673.5
130°	580.7	591.8
132.5°	487.8	497.0
135°	398.9	404.3
137.5°	330.9	334.6
140°	267.5	269.2
142.5°	215.6	215.8
145°	181.2	180.9
147.5°	143.2	141.7
150°	118.4	116.6
152.5°	93.7	91.6
155°	81.4	79.6
157.5°	75.3	74.1
160°	70.5	69.8
162.5°	68.9	68.7
165°	60.0	59.9
167.5°	48.2	48.0
170°	36.3	36.0
172.5°	26.4	26.2
175°	16.5	16.3
177.5°	6.6	6.5
180°	0.0	0.0

(END OF REPORT)