

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: P231944

Luminaire Tested: **FVS4WM-4-LD4-30-1LO-P125-UNV-EDC1**

Issue Date: 3/3/2020



**Test Information**

Test Method: LM-79-08  
Report Number: P231944  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1706-121-13)  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: FAIL-SAFE  
Catalog Number: FVS4WM-4-LD4-30-1LO-P125-UNV-EDC1  
Description: FAILSAFE FVS LED FIXTURE  
4FT LENGTH, 1-MODULE LED WITH P125 LENS  
Light Source: (84) 3000K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

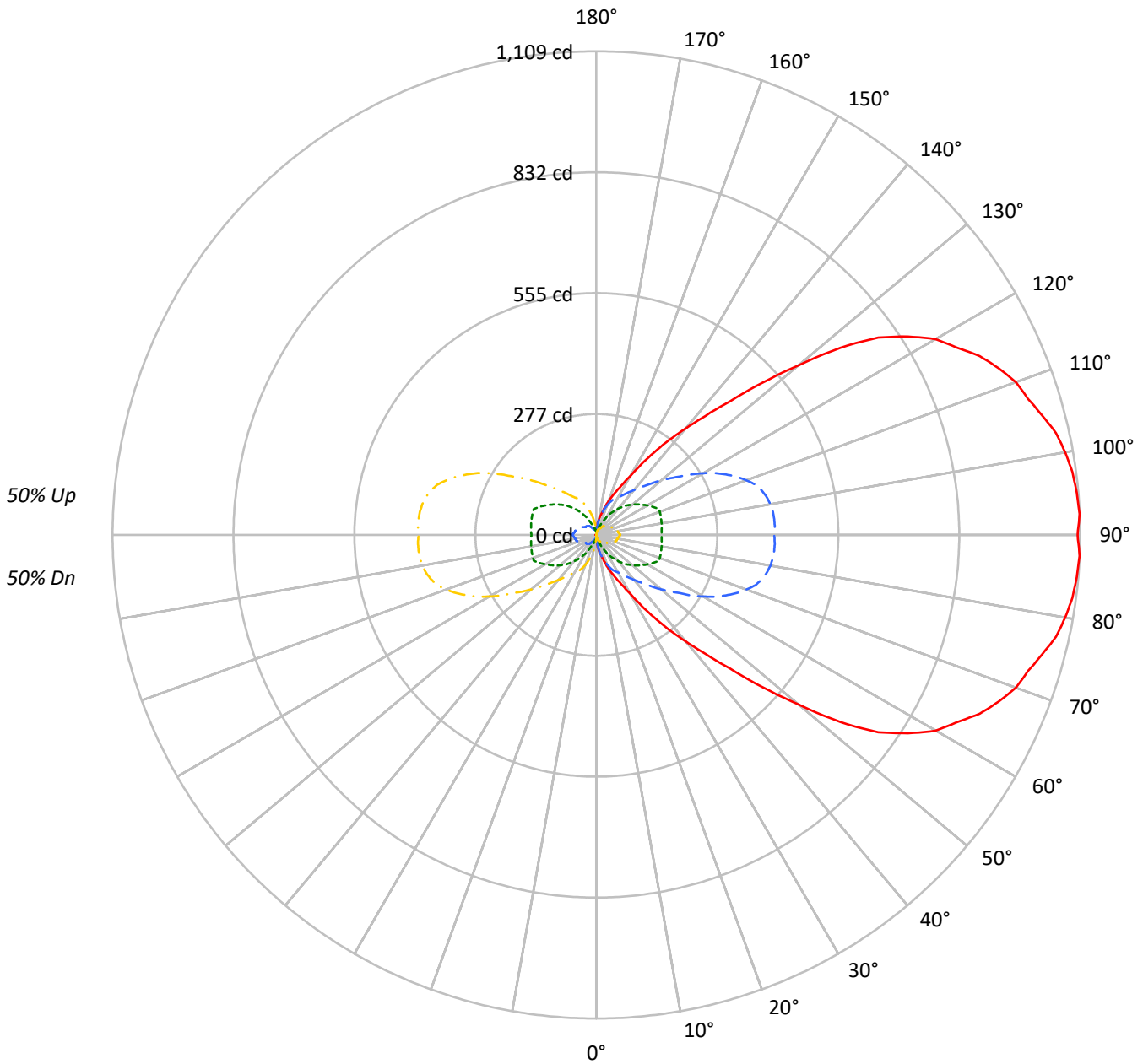
Lumens per Lamp: N/A  
Luminaire Lumens: 2592.8 lumens  
Efficiency: N/A  
Efficacy: 109.9 lumens/watt  
Spacing Criteria (0/90/45): 24.39 / 15.77 / 16.45  
Luminous Opening: Rectangular w/ Sides (W: 3.79' x L: 0.19' x H: 0.31')  
CIE Type: General Diffuse

Input Watts (W): 23.6  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT

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### Luminous Intensity Polar Plot



— 0°-180°    - - - 45°-225°    - - - - 90°-270°    - - - - 135°-315°



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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

RF	20				20				20				20				20	
RC	80				70				50				30				10	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	107	107	107	107	99	99	99	99	83	83	83	69	69	69	56	56	56	50
1	91	83	77	71	83	76	70	65	63	58	54	50	47	43	39	36	33	28
2	80	69	60	53	72	63	55	48	51	45	39	40	35	31	30	26	23	18
3	71	59	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	30	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	12	8	5
7	49	35	25	19	44	32	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	36	23	16	11	19	13	9	15	10	6	11	7	4	2

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

	0°	90°	180°	270°
0°	9	9	9	9
5°	287	89	8	89
10°	472	170	7	170
15°	601	253	7	253
20°	831	341	6	341
25°	1059	520	6	520
30°	1394	799	5	799
35°	1967	1108	5	1108
40°	2622	1460	5	1460
45°	3474	1871	5	1871
50°	4771	2318	5	2318
55°	6160	2872	5	2872
60°	6996	3580	5	3580
65°	7596	4524	9	4524
70°	8121	5580	10	5580
75°	8571	6854	10	6854
80°	9103	9014	0	9014
85°	9576	13444	0	13444



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	1.3	0.0
10°-20°	8.4	0.3
20°-30°	23.5	0.9
30°-40°	52.1	2.0
40°-50°	101.7	3.9
50°-60°	180.1	6.9
60°-70°	262.3	10.1
70°-80°	319.1	12.3
80°-90°	347.9	13.4
90°-100°	347.9	13.4
100°-110°	319.1	12.3
110°-120°	262.3	10.1
120°-130°	180.1	6.9
130°-140°	101.7	3.9
140°-150°	52.1	2.0
150°-160°	23.5	0.9
160°-170°	8.4	0.3
170°-180°	1.3	0.0
0°-30°	33.2	1.3
0°-40°	85.3	3.3
0°-60°	367.1	14.2
0°-90°	1296.4	50.0
90°-120°	929.3	35.8
90°-150°	1263.2	48.7
90°-180°	1296.0	50.0
0°-180°	2592.8	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	1	1	1	1	1	
5°	22	6	1	6	22	3
15°	56	16	1	16	56	17
25°	113	32	1	32	113	54
35°	231	63	1	63	231	149
45°	433	95	1	95	433	348
55°	789	122	1	122	789	696
65°	970	149	1	149	970	959
75°	1058	153	1	153	1058	1119
85°	1105	150	0	150	1105	900
90°	1103	149	0	149	1103	606
95°	1105	150	0	150	1105	900
105°	1058	153	1	153	1058	1119
115°	970	149	1	149	970	959
125°	789	122	1	122	789	696
135°	433	95	1	95	433	348
145°	231	63	1	63	231	149
155°	113	32	1	32	113	54
165°	56	16	1	16	56	17
175°	22	6	1	6	22	3
180°	0	0	0	0	0	



TEST NUMBER: P231944

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**CANDELA DISTRIBUTION (FULL):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
2.5°	9.9	10.0	10.1	10.2	10.3	10.4	10.6	10.2	10.2	10.2	10.1
5°	21.6	21.8	22.0	22.2	22.4	22.1	22.0	21.9	21.8	21.6	21.4
7.5°	30.9	31.2	31.6	31.9	31.8	31.9	32.0	31.9	31.8	31.7	31.5
10°	39.7	40.2	40.7	41.2	41.2	41.4	41.5	41.5	41.5	41.4	41.1
12.5°	46.1	46.9	47.7	48.2	48.7	49.2	49.5	49.8	50.0	50.1	50.0
15°	55.5	56.5	57.5	58.0	58.5	59.0	59.3	59.6	59.7	59.6	59.5
17.5°	68.3	69.2	70.1	70.2	70.6	70.8	70.9	70.8	70.7	70.4	70.0
20°	82.9	83.5	84.1	83.8	83.7	83.5	83.1	82.6	82.0	81.4	80.6
22.5°	97.5	97.8	98.0	97.2	96.7	96.0	95.2	94.2	93.2	92.0	90.8
25°	112.7	112.7	112.1	111.4	110.4	109.2	107.8	106.2	104.5	102.5	100.5
27.5°	131.4	131.1	130.0	128.7	127.0	125.0	122.8	120.2	117.4	114.3	111.4
30°	156.5	155.8	153.9	151.8	149.1	145.8	142.2	138.0	133.5	128.6	124.7
32.5°	192.1	190.8	187.6	184.0	179.6	174.4	168.5	162.0	154.8	148.0	142.0
35°	230.6	229.1	225.3	220.9	215.4	208.8	201.2	192.6	183.0	173.9	164.7
37.5°	274.4	272.6	267.9	262.6	255.8	247.8	238.5	227.9	216.4	204.9	192.5
40°	318.2	316.7	312.0	306.4	299.1	290.1	279.4	267.0	253.6	239.7	224.6
42.5°	370.7	369.7	364.4	358.0	349.3	338.4	325.3	310.0	294.7	278.0	259.6
45°	432.6	431.7	425.4	417.7	407.4	394.4	378.9	363.3	342.7	321.8	299.7
47.5°	516.7	513.7	503.0	491.1	476.1	458.6	438.8	418.0	396.1	371.8	347.5
50°	604.9	600.4	587.1	571.9	552.9	530.5	505.0	479.1	452.7	424.4	396.3
52.5°	705.3	700.1	683.6	664.5	640.4	611.4	577.8	546.1	511.5	476.9	444.6
55°	788.8	785.4	771.1	753.6	730.1	700.6	664.9	622.5	574.8	532.4	492.6
57.5°	846.6	847.1	838.6	826.6	808.6	784.1	750.1	698.6	646.9	591.2	540.3
60°	898.0	898.6	891.4	882.4	869.8	853.9	818.1	766.5	709.7	649.3	591.4
62.5°	930.7	930.9	928.1	922.2	913.1	900.9	865.6	822.6	765.8	703.8	639.1
65°	969.8	968.4	963.9	956.5	946.9	931.4	904.3	866.7	814.1	751.5	682.9
67.5°	998.4	996.8	992.4	985.5	976.6	962.5	940.6	907.6	859.9	796.0	724.3
70°	1023.5	1021.3	1016.4	1009.1	999.5	987.0	972.7	944.8	903.9	841.4	767.7
72.5°	1037.5	1039.0	1037.1	1030.8	1019.5	1005.9	991.7	974.9	937.4	878.4	806.6
75°	1057.9	1057.8	1055.3	1048.8	1037.3	1022.0	1006.6	991.6	966.4	908.2	835.8
77.5°	1079.0	1073.2	1067.1	1059.3	1048.4	1036.8	1022.5	1007.9	984.0	937.4	859.0
80°	1091.2	1084.9	1075.9	1066.0	1055.1	1046.5	1036.1	1023.7	1003.6	961.2	880.1
82.5°	1100.6	1091.3	1082.3	1071.8	1064.3	1055.0	1044.7	1033.1	1014.6	975.0	902.3
85°	1105.2	1094.0	1084.5	1078.9	1070.9	1061.6	1049.8	1036.6	1019.7	985.9	915.5
87.5°	1108.7	1090.7	1089.0	1083.2	1072.7	1063.0	1051.6	1038.0	1022.2	993.1	919.7
90°	1102.9	1091.8	1086.5	1081.9	1070.2	1062.0	1051.5	1037.5	1021.7	994.3	914.9
92.5°	1108.7	1090.7	1089.0	1083.2	1072.7	1063.0	1051.6	1038.0	1022.2	993.1	919.7
95°	1105.2	1094.0	1084.5	1078.9	1070.9	1061.6	1049.8	1036.6	1019.7	985.9	915.5
97.5°	1100.6	1091.3	1082.3	1071.8	1064.3	1055.0	1044.7	1033.1	1014.6	975.0	902.3
100°	1091.2	1084.9	1075.9	1066.0	1055.1	1046.5	1036.1	1023.7	1003.6	961.2	880.1
102.5°	1079.0	1073.2	1067.1	1059.3	1048.4	1036.8	1022.5	1007.9	984.0	937.4	859.0
105°	1057.9	1057.8	1055.3	1048.8	1037.3	1022.0	1006.6	991.6	966.4	908.2	835.8
107.5°	1037.5	1039.0	1037.1	1030.8	1019.5	1005.9	991.7	974.9	937.4	878.4	806.6
110°	1023.5	1021.3	1016.4	1009.1	999.5	987.0	972.7	944.8	903.9	841.4	767.7



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**CANDELA DISTRIBUTION (continued):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
112.5°	998.4	996.8	992.4	985.5	976.6	962.5	940.6	907.6	859.9	796.0	724.3
115°	969.8	968.4	963.9	956.5	946.9	931.4	904.3	866.7	814.1	751.5	682.9
117.5°	930.7	930.9	928.1	922.2	913.1	900.9	865.6	822.6	765.8	703.8	639.1
120°	898.0	898.6	891.4	882.4	869.8	853.9	818.1	766.5	709.7	649.3	591.4
122.5°	846.6	847.1	838.6	826.6	808.6	784.1	750.1	698.6	646.9	591.2	540.3
125°	788.8	785.4	771.1	753.6	730.1	700.6	664.9	622.5	574.8	532.4	492.6
127.5°	705.3	700.1	683.6	664.5	640.4	611.4	577.8	546.1	511.5	476.9	444.6
130°	604.9	600.4	587.1	571.9	552.9	530.5	505.0	479.1	452.7	424.4	396.3
132.5°	516.7	513.7	503.0	491.1	476.1	458.6	438.8	418.0	396.1	371.8	347.5
135°	432.6	431.7	425.4	417.7	407.4	394.4	378.9	363.3	342.7	321.8	299.7
137.5°	370.7	369.7	364.4	358.0	349.3	338.4	325.3	310.0	294.7	278.0	259.6
140°	318.2	316.7	312.0	306.4	299.1	290.1	279.4	267.0	253.6	239.7	224.6
142.5°	274.4	272.6	267.9	262.6	255.8	247.8	238.5	227.9	216.4	204.9	192.5
145°	230.6	229.1	225.3	220.9	215.4	208.8	201.2	192.6	183.0	173.9	164.7
147.5°	192.1	190.8	187.6	184.0	179.6	174.4	168.5	162.0	154.8	148.0	142.0
150°	156.5	155.8	153.9	151.8	149.1	145.8	142.2	138.0	133.5	128.6	124.7
152.5°	131.4	131.1	130.0	128.7	127.0	125.0	122.8	120.2	117.4	114.3	111.4
155°	112.7	112.7	112.1	111.4	110.4	109.2	107.8	106.2	104.5	102.5	100.5
157.5°	97.5	97.8	98.0	97.2	96.7	96.0	95.2	94.2	93.2	92.0	90.8
160°	82.9	83.5	84.1	83.8	83.7	83.5	83.1	82.6	82.0	81.4	80.6
162.5°	68.3	69.2	70.1	70.2	70.6	70.8	70.9	70.8	70.7	70.4	70.0
165°	55.5	56.5	57.5	58.0	58.5	59.0	59.3	59.6	59.7	59.6	59.5
167.5°	46.1	46.9	47.7	48.2	48.7	49.2	49.5	49.8	50.0	50.1	50.0
170°	39.7	40.2	40.7	41.2	41.2	41.4	41.5	41.5	41.5	41.4	41.1
172.5°	30.9	31.2	31.6	31.9	31.8	31.9	32.0	31.9	31.8	31.7	31.5
175°	21.6	21.8	22.0	22.2	22.4	22.1	22.0	21.9	21.8	21.6	21.4
177.5°	9.9	10.0	10.1	10.2	10.3	10.4	10.6	10.2	10.2	10.2	10.1
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°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
2.5°	10.0	9.9	9.8	9.7	9.5	9.4	9.2	9.0	8.8	8.6	8.3
5°	21.2	20.9	20.5	20.1	19.7	19.2	18.7	18.2	17.6	17.0	16.4
7.5°	31.2	30.9	30.5	30.1	29.6	29.0	28.4	27.7	27.0	26.1	25.2
10°	40.9	40.5	40.0	39.5	38.9	38.2	37.4	36.5	35.5	34.5	33.4
12.5°	49.9	49.7	49.3	48.9	48.2	47.4	46.4	45.4	44.2	42.9	41.6
15°	59.2	58.8	58.2	57.7	57.0	56.2	55.3	54.2	53.0	51.5	49.9
17.5°	69.6	69.1	68.5	67.7	66.8	65.7	64.5	63.2	61.7	60.1	58.3
20°	79.8	79.1	78.3	77.4	76.5	75.6	74.3	72.7	71.0	69.1	67.0
22.5°	89.6	88.4	87.3	86.1	85.0	83.9	82.8	81.6	80.6	78.4	76.1
25°	98.8	97.1	95.5	93.9	92.4	91.1	90.0	88.8	87.6	86.4	85.5
27.5°	108.8	106.2	103.4	100.9	99.1	97.4	96.0	94.6	93.6	92.6	91.4
30°	120.8	116.6	112.7	109.3	106.0	102.8	101.0	99.4	98.7	98.6	98.4
32.5°	135.7	129.2	123.8	118.9	114.0	110.1	107.7	105.9	105.4	104.9	104.7
35°	155.0	145.7	138.2	130.4	124.6	120.8	117.0	114.7	112.4	111.4	110.8
37.5°	179.1	167.4	156.0	147.4	140.0	133.2	128.2	124.0	120.8	118.4	117.0
40°	209.0	194.0	180.5	169.0	158.2	148.6	140.9	134.3	129.8	126.1	123.6
42.5°	242.1	226.2	209.9	194.7	180.2	167.2	155.2	146.8	139.3	134.5	130.8
45°	280.5	260.1	241.3	222.5	204.9	187.7	173.5	159.9	151.0	143.2	138.3
47.5°	322.7	297.7	274.7	251.8	231.1	211.2	192.7	177.1	162.9	153.5	146.3
50°	367.7	339.3	310.3	283.9	259.0	235.4	213.9	194.3	178.2	164.4	154.6
52.5°	411.9	380.6	349.2	317.3	287.8	260.6	235.6	213.3	193.9	176.9	168.1
55°	455.6	419.5	385.7	352.4	318.1	286.5	257.1	232.6	214.3	199.1	187.4
57.5°	498.0	457.8	419.4	384.0	349.3	313.3	283.8	258.3	236.9	220.7	207.7
60°	537.7	493.4	452.2	412.3	378.4	344.5	311.0	282.5	259.5	241.4	227.5
62.5°	578.1	524.6	481.9	442.7	405.3	371.7	337.3	306.6	280.7	259.8	246.1
65°	615.4	558.6	509.3	468.9	430.4	394.8	361.1	327.9	300.6	278.5	263.6
67.5°	655.7	592.9	538.1	491.2	451.7	415.0	381.4	348.4	319.7	296.2	279.2
70°	694.3	624.9	564.9	511.1	469.5	432.7	398.7	366.3	336.5	312.3	293.0
72.5°	727.5	653.1	587.3	530.8	483.9	446.5	413.3	382.5	351.2	327.2	307.6
75°	757.2	677.3	605.5	546.2	494.7	457.2	424.3	392.5	362.9	338.9	320.5
77.5°	780.6	696.1	620.4	559.8	506.2	463.9	430.3	400.0	371.8	348.6	331.8
80°	797.8	716.9	640.0	573.0	514.9	468.3	434.0	405.0	378.6	356.4	341.6
82.5°	814.7	733.7	654.3	583.6	521.0	470.4	435.7	408.0	383.6	362.8	350.2
85°	825.1	743.6	663.3	591.1	524.2	470.3	435.4	409.2	387.1	367.9	357.9
87.5°	828.8	749.9	669.5	597.3	526.0	469.1	434.1	409.3	389.6	372.4	365.1
90°	825.6	743.8	665.6	594.9	521.4	464.2	430.3	407.5	390.6	376.0	371.9
92.5°	828.8	749.9	669.5	597.3	526.0	469.1	434.1	409.3	389.6	372.4	365.1
95°	825.1	743.6	663.3	591.1	524.2	470.3	435.4	409.2	387.1	367.9	357.9
97.5°	814.7	733.7	654.3	583.6	521.0	470.4	435.7	408.0	383.6	362.8	350.2
100°	797.8	716.9	640.0	573.0	514.9	468.3	434.0	405.0	378.6	356.4	341.6
102.5°	780.6	696.1	620.4	559.8	506.2	463.9	430.3	400.0	371.8	348.6	331.8
105°	757.2	677.3	605.5	546.2	494.7	457.2	424.3	392.5	362.9	338.9	320.5
107.5°	727.5	653.1	587.3	530.8	483.9	446.5	413.3	382.5	351.2	327.2	307.6
110°	694.3	624.9	564.9	511.1	469.5	432.7	398.7	366.3	336.5	312.3	293.0





TEST NUMBER: P231944

CATALOG NUMBER: FVS4WM-4-LD4-30-1LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
112.5°	655.7	592.9	538.1	491.2	451.7	415.0	381.4	348.4	319.7	296.2	279.2
115°	615.4	558.6	509.3	468.9	430.4	394.8	361.1	327.9	300.6	278.5	263.6
117.5°	578.1	524.6	481.9	442.7	405.3	371.7	337.3	306.6	280.7	259.8	246.1
120°	537.7	493.4	452.2	412.3	378.4	344.5	311.0	282.5	259.5	241.4	227.5
122.5°	498.0	457.8	419.4	384.0	349.3	313.3	283.8	258.3	236.9	220.7	207.7
125°	455.6	419.5	385.7	352.4	318.1	286.5	257.1	232.6	214.3	199.1	187.4
127.5°	411.9	380.6	349.2	317.3	287.8	260.6	235.6	213.3	193.9	176.9	168.1
130°	367.7	339.3	310.3	283.9	259.0	235.4	213.9	194.3	178.2	164.4	154.6
132.5°	322.7	297.7	274.7	251.8	231.1	211.2	192.7	177.1	162.9	153.5	146.3
135°	280.5	260.1	241.3	222.5	204.9	187.7	173.5	159.9	151.0	143.2	138.3
137.5°	242.1	226.2	209.9	194.7	180.2	167.2	155.2	146.8	139.3	134.5	130.8
140°	209.0	194.0	180.5	169.0	158.2	148.6	140.9	134.3	129.8	126.1	123.6
142.5°	179.1	167.4	156.0	147.4	140.0	133.2	128.2	124.0	120.8	118.4	117.0
145°	155.0	145.7	138.2	130.4	124.6	120.8	117.0	114.7	112.4	111.4	110.8
147.5°	135.7	129.2	123.8	118.9	114.0	110.1	107.7	105.9	105.4	104.9	104.7
150°	120.8	116.6	112.7	109.3	106.0	102.8	101.0	99.4	98.7	98.6	98.4
152.5°	108.8	106.2	103.4	100.9	99.1	97.4	96.0	94.6	93.6	92.6	91.4
155°	98.8	97.1	95.5	93.9	92.4	91.1	90.0	88.8	87.6	86.4	85.5
157.5°	89.6	88.4	87.3	86.1	85.0	83.9	82.8	81.6	80.6	78.4	76.1
160°	79.8	79.1	78.3	77.4	76.5	75.6	74.3	72.7	71.0	69.1	67.0
162.5°	69.6	69.1	68.5	67.7	66.8	65.7	64.5	63.2	61.7	60.1	58.3
165°	59.2	58.8	58.2	57.7	57.0	56.2	55.3	54.2	53.0	51.5	49.9
167.5°	49.9	49.7	49.3	48.9	48.2	47.4	46.4	45.4	44.2	42.9	41.6
170°	40.9	40.5	40.0	39.5	38.9	38.2	37.4	36.5	35.5	34.5	33.4
172.5°	31.2	30.9	30.5	30.1	29.6	29.0	28.4	27.7	27.0	26.1	25.2
175°	21.2	20.9	20.5	20.1	19.7	19.2	18.7	18.2	17.6	17.0	16.4
177.5°	10.0	9.9	9.8	9.7	9.5	9.4	9.2	9.0	8.8	8.6	8.3
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: P231944

CATALOG NUMBER: FVS4WM-4-LD4-30-1LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
2.5°	8.1	7.8	7.5	7.2	6.9	6.6	6.2	5.9	5.5	5.2	4.8
5°	15.7	15.0	14.3	13.7	13.1	12.4	11.8	11.1	10.4	9.7	9.0
7.5°	24.2	23.1	22.0	20.9	19.7	18.5	17.3	16.3	15.2	14.2	13.1
10°	32.2	30.9	29.7	28.1	26.6	25.0	23.4	21.7	20.0	18.6	17.2
12.5°	40.1	38.5	36.8	35.1	33.2	31.3	29.3	27.3	25.2	23.1	21.2
15°	48.1	46.2	44.5	42.1	39.8	37.5	35.1	32.7	30.3	27.8	25.2
17.5°	56.6	54.1	51.7	49.2	46.6	43.9	41.0	38.1	35.2	32.3	29.4
20°	64.7	62.2	59.5	56.6	53.5	50.3	47.0	43.6	40.0	36.8	33.5
22.5°	73.6	70.7	67.5	64.1	60.6	56.9	53.1	49.2	45.1	41.2	37.6
25°	82.3	79.3	76.0	72.1	68.4	64.7	61.0	57.1	53.1	49.1	45.4
27.5°	90.7	88.6	85.6	82.4	78.6	74.6	70.5	66.3	62.1	57.8	53.7
30°	97.8	97.0	95.1	91.8	88.3	84.2	79.9	75.4	71.0	66.3	61.8
32.5°	104.5	103.9	103.0	100.8	97.3	93.3	89.0	84.3	79.4	74.6	69.9
35°	110.4	110.2	109.6	108.7	105.8	102.0	97.7	93.4	87.9	82.7	77.9
37.5°	116.3	116.0	115.9	115.1	114.3	110.2	106.0	101.5	96.3	90.7	85.8
40°	122.3	121.6	121.5	121.2	120.4	118.0	114.0	109.5	104.6	98.7	93.5
42.5°	128.4	127.4	126.9	126.9	126.4	125.6	121.5	117.2	112.6	106.6	101.0
45°	135.1	132.9	132.3	132.2	132.2	131.5	128.8	124.7	120.2	114.4	108.4
47.5°	141.3	139.0	137.7	137.3	137.5	138.3	139.3	137.4	134.9	130.6	124.1
50°	148.7	145.5	146.5	149.1	152.2	155.2	157.5	156.3	154.3	150.5	142.3
52.5°	162.7	161.1	162.2	164.5	167.9	171.7	174.6	175.0	173.4	170.8	160.8
55°	180.3	177.4	177.3	179.5	183.3	187.6	191.4	193.3	192.3	190.5	179.6
57.5°	198.5	193.2	192.1	194.5	198.5	203.3	207.9	211.3	211.0	209.6	198.7
60°	216.0	209.3	207.6	209.3	213.4	218.7	224.2	228.9	229.3	228.5	218.1
62.5°	234.3	226.4	222.9	223.8	228.0	234.0	240.2	245.7	247.4	247.3	237.6
65°	252.1	242.9	237.9	238.0	242.3	249.1	255.9	262.3	265.4	265.9	257.3
67.5°	268.9	259.0	252.6	252.5	256.9	264.0	271.6	278.7	283.2	284.4	277.2
70°	284.6	275.0	268.5	267.0	270.1	276.0	282.5	288.6	292.1	290.5	280.6
72.5°	297.5	287.7	279.7	276.9	279.0	283.9	289.2	294.4	298.1	294.1	281.7
75°	308.6	298.8	290.1	286.6	288.2	292.1	296.4	300.4	304.4	298.3	282.7
77.5°	319.7	309.6	300.0	296.2	297.6	300.7	303.9	306.5	310.9	302.8	283.6
80°	330.7	320.1	309.7	305.7	307.1	309.5	311.6	312.6	317.6	307.7	284.4
82.5°	341.4	330.3	319.1	315.1	316.7	318.5	319.6	318.8	324.4	312.6	286.1
85°	351.9	340.2	328.3	324.5	326.5	327.7	327.8	325.0	331.5	318.2	285.9
87.5°	362.2	350.0	337.4	333.9	336.3	336.9	335.8	331.5	338.0	322.6	285.7
90°	371.9	359.1	346.2	343.3	346.2	346.2	343.9	338.0	344.5	327.0	285.5
92.5°	362.2	350.0	337.4	333.9	336.3	336.9	335.8	331.5	338.0	322.6	285.7
95°	351.9	340.2	328.3	324.5	326.5	327.7	327.8	325.0	331.5	318.2	285.9
97.5°	341.4	330.3	319.1	315.1	316.7	318.5	319.6	318.8	324.4	312.6	286.1
100°	330.7	320.1	309.7	305.7	307.1	309.5	311.6	312.6	317.6	307.7	284.4
102.5°	319.7	309.6	300.0	296.2	297.6	300.7	303.9	306.5	310.9	302.8	283.6
105°	308.6	298.8	290.1	286.6	288.2	292.1	296.4	300.4	304.4	298.3	282.7
107.5°	297.5	287.7	279.7	276.9	279.0	283.9	289.2	294.4	298.1	294.1	281.7
110°	284.6	275.0	268.5	267.0	270.1	276.0	282.5	288.6	292.1	290.5	280.6



TEST NUMBER: P231944

CATALOG NUMBER: FVS4WM-4-LD4-30-1LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	268.9	259.0	252.6	252.5	256.9	264.0	271.6	278.7	283.2	284.4	277.2
115°	252.1	242.9	237.9	238.0	242.3	249.1	255.9	262.3	265.4	265.9	257.3
117.5°	234.3	226.4	222.9	223.8	228.0	234.0	240.2	245.7	247.4	247.3	237.6
120°	216.0	209.3	207.6	209.3	213.4	218.7	224.2	228.9	229.3	228.5	218.1
122.5°	198.5	193.2	192.1	194.5	198.5	203.3	207.9	211.3	211.0	209.6	198.7
125°	180.3	177.4	177.3	179.5	183.3	187.6	191.4	193.3	192.3	190.5	179.6
127.5°	162.7	161.1	162.2	164.5	167.9	171.7	174.6	175.0	173.4	170.8	160.8
130°	148.7	145.5	146.5	149.1	152.2	155.2	157.5	156.3	154.3	150.5	142.3
132.5°	141.3	139.0	137.7	137.3	137.5	138.3	139.3	137.4	134.9	130.6	124.1
135°	135.1	132.9	132.3	132.2	132.2	131.5	128.8	124.7	120.2	114.4	108.4
137.5°	128.4	127.4	126.9	126.9	126.4	125.6	121.5	117.2	112.6	106.6	101.0
140°	122.3	121.6	121.5	121.2	120.4	118.0	114.0	109.5	104.6	98.7	93.5
142.5°	116.3	116.0	115.9	115.1	114.3	110.2	106.0	101.5	96.3	90.7	85.8
145°	110.4	110.2	109.6	108.7	105.8	102.0	97.7	93.4	87.9	82.7	77.9
147.5°	104.5	103.9	103.0	100.8	97.3	93.3	89.0	84.3	79.4	74.6	69.9
150°	97.8	97.0	95.1	91.8	88.3	84.2	79.9	75.4	71.0	66.3	61.8
152.5°	90.7	88.6	85.6	82.4	78.6	74.6	70.5	66.3	62.1	57.8	53.7
155°	82.3	79.3	76.0	72.1	68.4	64.7	61.0	57.1	53.1	49.1	45.4
157.5°	73.6	70.7	67.5	64.1	60.6	56.9	53.1	49.2	45.1	41.2	37.6
160°	64.7	62.2	59.5	56.6	53.5	50.3	47.0	43.6	40.0	36.8	33.5
162.5°	56.6	54.1	51.7	49.2	46.6	43.9	41.0	38.1	35.2	32.3	29.4
165°	48.1	46.2	44.5	42.1	39.8	37.5	35.1	32.7	30.3	27.8	25.2
167.5°	40.1	38.5	36.8	35.1	33.2	31.3	29.3	27.3	25.2	23.1	21.2
170°	32.2	30.9	29.7	28.1	26.6	25.0	23.4	21.7	20.0	18.6	17.2
172.5°	24.2	23.1	22.0	20.9	19.7	18.5	17.3	16.3	15.2	14.2	13.1
175°	15.7	15.0	14.3	13.7	13.1	12.4	11.8	11.1	10.4	9.7	9.0
177.5°	8.1	7.8	7.5	7.2	6.9	6.6	6.2	5.9	5.5	5.2	4.8
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231944

CATALOG NUMBER: FVS4WM-4-LD4-30-1LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
2.5°	4.4	4.0	3.7	3.3	3.2	3.2	3.2	3.2	3.2	3.1	3.1
5°	8.2	7.5	6.7	5.9	5.9	5.8	5.8	5.7	5.6	5.5	5.4
7.5°	12.0	10.9	9.7	8.6	8.5	8.4	8.3	8.2	8.0	7.9	7.7
10°	15.7	14.2	12.7	11.2	11.1	10.9	10.7	10.5	10.3	10.1	10.0
12.5°	19.4	17.6	15.7	13.9	13.7	13.4	13.2	12.9	12.6	12.4	12.2
15°	23.0	20.9	18.7	16.5	16.2	15.9	15.5	15.2	15.0	14.7	14.4
17.5°	26.6	24.2	21.7	19.2	18.8	18.3	17.9	17.5	17.3	17.0	16.6
20°	30.2	27.5	24.7	21.8	21.3	20.7	20.2	19.9	19.5	19.2	18.8
22.5°	34.0	30.7	27.6	24.5	23.8	23.1	22.5	22.2	21.8	21.4	20.9
25°	41.8	38.4	35.4	32.3	31.6	30.9	30.2	29.6	28.7	27.6	26.4
27.5°	49.9	46.2	43.2	40.1	39.5	38.8	38.3	37.8	36.7	35.4	33.8
30°	57.8	53.8	50.9	47.9	47.4	46.8	46.5	46.0	44.6	43.0	40.8
32.5°	65.7	61.6	58.6	55.7	55.4	55.0	54.8	54.1	52.4	50.2	47.5
35°	73.4	69.2	66.2	63.4	63.3	63.1	63.1	62.0	60.1	57.1	53.8
37.5°	81.1	76.8	73.8	71.2	71.3	71.3	71.4	69.9	67.7	63.7	59.5
40°	88.6	84.4	81.3	79.0	79.3	79.6	79.9	77.7	74.6	70.0	64.9
42.5°	96.1	91.8	88.7	86.8	87.3	87.8	88.3	85.5	81.4	76.3	69.8
45°	103.5	99.2	96.1	94.6	95.4	96.1	96.3	93.2	87.9	81.6	74.5
47.5°	117.4	110.8	105.2	101.3	100.4	99.8	98.6	95.4	89.9	83.6	77.0
50°	132.5	122.9	114.4	108.1	105.3	103.0	100.3	96.1	90.1	83.8	77.5
52.5°	148.2	135.4	123.8	114.8	110.0	106.0	101.8	96.6	90.5	84.2	78.6
55°	164.5	148.1	133.4	121.6	114.6	108.8	103.2	97.2	90.9	84.9	80.1
57.5°	181.1	161.2	143.1	128.3	119.2	111.4	104.4	97.8	91.5	85.9	82.0
60°	198.2	174.5	152.8	135.1	123.6	113.9	105.6	98.5	92.4	87.5	84.4
62.5°	215.6	187.9	162.7	141.8	127.9	116.2	106.8	99.2	93.4	89.4	87.4
65°	233.3	201.6	172.7	148.6	132.2	118.3	107.8	100.0	94.5	91.5	90.8
67.5°	251.2	215.4	182.8	155.3	136.4	120.4	108.9	100.9	95.8	93.9	94.6
70°	253.1	216.0	182.5	154.6	135.4	119.5	108.1	100.3	95.6	94.3	95.8
72.5°	253.4	216.0	182.0	153.9	134.4	118.5	107.4	99.6	95.1	93.8	95.4
75°	253.5	215.9	182.6	153.2	133.4	117.7	106.7	99.0	94.5	93.3	94.8
77.5°	253.4	215.7	181.7	152.5	132.5	116.9	106.0	98.4	94.1	92.7	94.2
80°	253.1	216.4	180.9	151.7	131.6	116.2	105.5	97.8	93.6	92.2	93.6
82.5°	253.4	215.4	180.0	151.0	130.7	115.5	105.0	97.4	93.2	91.6	92.9
85°	252.1	214.5	179.2	150.3	129.9	114.9	104.6	97.0	92.8	91.0	92.1
87.5°	250.7	213.5	178.3	149.6	129.1	114.4	104.2	96.6	92.5	90.5	91.3
90°	249.3	212.5	177.5	148.9	128.4	113.9	103.9	96.3	92.2	89.9	90.5
92.5°	250.7	213.5	178.3	149.6	129.1	114.4	104.2	96.6	92.5	90.5	91.3
95°	252.1	214.5	179.2	150.3	129.9	114.9	104.6	97.0	92.8	91.0	92.1
97.5°	253.4	215.4	180.0	151.0	130.7	115.5	105.0	97.4	93.2	91.6	92.9
100°	253.1	216.4	180.9	151.7	131.6	116.2	105.5	97.8	93.6	92.2	93.6
102.5°	253.4	215.7	181.7	152.5	132.5	116.9	106.0	98.4	94.1	92.7	94.2
105°	253.5	215.9	182.6	153.2	133.4	117.7	106.7	99.0	94.5	93.3	94.8
107.5°	253.4	216.0	182.0	153.9	134.4	118.5	107.4	99.6	95.1	93.8	95.4
110°	253.1	216.0	182.5	154.6	135.4	119.5	108.1	100.3	95.6	94.3	95.8



TEST NUMBER: P231944

CATALOG NUMBER: FVS4WM-4-LD4-30-1LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
112.5°	251.2	215.4	182.8	155.3	136.4	120.4	108.9	100.9	95.8	93.9	94.6
115°	233.3	201.6	172.7	148.6	132.2	118.3	107.8	100.0	94.5	91.5	90.8
117.5°	215.6	187.9	162.7	141.8	127.9	116.2	106.8	99.2	93.4	89.4	87.4
120°	198.2	174.5	152.8	135.1	123.6	113.9	105.6	98.5	92.4	87.5	84.4
122.5°	181.1	161.2	143.1	128.3	119.2	111.4	104.4	97.8	91.5	85.9	82.0
125°	164.5	148.1	133.4	121.6	114.6	108.8	103.2	97.2	90.9	84.9	80.1
127.5°	148.2	135.4	123.8	114.8	110.0	106.0	101.8	96.6	90.5	84.2	78.6
130°	132.5	122.9	114.4	108.1	105.3	103.0	100.3	96.1	90.1	83.8	77.5
132.5°	117.4	110.8	105.2	101.3	100.4	99.8	98.6	95.4	89.9	83.6	77.0
135°	103.5	99.2	96.1	94.6	95.4	96.1	96.3	93.2	87.9	81.6	74.5
137.5°	96.1	91.8	88.7	86.8	87.3	87.8	88.3	85.5	81.4	76.3	69.8
140°	88.6	84.4	81.3	79.0	79.3	79.6	79.9	77.7	74.6	70.0	64.9
142.5°	81.1	76.8	73.8	71.2	71.3	71.3	71.4	69.9	67.7	63.7	59.5
145°	73.4	69.2	66.2	63.4	63.3	63.1	63.1	62.0	60.1	57.1	53.8
147.5°	65.7	61.6	58.6	55.7	55.4	55.0	54.8	54.1	52.4	50.2	47.5
150°	57.8	53.8	50.9	47.9	47.4	46.8	46.5	46.0	44.6	43.0	40.8
152.5°	49.9	46.2	43.2	40.1	39.5	38.8	38.3	37.8	36.7	35.4	33.8
155°	41.8	38.4	35.4	32.3	31.6	30.9	30.2	29.6	28.7	27.6	26.4
157.5°	34.0	30.7	27.6	24.5	23.8	23.1	22.5	22.2	21.8	21.4	20.9
160°	30.2	27.5	24.7	21.8	21.3	20.7	20.2	19.9	19.5	19.2	18.8
162.5°	26.6	24.2	21.7	19.2	18.8	18.3	17.9	17.5	17.3	17.0	16.6
165°	23.0	20.9	18.7	16.5	16.2	15.9	15.5	15.2	15.0	14.7	14.4
167.5°	19.4	17.6	15.7	13.9	13.7	13.4	13.2	12.9	12.6	12.4	12.2
170°	15.7	14.2	12.7	11.2	11.1	10.9	10.7	10.5	10.3	10.1	10.0
172.5°	12.0	10.9	9.7	8.6	8.5	8.4	8.3	8.2	8.0	7.9	7.7
175°	8.2	7.5	6.7	5.9	5.9	5.8	5.8	5.7	5.6	5.5	5.4
177.5°	4.4	4.0	3.7	3.3	3.2	3.2	3.2	3.2	3.2	3.1	3.1
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: P231944

CATALOG NUMBER: FVS4WM-4-LD4-30-1LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
2.5°	3.0	3.0	2.9	2.9	2.8	2.8	2.7	2.6	2.5	2.5	2.4
5°	5.3	5.2	5.1	5.0	4.9	4.8	4.6	4.5	4.4	4.2	4.1
7.5°	7.6	7.4	7.3	7.1	6.9	6.7	6.6	6.4	6.1	5.9	5.7
10°	9.8	9.6	9.4	9.2	8.9	8.7	8.4	8.2	7.9	7.6	7.3
12.5°	12.0	11.7	11.5	11.2	10.9	10.6	10.2	9.9	9.5	9.2	8.8
15°	14.2	13.8	13.5	13.2	12.8	12.4	12.0	11.6	11.2	10.7	10.3
17.5°	16.3	15.9	15.5	15.1	14.7	14.2	13.7	13.3	12.7	12.2	11.7
20°	18.4	17.9	17.5	17.0	16.5	16.0	15.4	14.9	14.3	13.7	13.1
22.5°	20.4	19.9	19.4	18.9	18.3	17.7	17.1	16.5	15.8	15.2	14.5
25°	25.0	23.6	22.1	20.7	20.0	19.4	18.7	18.0	17.3	16.6	15.8
27.5°	32.0	30.1	28.2	26.3	24.5	22.7	21.1	19.5	18.7	17.9	17.1
30°	38.5	36.1	33.6	31.3	29.1	27.0	25.0	23.1	21.3	19.7	18.3
32.5°	44.5	41.4	38.5	35.7	33.0	30.6	28.3	26.2	24.2	22.4	20.6
35°	50.0	46.3	42.8	39.5	36.5	33.7	31.2	28.9	26.7	24.7	22.7
37.5°	55.0	50.7	46.6	42.9	39.5	36.5	33.8	31.2	28.8	26.6	24.6
40°	59.6	54.6	50.1	45.8	42.3	39.0	36.0	33.2	30.6	28.4	26.5
42.5°	63.9	58.1	53.1	48.6	44.8	41.2	37.9	34.9	32.3	30.1	27.8
45°	67.7	61.5	55.8	51.3	47.0	43.1	39.6	36.5	33.9	31.3	28.9
47.5°	70.5	64.4	58.6	53.6	49.1	44.9	41.1	38.1	35.2	32.3	29.7
50°	71.6	66.3	61.6	56.8	51.7	46.6	42.7	39.4	36.2	33.1	30.3
52.5°	73.6	69.1	65.3	60.9	56.2	51.2	46.4	41.6	37.0	33.6	30.5
55°	76.1	72.7	69.6	65.7	60.9	55.9	50.7	45.6	40.5	35.5	30.9
57.5°	79.2	76.9	74.3	70.7	66.0	60.4	54.9	49.4	43.9	38.4	33.7
60°	82.8	81.6	79.5	75.9	70.9	64.9	59.0	53.0	46.9	41.3	36.3
62.5°	86.9	86.8	85.1	81.4	75.7	69.4	63.0	56.5	49.7	44.0	38.6
65°	91.6	92.2	91.2	87.0	80.5	73.8	66.9	59.7	52.6	46.6	40.7
67.5°	96.5	97.8	96.8	92.5	85.3	78.1	70.7	62.7	55.5	49.0	42.9
70°	98.8	101.3	101.1	97.3	90.1	82.5	74.5	65.6	58.4	51.4	45.0
72.5°	98.4	100.9	100.8	97.2	91.2	84.5	76.7	68.2	61.1	53.7	47.0
75°	98.0	100.6	100.8	97.6	92.3	85.7	77.7	69.2	61.7	54.6	48.1
77.5°	97.4	100.4	100.9	98.4	93.8	87.2	78.9	70.3	62.4	55.2	48.6
80°	96.9	100.2	101.2	99.6	95.5	88.9	80.4	71.5	63.3	55.9	49.3
82.5°	96.2	100.0	101.7	101.1	97.5	90.9	82.2	72.8	64.5	56.9	50.3
85°	95.5	99.8	102.2	102.7	99.7	93.1	84.3	74.3	65.9	58.1	51.6
87.5°	94.8	99.6	102.8	104.5	102.1	95.5	86.7	76.1	67.5	59.5	53.1
90°	94.0	99.3	103.3	106.3	104.5	98.1	89.3	78.2	69.5	61.3	54.9
92.5°	94.8	99.6	102.8	104.5	102.1	95.5	86.7	76.1	67.5	59.5	53.1
95°	95.5	99.8	102.2	102.7	99.7	93.1	84.3	74.3	65.9	58.1	51.6
97.5°	96.2	100.0	101.7	101.1	97.5	90.9	82.2	72.8	64.5	56.9	50.3
100°	96.9	100.2	101.2	99.6	95.5	88.9	80.4	71.5	63.3	55.9	49.3
102.5°	97.4	100.4	100.9	98.4	93.8	87.2	78.9	70.3	62.4	55.2	48.6
105°	98.0	100.6	100.8	97.6	92.3	85.7	77.7	69.2	61.7	54.6	48.1
107.5°	98.4	100.9	100.8	97.2	91.2	84.5	76.7	68.2	61.1	53.7	47.0
110°	98.8	101.3	101.1	97.3	90.1	82.5	74.5	65.6	58.4	51.4	45.0



TEST NUMBER: P231944

CATALOG NUMBER: FVS4WM-4-LD4-30-1LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	96.5	97.8	96.8	92.5	85.3	78.1	70.7	62.7	55.5	49.0	42.9
115°	91.6	92.2	91.2	87.0	80.5	73.8	66.9	59.7	52.6	46.6	40.7
117.5°	86.9	86.8	85.1	81.4	75.7	69.4	63.0	56.5	49.7	44.0	38.6
120°	82.8	81.6	79.5	75.9	70.9	64.9	59.0	53.0	46.9	41.3	36.3
122.5°	79.2	76.9	74.3	70.7	66.0	60.4	54.9	49.4	43.9	38.4	33.7
125°	76.1	72.7	69.6	65.7	60.9	55.9	50.7	45.6	40.5	35.5	30.9
127.5°	73.6	69.1	65.3	60.9	56.2	51.2	46.4	41.6	37.0	33.6	30.5
130°	71.6	66.3	61.6	56.8	51.7	46.6	42.7	39.4	36.2	33.1	30.3
132.5°	70.5	64.4	58.6	53.6	49.1	44.9	41.1	38.1	35.2	32.3	29.7
135°	67.7	61.5	55.8	51.3	47.0	43.1	39.6	36.5	33.9	31.3	28.9
137.5°	63.9	58.1	53.1	48.6	44.8	41.2	37.9	34.9	32.3	30.1	27.8
140°	59.6	54.6	50.1	45.8	42.3	39.0	36.0	33.2	30.6	28.4	26.5
142.5°	55.0	50.7	46.6	42.9	39.5	36.5	33.8	31.2	28.8	26.6	24.6
145°	50.0	46.3	42.8	39.5	36.5	33.7	31.2	28.9	26.7	24.7	22.7
147.5°	44.5	41.4	38.5	35.7	33.0	30.6	28.3	26.2	24.2	22.4	20.6
150°	38.5	36.1	33.6	31.3	29.1	27.0	25.0	23.1	21.3	19.7	18.3
152.5°	32.0	30.1	28.2	26.3	24.5	22.7	21.1	19.5	18.7	17.9	17.1
155°	25.0	23.6	22.1	20.7	20.0	19.4	18.7	18.0	17.3	16.6	15.8
157.5°	20.4	19.9	19.4	18.9	18.3	17.7	17.1	16.5	15.8	15.2	14.5
160°	18.4	17.9	17.5	17.0	16.5	16.0	15.4	14.9	14.3	13.7	13.1
162.5°	16.3	15.9	15.5	15.1	14.7	14.2	13.7	13.3	12.7	12.2	11.7
165°	14.2	13.8	13.5	13.2	12.8	12.4	12.0	11.6	11.2	10.7	10.3
167.5°	12.0	11.7	11.5	11.2	10.9	10.6	10.2	9.9	9.5	9.2	8.8
170°	9.8	9.6	9.4	9.2	8.9	8.7	8.4	8.2	7.9	7.6	7.3
172.5°	7.6	7.4	7.3	7.1	6.9	6.7	6.6	6.4	6.1	5.9	5.7
175°	5.3	5.2	5.1	5.0	4.9	4.8	4.6	4.5	4.4	4.2	4.1
177.5°	3.0	3.0	2.9	2.9	2.8	2.8	2.7	2.6	2.5	2.5	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: P231944

CATALOG NUMBER: FVS4WM-4-LD4-30-1LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
2.5°	2.3	2.2	2.1	2.0	1.9	1.8	1.7	1.7	1.5	1.4	1.3
5°	3.9	3.7	3.6	3.4	3.2	3.0	2.8	2.6	2.4	2.3	2.1
7.5°	5.5	5.2	5.0	4.7	4.4	4.2	3.9	3.6	3.3	3.0	2.7
10°	7.0	6.6	6.3	5.9	5.6	5.2	4.9	4.5	4.1	3.8	3.4
12.5°	8.4	8.0	7.6	7.2	6.7	6.3	5.8	5.4	4.9	4.5	4.0
15°	9.8	9.3	8.8	8.3	7.8	7.3	6.8	6.2	5.7	5.1	4.6
17.5°	11.1	10.6	10.0	9.5	8.9	8.3	7.7	7.0	6.4	5.8	5.1
20°	12.5	11.9	11.2	10.6	9.9	9.2	8.5	7.8	7.1	6.4	5.7
22.5°	13.8	13.1	12.3	11.6	10.9	10.1	9.3	8.6	7.8	7.0	6.2
25°	15.0	14.2	13.4	12.6	11.8	11.0	10.1	9.3	8.4	7.6	6.7
27.5°	16.2	15.3	14.5	13.6	12.7	11.8	10.9	10.0	9.1	8.2	7.3
30°	17.4	16.4	15.5	14.5	13.6	12.7	11.8	10.9	10.0	8.9	7.9
32.5°	19.0	17.5	16.5	15.7	14.8	13.8	12.7	11.7	10.6	9.5	8.5
35°	20.9	19.5	18.1	16.9	15.8	14.6	13.6	12.5	11.5	10.3	9.1
37.5°	23.0	21.4	19.7	18.1	16.8	15.8	14.7	13.4	12.2	10.9	9.6
40°	24.5	22.6	21.0	19.5	18.2	16.8	15.4	14.1	12.8	11.5	10.1
42.5°	25.7	23.8	22.1	20.4	18.8	17.4	16.2	14.8	13.4	12.0	10.6
45°	26.7	24.6	22.6	20.9	19.3	17.9	16.6	15.4	13.8	12.2	10.6
47.5°	27.3	25.0	23.0	21.2	19.5	18.0	16.6	15.2	13.9	12.2	10.6
50°	27.6	25.2	23.2	21.2	19.5	17.8	16.3	14.8	13.4	12.2	10.5
52.5°	27.7	25.3	23.1	21.1	19.3	17.4	15.7	14.3	13.0	11.9	10.8
55°	27.8	25.2	22.9	20.9	18.7	16.8	15.3	14.0	12.8	11.7	10.6
57.5°	29.3	25.2	22.7	20.3	18.1	16.5	15.0	13.7	12.4	11.1	10.0
60°	31.5	27.4	23.4	19.7	17.9	16.2	14.7	13.2	11.9	10.7	9.7
62.5°	33.7	29.2	24.8	21.3	18.2	15.9	14.3	12.9	11.6	10.7	9.6
65°	35.6	30.7	26.4	22.7	19.4	16.5	14.1	12.8	11.8	10.6	9.2
67.5°	37.4	32.2	27.8	24.0	20.6	17.6	15.0	13.2	11.8	10.4	8.7
70°	39.1	33.8	29.2	25.1	21.7	18.6	16.1	13.9	11.9	9.9	8.2
72.5°	40.8	35.3	30.5	26.5	22.8	19.4	16.7	14.0	11.5	9.5	7.8
75°	42.2	36.9	31.8	27.8	23.7	20.2	16.8	13.7	11.1	9.0	7.3
77.5°	42.7	37.3	32.7	28.7	24.5	20.7	16.7	13.4	10.7	8.2	6.3
80°	43.4	37.9	33.3	28.9	24.7	20.6	16.6	13.2	10.2	7.2	5.0
82.5°	44.3	38.7	34.0	29.4	24.9	20.6	16.6	13.2	9.7	6.4	3.8
85°	45.4	39.8	34.9	30.0	25.3	20.8	16.8	13.4	9.6	6.3	3.5
87.5°	46.8	41.0	36.0	30.9	26.0	21.3	17.3	13.8	9.9	6.5	3.6
90°	48.5	42.6	37.4	32.1	26.9	22.2	18.1	14.6	10.5	7.0	4.1
92.5°	46.8	41.0	36.0	30.9	26.0	21.3	17.3	13.8	9.9	6.5	3.6
95°	45.4	39.8	34.9	30.0	25.3	20.8	16.8	13.4	9.6	6.3	3.5
97.5°	44.3	38.7	34.0	29.4	24.9	20.6	16.6	13.2	9.7	6.4	3.8
100°	43.4	37.9	33.3	28.9	24.7	20.6	16.6	13.2	10.2	7.2	5.0
102.5°	42.7	37.3	32.7	28.7	24.5	20.7	16.7	13.4	10.7	8.2	6.3
105°	42.2	36.9	31.8	27.8	23.7	20.2	16.8	13.7	11.1	9.0	7.3
107.5°	40.8	35.3	30.5	26.5	22.8	19.4	16.7	14.0	11.5	9.5	7.8
110°	39.1	33.8	29.2	25.1	21.7	18.6	16.1	13.9	11.9	9.9	8.2





TEST NUMBER: P231944

CATALOG NUMBER: FVS4WM-4-LD4-30-1LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
112.5°	37.4	32.2	27.8	24.0	20.6	17.6	15.0	13.2	11.8	10.4	8.7
115°	35.6	30.7	26.4	22.7	19.4	16.5	14.1	12.8	11.8	10.6	9.2
117.5°	33.7	29.2	24.8	21.3	18.2	15.9	14.3	12.9	11.6	10.7	9.6
120°	31.5	27.4	23.4	19.7	17.9	16.2	14.7	13.2	11.9	10.7	9.7
122.5°	29.3	25.2	22.7	20.3	18.1	16.5	15.0	13.7	12.4	11.1	10.0
125°	27.8	25.2	22.9	20.9	18.7	16.8	15.3	14.0	12.8	11.7	10.6
127.5°	27.7	25.3	23.1	21.1	19.3	17.4	15.7	14.3	13.0	11.9	10.8
130°	27.6	25.2	23.2	21.2	19.5	17.8	16.3	14.8	13.4	12.2	10.5
132.5°	27.3	25.0	23.0	21.2	19.5	18.0	16.6	15.2	13.9	12.2	10.6
135°	26.7	24.6	22.6	20.9	19.3	17.9	16.6	15.4	13.8	12.2	10.6
137.5°	25.7	23.8	22.1	20.4	18.8	17.4	16.2	14.8	13.4	12.0	10.6
140°	24.5	22.6	21.0	19.5	18.2	16.8	15.4	14.1	12.8	11.5	10.1
142.5°	23.0	21.4	19.7	18.1	16.8	15.8	14.7	13.4	12.2	10.9	9.6
145°	20.9	19.5	18.1	16.9	15.8	14.6	13.6	12.5	11.5	10.3	9.1
147.5°	19.0	17.5	16.5	15.7	14.8	13.8	12.7	11.7	10.6	9.5	8.5
150°	17.4	16.4	15.5	14.5	13.6	12.7	11.8	10.9	10.0	8.9	7.9
152.5°	16.2	15.3	14.5	13.6	12.7	11.8	10.9	10.0	9.1	8.2	7.3
155°	15.0	14.2	13.4	12.6	11.8	11.0	10.1	9.3	8.4	7.6	6.7
157.5°	13.8	13.1	12.3	11.6	10.9	10.1	9.3	8.6	7.8	7.0	6.2
160°	12.5	11.9	11.2	10.6	9.9	9.2	8.5	7.8	7.1	6.4	5.7
162.5°	11.1	10.6	10.0	9.5	8.9	8.3	7.7	7.0	6.4	5.8	5.1
165°	9.8	9.3	8.8	8.3	7.8	7.3	6.8	6.2	5.7	5.1	4.6
167.5°	8.4	8.0	7.6	7.2	6.7	6.3	5.8	5.4	4.9	4.5	4.0
170°	7.0	6.6	6.3	5.9	5.6	5.2	4.9	4.5	4.1	3.8	3.4
172.5°	5.5	5.2	5.0	4.7	4.4	4.2	3.9	3.6	3.3	3.0	2.7
175°	3.9	3.7	3.6	3.4	3.2	3.0	2.8	2.6	2.4	2.3	2.1
177.5°	2.3	2.2	2.1	2.0	1.9	1.8	1.7	1.7	1.5	1.4	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: P231944

CATALOG NUMBER: FVS4WM-4-LD4-30-1LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
2.5°	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.7	0.8	0.9	1.0
5°	1.8	1.6	1.4	1.2	1.0	0.8	0.6	0.8	1.0	1.2	1.4
7.5°	2.4	2.1	1.8	1.5	1.2	0.9	0.6	0.9	1.2	1.5	1.8
10°	3.0	2.6	2.2	1.8	1.4	1.0	0.6	1.0	1.4	1.8	2.2
12.5°	3.5	3.0	2.5	2.1	1.6	1.1	0.6	1.1	1.6	2.1	2.5
15°	4.0	3.5	2.9	2.3	1.7	1.2	0.6	1.2	1.7	2.3	2.9
17.5°	4.5	3.9	3.2	2.6	1.9	1.3	0.6	1.3	1.9	2.6	3.2
20°	5.0	4.2	3.5	2.8	2.1	1.3	0.6	1.3	2.1	2.8	3.5
22.5°	5.4	4.6	3.8	3.0	2.2	1.4	0.6	1.4	2.2	3.0	3.8
25°	5.8	5.0	4.1	3.2	2.4	1.5	0.6	1.5	2.4	3.2	4.1
27.5°	6.4	5.4	4.5	3.5	2.6	1.6	0.6	1.6	2.6	3.5	4.5
30°	6.9	5.8	4.8	3.7	2.7	1.6	0.6	1.6	2.7	3.7	4.8
32.5°	7.4	6.3	5.2	4.0	2.9	1.8	0.6	1.8	2.9	4.0	5.2
35°	7.9	6.7	5.5	4.3	3.0	1.8	0.6	1.8	3.0	4.3	5.5
37.5°	8.3	7.1	5.8	4.5	3.2	1.9	0.6	1.9	3.2	4.5	5.8
40°	8.8	7.4	6.0	4.7	3.3	2.0	0.6	2.0	3.3	4.7	6.0
42.5°	9.0	7.6	6.1	4.7	3.3	2.0	0.6	2.0	3.3	4.7	6.1
45°	9.1	7.6	6.1	4.7	3.3	2.0	0.6	2.0	3.3	4.7	6.1
47.5°	9.0	7.5	6.1	4.7	3.3	1.9	0.6	1.9	3.3	4.7	6.1
50°	9.0	7.6	6.2	4.8	3.4	2.0	0.6	2.0	3.4	4.8	6.2
52.5°	9.3	7.7	6.2	4.7	3.3	1.9	0.6	1.9	3.3	4.7	6.2
55°	9.1	7.5	6.0	4.6	3.2	1.9	0.6	1.9	3.2	4.6	6.0
57.5°	8.9	7.4	6.0	4.6	3.3	1.9	0.6	1.9	3.3	4.6	6.0
60°	8.7	7.4	5.9	4.5	3.1	1.8	0.6	1.8	3.1	4.5	5.9
62.5°	8.3	7.0	5.5	4.3	3.2	2.2	1.2	2.2	3.2	4.3	5.5
65°	7.8	6.4	5.1	3.9	2.9	2.0	1.2	2.0	2.9	3.9	5.1
67.5°	7.2	5.8	4.5	3.4	2.5	1.8	1.2	1.8	2.5	3.4	4.5
70°	6.6	5.2	3.9	3.0	2.3	1.7	1.2	1.7	2.3	3.0	3.9
72.5°	6.3	4.8	3.6	2.5	1.8	1.4	1.2	1.4	1.8	2.5	3.6
75°	5.9	4.3	2.9	2.0	1.7	1.4	1.2	1.4	1.7	2.0	2.9
77.5°	4.7	3.5	2.3	1.5	0.7	0.1	0.0	0.1	0.7	1.5	2.3
80°	3.3	2.2	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2
82.5°	2.2	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	1.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	1.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	1.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	2.2	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	3.3	2.2	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2
102.5°	4.7	3.5	2.3	1.5	0.7	0.1	0.0	0.1	0.7	1.5	2.3
105°	5.9	4.3	2.9	2.0	1.7	1.4	1.2	1.4	1.7	2.0	2.9
107.5°	6.3	4.8	3.6	2.5	1.8	1.4	1.2	1.4	1.8	2.5	3.6
110°	6.6	5.2	3.9	3.0	2.3	1.7	1.2	1.7	2.3	3.0	3.9



TEST NUMBER: P231944

CATALOG NUMBER: FVS4WM-4-LD4-30-1LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	7.2	5.8	4.5	3.4	2.5	1.8	1.2	1.8	2.5	3.4	4.5
115°	7.8	6.4	5.1	3.9	2.9	2.0	1.2	2.0	2.9	3.9	5.1
117.5°	8.3	7.0	5.5	4.3	3.2	2.2	1.2	2.2	3.2	4.3	5.5
120°	8.7	7.4	5.9	4.5	3.1	1.8	0.6	1.8	3.1	4.5	5.9
122.5°	8.9	7.4	6.0	4.6	3.3	1.9	0.6	1.9	3.3	4.6	6.0
125°	9.1	7.5	6.0	4.6	3.2	1.9	0.6	1.9	3.2	4.6	6.0
127.5°	9.3	7.7	6.2	4.7	3.3	1.9	0.6	1.9	3.3	4.7	6.2
130°	9.0	7.6	6.2	4.8	3.4	2.0	0.6	2.0	3.4	4.8	6.2
132.5°	9.0	7.5	6.1	4.7	3.3	1.9	0.6	1.9	3.3	4.7	6.1
135°	9.1	7.6	6.1	4.7	3.3	2.0	0.6	2.0	3.3	4.7	6.1
137.5°	9.0	7.6	6.1	4.7	3.3	2.0	0.6	2.0	3.3	4.7	6.1
140°	8.8	7.4	6.0	4.7	3.3	2.0	0.6	2.0	3.3	4.7	6.0
142.5°	8.3	7.1	5.8	4.5	3.2	1.9	0.6	1.9	3.2	4.5	5.8
145°	7.9	6.7	5.5	4.3	3.0	1.8	0.6	1.8	3.0	4.3	5.5
147.5°	7.4	6.3	5.2	4.0	2.9	1.8	0.6	1.8	2.9	4.0	5.2
150°	6.9	5.8	4.8	3.7	2.7	1.6	0.6	1.6	2.7	3.7	4.8
152.5°	6.4	5.4	4.5	3.5	2.6	1.6	0.6	1.6	2.6	3.5	4.5
155°	5.8	5.0	4.1	3.2	2.4	1.5	0.6	1.5	2.4	3.2	4.1
157.5°	5.4	4.6	3.8	3.0	2.2	1.4	0.6	1.4	2.2	3.0	3.8
160°	5.0	4.2	3.5	2.8	2.1	1.3	0.6	1.3	2.1	2.8	3.5
162.5°	4.5	3.9	3.2	2.6	1.9	1.3	0.6	1.3	1.9	2.6	3.2
165°	4.0	3.5	2.9	2.3	1.7	1.2	0.6	1.2	1.7	2.3	2.9
167.5°	3.5	3.0	2.5	2.1	1.6	1.1	0.6	1.1	1.6	2.1	2.5
170°	3.0	2.6	2.2	1.8	1.4	1.0	0.6	1.0	1.4	1.8	2.2
172.5°	2.4	2.1	1.8	1.5	1.2	0.9	0.6	0.9	1.2	1.5	1.8
175°	1.8	1.6	1.4	1.2	1.0	0.8	0.6	0.8	1.0	1.2	1.4
177.5°	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.7	0.8	0.9	1.0
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: P231944

CATALOG NUMBER: FVS4WM-4-LD4-30-1LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
2.5°	1.1	1.2	1.3	1.4	1.5	1.7	1.7	1.8	1.9	2.0	2.1
5°	1.6	1.8	2.1	2.3	2.4	2.6	2.8	3.0	3.2	3.4	3.6
7.5°	2.1	2.4	2.7	3.0	3.3	3.6	3.9	4.2	4.4	4.7	5.0
10°	2.6	3.0	3.4	3.8	4.1	4.5	4.9	5.2	5.6	5.9	6.3
12.5°	3.0	3.5	4.0	4.5	4.9	5.4	5.8	6.3	6.7	7.2	7.6
15°	3.5	4.0	4.6	5.1	5.7	6.2	6.8	7.3	7.8	8.3	8.8
17.5°	3.9	4.5	5.1	5.8	6.4	7.0	7.7	8.3	8.9	9.5	10.0
20°	4.2	5.0	5.7	6.4	7.1	7.8	8.5	9.2	9.9	10.6	11.2
22.5°	4.6	5.4	6.2	7.0	7.8	8.6	9.3	10.1	10.9	11.6	12.3
25°	5.0	5.8	6.7	7.6	8.4	9.3	10.1	11.0	11.8	12.6	13.4
27.5°	5.4	6.4	7.3	8.2	9.1	10.0	10.9	11.8	12.7	13.6	14.5
30°	5.8	6.9	7.9	8.9	10.0	10.9	11.8	12.7	13.6	14.5	15.5
32.5°	6.3	7.4	8.5	9.5	10.6	11.7	12.7	13.8	14.8	15.7	16.5
35°	6.7	7.9	9.1	10.3	11.5	12.5	13.6	14.6	15.8	16.9	18.1
37.5°	7.1	8.3	9.6	10.9	12.2	13.4	14.7	15.8	16.8	18.1	19.7
40°	7.4	8.8	10.1	11.5	12.8	14.1	15.4	16.8	18.2	19.5	21.0
42.5°	7.6	9.0	10.6	12.0	13.4	14.8	16.2	17.4	18.8	20.4	22.1
45°	7.6	9.1	10.6	12.2	13.8	15.4	16.6	17.9	19.3	20.9	22.6
47.5°	7.5	9.0	10.6	12.2	13.9	15.2	16.6	18.0	19.5	21.2	23.0
50°	7.6	9.0	10.5	12.2	13.4	14.8	16.3	17.8	19.5	21.2	23.2
52.5°	7.7	9.3	10.8	11.9	13.0	14.3	15.7	17.4	19.3	21.1	23.1
55°	7.5	9.1	10.6	11.7	12.8	14.0	15.3	16.8	18.7	20.9	22.9
57.5°	7.4	8.9	10.0	11.1	12.4	13.7	15.0	16.5	18.1	20.3	22.7
60°	7.4	8.7	9.7	10.7	11.9	13.2	14.7	16.2	17.9	19.7	23.4
62.5°	7.0	8.3	9.6	10.7	11.6	12.9	14.3	15.9	18.2	21.3	24.8
65°	6.4	7.8	9.2	10.6	11.8	12.8	14.1	16.5	19.4	22.7	26.4
67.5°	5.8	7.2	8.7	10.4	11.8	13.2	15.0	17.6	20.6	24.0	27.8
70°	5.2	6.6	8.2	9.9	11.9	13.9	16.1	18.6	21.7	25.1	29.2
72.5°	4.8	6.3	7.8	9.5	11.5	14.0	16.7	19.4	22.8	26.5	30.5
75°	4.3	5.9	7.3	9.0	11.1	13.7	16.8	20.2	23.7	27.8	31.8
77.5°	3.5	4.7	6.3	8.2	10.7	13.4	16.7	20.7	24.5	28.7	32.7
80°	2.2	3.3	5.0	7.2	10.2	13.2	16.6	20.6	24.7	28.9	33.3
82.5°	1.2	2.2	3.8	6.4	9.7	13.2	16.6	20.6	24.9	29.4	34.0
85°	0.5	1.6	3.5	6.3	9.6	13.4	16.8	20.8	25.3	30.0	34.9
87.5°	0.1	1.4	3.6	6.5	9.9	13.8	17.3	21.3	26.0	30.9	36.0
90°	0.0	1.2	4.1	7.0	10.5	14.6	18.1	22.2	26.9	32.1	37.4
92.5°	0.1	1.4	3.6	6.5	9.9	13.8	17.3	21.3	26.0	30.9	36.0
95°	0.5	1.6	3.5	6.3	9.6	13.4	16.8	20.8	25.3	30.0	34.9
97.5°	1.2	2.2	3.8	6.4	9.7	13.2	16.6	20.6	24.9	29.4	34.0
100°	2.2	3.3	5.0	7.2	10.2	13.2	16.6	20.6	24.7	28.9	33.3
102.5°	3.5	4.7	6.3	8.2	10.7	13.4	16.7	20.7	24.5	28.7	32.7
105°	4.3	5.9	7.3	9.0	11.1	13.7	16.8	20.2	23.7	27.8	31.8
107.5°	4.8	6.3	7.8	9.5	11.5	14.0	16.7	19.4	22.8	26.5	30.5
110°	5.2	6.6	8.2	9.9	11.9	13.9	16.1	18.6	21.7	25.1	29.2



TEST NUMBER: P231944

CATALOG NUMBER: FVS4WM-4-LD4-30-1LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
112.5°	5.8	7.2	8.7	10.4	11.8	13.2	15.0	17.6	20.6	24.0	27.8
115°	6.4	7.8	9.2	10.6	11.8	12.8	14.1	16.5	19.4	22.7	26.4
117.5°	7.0	8.3	9.6	10.7	11.6	12.9	14.3	15.9	18.2	21.3	24.8
120°	7.4	8.7	9.7	10.7	11.9	13.2	14.7	16.2	17.9	19.7	23.4
122.5°	7.4	8.9	10.0	11.1	12.4	13.7	15.0	16.5	18.1	20.3	22.7
125°	7.5	9.1	10.6	11.7	12.8	14.0	15.3	16.8	18.7	20.9	22.9
127.5°	7.7	9.3	10.8	11.9	13.0	14.3	15.7	17.4	19.3	21.1	23.1
130°	7.6	9.0	10.5	12.2	13.4	14.8	16.3	17.8	19.5	21.2	23.2
132.5°	7.5	9.0	10.6	12.2	13.9	15.2	16.6	18.0	19.5	21.2	23.0
135°	7.6	9.1	10.6	12.2	13.8	15.4	16.6	17.9	19.3	20.9	22.6
137.5°	7.6	9.0	10.6	12.0	13.4	14.8	16.2	17.4	18.8	20.4	22.1
140°	7.4	8.8	10.1	11.5	12.8	14.1	15.4	16.8	18.2	19.5	21.0
142.5°	7.1	8.3	9.6	10.9	12.2	13.4	14.7	15.8	16.8	18.1	19.7
145°	6.7	7.9	9.1	10.3	11.5	12.5	13.6	14.6	15.8	16.9	18.1
147.5°	6.3	7.4	8.5	9.5	10.6	11.7	12.7	13.8	14.8	15.7	16.5
150°	5.8	6.9	7.9	8.9	10.0	10.9	11.8	12.7	13.6	14.5	15.5
152.5°	5.4	6.4	7.3	8.2	9.1	10.0	10.9	11.8	12.7	13.6	14.5
155°	5.0	5.8	6.7	7.6	8.4	9.3	10.1	11.0	11.8	12.6	13.4
157.5°	4.6	5.4	6.2	7.0	7.8	8.6	9.3	10.1	10.9	11.6	12.3
160°	4.2	5.0	5.7	6.4	7.1	7.8	8.5	9.2	9.9	10.6	11.2
162.5°	3.9	4.5	5.1	5.8	6.4	7.0	7.7	8.3	8.9	9.5	10.0
165°	3.5	4.0	4.6	5.1	5.7	6.2	6.8	7.3	7.8	8.3	8.8
167.5°	3.0	3.5	4.0	4.5	4.9	5.4	5.8	6.3	6.7	7.2	7.6
170°	2.6	3.0	3.4	3.8	4.1	4.5	4.9	5.2	5.6	5.9	6.3
172.5°	2.1	2.4	2.7	3.0	3.3	3.6	3.9	4.2	4.4	4.7	5.0
175°	1.6	1.8	2.1	2.3	2.4	2.6	2.8	3.0	3.2	3.4	3.6
177.5°	1.1	1.2	1.3	1.4	1.5	1.7	1.7	1.8	1.9	2.0	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: P231944

CATALOG NUMBER: FVS4WM-4-LD4-30-1LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
2.5°	2.2	2.3	2.4	2.5	2.5	2.6	2.7	2.8	2.8	2.9	2.9
5°	3.7	3.9	4.1	4.2	4.4	4.5	4.6	4.8	4.9	5.0	5.1
7.5°	5.2	5.5	5.7	5.9	6.1	6.4	6.6	6.7	6.9	7.1	7.3
10°	6.6	7.0	7.3	7.6	7.9	8.2	8.4	8.7	8.9	9.2	9.4
12.5°	8.0	8.4	8.8	9.2	9.5	9.9	10.2	10.6	10.9	11.2	11.5
15°	9.3	9.8	10.3	10.7	11.2	11.6	12.0	12.4	12.8	13.2	13.5
17.5°	10.6	11.1	11.7	12.2	12.7	13.3	13.7	14.2	14.7	15.1	15.5
20°	11.9	12.5	13.1	13.7	14.3	14.9	15.4	16.0	16.5	17.0	17.5
22.5°	13.1	13.8	14.5	15.2	15.8	16.5	17.1	17.7	18.3	18.9	19.4
25°	14.2	15.0	15.8	16.6	17.3	18.0	18.7	19.4	20.0	20.7	22.1
27.5°	15.3	16.2	17.1	17.9	18.7	19.5	21.1	22.7	24.5	26.3	28.2
30°	16.4	17.4	18.3	19.7	21.3	23.1	25.0	27.0	29.1	31.3	33.6
32.5°	17.5	19.0	20.6	22.4	24.2	26.2	28.3	30.6	33.0	35.7	38.5
35°	19.5	20.9	22.7	24.7	26.7	28.9	31.2	33.7	36.5	39.5	42.8
37.5°	21.4	23.0	24.6	26.6	28.8	31.2	33.8	36.5	39.5	42.9	46.6
40°	22.6	24.5	26.5	28.4	30.6	33.2	36.0	39.0	42.3	45.8	50.1
42.5°	23.8	25.7	27.8	30.1	32.3	34.9	37.9	41.2	44.8	48.6	53.1
45°	24.6	26.7	28.9	31.3	33.9	36.5	39.6	43.1	47.0	51.3	55.8
47.5°	25.0	27.3	29.7	32.3	35.2	38.1	41.1	44.9	49.1	53.6	58.6
50°	25.2	27.6	30.3	33.1	36.2	39.4	42.7	46.6	51.7	56.8	61.6
52.5°	25.3	27.7	30.5	33.6	37.0	41.6	46.4	51.2	56.2	60.9	65.3
55°	25.2	27.8	30.9	35.5	40.5	45.6	50.7	55.9	60.9	65.7	69.6
57.5°	25.2	29.3	33.7	38.4	43.9	49.4	54.9	60.4	66.0	70.7	74.3
60°	27.4	31.5	36.3	41.3	46.9	53.0	59.0	64.9	70.9	75.9	79.5
62.5°	29.2	33.7	38.6	44.0	49.7	56.5	63.0	69.4	75.7	81.4	85.1
65°	30.7	35.6	40.7	46.6	52.6	59.7	66.9	73.8	80.5	87.0	91.2
67.5°	32.2	37.4	42.9	49.0	55.5	62.7	70.7	78.1	85.3	92.5	96.8
70°	33.8	39.1	45.0	51.4	58.4	65.6	74.5	82.5	90.1	97.3	101.1
72.5°	35.3	40.8	47.0	53.7	61.1	68.2	76.7	84.5	91.2	97.2	100.8
75°	36.9	42.2	48.1	54.6	61.7	69.2	77.7	85.7	92.3	97.6	100.8
77.5°	37.3	42.7	48.6	55.2	62.4	70.3	78.9	87.2	93.8	98.4	100.9
80°	37.9	43.4	49.3	55.9	63.3	71.5	80.4	88.9	95.5	99.6	101.2
82.5°	38.7	44.3	50.3	56.9	64.5	72.8	82.2	90.9	97.5	101.1	101.7
85°	39.8	45.4	51.6	58.1	65.9	74.3	84.3	93.1	99.7	102.7	102.2
87.5°	41.0	46.8	53.1	59.5	67.5	76.1	86.7	95.5	102.1	104.5	102.8
90°	42.6	48.5	54.9	61.3	69.5	78.2	89.3	98.1	104.5	106.3	103.3
92.5°	41.0	46.8	53.1	59.5	67.5	76.1	86.7	95.5	102.1	104.5	102.8
95°	39.8	45.4	51.6	58.1	65.9	74.3	84.3	93.1	99.7	102.7	102.2
97.5°	38.7	44.3	50.3	56.9	64.5	72.8	82.2	90.9	97.5	101.1	101.7
100°	37.9	43.4	49.3	55.9	63.3	71.5	80.4	88.9	95.5	99.6	101.2
102.5°	37.3	42.7	48.6	55.2	62.4	70.3	78.9	87.2	93.8	98.4	100.9
105°	36.9	42.2	48.1	54.6	61.7	69.2	77.7	85.7	92.3	97.6	100.8
107.5°	35.3	40.8	47.0	53.7	61.1	68.2	76.7	84.5	91.2	97.2	100.8
110°	33.8	39.1	45.0	51.4	58.4	65.6	74.5	82.5	90.1	97.3	101.1



TEST NUMBER: P231944

CATALOG NUMBER: FVS4WM-4-LD4-30-1LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	32.2	37.4	42.9	49.0	55.5	62.7	70.7	78.1	85.3	92.5	96.8
115°	30.7	35.6	40.7	46.6	52.6	59.7	66.9	73.8	80.5	87.0	91.2
117.5°	29.2	33.7	38.6	44.0	49.7	56.5	63.0	69.4	75.7	81.4	85.1
120°	27.4	31.5	36.3	41.3	46.9	53.0	59.0	64.9	70.9	75.9	79.5
122.5°	25.2	29.3	33.7	38.4	43.9	49.4	54.9	60.4	66.0	70.7	74.3
125°	25.2	27.8	30.9	35.5	40.5	45.6	50.7	55.9	60.9	65.7	69.6
127.5°	25.3	27.7	30.5	33.6	37.0	41.6	46.4	51.2	56.2	60.9	65.3
130°	25.2	27.6	30.3	33.1	36.2	39.4	42.7	46.6	51.7	56.8	61.6
132.5°	25.0	27.3	29.7	32.3	35.2	38.1	41.1	44.9	49.1	53.6	58.6
135°	24.6	26.7	28.9	31.3	33.9	36.5	39.6	43.1	47.0	51.3	55.8
137.5°	23.8	25.7	27.8	30.1	32.3	34.9	37.9	41.2	44.8	48.6	53.1
140°	22.6	24.5	26.5	28.4	30.6	33.2	36.0	39.0	42.3	45.8	50.1
142.5°	21.4	23.0	24.6	26.6	28.8	31.2	33.8	36.5	39.5	42.9	46.6
145°	19.5	20.9	22.7	24.7	26.7	28.9	31.2	33.7	36.5	39.5	42.8
147.5°	17.5	19.0	20.6	22.4	24.2	26.2	28.3	30.6	33.0	35.7	38.5
150°	16.4	17.4	18.3	19.7	21.3	23.1	25.0	27.0	29.1	31.3	33.6
152.5°	15.3	16.2	17.1	17.9	18.7	19.5	21.1	22.7	24.5	26.3	28.2
155°	14.2	15.0	15.8	16.6	17.3	18.0	18.7	19.4	20.0	20.7	22.1
157.5°	13.1	13.8	14.5	15.2	15.8	16.5	17.1	17.7	18.3	18.9	19.4
160°	11.9	12.5	13.1	13.7	14.3	14.9	15.4	16.0	16.5	17.0	17.5
162.5°	10.6	11.1	11.7	12.2	12.7	13.3	13.7	14.2	14.7	15.1	15.5
165°	9.3	9.8	10.3	10.7	11.2	11.6	12.0	12.4	12.8	13.2	13.5
167.5°	8.0	8.4	8.8	9.2	9.5	9.9	10.2	10.6	10.9	11.2	11.5
170°	6.6	7.0	7.3	7.6	7.9	8.2	8.4	8.7	8.9	9.2	9.4
172.5°	5.2	5.5	5.7	5.9	6.1	6.4	6.6	6.7	6.9	7.1	7.3
175°	3.7	3.9	4.1	4.2	4.4	4.5	4.6	4.8	4.9	5.0	5.1
177.5°	2.2	2.3	2.4	2.5	2.5	2.6	2.7	2.8	2.8	2.9	2.9
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: P231944

CATALOG NUMBER: FVS4WM-4-LD4-30-1LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
2.5°	3.0	3.0	3.1	3.1	3.2	3.2	3.2	3.2	3.2	3.3	3.7
5°	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.8	5.9	5.9	6.7
7.5°	7.4	7.6	7.7	7.9	8.0	8.2	8.3	8.4	8.5	8.6	9.7
10°	9.6	9.8	10.0	10.1	10.3	10.5	10.7	10.9	11.1	11.2	12.7
12.5°	11.7	12.0	12.2	12.4	12.6	12.9	13.2	13.4	13.7	13.9	15.7
15°	13.8	14.2	14.4	14.7	15.0	15.2	15.5	15.9	16.2	16.5	18.7
17.5°	15.9	16.3	16.6	17.0	17.3	17.5	17.9	18.3	18.8	19.2	21.7
20°	17.9	18.4	18.8	19.2	19.5	19.9	20.2	20.7	21.3	21.8	24.7
22.5°	19.9	20.4	20.9	21.4	21.8	22.2	22.5	23.1	23.8	24.5	27.6
25°	23.6	25.0	26.4	27.6	28.7	29.6	30.2	30.9	31.6	32.3	35.4
27.5°	30.1	32.0	33.8	35.4	36.7	37.8	38.3	38.8	39.5	40.1	43.2
30°	36.1	38.5	40.8	43.0	44.6	46.0	46.5	46.8	47.4	47.9	50.9
32.5°	41.4	44.5	47.5	50.2	52.4	54.1	54.8	55.0	55.4	55.7	58.6
35°	46.3	50.0	53.8	57.1	60.1	62.0	63.1	63.1	63.3	63.4	66.2
37.5°	50.7	55.0	59.5	63.7	67.7	69.9	71.4	71.3	71.3	71.2	73.8
40°	54.6	59.6	64.9	70.0	74.6	77.7	79.9	79.6	79.3	79.0	81.3
42.5°	58.1	63.9	69.8	76.3	81.4	85.5	88.3	87.8	87.3	86.8	88.7
45°	61.5	67.7	74.5	81.6	87.9	93.2	96.3	96.1	95.4	94.6	96.1
47.5°	64.4	70.5	77.0	83.6	89.9	95.4	98.6	99.8	100.4	101.3	105.2
50°	66.3	71.6	77.5	83.8	90.1	96.1	100.3	103.0	105.3	108.1	114.4
52.5°	69.1	73.6	78.6	84.2	90.5	96.6	101.8	106.0	110.0	114.8	123.8
55°	72.7	76.1	80.1	84.9	90.9	97.2	103.2	108.8	114.6	121.6	133.4
57.5°	76.9	79.2	82.0	85.9	91.5	97.8	104.4	111.4	119.2	128.3	143.1
60°	81.6	82.8	84.4	87.5	92.4	98.5	105.6	113.9	123.6	135.1	152.8
62.5°	86.8	86.9	87.4	89.4	93.4	99.2	106.8	116.2	127.9	141.8	162.7
65°	92.2	91.6	90.8	91.5	94.5	100.0	107.8	118.3	132.2	148.6	172.7
67.5°	97.8	96.5	94.6	93.9	95.8	100.9	108.9	120.4	136.4	155.3	182.8
70°	101.3	98.8	95.8	94.3	95.6	100.3	108.1	119.5	135.4	154.6	182.5
72.5°	100.9	98.4	95.4	93.8	95.1	99.6	107.4	118.5	134.4	153.9	182.0
75°	100.6	98.0	94.8	93.3	94.5	99.0	106.7	117.7	133.4	153.2	182.6
77.5°	100.4	97.4	94.2	92.7	94.1	98.4	106.0	116.9	132.5	152.5	181.7
80°	100.2	96.9	93.6	92.2	93.6	97.8	105.5	116.2	131.6	151.7	180.9
82.5°	100.0	96.2	92.9	91.6	93.2	97.4	105.0	115.5	130.7	151.0	180.0
85°	99.8	95.5	92.1	91.0	92.8	97.0	104.6	114.9	129.9	150.3	179.2
87.5°	99.6	94.8	91.3	90.5	92.5	96.6	104.2	114.4	129.1	149.6	178.3
90°	99.3	94.0	90.5	89.9	92.2	96.3	103.9	113.9	128.4	148.9	177.5
92.5°	99.6	94.8	91.3	90.5	92.5	96.6	104.2	114.4	129.1	149.6	178.3
95°	99.8	95.5	92.1	91.0	92.8	97.0	104.6	114.9	129.9	150.3	179.2
97.5°	100.0	96.2	92.9	91.6	93.2	97.4	105.0	115.5	130.7	151.0	180.0
100°	100.2	96.9	93.6	92.2	93.6	97.8	105.5	116.2	131.6	151.7	180.9
102.5°	100.4	97.4	94.2	92.7	94.1	98.4	106.0	116.9	132.5	152.5	181.7
105°	100.6	98.0	94.8	93.3	94.5	99.0	106.7	117.7	133.4	153.2	182.6
107.5°	100.9	98.4	95.4	93.8	95.1	99.6	107.4	118.5	134.4	153.9	182.0
110°	101.3	98.8	95.8	94.3	95.6	100.3	108.1	119.5	135.4	154.6	182.5





TEST NUMBER: P231944

CATALOG NUMBER: FVS4WM-4-LD4-30-1LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
112.5°	97.8	96.5	94.6	93.9	95.8	100.9	108.9	120.4	136.4	155.3	182.8
115°	92.2	91.6	90.8	91.5	94.5	100.0	107.8	118.3	132.2	148.6	172.7
117.5°	86.8	86.9	87.4	89.4	93.4	99.2	106.8	116.2	127.9	141.8	162.7
120°	81.6	82.8	84.4	87.5	92.4	98.5	105.6	113.9	123.6	135.1	152.8
122.5°	76.9	79.2	82.0	85.9	91.5	97.8	104.4	111.4	119.2	128.3	143.1
125°	72.7	76.1	80.1	84.9	90.9	97.2	103.2	108.8	114.6	121.6	133.4
127.5°	69.1	73.6	78.6	84.2	90.5	96.6	101.8	106.0	110.0	114.8	123.8
130°	66.3	71.6	77.5	83.8	90.1	96.1	100.3	103.0	105.3	108.1	114.4
132.5°	64.4	70.5	77.0	83.6	89.9	95.4	98.6	99.8	100.4	101.3	105.2
135°	61.5	67.7	74.5	81.6	87.9	93.2	96.3	96.1	95.4	94.6	96.1
137.5°	58.1	63.9	69.8	76.3	81.4	85.5	88.3	87.8	87.3	86.8	88.7
140°	54.6	59.6	64.9	70.0	74.6	77.7	79.9	79.6	79.3	79.0	81.3
142.5°	50.7	55.0	59.5	63.7	67.7	69.9	71.4	71.3	71.3	71.2	73.8
145°	46.3	50.0	53.8	57.1	60.1	62.0	63.1	63.1	63.3	63.4	66.2
147.5°	41.4	44.5	47.5	50.2	52.4	54.1	54.8	55.0	55.4	55.7	58.6
150°	36.1	38.5	40.8	43.0	44.6	46.0	46.5	46.8	47.4	47.9	50.9
152.5°	30.1	32.0	33.8	35.4	36.7	37.8	38.3	38.8	39.5	40.1	43.2
155°	23.6	25.0	26.4	27.6	28.7	29.6	30.2	30.9	31.6	32.3	35.4
157.5°	19.9	20.4	20.9	21.4	21.8	22.2	22.5	23.1	23.8	24.5	27.6
160°	17.9	18.4	18.8	19.2	19.5	19.9	20.2	20.7	21.3	21.8	24.7
162.5°	15.9	16.3	16.6	17.0	17.3	17.5	17.9	18.3	18.8	19.2	21.7
165°	13.8	14.2	14.4	14.7	15.0	15.2	15.5	15.9	16.2	16.5	18.7
167.5°	11.7	12.0	12.2	12.4	12.6	12.9	13.2	13.4	13.7	13.9	15.7
170°	9.6	9.8	10.0	10.1	10.3	10.5	10.7	10.9	11.1	11.2	12.7
172.5°	7.4	7.6	7.7	7.9	8.0	8.2	8.3	8.4	8.5	8.6	9.7
175°	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.8	5.9	5.9	6.7
177.5°	3.0	3.0	3.1	3.1	3.2	3.2	3.2	3.2	3.2	3.3	3.7
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: P231944

CATALOG NUMBER: FVS4WM-4-LD4-30-1LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
2.5°	4.0	4.4	4.8	5.2	5.5	5.9	6.2	6.6	6.9	7.2	7.5
5°	7.5	8.2	9.0	9.7	10.4	11.1	11.8	12.4	13.1	13.7	14.3
7.5°	10.9	12.0	13.1	14.2	15.2	16.3	17.3	18.5	19.7	20.9	22.0
10°	14.2	15.7	17.2	18.6	20.0	21.7	23.4	25.0	26.6	28.1	29.7
12.5°	17.6	19.4	21.2	23.1	25.2	27.3	29.3	31.3	33.2	35.1	36.8
15°	20.9	23.0	25.2	27.8	30.3	32.7	35.1	37.5	39.8	42.1	44.5
17.5°	24.2	26.6	29.4	32.3	35.2	38.1	41.0	43.9	46.6	49.2	51.7
20°	27.5	30.2	33.5	36.8	40.0	43.6	47.0	50.3	53.5	56.6	59.5
22.5°	30.7	34.0	37.6	41.2	45.1	49.2	53.1	56.9	60.6	64.1	67.5
25°	38.4	41.8	45.4	49.1	53.1	57.1	61.0	64.7	68.4	72.1	76.0
27.5°	46.2	49.9	53.7	57.8	62.1	66.3	70.5	74.6	78.6	82.4	85.6
30°	53.8	57.8	61.8	66.3	71.0	75.4	79.9	84.2	88.3	91.8	95.1
32.5°	61.6	65.7	69.9	74.6	79.4	84.3	89.0	93.3	97.3	100.8	103.0
35°	69.2	73.4	77.9	82.7	87.9	93.4	97.7	102.0	105.8	108.7	109.6
37.5°	76.8	81.1	85.8	90.7	96.3	101.5	106.0	110.2	114.3	115.1	115.9
40°	84.4	88.6	93.5	98.7	104.6	109.5	114.0	118.0	120.4	121.2	121.5
42.5°	91.8	96.1	101.0	106.6	112.6	117.2	121.5	125.6	126.4	126.9	126.9
45°	99.2	103.5	108.4	114.4	120.2	124.7	128.8	131.5	132.2	132.2	132.3
47.5°	110.8	117.4	124.1	130.6	134.9	137.4	139.3	138.3	137.5	137.3	137.7
50°	122.9	132.5	142.3	150.5	154.3	156.3	157.5	155.2	152.2	149.1	146.5
52.5°	135.4	148.2	160.8	170.8	173.4	175.0	174.6	171.7	167.9	164.5	162.2
55°	148.1	164.5	179.6	190.5	192.3	193.3	191.4	187.6	183.3	179.5	177.3
57.5°	161.2	181.1	198.7	209.6	211.0	211.3	207.9	203.3	198.5	194.5	192.1
60°	174.5	198.2	218.1	228.5	229.3	228.9	224.2	218.7	213.4	209.3	207.6
62.5°	187.9	215.6	237.6	247.3	247.4	245.7	240.2	234.0	228.0	223.8	222.9
65°	201.6	233.3	257.3	265.9	265.4	262.3	255.9	249.1	242.3	238.0	237.9
67.5°	215.4	251.2	277.2	284.4	283.2	278.7	271.6	264.0	256.9	252.5	252.6
70°	216.0	253.1	280.6	290.5	292.1	288.6	282.5	276.0	270.1	267.0	268.5
72.5°	216.0	253.4	281.7	294.1	298.1	294.4	289.2	283.9	279.0	276.9	279.7
75°	215.9	253.5	282.7	298.3	304.4	300.4	296.4	292.1	288.2	286.6	290.1
77.5°	215.7	253.4	283.6	302.8	310.9	306.5	303.9	300.7	297.6	296.2	300.0
80°	216.4	253.1	284.4	307.7	317.6	312.6	311.6	309.5	307.1	305.7	309.7
82.5°	215.4	253.4	286.1	312.6	324.4	318.8	319.6	318.5	316.7	315.1	319.1
85°	214.5	252.1	285.9	318.2	331.5	325.0	327.8	327.7	326.5	324.5	328.3
87.5°	213.5	250.7	285.7	322.6	338.0	331.5	335.8	336.9	336.3	333.9	337.4
90°	212.5	249.3	285.5	327.0	344.5	338.0	343.9	346.2	346.2	343.3	346.2
92.5°	213.5	250.7	285.7	322.6	338.0	331.5	335.8	336.9	336.3	333.9	337.4
95°	214.5	252.1	285.9	318.2	331.5	325.0	327.8	327.7	326.5	324.5	328.3
97.5°	215.4	253.4	286.1	312.6	324.4	318.8	319.6	318.5	316.7	315.1	319.1
100°	216.4	253.1	284.4	307.7	317.6	312.6	311.6	309.5	307.1	305.7	309.7
102.5°	215.7	253.4	283.6	302.8	310.9	306.5	303.9	300.7	297.6	296.2	300.0
105°	215.9	253.5	282.7	298.3	304.4	300.4	296.4	292.1	288.2	286.6	290.1
107.5°	216.0	253.4	281.7	294.1	298.1	294.4	289.2	283.9	279.0	276.9	279.7
110°	216.0	253.1	280.6	290.5	292.1	288.6	282.5	276.0	270.1	267.0	268.5



TEST NUMBER: P231944

CATALOG NUMBER: FVS4WM-4-LD4-30-1LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	215.4	251.2	277.2	284.4	283.2	278.7	271.6	264.0	256.9	252.5	252.6
115°	201.6	233.3	257.3	265.9	265.4	262.3	255.9	249.1	242.3	238.0	237.9
117.5°	187.9	215.6	237.6	247.3	247.4	245.7	240.2	234.0	228.0	223.8	222.9
120°	174.5	198.2	218.1	228.5	229.3	228.9	224.2	218.7	213.4	209.3	207.6
122.5°	161.2	181.1	198.7	209.6	211.0	211.3	207.9	203.3	198.5	194.5	192.1
125°	148.1	164.5	179.6	190.5	192.3	193.3	191.4	187.6	183.3	179.5	177.3
127.5°	135.4	148.2	160.8	170.8	173.4	175.0	174.6	171.7	167.9	164.5	162.2
130°	122.9	132.5	142.3	150.5	154.3	156.3	157.5	155.2	152.2	149.1	146.5
132.5°	110.8	117.4	124.1	130.6	134.9	137.4	139.3	138.3	137.5	137.3	137.7
135°	99.2	103.5	108.4	114.4	120.2	124.7	128.8	131.5	132.2	132.2	132.3
137.5°	91.8	96.1	101.0	106.6	112.6	117.2	121.5	125.6	126.4	126.9	126.9
140°	84.4	88.6	93.5	98.7	104.6	109.5	114.0	118.0	120.4	121.2	121.5
142.5°	76.8	81.1	85.8	90.7	96.3	101.5	106.0	110.2	114.3	115.1	115.9
145°	69.2	73.4	77.9	82.7	87.9	93.4	97.7	102.0	105.8	108.7	109.6
147.5°	61.6	65.7	69.9	74.6	79.4	84.3	89.0	93.3	97.3	100.8	103.0
150°	53.8	57.8	61.8	66.3	71.0	75.4	79.9	84.2	88.3	91.8	95.1
152.5°	46.2	49.9	53.7	57.8	62.1	66.3	70.5	74.6	78.6	82.4	85.6
155°	38.4	41.8	45.4	49.1	53.1	57.1	61.0	64.7	68.4	72.1	76.0
157.5°	30.7	34.0	37.6	41.2	45.1	49.2	53.1	56.9	60.6	64.1	67.5
160°	27.5	30.2	33.5	36.8	40.0	43.6	47.0	50.3	53.5	56.6	59.5
162.5°	24.2	26.6	29.4	32.3	35.2	38.1	41.0	43.9	46.6	49.2	51.7
165°	20.9	23.0	25.2	27.8	30.3	32.7	35.1	37.5	39.8	42.1	44.5
167.5°	17.6	19.4	21.2	23.1	25.2	27.3	29.3	31.3	33.2	35.1	36.8
170°	14.2	15.7	17.2	18.6	20.0	21.7	23.4	25.0	26.6	28.1	29.7
172.5°	10.9	12.0	13.1	14.2	15.2	16.3	17.3	18.5	19.7	20.9	22.0
175°	7.5	8.2	9.0	9.7	10.4	11.1	11.8	12.4	13.1	13.7	14.3
177.5°	4.0	4.4	4.8	5.2	5.5	5.9	6.2	6.6	6.9	7.2	7.5
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: P231944

CATALOG NUMBER: FVS4WM-4-LD4-30-1LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
2.5°	7.8	8.1	8.3	8.6	8.8	9.0	9.2	9.4	9.5	9.7	9.8
5°	15.0	15.7	16.4	17.0	17.6	18.2	18.7	19.2	19.7	20.1	20.5
7.5°	23.1	24.2	25.2	26.1	27.0	27.7	28.4	29.0	29.6	30.1	30.5
10°	30.9	32.2	33.4	34.5	35.5	36.5	37.4	38.2	38.9	39.5	40.0
12.5°	38.5	40.1	41.6	42.9	44.2	45.4	46.4	47.4	48.2	48.9	49.3
15°	46.2	48.1	49.9	51.5	53.0	54.2	55.3	56.2	57.0	57.7	58.2
17.5°	54.1	56.6	58.3	60.1	61.7	63.2	64.5	65.7	66.8	67.7	68.5
20°	62.2	64.7	67.0	69.1	71.0	72.7	74.3	75.6	76.5	77.4	78.3
22.5°	70.7	73.6	76.1	78.4	80.6	81.6	82.8	83.9	85.0	86.1	87.3
25°	79.3	82.3	85.5	86.4	87.6	88.8	90.0	91.1	92.4	93.9	95.5
27.5°	88.6	90.7	91.4	92.6	93.6	94.6	96.0	97.4	99.1	100.9	103.4
30°	97.0	97.8	98.4	98.6	98.7	99.4	101.0	102.8	106.0	109.3	112.7
32.5°	103.9	104.5	104.7	104.9	105.4	105.9	107.7	110.1	114.0	118.9	123.8
35°	110.2	110.4	110.8	111.4	112.4	114.7	117.0	120.8	124.6	130.4	138.2
37.5°	116.0	116.3	117.0	118.4	120.8	124.0	128.2	133.2	140.0	147.4	156.0
40°	121.6	122.3	123.6	126.1	129.8	134.3	140.9	148.6	158.2	169.0	180.5
42.5°	127.4	128.4	130.8	134.5	139.3	146.8	155.2	167.2	180.2	194.7	209.9
45°	132.9	135.1	138.3	143.2	151.0	159.9	173.5	187.7	204.9	222.5	241.3
47.5°	139.0	141.3	146.3	153.5	162.9	177.1	192.7	211.2	231.1	251.8	274.7
50°	145.5	148.7	154.6	164.4	178.2	194.3	213.9	235.4	259.0	283.9	310.3
52.5°	161.1	162.7	168.1	176.9	193.9	213.3	235.6	260.6	287.8	317.3	349.2
55°	177.4	180.3	187.4	199.1	214.3	232.6	257.1	286.5	318.1	352.4	385.7
57.5°	193.2	198.5	207.7	220.7	236.9	258.3	283.8	313.3	349.3	384.0	419.4
60°	209.3	216.0	227.5	241.4	259.5	282.5	311.0	344.5	378.4	412.3	452.2
62.5°	226.4	234.3	246.1	259.8	280.7	306.6	337.3	371.7	405.3	442.7	481.9
65°	242.9	252.1	263.6	278.5	300.6	327.9	361.1	394.8	430.4	468.9	509.3
67.5°	259.0	268.9	279.2	296.2	319.7	348.4	381.4	415.0	451.7	491.2	538.1
70°	275.0	284.6	293.0	312.3	336.5	366.3	398.7	432.7	469.5	511.1	564.9
72.5°	287.7	297.5	307.6	327.2	351.2	382.5	413.3	446.5	483.9	530.8	587.3
75°	298.8	308.6	320.5	338.9	362.9	392.5	424.3	457.2	494.7	546.2	605.5
77.5°	309.6	319.7	331.8	348.6	371.8	400.0	430.3	463.9	506.2	559.8	620.4
80°	320.1	330.7	341.6	356.4	378.6	405.0	434.0	468.3	514.9	573.0	640.0
82.5°	330.3	341.4	350.2	362.8	383.6	408.0	435.7	470.4	521.0	583.6	654.3
85°	340.2	351.9	357.9	367.9	387.1	409.2	435.4	470.3	524.2	591.1	663.3
87.5°	350.0	362.2	365.1	372.4	389.6	409.3	434.1	469.1	526.0	597.3	669.5
90°	359.1	371.9	371.9	376.0	390.6	407.5	430.3	464.2	521.4	594.9	665.6
92.5°	350.0	362.2	365.1	372.4	389.6	409.3	434.1	469.1	526.0	597.3	669.5
95°	340.2	351.9	357.9	367.9	387.1	409.2	435.4	470.3	524.2	591.1	663.3
97.5°	330.3	341.4	350.2	362.8	383.6	408.0	435.7	470.4	521.0	583.6	654.3
100°	320.1	330.7	341.6	356.4	378.6	405.0	434.0	468.3	514.9	573.0	640.0
102.5°	309.6	319.7	331.8	348.6	371.8	400.0	430.3	463.9	506.2	559.8	620.4
105°	298.8	308.6	320.5	338.9	362.9	392.5	424.3	457.2	494.7	546.2	605.5
107.5°	287.7	297.5	307.6	327.2	351.2	382.5	413.3	446.5	483.9	530.8	587.3
110°	275.0	284.6	293.0	312.3	336.5	366.3	398.7	432.7	469.5	511.1	564.9



TEST NUMBER: P231944

CATALOG NUMBER: FVS4WM-4-LD4-30-1LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
112.5°	259.0	268.9	279.2	296.2	319.7	348.4	381.4	415.0	451.7	491.2	538.1
115°	242.9	252.1	263.6	278.5	300.6	327.9	361.1	394.8	430.4	468.9	509.3
117.5°	226.4	234.3	246.1	259.8	280.7	306.6	337.3	371.7	405.3	442.7	481.9
120°	209.3	216.0	227.5	241.4	259.5	282.5	311.0	344.5	378.4	412.3	452.2
122.5°	193.2	198.5	207.7	220.7	236.9	258.3	283.8	313.3	349.3	384.0	419.4
125°	177.4	180.3	187.4	199.1	214.3	232.6	257.1	286.5	318.1	352.4	385.7
127.5°	161.1	162.7	168.1	176.9	193.9	213.3	235.6	260.6	287.8	317.3	349.2
130°	145.5	148.7	154.6	164.4	178.2	194.3	213.9	235.4	259.0	283.9	310.3
132.5°	139.0	141.3	146.3	153.5	162.9	177.1	192.7	211.2	231.1	251.8	274.7
135°	132.9	135.1	138.3	143.2	151.0	159.9	173.5	187.7	204.9	222.5	241.3
137.5°	127.4	128.4	130.8	134.5	139.3	146.8	155.2	167.2	180.2	194.7	209.9
140°	121.6	122.3	123.6	126.1	129.8	134.3	140.9	148.6	158.2	169.0	180.5
142.5°	116.0	116.3	117.0	118.4	120.8	124.0	128.2	133.2	140.0	147.4	156.0
145°	110.2	110.4	110.8	111.4	112.4	114.7	117.0	120.8	124.6	130.4	138.2
147.5°	103.9	104.5	104.7	104.9	105.4	105.9	107.7	110.1	114.0	118.9	123.8
150°	97.0	97.8	98.4	98.6	98.7	99.4	101.0	102.8	106.0	109.3	112.7
152.5°	88.6	90.7	91.4	92.6	93.6	94.6	96.0	97.4	99.1	100.9	103.4
155°	79.3	82.3	85.5	86.4	87.6	88.8	90.0	91.1	92.4	93.9	95.5
157.5°	70.7	73.6	76.1	78.4	80.6	81.6	82.8	83.9	85.0	86.1	87.3
160°	62.2	64.7	67.0	69.1	71.0	72.7	74.3	75.6	76.5	77.4	78.3
162.5°	54.1	56.6	58.3	60.1	61.7	63.2	64.5	65.7	66.8	67.7	68.5
165°	46.2	48.1	49.9	51.5	53.0	54.2	55.3	56.2	57.0	57.7	58.2
167.5°	38.5	40.1	41.6	42.9	44.2	45.4	46.4	47.4	48.2	48.9	49.3
170°	30.9	32.2	33.4	34.5	35.5	36.5	37.4	38.2	38.9	39.5	40.0
172.5°	23.1	24.2	25.2	26.1	27.0	27.7	28.4	29.0	29.6	30.1	30.5
175°	15.0	15.7	16.4	17.0	17.6	18.2	18.7	19.2	19.7	20.1	20.5
177.5°	7.8	8.1	8.3	8.6	8.8	9.0	9.2	9.4	9.5	9.7	9.8
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231944

CATALOG NUMBER: FVS4WM-4-LD4-30-1LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
2.5°	9.9	10.0	10.1	10.2	10.2	10.2	10.6	10.4	10.3	10.2	10.1
5°	20.9	21.2	21.4	21.6	21.8	21.9	22.0	22.1	22.4	22.2	22.0
7.5°	30.9	31.2	31.5	31.7	31.8	31.9	32.0	31.9	31.8	31.9	31.6
10°	40.5	40.9	41.1	41.4	41.5	41.5	41.5	41.4	41.2	41.2	40.7
12.5°	49.7	49.9	50.0	50.1	50.0	49.8	49.5	49.2	48.7	48.2	47.7
15°	58.8	59.2	59.5	59.6	59.7	59.6	59.3	59.0	58.5	58.0	57.5
17.5°	69.1	69.6	70.0	70.4	70.7	70.8	70.9	70.8	70.6	70.2	70.1
20°	79.1	79.8	80.6	81.4	82.0	82.6	83.1	83.5	83.7	83.8	84.1
22.5°	88.4	89.6	90.8	92.0	93.2	94.2	95.2	96.0	96.7	97.2	98.0
25°	97.1	98.8	100.5	102.5	104.5	106.2	107.8	109.2	110.4	111.4	112.1
27.5°	106.2	108.8	111.4	114.3	117.4	120.2	122.8	125.0	127.0	128.7	130.0
30°	116.6	120.8	124.7	128.6	133.5	138.0	142.2	145.8	149.1	151.8	153.9
32.5°	129.2	135.7	142.0	148.0	154.8	162.0	168.5	174.4	179.6	184.0	187.6
35°	145.7	155.0	164.7	173.9	183.0	192.6	201.2	208.8	215.4	220.9	225.3
37.5°	167.4	179.1	192.5	204.9	216.4	227.9	238.5	247.8	255.8	262.6	267.9
40°	194.0	209.0	224.6	239.7	253.6	267.0	279.4	290.1	299.1	306.4	312.0
42.5°	226.2	242.1	259.6	278.0	294.7	310.0	325.3	338.4	349.3	358.0	364.4
45°	260.1	280.5	299.7	321.8	342.7	363.3	378.9	394.4	407.4	417.7	425.4
47.5°	297.7	322.7	347.5	371.8	396.1	418.0	438.8	458.6	476.1	491.1	503.0
50°	339.3	367.7	396.3	424.4	452.7	479.1	505.0	530.5	552.9	571.9	587.1
52.5°	380.6	411.9	444.6	476.9	511.5	546.1	577.8	611.4	640.4	664.5	683.6
55°	419.5	455.6	492.6	532.4	574.8	622.5	664.9	700.6	730.1	753.6	771.1
57.5°	457.8	498.0	540.3	591.2	646.9	698.6	750.1	784.1	808.6	826.6	838.6
60°	493.4	537.7	591.4	649.3	709.7	766.5	818.1	853.9	869.8	882.4	891.4
62.5°	524.6	578.1	639.1	703.8	765.8	822.6	865.6	900.9	913.1	922.2	928.1
65°	558.6	615.4	682.9	751.5	814.1	866.7	904.3	931.4	946.9	956.5	963.9
67.5°	592.9	655.7	724.3	796.0	859.9	907.6	940.6	962.5	976.6	985.5	992.4
70°	624.9	694.3	767.7	841.4	903.9	944.8	972.7	987.0	999.5	1009.1	1016.4
72.5°	653.1	727.5	806.6	878.4	937.4	974.9	991.7	1005.9	1019.5	1030.8	1037.1
75°	677.3	757.2	835.8	908.2	966.4	991.6	1006.6	1022.0	1037.3	1048.8	1055.3
77.5°	696.1	780.6	859.0	937.4	984.0	1007.9	1022.5	1036.8	1048.4	1059.3	1067.1
80°	716.9	797.8	880.1	961.2	1003.6	1023.7	1036.1	1046.5	1055.1	1066.0	1075.9
82.5°	733.7	814.7	902.3	975.0	1014.6	1033.1	1044.7	1055.0	1064.3	1071.8	1082.3
85°	743.6	825.1	915.5	985.9	1019.7	1036.6	1049.8	1061.6	1070.9	1078.9	1084.5
87.5°	749.9	828.8	919.7	993.1	1022.2	1038.0	1051.6	1063.0	1072.7	1083.2	1089.0
90°	743.8	825.6	914.9	994.3	1021.7	1037.5	1051.5	1062.0	1070.2	1081.9	1086.5
92.5°	749.9	828.8	919.7	993.1	1022.2	1038.0	1051.6	1063.0	1072.7	1083.2	1089.0
95°	743.6	825.1	915.5	985.9	1019.7	1036.6	1049.8	1061.6	1070.9	1078.9	1084.5
97.5°	733.7	814.7	902.3	975.0	1014.6	1033.1	1044.7	1055.0	1064.3	1071.8	1082.3
100°	716.9	797.8	880.1	961.2	1003.6	1023.7	1036.1	1046.5	1055.1	1066.0	1075.9
102.5°	696.1	780.6	859.0	937.4	984.0	1007.9	1022.5	1036.8	1048.4	1059.3	1067.1
105°	677.3	757.2	835.8	908.2	966.4	991.6	1006.6	1022.0	1037.3	1048.8	1055.3
107.5°	653.1	727.5	806.6	878.4	937.4	974.9	991.7	1005.9	1019.5	1030.8	1037.1
110°	624.9	694.3	767.7	841.4	903.9	944.8	972.7	987.0	999.5	1009.1	1016.4



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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°	592.9	655.7	724.3	796.0	859.9	907.6	940.6	962.5	976.6	985.5	992.4
115°	558.6	615.4	682.9	751.5	814.1	866.7	904.3	931.4	946.9	956.5	963.9
117.5°	524.6	578.1	639.1	703.8	765.8	822.6	865.6	900.9	913.1	922.2	928.1
120°	493.4	537.7	591.4	649.3	709.7	766.5	818.1	853.9	869.8	882.4	891.4
122.5°	457.8	498.0	540.3	591.2	646.9	698.6	750.1	784.1	808.6	826.6	838.6
125°	419.5	455.6	492.6	532.4	574.8	622.5	664.9	700.6	730.1	753.6	771.1
127.5°	380.6	411.9	444.6	476.9	511.5	546.1	577.8	611.4	640.4	664.5	683.6
130°	339.3	367.7	396.3	424.4	452.7	479.1	505.0	530.5	552.9	571.9	587.1
132.5°	297.7	322.7	347.5	371.8	396.1	418.0	438.8	458.6	476.1	491.1	503.0
135°	260.1	280.5	299.7	321.8	342.7	363.3	378.9	394.4	407.4	417.7	425.4
137.5°	226.2	242.1	259.6	278.0	294.7	310.0	325.3	338.4	349.3	358.0	364.4
140°	194.0	209.0	224.6	239.7	253.6	267.0	279.4	290.1	299.1	306.4	312.0
142.5°	167.4	179.1	192.5	204.9	216.4	227.9	238.5	247.8	255.8	262.6	267.9
145°	145.7	155.0	164.7	173.9	183.0	192.6	201.2	208.8	215.4	220.9	225.3
147.5°	129.2	135.7	142.0	148.0	154.8	162.0	168.5	174.4	179.6	184.0	187.6
150°	116.6	120.8	124.7	128.6	133.5	138.0	142.2	145.8	149.1	151.8	153.9
152.5°	106.2	108.8	111.4	114.3	117.4	120.2	122.8	125.0	127.0	128.7	130.0
155°	97.1	98.8	100.5	102.5	104.5	106.2	107.8	109.2	110.4	111.4	112.1
157.5°	88.4	89.6	90.8	92.0	93.2	94.2	95.2	96.0	96.7	97.2	98.0
160°	79.1	79.8	80.6	81.4	82.0	82.6	83.1	83.5	83.7	83.8	84.1
162.5°	69.1	69.6	70.0	70.4	70.7	70.8	70.9	70.8	70.6	70.2	70.1
165°	58.8	59.2	59.5	59.6	59.7	59.6	59.3	59.0	58.5	58.0	57.5
167.5°	49.7	49.9	50.0	50.1	50.0	49.8	49.5	49.2	48.7	48.2	47.7
170°	40.5	40.9	41.1	41.4	41.5	41.5	41.5	41.4	41.2	41.2	40.7
172.5°	30.9	31.2	31.5	31.7	31.8	31.9	32.0	31.9	31.8	31.9	31.6
175°	20.9	21.2	21.4	21.6	21.8	21.9	22.0	22.1	22.4	22.2	22.0
177.5°	9.9	10.0	10.1	10.2	10.2	10.2	10.6	10.4	10.3	10.2	10.1
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°	0.6	0.6
2.5°	10.0	9.9
5°	21.8	21.6
7.5°	31.2	30.9
10°	40.2	39.7
12.5°	46.9	46.1
15°	56.5	55.5
17.5°	69.2	68.3
20°	83.5	82.9
22.5°	97.8	97.5
25°	112.7	112.7
27.5°	131.1	131.4
30°	155.8	156.5
32.5°	190.8	192.1
35°	229.1	230.6
37.5°	272.6	274.4
40°	316.7	318.2
42.5°	369.7	370.7
45°	431.7	432.6
47.5°	513.7	516.7
50°	600.4	604.9
52.5°	700.1	705.3
55°	785.4	788.8
57.5°	847.1	846.6
60°	898.6	898.0
62.5°	930.9	930.7
65°	968.4	969.8
67.5°	996.8	998.4
70°	1021.3	1023.5
72.5°	1039.0	1037.5
75°	1057.8	1057.9
77.5°	1073.2	1079.0
80°	1084.9	1091.2
82.5°	1091.3	1100.6
85°	1094.0	1105.2
87.5°	1090.7	1108.7
90°	1091.8	1102.9
92.5°	1090.7	1108.7
95°	1094.0	1105.2
97.5°	1091.3	1100.6
100°	1084.9	1091.2
102.5°	1073.2	1079.0
105°	1057.8	1057.9
107.5°	1039.0	1037.5
110°	1021.3	1023.5





TEST NUMBER: P231944

CATALOG NUMBER: FVS4WM-4-LD4-30-1LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
112.5°	996.8	998.4
115°	968.4	969.8
117.5°	930.9	930.7
120°	898.6	898.0
122.5°	847.1	846.6
125°	785.4	788.8
127.5°	700.1	705.3
130°	600.4	604.9
132.5°	513.7	516.7
135°	431.7	432.6
137.5°	369.7	370.7
140°	316.7	318.2
142.5°	272.6	274.4
145°	229.1	230.6
147.5°	190.8	192.1
150°	155.8	156.5
152.5°	131.1	131.4
155°	112.7	112.7
157.5°	97.8	97.5
160°	83.5	82.9
162.5°	69.2	68.3
165°	56.5	55.5
167.5°	46.9	46.1
170°	40.2	39.7
172.5°	31.2	30.9
175°	21.8	21.6
177.5°	10.0	9.9
180°	0.0	0.0

(END OF REPORT)