

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: P231945

Luminaire Tested: **FVS4WM-4-LD4-35-1LO-P125-UNV-EDC1**

Issue Date: 3/3/2020



**Test Information**

Test Method: LM-79-08  
Report Number: P231945  
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-LD4-35-1LO-P125-UNV-EDC1  
Description: FAILSAFE FVS LED FIXTURE  
4FT LENGTH, 1-MODULE LED WITH P125 LENS  
Light Source: (84) 3500K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

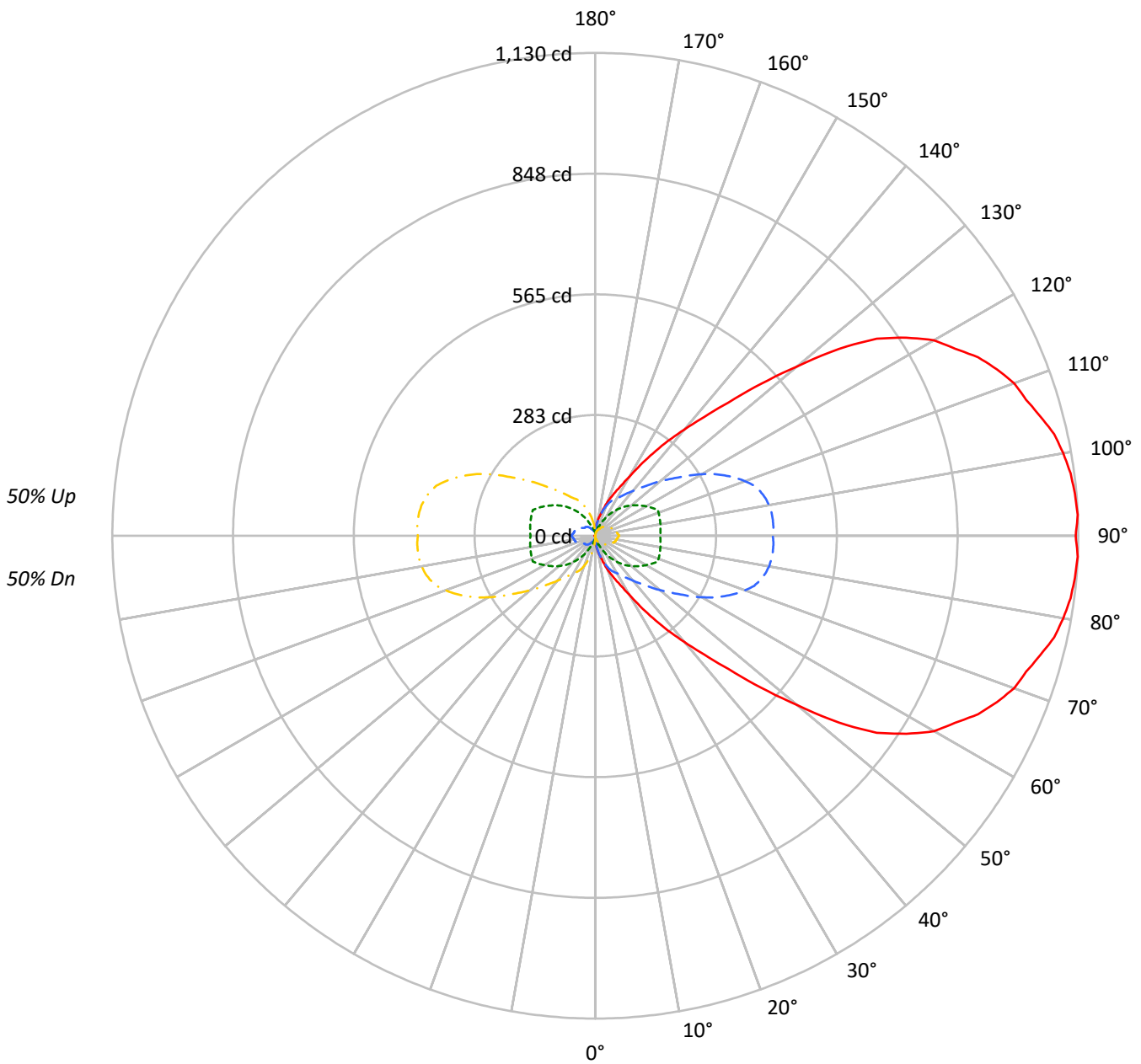
Lumens per Lamp: N/A  
Luminaire Lumens: 2641.8 lumens  
Efficiency: N/A  
Efficacy: 111.9 lumens/watt  
Spacing Criteria (0/90/45): 24.57 / 15.87 / 16.53  
Luminous Opening: Rectangular w/ Sides (W: 3.79' x L: 0.19' x H: 0.31')  
CIE Type: General Diffuse

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°	292	91	8	91
10°	481	173	7	173
15°	612	259	7	259
20°	847	349	6	349
25°	1079	529	6	529
30°	1420	814	5	814
35°	2004	1131	5	1131
40°	2672	1488	5	1488
45°	3539	1907	5	1907
50°	4861	2361	5	2361
55°	6276	2926	5	2926
60°	7128	3646	5	3646
65°	7739	4606	9	4606
70°	8274	5685	10	5685
75°	8733	6979	10	6979
80°	9274	9186	0	9186
85°	9757	13695	0	13695



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	1.3	0.0
10°-20°	8.6	0.3
20°-30°	23.9	0.9
30°-40°	53.1	2.0
40°-50°	103.6	3.9
50°-60°	183.5	6.9
60°-70°	267.2	10.1
70°-80°	325.1	12.3
80°-90°	354.5	13.4
90°-100°	354.5	13.4
100°-110°	325.1	12.3
110°-120°	267.2	10.1
120°-130°	183.5	6.9
130°-140°	103.6	3.9
140°-150°	53.1	2.0
150°-160°	23.9	0.9
160°-170°	8.6	0.3
170°-180°	1.3	0.0
0°-30°	33.8	1.3
0°-40°	86.9	3.3
0°-60°	374.0	14.2
0°-90°	1320.9	50.0
90°-120°	946.8	35.8
90°-150°	1287.1	48.7
90°-180°	1321.0	50.0
0°-180°	2641.8	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	17	1	17	56	17
25°	115	33	1	33	115	55
35°	235	65	1	65	235	152
45°	441	96	1	96	441	355
55°	804	124	1	124	804	709
65°	988	151	1	151	988	977
75°	1078	156	1	156	1078	1141
85°	1126	153	0	153	1126	917
90°	1124	152	0	152	1124	618
95°	1126	153	0	153	1126	917
105°	1078	156	1	156	1078	1141
115°	988	151	1	151	988	977
125°	804	124	1	124	804	709
135°	441	96	1	96	441	355
145°	235	65	1	65	235	152
155°	115	33	1	33	115	55
165°	56	17	1	17	56	17
175°	22	6	1	6	22	3
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°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
2.5°	10.1	10.2	10.3	10.4	10.5	10.7	10.8	10.4	10.4	10.4	10.3
5°	22.0	22.2	22.4	22.6	22.8	22.5	22.4	22.3	22.2	22.0	21.8
7.5°	31.5	31.8	32.2	32.5	32.4	32.5	32.6	32.5	32.4	32.3	32.1
10°	40.5	41.0	41.5	42.1	42.0	42.2	42.3	42.3	42.3	42.2	41.9
12.5°	47.0	47.8	48.6	49.1	49.7	50.1	50.5	50.8	51.0	51.0	51.0
15°	56.5	57.5	58.5	59.0	59.6	60.1	60.4	60.7	60.8	60.7	60.6
17.5°	69.6	70.5	71.4	71.6	71.9	72.1	72.2	72.2	72.0	71.7	71.4
20°	84.5	85.1	85.7	85.4	85.3	85.1	84.7	84.2	83.6	82.9	82.2
22.5°	99.3	99.6	99.9	99.0	98.5	97.8	97.0	96.0	94.9	93.8	92.5
25°	114.8	114.8	114.2	113.5	112.5	111.3	109.8	108.2	106.4	104.5	102.4
27.5°	133.8	133.5	132.4	131.0	129.4	127.4	125.0	122.4	119.6	116.4	113.5
30°	159.4	158.7	156.8	154.6	151.8	148.5	144.8	140.6	136.0	131.0	127.1
32.5°	195.7	194.4	191.1	187.5	183.0	177.7	171.7	165.0	157.7	150.8	144.7
35°	235.0	233.5	229.6	225.1	219.5	212.8	205.0	196.2	186.5	177.2	167.8
37.5°	279.6	277.8	273.0	267.5	260.7	252.5	243.0	232.2	220.5	208.8	196.1
40°	324.2	322.7	317.9	312.2	304.7	295.6	284.7	272.1	258.4	244.2	228.8
42.5°	377.7	376.7	371.3	364.7	355.9	344.8	331.4	315.8	300.2	283.3	264.5
45°	440.8	439.9	433.4	425.6	415.1	401.9	386.1	370.2	349.1	327.9	305.3
47.5°	526.5	523.4	512.6	500.4	485.1	467.2	447.1	425.9	403.6	378.8	354.0
50°	616.3	611.7	598.1	582.7	563.4	540.6	514.5	488.1	461.2	432.4	403.8
52.5°	718.6	713.3	696.5	677.1	652.5	622.9	588.7	556.4	521.1	486.0	453.0
55°	803.7	800.2	785.6	767.8	743.9	713.8	677.4	634.3	585.7	542.5	501.9
57.5°	862.6	863.1	854.4	842.2	823.9	798.9	764.3	711.8	659.1	602.4	550.5
60°	914.9	915.5	908.2	899.0	886.2	870.0	833.5	781.0	723.1	661.5	602.6
62.5°	948.2	948.4	945.6	939.6	930.3	917.9	881.9	838.1	780.3	717.1	651.2
65°	988.1	986.7	982.1	974.6	964.8	949.1	921.4	883.1	829.4	765.7	695.8
67.5°	1017.2	1015.5	1011.1	1004.1	995.0	980.7	958.4	924.7	876.1	811.0	738.0
70°	1042.8	1040.6	1035.6	1028.1	1018.4	1005.6	991.1	962.7	921.1	857.3	782.2
72.5°	1057.1	1058.6	1056.6	1050.2	1038.7	1024.9	1010.4	993.3	955.1	895.0	821.8
75°	1077.9	1077.8	1075.2	1068.6	1056.9	1041.3	1025.6	1010.3	984.7	925.4	851.6
77.5°	1099.3	1093.4	1087.2	1079.4	1068.2	1056.4	1041.8	1026.9	1002.6	955.2	875.2
80°	1111.8	1105.4	1096.3	1086.1	1075.1	1066.3	1055.7	1043.0	1022.5	979.4	896.7
82.5°	1121.3	1111.9	1102.7	1092.0	1084.4	1074.9	1064.5	1052.6	1033.7	993.4	919.4
85°	1126.1	1114.7	1105.0	1099.3	1091.2	1081.6	1069.6	1056.2	1039.0	1004.5	932.9
87.5°	1129.7	1111.3	1109.5	1103.7	1093.0	1083.1	1071.5	1057.6	1041.5	1011.8	937.1
90°	1123.7	1112.4	1107.1	1102.3	1090.4	1082.1	1071.4	1057.1	1041.0	1013.1	932.2
92.5°	1129.7	1111.3	1109.5	1103.7	1093.0	1083.1	1071.5	1057.6	1041.5	1011.8	937.1
95°	1126.1	1114.7	1105.0	1099.3	1091.2	1081.6	1069.6	1056.2	1039.0	1004.5	932.9
97.5°	1121.3	1111.9	1102.7	1092.0	1084.4	1074.9	1064.5	1052.6	1033.7	993.4	919.4
100°	1111.8	1105.4	1096.3	1086.1	1075.1	1066.3	1055.7	1043.0	1022.5	979.4	896.7
102.5°	1099.3	1093.4	1087.2	1079.4	1068.2	1056.4	1041.8	1026.9	1002.6	955.2	875.2
105°	1077.9	1077.8	1075.2	1068.6	1056.9	1041.3	1025.6	1010.3	984.7	925.4	851.6
107.5°	1057.1	1058.6	1056.6	1050.2	1038.7	1024.9	1010.4	993.3	955.1	895.0	821.8
110°	1042.8	1040.6	1035.6	1028.1	1018.4	1005.6	991.1	962.7	921.1	857.3	782.2



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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°	1017.2	1015.5	1011.1	1004.1	995.1	980.7	958.4	924.7	876.1	811.0	738.0
115°	988.1	986.7	982.1	974.6	964.8	949.1	921.4	883.1	829.4	765.7	695.8
117.5°	948.2	948.4	945.6	939.6	930.3	917.9	881.9	838.1	780.3	717.1	651.2
120°	914.9	915.5	908.2	899.0	886.2	870.0	833.5	781.0	723.1	661.5	602.6
122.5°	862.6	863.1	854.4	842.2	823.9	798.9	764.3	711.8	659.1	602.4	550.5
125°	803.7	800.2	785.6	767.8	743.9	713.8	677.4	634.3	585.7	542.5	501.9
127.5°	718.6	713.3	696.5	677.1	652.5	622.9	588.7	556.4	521.1	486.0	453.0
130°	616.3	611.7	598.1	582.7	563.4	540.6	514.5	488.1	461.2	432.4	403.8
132.5°	526.5	523.4	512.6	500.4	485.1	467.2	447.1	425.9	403.6	378.8	354.0
135°	440.8	439.9	433.4	425.6	415.1	401.9	386.1	370.2	349.1	327.9	305.3
137.5°	377.7	376.7	371.3	364.7	355.9	344.8	331.4	315.8	300.2	283.3	264.5
140°	324.2	322.7	317.9	312.2	304.7	295.6	284.7	272.1	258.4	244.2	228.8
142.5°	279.6	277.8	273.0	267.5	260.7	252.5	243.0	232.2	220.5	208.8	196.1
145°	235.0	233.5	229.6	225.1	219.5	212.8	205.0	196.2	186.5	177.2	167.8
147.5°	195.7	194.4	191.1	187.5	183.0	177.7	171.7	165.0	157.7	150.8	144.7
150°	159.4	158.7	156.8	154.6	151.8	148.5	144.8	140.6	136.0	131.0	127.1
152.5°	133.8	133.5	132.4	131.0	129.4	127.4	125.0	122.4	119.6	116.4	113.5
155°	114.8	114.8	114.2	113.5	112.5	111.3	109.8	108.2	106.4	104.5	102.4
157.5°	99.3	99.6	99.9	99.0	98.5	97.8	97.0	96.0	94.9	93.8	92.5
160°	84.5	85.1	85.7	85.4	85.3	85.1	84.7	84.2	83.6	82.9	82.2
162.5°	69.6	70.5	71.4	71.6	71.9	72.1	72.2	72.2	72.0	71.7	71.4
165°	56.5	57.5	58.5	59.0	59.6	60.1	60.4	60.7	60.8	60.7	60.6
167.5°	47.0	47.8	48.6	49.1	49.7	50.1	50.5	50.8	51.0	51.0	51.0
170°	40.5	41.0	41.5	42.1	42.0	42.2	42.3	42.3	42.3	42.2	41.9
172.5°	31.5	31.8	32.2	32.5	32.4	32.5	32.6	32.5	32.4	32.3	32.1
175°	22.0	22.2	22.4	22.6	22.8	22.5	22.4	22.3	22.2	22.0	21.8
177.5°	10.1	10.2	10.3	10.4	10.5	10.7	10.8	10.4	10.4	10.4	10.3
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°	10.2	10.1	10.0	9.9	9.7	9.6	9.4	9.2	9.0	8.7	8.5
5°	21.5	21.2	20.9	20.5	20.1	19.6	19.1	18.6	18.0	17.4	16.7
7.5°	31.8	31.5	31.1	30.6	30.1	29.6	28.9	28.2	27.5	26.6	25.6
10°	41.6	41.3	40.8	40.3	39.6	38.9	38.1	37.2	36.2	35.1	34.0
12.5°	50.9	50.6	50.3	49.8	49.2	48.3	47.3	46.2	45.0	43.7	42.3
15°	60.3	59.9	59.3	58.8	58.1	57.3	56.4	55.3	54.0	52.5	50.8
17.5°	70.9	70.4	69.8	69.0	68.0	67.0	65.7	64.4	62.9	61.2	59.4
20°	81.4	80.6	79.7	78.9	78.0	77.0	75.7	74.1	72.4	70.5	68.3
22.5°	91.3	90.1	88.9	87.8	86.6	85.5	84.4	83.2	82.1	79.9	77.5
25°	100.7	99.0	97.3	95.6	94.2	92.9	91.7	90.5	89.3	88.1	87.1
27.5°	110.9	108.2	105.4	102.9	101.0	99.2	97.8	96.4	95.4	94.4	93.2
30°	123.0	118.8	114.8	111.3	108.1	104.8	102.9	101.3	100.5	100.5	100.3
32.5°	138.3	131.6	126.1	121.1	116.1	112.1	109.8	108.0	107.4	106.8	106.6
35°	157.9	148.4	140.8	132.9	126.9	123.1	119.1	116.9	114.6	113.5	112.8
37.5°	182.5	170.6	159.0	150.1	142.7	135.7	130.6	126.3	123.1	120.6	119.2
40°	212.8	197.7	183.9	172.2	161.1	151.4	143.6	136.9	132.2	128.5	126.0
42.5°	246.7	230.4	213.9	198.3	183.6	170.3	158.1	149.6	141.9	137.0	133.3
45°	285.8	265.1	245.8	226.7	208.7	191.2	176.7	162.9	153.8	145.9	140.8
47.5°	328.7	303.3	279.9	256.6	235.5	215.2	196.3	180.4	166.0	156.4	149.0
50°	374.6	345.7	316.1	289.3	263.9	239.9	218.0	198.0	181.5	167.5	157.5
52.5°	419.7	387.7	355.7	323.3	293.2	265.6	240.0	217.4	197.6	180.3	171.2
55°	464.2	427.4	393.0	359.0	324.1	291.9	262.0	237.1	218.3	202.9	191.0
57.5°	507.4	466.4	427.3	391.2	355.8	319.2	289.2	263.2	241.4	224.8	211.6
60°	547.9	502.7	460.7	420.1	385.5	350.9	316.9	287.9	264.4	246.0	231.8
62.5°	589.0	534.5	491.0	451.0	412.9	378.6	343.7	312.4	286.0	264.7	250.8
65°	627.1	569.2	519.0	477.7	438.5	402.2	367.8	334.1	306.3	283.8	268.6
67.5°	668.1	604.1	548.3	500.5	460.2	422.8	388.5	354.9	325.8	301.8	284.5
70°	707.4	636.7	575.5	520.8	478.4	440.8	406.2	373.1	342.8	318.2	298.6
72.5°	741.2	665.4	598.4	540.8	493.0	455.0	421.1	389.7	357.8	333.3	313.5
75°	771.4	690.1	617.0	556.4	504.0	465.9	432.3	399.9	369.7	345.3	326.6
77.5°	795.3	709.3	632.1	570.4	515.7	472.7	438.4	407.5	378.8	355.1	338.0
80°	812.9	730.4	652.1	583.8	524.6	477.1	442.2	412.7	385.7	363.2	348.0
82.5°	830.0	747.5	666.7	594.6	530.8	479.3	443.9	415.7	390.8	369.6	356.8
85°	840.6	757.6	675.8	602.3	534.0	479.2	443.6	416.9	394.4	374.9	364.7
87.5°	844.4	764.1	682.1	608.6	535.9	477.9	442.3	417.1	397.0	379.4	372.0
90°	841.2	757.9	678.2	606.2	531.2	472.9	438.4	415.2	398.0	383.1	378.9
92.5°	844.4	764.1	682.1	608.6	535.9	477.9	442.3	417.1	397.0	379.4	372.0
95°	840.6	757.6	675.8	602.3	534.0	479.2	443.6	416.9	394.4	374.9	364.7
97.5°	830.0	747.5	666.7	594.6	530.8	479.3	443.9	415.7	390.8	369.6	356.8
100°	812.9	730.4	652.1	583.8	524.6	477.1	442.2	412.7	385.7	363.2	348.0
102.5°	795.3	709.3	632.1	570.4	515.7	472.7	438.4	407.5	378.8	355.1	338.0
105°	771.4	690.1	617.0	556.4	504.0	465.9	432.3	399.9	369.7	345.3	326.6
107.5°	741.2	665.4	598.4	540.8	493.0	455.0	421.1	389.7	357.8	333.3	313.5
110°	707.4	636.7	575.5	520.8	478.4	440.8	406.2	373.1	342.8	318.2	298.6





TEST NUMBER: P231945

CATALOG NUMBER: FVS4WM-4-LD4-35-1LO-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°	668.1	604.1	548.3	500.5	460.2	422.8	388.5	354.9	325.8	301.8	284.5
115°	627.1	569.2	519.0	477.7	438.5	402.2	367.8	334.1	306.3	283.8	268.6
117.5°	589.0	534.5	491.0	451.0	412.9	378.6	343.7	312.4	286.0	264.7	250.8
120°	547.9	502.7	460.7	420.1	385.5	350.9	316.9	287.9	264.4	246.0	231.8
122.5°	507.4	466.4	427.3	391.2	355.8	319.2	289.2	263.2	241.4	224.8	211.6
125°	464.2	427.4	393.0	359.0	324.1	291.9	262.0	237.1	218.3	202.9	191.0
127.5°	419.7	387.7	355.7	323.3	293.2	265.6	240.0	217.4	197.6	180.3	171.2
130°	374.6	345.7	316.1	289.3	263.9	239.9	218.0	198.0	181.5	167.5	157.5
132.5°	328.7	303.3	279.9	256.6	235.5	215.2	196.3	180.4	166.0	156.4	149.0
135°	285.8	265.1	245.8	226.7	208.7	191.2	176.7	162.9	153.8	145.9	140.8
137.5°	246.7	230.4	213.9	198.3	183.6	170.3	158.1	149.6	141.9	137.0	133.3
140°	212.8	197.7	183.9	172.2	161.1	151.4	143.6	136.9	132.2	128.5	126.0
142.5°	182.5	170.6	159.0	150.1	142.7	135.7	130.6	126.3	123.1	120.6	119.2
145°	157.9	148.4	140.8	132.9	126.9	123.1	119.1	116.9	114.6	113.5	112.8
147.5°	138.3	131.6	126.1	121.1	116.1	112.1	109.8	108.0	107.4	106.8	106.6
150°	123.0	118.8	114.8	111.3	108.1	104.8	102.9	101.3	100.5	100.5	100.3
152.5°	110.9	108.2	105.4	102.9	101.0	99.2	97.8	96.4	95.4	94.4	93.2
155°	100.7	99.0	97.3	95.6	94.2	92.9	91.7	90.5	89.3	88.1	87.1
157.5°	91.3	90.1	88.9	87.8	86.6	85.5	84.4	83.2	82.1	79.9	77.5
160°	81.4	80.6	79.7	78.9	78.0	77.0	75.7	74.1	72.4	70.5	68.3
162.5°	70.9	70.4	69.8	69.0	68.0	67.0	65.7	64.4	62.9	61.2	59.4
165°	60.3	59.9	59.3	58.8	58.1	57.3	56.4	55.3	54.0	52.5	50.8
167.5°	50.9	50.6	50.3	49.8	49.2	48.3	47.3	46.2	45.0	43.7	42.3
170°	41.6	41.3	40.8	40.3	39.6	38.9	38.1	37.2	36.2	35.1	34.0
172.5°	31.8	31.5	31.1	30.6	30.1	29.6	28.9	28.2	27.5	26.6	25.6
175°	21.5	21.2	20.9	20.5	20.1	19.6	19.1	18.6	18.0	17.4	16.7
177.5°	10.2	10.1	10.0	9.9	9.7	9.6	9.4	9.2	8.9	8.7	8.5
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: P231945

CATALOG NUMBER: FVS4WM-4-LD4-35-1LO-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°	8.2	7.9	7.6	7.3	7.0	6.7	6.4	6.0	5.6	5.3	4.9
5°	16.0	15.3	14.6	14.0	13.3	12.7	12.0	11.3	10.6	9.9	9.1
7.5°	24.6	23.6	22.5	21.3	20.1	18.9	17.6	16.6	15.5	14.4	13.3
10°	32.8	31.5	30.3	28.7	27.1	25.5	23.8	22.1	20.4	18.9	17.5
12.5°	40.8	39.2	37.5	35.7	33.9	31.9	29.9	27.8	25.7	23.5	21.6
15°	49.0	47.1	45.3	42.9	40.6	38.2	35.8	33.3	30.8	28.3	25.7
17.5°	57.7	55.1	52.7	50.1	47.5	44.7	41.8	38.8	35.8	32.9	30.0
20°	65.9	63.4	60.6	57.6	54.5	51.3	47.9	44.4	40.8	37.5	34.2
22.5°	75.0	72.0	68.8	65.3	61.7	58.0	54.1	50.1	46.0	41.9	38.3
25°	83.9	80.9	77.5	73.4	69.7	65.9	62.1	58.2	54.1	50.0	46.3
27.5°	92.4	90.3	87.3	84.0	80.0	76.0	71.8	67.5	63.2	58.9	54.7
30°	99.7	98.9	96.9	93.6	90.0	85.7	81.4	76.8	72.3	67.6	63.0
32.5°	106.4	105.9	105.0	102.7	99.1	95.1	90.6	85.9	80.9	76.0	71.3
35°	112.5	112.3	111.7	110.8	107.8	104.0	99.5	95.1	89.5	84.3	79.4
37.5°	118.5	118.2	118.0	117.3	116.5	112.3	108.1	103.3	98.1	92.4	87.4
40°	124.6	123.9	123.7	123.5	122.7	120.2	116.2	111.5	106.5	100.5	95.3
42.5°	130.8	129.8	129.2	129.2	128.8	128.0	123.9	119.5	114.7	108.6	103.0
45°	137.6	135.4	134.8	134.6	134.7	134.0	131.3	127.1	122.4	116.5	110.5
47.5°	143.9	141.7	140.3	139.9	140.1	140.9	141.9	140.0	137.4	133.1	126.5
50°	151.5	148.2	149.3	151.9	155.0	158.1	160.4	159.3	157.2	153.3	144.9
52.5°	165.8	164.1	165.2	167.6	171.0	174.9	177.9	178.3	176.7	173.9	163.8
55°	183.7	180.7	180.6	182.9	186.8	191.1	195.0	196.9	196.0	194.0	183.0
57.5°	202.2	196.8	195.7	198.1	202.3	207.1	211.8	215.3	215.0	213.5	202.5
60°	220.1	213.2	211.5	213.2	217.4	222.9	228.4	233.2	233.7	232.8	222.2
62.5°	238.8	230.6	227.1	228.0	232.2	238.4	244.7	250.3	252.2	251.9	242.1
65°	256.9	247.5	242.4	242.5	246.8	253.7	260.7	267.2	270.4	271.0	262.2
67.5°	274.0	263.9	257.3	257.3	261.7	268.9	276.7	284.0	288.6	289.8	282.4
70°	290.0	280.3	273.5	272.0	275.1	281.2	287.8	294.0	297.7	296.0	285.9
72.5°	303.1	293.2	285.0	282.1	284.3	289.2	294.7	300.0	303.8	299.7	287.0
75°	314.5	304.4	295.6	292.0	293.6	297.6	302.0	306.1	310.2	303.9	288.0
77.5°	325.8	315.4	305.7	301.8	303.2	306.3	309.6	312.3	316.8	308.5	289.0
80°	336.9	326.1	315.6	311.5	312.9	315.3	317.5	318.5	323.6	313.4	289.7
82.5°	347.8	336.5	325.2	321.1	322.8	324.5	325.6	324.8	330.5	318.5	291.5
85°	358.5	346.6	334.6	330.6	332.7	333.9	333.9	331.1	337.7	324.2	291.3
87.5°	369.1	356.6	343.8	340.2	342.7	343.3	342.2	337.7	344.4	328.6	291.1
90°	378.9	365.8	352.8	349.8	352.8	352.8	350.4	344.4	351.0	333.1	290.9
92.5°	369.1	356.6	343.8	340.2	342.7	343.3	342.2	337.7	344.4	328.6	291.1
95°	358.5	346.6	334.6	330.6	332.7	333.9	333.9	331.1	337.7	324.2	291.3
97.5°	347.8	336.5	325.2	321.1	322.8	324.5	325.6	324.8	330.5	318.5	291.5
100°	336.9	326.1	315.6	311.5	312.9	315.3	317.5	318.5	323.6	313.4	289.7
102.5°	325.8	315.4	305.7	301.8	303.2	306.3	309.6	312.3	316.8	308.5	289.0
105°	314.5	304.4	295.6	292.0	293.6	297.6	302.0	306.1	310.2	303.9	288.0
107.5°	303.1	293.2	285.0	282.1	284.3	289.2	294.7	300.0	303.8	299.7	287.0
110°	290.0	280.3	273.5	272.0	275.1	281.2	287.8	294.0	297.7	296.0	285.9



TEST NUMBER: P231945

CATALOG NUMBER: FVS4WM-4-LD4-35-1LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	274.0	263.9	257.4	257.3	261.7	268.9	276.7	284.0	288.6	289.8	282.4
115°	256.9	247.5	242.4	242.5	246.8	253.7	260.7	267.2	270.4	271.0	262.2
117.5°	238.8	230.6	227.1	228.0	232.2	238.4	244.7	250.3	252.2	251.9	242.1
120°	220.1	213.2	211.5	213.2	217.4	222.9	228.4	233.2	233.7	232.8	222.2
122.5°	202.2	196.8	195.7	198.1	202.3	207.1	211.8	215.3	215.0	213.5	202.5
125°	183.7	180.7	180.6	182.9	186.8	191.1	195.0	196.9	196.0	194.0	183.0
127.5°	165.8	164.1	165.2	167.6	171.0	174.9	177.9	178.3	176.7	173.9	163.8
130°	151.5	148.2	149.3	151.9	155.0	158.1	160.4	159.3	157.2	153.3	144.9
132.5°	143.9	141.7	140.3	139.9	140.1	140.9	141.9	140.0	137.4	133.1	126.5
135°	137.6	135.4	134.8	134.6	134.7	134.0	131.3	127.1	122.4	116.5	110.5
137.5°	130.8	129.8	129.2	129.2	128.8	128.0	123.9	119.5	114.7	108.6	103.0
140°	124.6	123.9	123.7	123.5	122.7	120.2	116.2	111.5	106.5	100.5	95.3
142.5°	118.5	118.2	118.0	117.3	116.5	112.3	108.1	103.3	98.1	92.4	87.4
145°	112.5	112.3	111.7	110.8	107.8	104.0	99.5	95.1	89.5	84.3	79.4
147.5°	106.4	105.9	105.0	102.7	99.1	95.1	90.6	85.9	80.9	76.0	71.3
150°	99.7	98.9	96.9	93.6	90.0	85.7	81.4	76.8	72.3	67.6	63.0
152.5°	92.4	90.3	87.3	84.0	80.0	76.0	71.8	67.5	63.2	58.9	54.7
155°	83.9	80.9	77.5	73.4	69.7	65.9	62.1	58.2	54.1	50.0	46.3
157.5°	75.0	72.0	68.8	65.3	61.7	58.0	54.1	50.1	46.0	41.9	38.3
160°	65.9	63.4	60.6	57.6	54.5	51.3	47.9	44.4	40.8	37.5	34.2
162.5°	57.7	55.1	52.7	50.1	47.5	44.7	41.8	38.8	35.8	32.9	30.0
165°	49.0	47.1	45.3	42.9	40.6	38.2	35.8	33.3	30.8	28.3	25.7
167.5°	40.8	39.2	37.5	35.7	33.9	31.9	29.9	27.8	25.7	23.5	21.6
170°	32.8	31.5	30.3	28.7	27.1	25.5	23.8	22.1	20.4	18.9	17.5
172.5°	24.6	23.6	22.5	21.3	20.1	18.9	17.6	16.6	15.5	14.4	13.3
175°	16.0	15.3	14.6	14.0	13.3	12.7	12.0	11.3	10.6	9.9	9.1
177.5°	8.2	7.9	7.6	7.3	7.0	6.7	6.4	6.0	5.6	5.3	4.9
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: P231945

CATALOG NUMBER: FVS4WM-4-LD4-35-1LO-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°	4.5	4.1	3.7	3.3	3.3	3.3	3.3	3.2	3.2	3.2	3.1
5°	8.4	7.6	6.8	6.0	6.0	5.9	5.9	5.8	5.7	5.6	5.5
7.5°	12.2	11.1	9.9	8.7	8.6	8.5	8.4	8.3	8.2	8.0	7.8
10°	16.0	14.5	13.0	11.4	11.3	11.1	10.9	10.7	10.5	10.3	10.1
12.5°	19.8	17.9	16.1	14.2	13.9	13.7	13.4	13.1	12.8	12.6	12.4
15°	23.5	21.3	19.1	16.9	16.5	16.2	15.8	15.4	15.2	15.0	14.7
17.5°	27.1	24.7	22.1	19.6	19.1	18.7	18.2	17.8	17.6	17.3	16.9
20°	30.8	28.0	25.2	22.3	21.7	21.1	20.5	20.2	19.9	19.5	19.1
22.5°	34.6	31.3	28.2	25.0	24.3	23.5	22.9	22.6	22.2	21.8	21.3
25°	42.6	39.1	36.1	32.9	32.2	31.4	30.7	30.1	29.3	28.1	26.9
27.5°	50.8	47.0	44.0	40.9	40.3	39.5	39.0	38.4	37.4	36.0	34.4
30°	58.9	54.8	51.9	48.8	48.3	47.7	47.4	46.9	45.4	43.8	41.6
32.5°	66.9	62.7	59.7	56.7	56.4	56.0	55.8	55.1	53.4	51.2	48.4
35°	74.8	70.5	67.4	64.7	64.5	64.3	64.2	63.2	61.2	58.2	54.8
37.5°	82.6	78.3	75.1	72.6	72.6	72.7	72.8	71.2	69.0	64.9	60.6
40°	90.3	86.0	82.8	80.5	80.8	81.0	81.3	79.2	76.0	71.3	66.1
42.5°	97.9	93.6	90.4	88.5	89.0	89.5	89.9	87.1	82.9	77.7	71.1
45°	105.5	101.1	97.9	96.4	97.2	97.9	98.1	95.0	89.6	83.1	75.8
47.5°	119.7	112.9	107.2	103.3	102.3	101.7	100.5	97.2	91.6	85.2	78.4
50°	135.1	125.3	116.6	110.1	107.3	105.0	102.2	97.9	91.8	85.3	79.0
52.5°	151.1	137.9	126.2	117.0	112.1	108.0	103.7	98.4	92.1	85.8	80.1
55°	167.6	151.0	135.9	123.9	116.8	110.9	105.1	99.0	92.6	86.5	81.6
57.5°	184.5	164.2	145.7	130.7	121.4	113.6	106.4	99.6	93.2	87.5	83.6
60°	201.9	177.8	155.7	137.6	125.9	116.1	107.7	100.3	94.1	89.1	86.0
62.5°	219.7	191.5	165.8	144.5	130.3	118.4	108.8	101.1	95.1	91.1	89.1
65°	237.7	205.4	176.0	151.3	134.7	120.6	109.9	101.9	96.3	93.2	92.6
67.5°	256.0	219.5	186.2	158.2	138.9	122.7	110.9	102.7	97.6	95.7	96.3
70°	257.8	220.1	185.9	157.5	137.9	121.8	110.2	102.2	97.4	96.1	97.6
72.5°	258.2	220.1	185.5	156.8	136.9	120.8	109.4	101.5	96.9	95.6	97.1
75°	258.3	220.0	186.0	156.0	135.9	119.9	108.7	100.8	96.4	95.1	96.6
77.5°	258.2	219.8	185.1	155.3	135.0	119.1	108.0	100.2	95.9	94.5	96.0
80°	257.8	220.5	184.3	154.6	134.1	118.4	107.5	99.7	95.4	93.9	95.3
82.5°	258.2	219.5	183.4	153.9	133.2	117.7	107.0	99.2	95.0	93.3	94.6
85°	256.8	218.5	182.5	153.1	132.4	117.1	106.6	98.8	94.6	92.7	93.8
87.5°	255.4	217.5	181.7	152.4	131.6	116.5	106.2	98.5	94.3	92.2	93.0
90°	254.0	216.5	180.8	151.7	130.9	116.0	105.9	98.2	94.0	91.6	92.2
92.5°	255.4	217.5	181.7	152.4	131.6	116.5	106.2	98.5	94.3	92.2	93.0
95°	256.8	218.5	182.5	153.1	132.4	117.1	106.6	98.8	94.6	92.7	93.8
97.5°	258.2	219.5	183.4	153.9	133.2	117.7	107.0	99.2	95.0	93.3	94.6
100°	257.8	220.5	184.3	154.6	134.1	118.4	107.5	99.7	95.4	93.9	95.3
102.5°	258.2	219.8	185.1	155.3	135.0	119.1	108.0	100.2	95.9	94.5	96.0
105°	258.3	220.0	186.0	156.0	135.9	119.9	108.7	100.8	96.4	95.1	96.6
107.5°	258.2	220.1	185.5	156.8	136.9	120.8	109.4	101.5	96.9	95.6	97.1
110°	257.8	220.1	185.9	157.5	137.9	121.8	110.2	102.2	97.4	96.1	97.6



TEST NUMBER: P231945

CATALOG NUMBER: FVS4WM-4-LD4-35-1LO-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°	256.0	219.5	186.2	158.2	138.9	122.7	110.9	102.7	97.6	95.7	96.3
115°	237.7	205.4	176.0	151.3	134.7	120.6	109.9	101.9	96.3	93.2	92.6
117.5°	219.7	191.5	165.8	144.5	130.3	118.4	108.8	101.1	95.1	91.1	89.1
120°	201.9	177.8	155.7	137.6	125.9	116.1	107.7	100.3	94.1	89.1	86.0
122.5°	184.5	164.2	145.7	130.7	121.4	113.6	106.4	99.6	93.2	87.5	83.6
125°	167.6	151.0	135.9	123.9	116.8	110.9	105.1	99.0	92.6	86.5	81.6
127.5°	151.1	137.9	126.2	117.0	112.1	108.0	103.7	98.4	92.1	85.8	80.1
130°	135.1	125.3	116.6	110.1	107.3	105.0	102.2	97.9	91.8	85.3	79.0
132.5°	119.7	112.9	107.2	103.3	102.3	101.7	100.5	97.2	91.6	85.2	78.4
135°	105.5	101.1	97.9	96.4	97.2	97.9	98.1	95.0	89.6	83.1	75.8
137.5°	97.9	93.6	90.4	88.5	89.0	89.5	89.9	87.1	82.9	77.7	71.1
140°	90.3	86.0	82.8	80.5	80.8	81.0	81.3	79.2	76.0	71.3	66.1
142.5°	82.6	78.3	75.1	72.6	72.6	72.7	72.8	71.2	69.0	64.9	60.6
145°	74.8	70.5	67.4	64.7	64.5	64.3	64.2	63.2	61.2	58.2	54.8
147.5°	66.9	62.7	59.7	56.7	56.4	56.0	55.8	55.1	53.4	51.2	48.4
150°	58.9	54.8	51.9	48.8	48.3	47.7	47.4	46.9	45.4	43.8	41.6
152.5°	50.8	47.0	44.0	40.9	40.3	39.5	39.0	38.4	37.4	36.0	34.4
155°	42.6	39.1	36.1	32.9	32.2	31.4	30.7	30.1	29.3	28.1	26.9
157.5°	34.6	31.3	28.2	25.0	24.3	23.5	22.9	22.6	22.2	21.8	21.3
160°	30.8	28.0	25.2	22.3	21.7	21.1	20.5	20.2	19.9	19.5	19.1
162.5°	27.1	24.7	22.1	19.6	19.1	18.7	18.2	17.8	17.6	17.3	16.9
165°	23.5	21.3	19.1	16.9	16.5	16.2	15.8	15.4	15.2	15.0	14.7
167.5°	19.8	17.9	16.1	14.2	13.9	13.7	13.4	13.1	12.8	12.6	12.4
170°	16.0	14.5	13.0	11.4	11.3	11.1	10.9	10.7	10.5	10.3	10.1
172.5°	12.2	11.1	9.9	8.7	8.6	8.5	8.4	8.3	8.2	8.0	7.8
175°	8.4	7.6	6.8	6.0	6.0	5.9	5.9	5.8	5.7	5.6	5.5
177.5°	4.5	4.1	3.7	3.3	3.3	3.3	3.3	3.2	3.2	3.2	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: P231945

CATALOG NUMBER: FVS4WM-4-LD4-35-1LO-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°	3.1	3.0	3.0	2.9	2.9	2.8	2.7	2.7	2.6	2.5	2.4
5°	5.4	5.3	5.2	5.1	5.0	4.8	4.7	4.6	4.4	4.3	4.1
7.5°	7.7	7.5	7.4	7.2	7.0	6.9	6.7	6.5	6.2	6.0	5.8
10°	10.0	9.8	9.6	9.3	9.1	8.8	8.6	8.3	8.0	7.7	7.4
12.5°	12.2	11.9	11.7	11.4	11.1	10.8	10.4	10.1	9.7	9.3	8.9
15°	14.4	14.1	13.8	13.4	13.0	12.6	12.2	11.8	11.4	10.9	10.5
17.5°	16.6	16.2	15.8	15.4	14.9	14.5	14.0	13.5	13.0	12.5	11.9
20°	18.7	18.3	17.8	17.3	16.8	16.3	15.7	15.1	14.6	13.9	13.3
22.5°	20.8	20.3	19.8	19.2	18.6	18.0	17.4	16.7	16.1	15.4	14.7
25°	25.5	24.0	22.5	21.1	20.4	19.7	19.0	18.3	17.6	16.8	16.0
27.5°	32.6	30.7	28.7	26.8	24.9	23.1	21.4	19.8	19.0	18.2	17.3
30°	39.3	36.7	34.2	31.9	29.6	27.4	25.4	23.5	21.7	20.0	18.6
32.5°	45.4	42.2	39.2	36.3	33.6	31.1	28.8	26.7	24.7	22.8	21.0
35°	50.9	47.1	43.6	40.2	37.1	34.3	31.8	29.4	27.2	25.1	23.1
37.5°	56.0	51.6	47.4	43.7	40.2	37.2	34.4	31.8	29.3	27.1	25.1
40°	60.7	55.7	51.0	46.7	43.1	39.7	36.7	33.8	31.1	28.9	26.9
42.5°	65.0	59.2	54.1	49.6	45.6	42.0	38.6	35.5	32.8	30.6	28.3
45°	69.0	62.7	56.9	52.2	47.9	43.9	40.3	37.1	34.5	31.9	29.4
47.5°	71.8	65.7	59.8	54.6	50.0	45.7	41.8	38.7	35.8	33.0	30.3
50°	73.0	67.6	62.8	57.8	52.8	47.5	43.5	40.1	36.9	33.8	30.9
52.5°	75.0	70.4	66.5	62.1	57.2	52.1	47.2	42.4	37.7	34.3	31.1
55°	77.6	74.1	70.8	66.9	62.1	56.9	51.6	46.5	41.3	36.2	31.5
57.5°	80.7	78.4	75.7	72.1	67.2	61.5	56.0	50.4	44.7	39.2	34.4
60°	84.4	83.2	81.0	77.3	72.2	66.1	60.2	54.1	47.8	42.1	37.0
62.5°	88.6	88.4	86.8	82.9	77.1	70.7	64.2	57.6	50.7	44.9	39.4
65°	93.3	94.0	92.9	88.6	82.0	75.2	68.2	60.8	53.6	47.5	41.5
67.5°	98.3	99.7	98.6	94.2	87.0	79.7	72.0	63.9	56.6	50.0	43.7
70°	100.7	103.2	103.0	99.1	91.8	84.1	75.9	66.9	59.5	52.4	45.8
72.5°	100.3	102.8	102.7	99.0	93.0	86.1	78.1	69.5	62.3	54.7	47.8
75°	99.8	102.5	102.6	99.5	94.1	87.3	79.1	70.6	62.9	55.6	49.0
77.5°	99.3	102.3	102.8	100.3	95.6	88.8	80.4	71.7	63.6	56.2	49.5
80°	98.7	102.1	103.1	101.5	97.4	90.6	81.9	72.8	64.5	57.0	50.3
82.5°	98.1	101.9	103.6	103.0	99.4	92.6	83.8	74.2	65.7	57.9	51.3
85°	97.4	101.7	104.2	104.7	101.6	94.8	85.9	75.7	67.1	59.2	52.5
87.5°	96.6	101.4	104.8	106.5	104.0	97.3	88.3	77.6	68.8	60.7	54.1
90°	95.8	101.1	105.3	108.3	106.5	99.9	91.0	79.7	70.8	62.5	55.9
92.5°	96.6	101.4	104.8	106.5	104.0	97.3	88.3	77.6	68.8	60.7	54.1
95°	97.4	101.7	104.2	104.7	101.6	94.8	85.9	75.7	67.1	59.2	52.5
97.5°	98.1	101.9	103.6	103.0	99.4	92.6	83.8	74.2	65.7	57.9	51.3
100°	98.7	102.1	103.1	101.5	97.4	90.6	81.9	72.8	64.5	57.0	50.3
102.5°	99.3	102.3	102.8	100.3	95.6	88.8	80.4	71.7	63.6	56.2	49.5
105°	99.8	102.5	102.6	99.5	94.1	87.3	79.1	70.6	62.9	55.6	49.0
107.5°	100.3	102.8	102.7	99.0	93.0	86.1	78.1	69.5	62.3	54.7	47.8
110°	100.7	103.2	103.0	99.1	91.8	84.1	75.9	66.9	59.5	52.4	45.8



TEST NUMBER: P231945

CATALOG NUMBER: FVS4WM-4-LD4-35-1LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	98.3	99.7	98.6	94.2	87.0	79.7	72.0	63.9	56.6	50.0	43.7
115°	93.3	94.0	92.9	88.6	82.0	75.2	68.2	60.8	53.6	47.5	41.5
117.5°	88.6	88.4	86.8	82.9	77.1	70.7	64.2	57.6	50.7	44.9	39.4
120°	84.4	83.2	81.0	77.3	72.2	66.1	60.2	54.1	47.8	42.1	37.0
122.5°	80.7	78.4	75.7	72.1	67.2	61.5	56.0	50.4	44.7	39.2	34.4
125°	77.6	74.1	70.8	66.9	62.1	56.9	51.6	46.5	41.3	36.2	31.5
127.5°	75.0	70.4	66.5	62.1	57.2	52.1	47.2	42.4	37.7	34.3	31.1
130°	73.0	67.6	62.8	57.8	52.8	47.5	43.5	40.1	36.9	33.8	30.9
132.5°	71.8	65.7	59.8	54.6	50.0	45.7	41.8	38.7	35.8	33.0	30.3
135°	69.0	62.7	56.9	52.2	47.9	43.9	40.3	37.1	34.5	31.9	29.4
137.5°	65.0	59.2	54.1	49.6	45.6	42.0	38.6	35.5	32.8	30.6	28.3
140°	60.7	55.7	51.0	46.7	43.1	39.7	36.7	33.8	31.1	28.9	26.9
142.5°	56.0	51.6	47.4	43.7	40.2	37.2	34.4	31.8	29.3	27.1	25.1
145°	50.9	47.1	43.6	40.2	37.1	34.3	31.8	29.4	27.2	25.1	23.1
147.5°	45.4	42.2	39.2	36.3	33.6	31.1	28.8	26.7	24.7	22.8	21.0
150°	39.3	36.7	34.2	31.9	29.6	27.4	25.4	23.5	21.7	20.0	18.6
152.5°	32.6	30.7	28.7	26.8	24.9	23.1	21.4	19.8	19.0	18.2	17.3
155°	25.5	24.0	22.5	21.1	20.4	19.7	19.0	18.3	17.6	16.8	16.0
157.5°	20.8	20.3	19.8	19.2	18.6	18.0	17.4	16.7	16.1	15.4	14.7
160°	18.7	18.3	17.8	17.3	16.8	16.3	15.7	15.1	14.6	13.9	13.3
162.5°	16.6	16.2	15.8	15.4	14.9	14.5	14.0	13.5	13.0	12.5	11.9
165°	14.4	14.1	13.8	13.4	13.0	12.6	12.2	11.8	11.4	10.9	10.5
167.5°	12.2	11.9	11.7	11.4	11.1	10.8	10.4	10.1	9.7	9.3	8.9
170°	10.0	9.8	9.6	9.3	9.1	8.8	8.6	8.3	8.0	7.7	7.4
172.5°	7.7	7.5	7.4	7.2	7.0	6.9	6.7	6.5	6.2	6.0	5.8
175°	5.4	5.3	5.2	5.1	5.0	4.8	4.7	4.6	4.4	4.3	4.1
177.5°	3.1	3.0	3.0	2.9	2.9	2.8	2.7	2.7	2.6	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: P231945

CATALOG NUMBER: FVS4WM-4-LD4-35-1LO-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	2.2	2.1	2.0	1.9	1.8	1.7	1.6	1.5	1.4
5°	4.0	3.8	3.6	3.4	3.3	3.1	2.9	2.7	2.5	2.3	2.1
7.5°	5.5	5.3	5.0	4.8	4.5	4.2	3.9	3.7	3.4	3.1	2.8
10°	7.1	6.7	6.4	6.1	5.7	5.3	5.0	4.6	4.2	3.8	3.4
12.5°	8.5	8.1	7.7	7.3	6.8	6.4	5.9	5.5	5.0	4.5	4.0
15°	10.0	9.5	9.0	8.5	7.9	7.4	6.9	6.3	5.8	5.2	4.6
17.5°	11.4	10.8	10.2	9.6	9.0	8.4	7.8	7.1	6.5	5.9	5.2
20°	12.7	12.0	11.4	10.7	10.0	9.3	8.6	7.9	7.2	6.5	5.8
22.5°	14.0	13.3	12.5	11.8	11.0	10.2	9.5	8.7	7.9	7.1	6.3
25°	15.2	14.4	13.6	12.8	12.0	11.1	10.3	9.4	8.6	7.7	6.8
27.5°	16.5	15.6	14.7	13.8	12.9	12.0	11.1	10.1	9.2	8.3	7.4
30°	17.7	16.7	15.7	14.8	13.8	12.9	12.0	11.1	10.1	9.1	8.0
32.5°	19.3	17.8	16.8	15.9	15.0	14.1	13.0	11.9	10.8	9.7	8.6
35°	21.3	19.8	18.5	17.2	16.1	15.0	13.9	12.8	11.7	10.6	9.3
37.5°	23.4	21.8	20.1	18.5	17.2	16.2	15.0	13.7	12.4	11.1	9.8
40°	25.0	23.1	21.4	20.0	18.6	17.2	15.8	14.4	13.1	11.7	10.3
42.5°	26.2	24.3	22.6	20.9	19.3	17.8	16.5	15.1	13.7	12.2	10.8
45°	27.2	25.2	23.1	21.3	19.7	18.3	16.9	15.7	14.1	12.4	10.8
47.5°	27.9	25.5	23.4	21.6	19.9	18.4	16.9	15.5	14.2	12.5	10.8
50°	28.1	25.7	23.6	21.7	19.9	18.2	16.6	15.1	13.7	12.4	10.7
52.5°	28.3	25.9	23.6	21.5	19.6	17.8	16.0	14.6	13.2	12.2	11.0
55°	28.4	25.7	23.3	21.3	19.1	17.1	15.6	14.2	13.1	12.0	10.8
57.5°	29.9	25.7	23.2	20.7	18.4	16.8	15.3	14.0	12.7	11.4	10.2
60°	32.1	27.9	23.8	20.0	18.2	16.6	15.1	13.5	12.1	10.9	9.8
62.5°	34.3	29.7	25.2	21.6	18.5	16.3	14.6	13.2	11.8	10.9	9.8
65°	36.3	31.3	26.8	23.1	19.8	16.8	14.4	13.0	12.1	10.8	9.4
67.5°	38.1	32.8	28.3	24.4	21.0	17.9	15.3	13.5	12.1	10.6	8.9
70°	39.8	34.4	29.7	25.6	22.1	18.9	16.4	14.2	12.1	10.1	8.3
72.5°	41.5	36.0	31.1	27.0	23.2	19.8	17.0	14.2	11.8	9.6	7.9
75°	43.0	37.6	32.4	28.3	24.1	20.6	17.1	14.0	11.3	9.1	7.4
77.5°	43.5	38.0	33.3	29.2	25.0	21.1	17.0	13.7	10.9	8.4	6.4
80°	44.2	38.6	33.9	29.5	25.1	21.0	16.9	13.4	10.4	7.3	5.1
82.5°	45.1	39.5	34.7	29.9	25.4	20.9	16.9	13.4	9.9	6.5	3.9
85°	46.3	40.5	35.6	30.6	25.8	21.2	17.1	13.6	9.8	6.4	3.6
87.5°	47.7	41.8	36.7	31.5	26.5	21.7	17.6	14.1	10.0	6.6	3.7
90°	49.4	43.4	38.1	32.7	27.4	22.6	18.4	14.9	10.7	7.1	4.2
92.5°	47.7	41.8	36.7	31.5	26.5	21.7	17.6	14.1	10.0	6.6	3.7
95°	46.3	40.5	35.6	30.6	25.8	21.2	17.1	13.6	9.8	6.4	3.6
97.5°	45.1	39.5	34.7	29.9	25.4	20.9	16.9	13.4	9.9	6.5	3.9
100°	44.2	38.6	33.9	29.5	25.1	21.0	16.9	13.4	10.4	7.3	5.1
102.5°	43.5	38.0	33.3	29.2	25.0	21.1	17.0	13.7	10.9	8.4	6.4
105°	43.0	37.6	32.4	28.3	24.1	20.6	17.1	14.0	11.3	9.1	7.4
107.5°	41.5	36.0	31.1	27.0	23.2	19.8	17.0	14.2	11.8	9.6	7.9
110°	39.8	34.4	29.7	25.6	22.1	18.9	16.4	14.2	12.1	10.1	8.3





TEST NUMBER: P231945

CATALOG NUMBER: FVS4WM-4-LD4-35-1LO-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°	38.1	32.8	28.3	24.4	21.0	17.9	15.3	13.5	12.1	10.6	8.9
115°	36.3	31.3	26.8	23.1	19.8	16.8	14.4	13.0	12.1	10.8	9.4
117.5°	34.3	29.7	25.2	21.6	18.5	16.3	14.6	13.2	11.8	10.9	9.8
120°	32.1	27.9	23.8	20.0	18.2	16.6	15.1	13.5	12.1	10.9	9.8
122.5°	29.9	25.7	23.2	20.7	18.4	16.8	15.3	14.0	12.7	11.4	10.2
125°	28.4	25.7	23.3	21.3	19.1	17.1	15.6	14.2	13.1	12.0	10.8
127.5°	28.3	25.9	23.6	21.5	19.6	17.8	16.0	14.6	13.2	12.2	11.0
130°	28.1	25.7	23.6	21.7	19.9	18.2	16.6	15.1	13.7	12.4	10.7
132.5°	27.9	25.5	23.4	21.6	19.9	18.4	16.9	15.5	14.2	12.5	10.8
135°	27.2	25.2	23.1	21.3	19.7	18.3	16.9	15.7	14.1	12.4	10.8
137.5°	26.2	24.3	22.6	20.9	19.3	17.8	16.5	15.1	13.7	12.2	10.8
140°	25.0	23.1	21.4	20.0	18.6	17.2	15.8	14.4	13.1	11.7	10.3
142.5°	23.4	21.8	20.1	18.5	17.2	16.2	15.0	13.7	12.4	11.1	9.8
145°	21.3	19.8	18.5	17.2	16.1	15.0	13.9	12.8	11.7	10.6	9.3
147.5°	19.3	17.8	16.8	15.9	15.0	14.1	13.0	11.9	10.8	9.7	8.6
150°	17.7	16.7	15.7	14.8	13.8	12.9	12.0	11.1	10.1	9.1	8.0
152.5°	16.5	15.6	14.7	13.8	12.9	12.0	11.1	10.1	9.2	8.3	7.4
155°	15.2	14.4	13.6	12.8	12.0	11.1	10.3	9.4	8.6	7.7	6.8
157.5°	14.0	13.3	12.5	11.8	11.0	10.2	9.5	8.7	7.9	7.1	6.3
160°	12.7	12.0	11.4	10.7	10.0	9.3	8.6	7.9	7.2	6.5	5.8
162.5°	11.4	10.8	10.2	9.6	9.0	8.4	7.8	7.1	6.5	5.9	5.2
165°	10.0	9.5	9.0	8.5	7.9	7.4	6.9	6.3	5.8	5.2	4.6
167.5°	8.5	8.1	7.7	7.3	6.8	6.4	5.9	5.5	5.0	4.5	4.0
170°	7.1	6.7	6.4	6.1	5.7	5.3	5.0	4.6	4.2	3.8	3.4
172.5°	5.5	5.3	5.0	4.8	4.5	4.2	3.9	3.7	3.4	3.1	2.8
175°	4.0	3.8	3.6	3.4	3.3	3.1	2.9	2.7	2.5	2.3	2.1
177.5°	2.3	2.2	2.2	2.1	2.0	1.9	1.8	1.7	1.6	1.5	1.4
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231945

CATALOG NUMBER: FVS4WM-4-LD4-35-1LO-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°	1.3	1.1	1.0	0.9	0.8	0.7	0.6	0.7	0.8	0.9	1.0
5°	1.9	1.7	1.5	1.2	1.0	0.8	0.6	0.8	1.0	1.2	1.5
7.5°	2.5	2.2	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°	3.6	3.1	2.6	2.1	1.6	1.1	0.6	1.1	1.6	2.1	2.6
15°	4.1	3.5	2.9	2.3	1.8	1.2	0.6	1.2	1.8	2.3	2.9
17.5°	4.6	3.9	3.3	2.6	1.9	1.3	0.6	1.3	1.9	2.6	3.3
20°	5.0	4.3	3.6	2.8	2.1	1.3	0.6	1.3	2.1	2.8	3.6
22.5°	5.5	4.7	3.9	3.1	2.2	1.4	0.6	1.4	2.2	3.1	3.9
25°	5.9	5.0	4.2	3.3	2.4	1.5	0.6	1.5	2.4	3.3	4.2
27.5°	6.5	5.5	4.5	3.6	2.6	1.6	0.6	1.6	2.6	3.6	4.5
30°	7.0	5.9	4.9	3.8	2.7	1.7	0.6	1.7	2.7	3.8	4.9
32.5°	7.5	6.4	5.3	4.1	3.0	1.8	0.6	1.8	3.0	4.1	5.3
35°	8.1	6.9	5.6	4.4	3.1	1.9	0.6	1.9	3.1	4.4	5.6
37.5°	8.5	7.2	5.9	4.6	3.2	1.9	0.6	1.9	3.2	4.6	5.9
40°	8.9	7.5	6.2	4.8	3.4	2.0	0.6	2.0	3.4	4.8	6.2
42.5°	9.2	7.7	6.3	4.8	3.4	2.0	0.6	2.0	3.4	4.8	6.3
45°	9.3	7.7	6.3	4.8	3.4	2.0	0.6	2.0	3.4	4.8	6.3
47.5°	9.2	7.7	6.2	4.8	3.4	2.0	0.6	2.0	3.4	4.8	6.2
50°	9.2	7.7	6.3	4.9	3.4	2.0	0.6	2.0	3.4	4.9	6.3
52.5°	9.5	7.8	6.3	4.8	3.4	2.0	0.6	2.0	3.4	4.8	6.3
55°	9.3	7.6	6.1	4.7	3.3	1.9	0.6	1.9	3.3	4.7	6.1
57.5°	9.0	7.4	6.0	4.7	3.3	1.9	0.6	1.9	3.3	4.7	6.0
60°	8.8	7.5	6.0	4.5	3.1	1.9	0.6	1.9	3.1	4.5	6.0
62.5°	8.4	7.1	5.6	4.3	3.2	2.2	1.2	2.2	3.2	4.3	5.6
65°	7.9	6.5	5.2	4.0	3.0	2.1	1.2	2.1	3.0	4.0	5.2
67.5°	7.3	5.9	4.6	3.5	2.6	1.9	1.2	1.9	2.6	3.5	4.6
70°	6.7	5.3	4.0	3.1	2.4	1.8	1.2	1.8	2.4	3.1	4.0
72.5°	6.4	4.9	3.7	2.5	1.8	1.4	1.2	1.4	1.8	2.5	3.7
75°	6.0	4.4	2.9	2.0	1.7	1.4	1.2	1.4	1.7	2.0	2.9
77.5°	4.8	3.6	2.3	1.5	0.7	0.1	0.0	0.1	0.7	1.5	2.3
80°	3.4	2.3	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°	1.7	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°	1.7	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°	3.4	2.3	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2
102.5°	4.8	3.6	2.3	1.5	0.7	0.1	0.0	0.1	0.7	1.5	2.3
105°	6.0	4.4	2.9	2.0	1.7	1.4	1.2	1.4	1.7	2.0	2.9
107.5°	6.4	4.9	3.7	2.5	1.8	1.4	1.2	1.4	1.8	2.5	3.7
110°	6.7	5.3	4.0	3.1	2.4	1.8	1.2	1.8	2.4	3.1	4.0



TEST NUMBER: P231945

CATALOG NUMBER: FVS4WM-4-LD4-35-1LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	7.3	5.9	4.6	3.5	2.6	1.9	1.2	1.9	2.6	3.5	4.6
115°	7.9	6.5	5.2	4.0	3.0	2.1	1.2	2.1	3.0	4.0	5.2
117.5°	8.4	7.1	5.6	4.3	3.2	2.2	1.2	2.2	3.2	4.3	5.6
120°	8.8	7.5	6.0	4.5	3.1	1.9	0.6	1.9	3.1	4.5	6.0
122.5°	9.0	7.4	6.0	4.7	3.3	1.9	0.6	1.9	3.3	4.7	6.0
125°	9.3	7.6	6.1	4.7	3.3	1.9	0.6	1.9	3.3	4.7	6.1
127.5°	9.5	7.8	6.3	4.8	3.4	2.0	0.6	2.0	3.4	4.8	6.3
130°	9.2	7.7	6.3	4.9	3.4	2.0	0.6	2.0	3.4	4.9	6.3
132.5°	9.2	7.7	6.2	4.8	3.4	2.0	0.6	2.0	3.4	4.8	6.2
135°	9.3	7.7	6.3	4.8	3.4	2.0	0.6	2.0	3.4	4.8	6.3
137.5°	9.2	7.7	6.3	4.8	3.4	2.0	0.6	2.0	3.4	4.8	6.3
140°	8.9	7.5	6.2	4.8	3.4	2.0	0.6	2.0	3.4	4.8	6.2
142.5°	8.5	7.2	5.9	4.6	3.2	1.9	0.6	1.9	3.2	4.6	5.9
145°	8.1	6.9	5.6	4.4	3.1	1.9	0.6	1.9	3.1	4.4	5.6
147.5°	7.5	6.4	5.3	4.1	3.0	1.8	0.6	1.8	3.0	4.1	5.3
150°	7.0	5.9	4.9	3.8	2.7	1.7	0.6	1.7	2.7	3.8	4.9
152.5°	6.5	5.5	4.5	3.6	2.6	1.6	0.6	1.6	2.6	3.6	4.5
155°	5.9	5.0	4.2	3.3	2.4	1.5	0.6	1.5	2.4	3.3	4.2
157.5°	5.5	4.7	3.9	3.1	2.2	1.4	0.6	1.4	2.2	3.1	3.9
160°	5.0	4.3	3.6	2.8	2.1	1.3	0.6	1.3	2.1	2.8	3.6
162.5°	4.6	3.9	3.3	2.6	1.9	1.3	0.6	1.3	1.9	2.6	3.3
165°	4.1	3.5	2.9	2.3	1.8	1.2	0.6	1.2	1.8	2.3	2.9
167.5°	3.6	3.1	2.6	2.1	1.6	1.1	0.6	1.1	1.6	2.1	2.6
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°	2.5	2.2	1.8	1.5	1.2	0.9	0.6	0.9	1.2	1.5	1.8
175°	1.9	1.7	1.5	1.2	1.0	0.8	0.6	0.8	1.0	1.2	1.5
177.5°	1.3	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: P231945

CATALOG NUMBER: FVS4WM-4-LD4-35-1LO-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	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2
5°	1.7	1.9	2.1	2.3	2.5	2.7	2.9	3.1	3.3	3.4	3.6
7.5°	2.2	2.5	2.8	3.1	3.4	3.7	3.9	4.2	4.5	4.8	5.0
10°	2.6	3.0	3.4	3.8	4.2	4.6	5.0	5.3	5.7	6.1	6.4
12.5°	3.1	3.6	4.0	4.5	5.0	5.5	5.9	6.4	6.8	7.3	7.7
15°	3.5	4.1	4.6	5.2	5.8	6.3	6.9	7.4	7.9	8.5	9.0
17.5°	3.9	4.6	5.2	5.9	6.5	7.1	7.8	8.4	9.0	9.6	10.2
20°	4.3	5.0	5.8	6.5	7.2	7.9	8.6	9.3	10.0	10.7	11.4
22.5°	4.7	5.5	6.3	7.1	7.9	8.7	9.5	10.2	11.0	11.8	12.5
25°	5.0	5.9	6.8	7.7	8.6	9.4	10.3	11.1	12.0	12.8	13.6
27.5°	5.5	6.5	7.4	8.3	9.2	10.1	11.1	12.0	12.9	13.8	14.7
30°	5.9	7.0	8.0	9.1	10.1	11.1	12.0	12.9	13.8	14.8	15.7
32.5°	6.4	7.5	8.6	9.7	10.8	11.9	13.0	14.1	15.0	15.9	16.8
35°	6.9	8.1	9.3	10.6	11.7	12.8	13.9	15.0	16.1	17.2	18.5
37.5°	7.2	8.5	9.8	11.1	12.4	13.7	15.0	16.2	17.2	18.5	20.1
40°	7.5	8.9	10.3	11.7	13.1	14.4	15.8	17.2	18.6	20.0	21.4
42.5°	7.7	9.2	10.8	12.2	13.7	15.1	16.5	17.8	19.3	20.9	22.6
45°	7.7	9.3	10.8	12.4	14.1	15.7	16.9	18.3	19.7	21.3	23.1
47.5°	7.7	9.2	10.8	12.5	14.2	15.5	16.9	18.4	19.9	21.6	23.4
50°	7.7	9.2	10.7	12.4	13.7	15.1	16.6	18.2	19.9	21.7	23.6
52.5°	7.8	9.5	11.0	12.2	13.2	14.6	16.0	17.8	19.6	21.5	23.6
55°	7.6	9.3	10.8	12.0	13.1	14.2	15.6	17.1	19.1	21.3	23.3
57.5°	7.4	9.0	10.2	11.4	12.7	14.0	15.3	16.8	18.4	20.7	23.2
60°	7.5	8.8	9.8	10.9	12.1	13.5	15.1	16.6	18.2	20.0	23.8
62.5°	7.1	8.4	9.8	10.9	11.8	13.2	14.6	16.3	18.5	21.6	25.2
65°	6.5	7.9	9.4	10.8	12.1	13.0	14.4	16.8	19.8	23.1	26.8
67.5°	5.9	7.3	8.9	10.6	12.1	13.5	15.3	17.9	21.0	24.4	28.3
70°	5.3	6.7	8.3	10.1	12.1	14.2	16.4	18.9	22.1	25.6	29.7
72.5°	4.9	6.4	7.9	9.6	11.8	14.2	17.0	19.8	23.2	27.0	31.1
75°	4.4	6.0	7.4	9.1	11.3	14.0	17.1	20.6	24.1	28.3	32.4
77.5°	3.6	4.8	6.4	8.4	10.9	13.7	17.0	21.1	25.0	29.2	33.3
80°	2.3	3.4	5.1	7.3	10.4	13.4	16.9	21.0	25.1	29.5	33.9
82.5°	1.2	2.2	3.9	6.5	9.9	13.4	16.9	20.9	25.4	29.9	34.7
85°	0.5	1.7	3.6	6.4	9.8	13.6	17.1	21.2	25.8	30.6	35.6
87.5°	0.1	1.4	3.7	6.6	10.0	14.1	17.6	21.7	26.5	31.5	36.7
90°	0.0	1.2	4.2	7.1	10.7	14.9	18.4	22.6	27.4	32.7	38.1
92.5°	0.1	1.4	3.7	6.6	10.0	14.1	17.6	21.7	26.5	31.5	36.7
95°	0.5	1.7	3.6	6.4	9.8	13.6	17.1	21.2	25.8	30.6	35.6
97.5°	1.2	2.2	3.9	6.5	9.9	13.4	16.9	20.9	25.4	29.9	34.7
100°	2.3	3.4	5.1	7.3	10.4	13.4	16.9	21.0	25.1	29.5	33.9
102.5°	3.6	4.8	6.4	8.4	10.9	13.7	17.0	21.1	25.0	29.2	33.3
105°	4.4	6.0	7.4	9.1	11.3	14.0	17.1	20.6	24.1	28.3	32.4
107.5°	4.9	6.4	7.9	9.6	11.8	14.2	17.0	19.8	23.2	27.0	31.1
110°	5.3	6.7	8.3	10.1	12.1	14.2	16.4	18.9	22.1	25.6	29.7



TEST NUMBER: P231945

CATALOG NUMBER: FVS4WM-4-LD4-35-1LO-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°	5.9	7.3	8.9	10.6	12.1	13.5	15.3	17.9	21.0	24.4	28.3
115°	6.5	7.9	9.4	10.8	12.1	13.0	14.4	16.8	19.8	23.1	26.8
117.5°	7.1	8.4	9.8	10.9	11.8	13.2	14.6	16.3	18.5	21.6	25.2
120°	7.5	8.8	9.8	10.9	12.1	13.5	15.1	16.6	18.2	20.0	23.8
122.5°	7.4	9.0	10.2	11.4	12.7	14.0	15.3	16.8	18.4	20.7	23.2
125°	7.6	9.3	10.8	12.0	13.1	14.2	15.6	17.1	19.1	21.3	23.3
127.5°	7.8	9.5	11.0	12.2	13.2	14.6	16.0	17.8	19.6	21.5	23.6
130°	7.7	9.2	10.7	12.4	13.7	15.1	16.6	18.2	19.9	21.7	23.6
132.5°	7.7	9.2	10.8	12.5	14.2	15.5	16.9	18.4	19.9	21.6	23.4
135°	7.7	9.3	10.8	12.4	14.1	15.7	16.9	18.3	19.7	21.3	23.1
137.5°	7.7	9.2	10.8	12.2	13.7	15.1	16.5	17.8	19.3	20.9	22.6
140°	7.5	8.9	10.3	11.7	13.1	14.4	15.8	17.2	18.6	20.0	21.4
142.5°	7.2	8.5	9.8	11.1	12.4	13.7	15.0	16.2	17.2	18.5	20.1
145°	6.9	8.1	9.3	10.6	11.7	12.8	13.9	15.0	16.1	17.2	18.5
147.5°	6.4	7.5	8.6	9.7	10.8	11.9	13.0	14.1	15.0	15.9	16.8
150°	5.9	7.0	8.0	9.1	10.1	11.1	12.0	12.9	13.8	14.8	15.7
152.5°	5.5	6.5	7.4	8.3	9.2	10.1	11.1	12.0	12.9	13.8	14.7
155°	5.0	5.9	6.8	7.7	8.6	9.4	10.3	11.1	12.0	12.8	13.6
157.5°	4.7	5.5	6.3	7.1	7.9	8.7	9.5	10.2	11.0	11.8	12.5
160°	4.3	5.0	5.8	6.5	7.2	7.9	8.6	9.3	10.0	10.7	11.4
162.5°	3.9	4.6	5.2	5.9	6.5	7.1	7.8	8.4	9.0	9.6	10.2
165°	3.5	4.1	4.6	5.2	5.8	6.3	6.9	7.4	7.9	8.5	9.0
167.5°	3.1	3.6	4.0	4.5	5.0	5.5	5.9	6.4	6.8	7.3	7.7
170°	2.6	3.0	3.4	3.8	4.2	4.6	5.0	5.3	5.7	6.1	6.4
172.5°	2.2	2.5	2.8	3.1	3.4	3.7	3.9	4.2	4.5	4.8	5.0
175°	1.7	1.9	2.1	2.3	2.5	2.7	2.9	3.1	3.3	3.4	3.6
177.5°	1.1	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231945

CATALOG NUMBER: FVS4WM-4-LD4-35-1LO-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	2.6	2.7	2.7	2.8	2.9	2.9	3.0
5°	3.8	4.0	4.1	4.3	4.4	4.6	4.7	4.8	5.0	5.1	5.2
7.5°	5.3	5.5	5.8	6.0	6.2	6.5	6.7	6.9	7.0	7.2	7.4
10°	6.7	7.1	7.4	7.7	8.0	8.3	8.6	8.8	9.1	9.3	9.6
12.5°	8.1	8.5	8.9	9.3	9.7	10.1	10.4	10.8	11.1	11.4	11.7
15°	9.5	10.0	10.5	10.9	11.4	11.8	12.2	12.6	13.0	13.4	13.8
17.5°	10.8	11.4	11.9	12.5	13.0	13.5	14.0	14.5	14.9	15.4	15.8
20°	12.0	12.7	13.3	13.9	14.6	15.1	15.7	16.3	16.8	17.3	17.8
22.5°	13.3	14.0	14.7	15.4	16.1	16.7	17.4	18.0	18.6	19.2	19.8
25°	14.4	15.2	16.0	16.8	17.6	18.3	19.0	19.7	20.4	21.1	22.5
27.5°	15.6	16.5	17.3	18.2	19.0	19.8	21.4	23.1	24.9	26.8	28.7
30°	16.7	17.7	18.6	20.0	21.7	23.5	25.4	27.4	29.6	31.9	34.2
32.5°	17.8	19.3	21.0	22.8	24.7	26.7	28.8	31.1	33.6	36.3	39.2
35°	19.8	21.3	23.1	25.1	27.2	29.4	31.8	34.3	37.1	40.2	43.6
37.5°	21.8	23.4	25.1	27.1	29.3	31.8	34.4	37.2	40.2	43.7	47.4
40°	23.1	25.0	26.9	28.9	31.1	33.8	36.7	39.7	43.1	46.7	51.0
42.5°	24.3	26.2	28.3	30.6	32.8	35.5	38.6	42.0	45.6	49.6	54.1
45°	25.2	27.2	29.4	31.9	34.5	37.1	40.3	43.9	47.9	52.2	56.9
47.5°	25.5	27.9	30.3	33.0	35.8	38.7	41.8	45.7	50.0	54.6	59.8
50°	25.7	28.1	30.9	33.8	36.9	40.1	43.5	47.5	52.8	57.8	62.8
52.5°	25.9	28.3	31.1	34.3	37.7	42.4	47.2	52.1	57.2	62.1	66.5
55°	25.7	28.4	31.5	36.2	41.3	46.5	51.6	56.9	62.1	66.9	70.8
57.5°	25.7	29.9	34.4	39.2	44.7	50.4	56.0	61.5	67.2	72.1	75.7
60°	27.9	32.1	37.0	42.1	47.8	54.1	60.2	66.1	72.2	77.3	81.0
62.5°	29.7	34.3	39.4	44.9	50.7	57.6	64.2	70.7	77.1	82.9	86.8
65°	31.3	36.3	41.5	47.5	53.6	60.8	68.2	75.2	82.0	88.6	92.9
67.5°	32.8	38.1	43.7	50.0	56.6	63.9	72.0	79.7	87.0	94.2	98.6
70°	34.4	39.8	45.8	52.4	59.5	66.9	75.9	84.1	91.8	99.1	103.0
72.5°	36.0	41.5	47.8	54.7	62.3	69.5	78.1	86.1	93.0	99.0	102.7
75°	37.6	43.0	49.0	55.6	62.9	70.6	79.1	87.3	94.1	99.5	102.6
77.5°	38.0	43.5	49.5	56.2	63.6	71.7	80.4	88.8	95.6	100.3	102.8
80°	38.6	44.2	50.3	57.0	64.5	72.8	81.9	90.6	97.4	101.5	103.1
82.5°	39.5	45.1	51.3	57.9	65.7	74.2	83.8	92.6	99.4	103.0	103.6
85°	40.5	46.3	52.5	59.2	67.1	75.7	85.9	94.8	101.6	104.7	104.2
87.5°	41.8	47.7	54.1	60.7	68.8	77.6	88.3	97.3	104.0	106.5	104.8
90°	43.4	49.4	55.9	62.5	70.8	79.7	91.0	99.9	106.5	108.3	105.3
92.5°	41.8	47.7	54.1	60.7	68.8	77.6	88.3	97.3	104.0	106.5	104.8
95°	40.5	46.3	52.5	59.2	67.1	75.7	85.9	94.8	101.6	104.7	104.2
97.5°	39.5	45.1	51.3	57.9	65.7	74.2	83.8	92.6	99.4	103.0	103.6
100°	38.6	44.2	50.3	57.0	64.5	72.8	81.9	90.6	97.4	101.5	103.1
102.5°	38.0	43.5	49.5	56.2	63.6	71.7	80.4	88.8	95.6	100.3	102.8
105°	37.6	43.0	49.0	55.6	62.9	70.6	79.1	87.3	94.1	99.5	102.6
107.5°	36.0	41.5	47.8	54.7	62.3	69.5	78.1	86.1	93.0	99.0	102.7
110°	34.4	39.8	45.8	52.4	59.5	66.9	75.9	84.1	91.8	99.1	103.0



TEST NUMBER: P231945

CATALOG NUMBER: FVS4WM-4-LD4-35-1LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	32.8	38.1	43.7	50.0	56.6	63.9	72.0	79.7	87.0	94.2	98.6
115°	31.3	36.3	41.5	47.5	53.6	60.8	68.2	75.2	82.0	88.6	92.9
117.5°	29.7	34.3	39.4	44.9	50.7	57.6	64.2	70.7	77.1	82.9	86.8
120°	27.9	32.1	37.0	42.1	47.8	54.1	60.2	66.1	72.2	77.3	81.0
122.5°	25.7	29.9	34.4	39.2	44.7	50.4	56.0	61.5	67.2	72.1	75.7
125°	25.7	28.4	31.5	36.2	41.3	46.5	51.6	56.9	62.1	66.9	70.8
127.5°	25.9	28.3	31.1	34.3	37.7	42.4	47.2	52.1	57.2	62.1	66.5
130°	25.7	28.1	30.9	33.8	36.9	40.1	43.5	47.5	52.8	57.8	62.8
132.5°	25.5	27.9	30.3	33.0	35.8	38.7	41.8	45.7	50.0	54.6	59.8
135°	25.2	27.2	29.4	31.9	34.5	37.1	40.3	43.9	47.9	52.2	56.9
137.5°	24.3	26.2	28.3	30.6	32.8	35.5	38.6	42.0	45.6	49.6	54.1
140°	23.1	25.0	26.9	28.9	31.1	33.8	36.7	39.7	43.1	46.7	51.0
142.5°	21.8	23.4	25.1	27.1	29.3	31.8	34.4	37.2	40.2	43.7	47.4
145°	19.8	21.3	23.1	25.1	27.2	29.4	31.8	34.3	37.1	40.2	43.6
147.5°	17.8	19.3	21.0	22.8	24.7	26.7	28.8	31.1	33.6	36.3	39.2
150°	16.7	17.7	18.6	20.0	21.7	23.5	25.4	27.4	29.6	31.9	34.2
152.5°	15.6	16.5	17.3	18.2	19.0	19.8	21.4	23.1	24.9	26.8	28.7
155°	14.4	15.2	16.0	16.8	17.6	18.3	19.0	19.7	20.4	21.1	22.5
157.5°	13.3	14.0	14.7	15.4	16.1	16.7	17.4	18.0	18.6	19.2	19.8
160°	12.0	12.7	13.3	13.9	14.6	15.1	15.7	16.3	16.8	17.3	17.8
162.5°	10.8	11.4	11.9	12.5	13.0	13.5	14.0	14.5	14.9	15.4	15.8
165°	9.5	10.0	10.5	10.9	11.4	11.8	12.2	12.6	13.0	13.4	13.8
167.5°	8.1	8.5	8.9	9.3	9.7	10.1	10.4	10.8	11.1	11.4	11.7
170°	6.7	7.1	7.4	7.7	8.0	8.3	8.6	8.8	9.1	9.3	9.6
172.5°	5.3	5.5	5.8	6.0	6.2	6.5	6.7	6.9	7.0	7.2	7.4
175°	3.8	4.0	4.1	4.3	4.4	4.6	4.7	4.8	5.0	5.1	5.2
177.5°	2.2	2.3	2.4	2.5	2.6	2.7	2.7	2.8	2.9	2.9	3.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231945

CATALOG NUMBER: FVS4WM-4-LD4-35-1LO-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	3.1	3.1	3.2	3.2	3.2	3.3	3.3	3.3	3.3	3.7
5°	5.3	5.4	5.5	5.6	5.7	5.8	5.9	5.9	6.0	6.0	6.8
7.5°	7.5	7.7	7.8	8.0	8.2	8.3	8.4	8.5	8.6	8.7	9.9
10°	9.8	10.0	10.1	10.3	10.5	10.7	10.9	11.1	11.3	11.4	13.0
12.5°	11.9	12.2	12.4	12.6	12.8	13.1	13.4	13.7	13.9	14.2	16.1
15°	14.1	14.4	14.7	15.0	15.2	15.4	15.8	16.2	16.5	16.9	19.1
17.5°	16.2	16.6	16.9	17.3	17.6	17.8	18.2	18.7	19.1	19.6	22.1
20°	18.3	18.7	19.1	19.5	19.9	20.2	20.5	21.1	21.7	22.3	25.2
22.5°	20.3	20.8	21.3	21.8	22.2	22.6	22.9	23.5	24.3	25.0	28.2
25°	24.0	25.5	26.9	28.1	29.3	30.1	30.7	31.4	32.2	32.9	36.1
27.5°	30.7	32.6	34.4	36.0	37.4	38.4	39.0	39.5	40.3	40.9	44.0
30°	36.7	39.3	41.6	43.8	45.4	46.9	47.4	47.7	48.3	48.8	51.9
32.5°	42.2	45.4	48.4	51.2	53.4	55.1	55.8	56.0	56.4	56.7	59.7
35°	47.1	50.9	54.8	58.2	61.2	63.2	64.2	64.3	64.5	64.7	67.4
37.5°	51.6	56.0	60.6	64.9	69.0	71.2	72.8	72.7	72.6	72.6	75.1
40°	55.7	60.7	66.1	71.3	76.0	79.2	81.3	81.0	80.8	80.5	82.8
42.5°	59.2	65.0	71.1	77.7	82.9	87.1	89.9	89.5	89.0	88.5	90.4
45°	62.7	69.0	75.8	83.1	89.6	95.0	98.1	97.9	97.2	96.4	97.9
47.5°	65.7	71.8	78.4	85.2	91.6	97.2	100.5	101.7	102.3	103.3	107.2
50°	67.6	73.0	79.0	85.3	91.8	97.9	102.2	105.0	107.3	110.1	116.6
52.5°	70.4	75.0	80.1	85.8	92.1	98.4	103.7	108.0	112.1	117.0	126.2
55°	74.1	77.6	81.6	86.5	92.6	99.0	105.1	110.9	116.8	123.9	135.9
57.5°	78.4	80.7	83.6	87.5	93.2	99.6	106.4	113.6	121.4	130.7	145.7
60°	83.2	84.4	86.0	89.1	94.1	100.3	107.7	116.1	125.9	137.6	155.7
62.5°	88.4	88.6	89.1	91.1	95.1	101.1	108.8	118.4	130.3	144.5	165.8
65°	94.0	93.3	92.6	93.2	96.3	101.9	109.9	120.6	134.7	151.3	176.0
67.5°	99.7	98.3	96.3	95.7	97.6	102.7	110.9	122.7	138.9	158.2	186.2
70°	103.2	100.7	97.6	96.1	97.4	102.2	110.2	121.8	137.9	157.5	185.9
72.5°	102.8	100.3	97.1	95.6	96.9	101.5	109.4	120.8	136.9	156.8	185.5
75°	102.5	99.8	96.6	95.1	96.4	100.8	108.7	119.9	135.9	156.0	186.0
77.5°	102.3	99.3	96.0	94.5	95.9	100.2	108.0	119.1	135.0	155.3	185.1
80°	102.1	98.7	95.3	93.9	95.4	99.7	107.5	118.4	134.1	154.6	184.3
82.5°	101.9	98.1	94.6	93.3	95.0	99.2	107.0	117.7	133.2	153.9	183.4
85°	101.7	97.4	93.8	92.7	94.6	98.8	106.6	117.1	132.4	153.1	182.5
87.5°	101.4	96.6	93.0	92.2	94.3	98.5	106.2	116.5	131.6	152.4	181.7
90°	101.1	95.8	92.2	91.6	94.0	98.2	105.9	116.0	130.9	151.7	180.8
92.5°	101.4	96.6	93.0	92.2	94.3	98.5	106.2	116.5	131.6	152.4	181.7
95°	101.7	97.4	93.8	92.7	94.6	98.8	106.6	117.1	132.4	153.1	182.5
97.5°	101.9	98.1	94.6	93.3	95.0	99.2	107.0	117.7	133.2	153.9	183.4
100°	102.1	98.7	95.3	93.9	95.4	99.7	107.5	118.4	134.1	154.6	184.3
102.5°	102.3	99.3	96.0	94.5	95.9	100.2	108.0	119.1	135.0	155.3	185.1
105°	102.5	99.8	96.6	95.1	96.4	100.8	108.7	119.9	135.9	156.0	186.0
107.5°	102.8	100.3	97.1	95.6	96.9	101.5	109.4	120.8	136.9	156.8	185.5
110°	103.2	100.7	97.6	96.1	97.4	102.2	110.2	121.8	137.9	157.5	185.9





TEST NUMBER: P231945

CATALOG NUMBER: FVS4WM-4-LD4-35-1LO-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°	99.7	98.3	96.3	95.7	97.6	102.7	110.9	122.7	138.9	158.2	186.2
115°	94.0	93.3	92.6	93.2	96.3	101.9	109.9	120.6	134.7	151.3	176.0
117.5°	88.4	88.6	89.1	91.1	95.1	101.1	108.8	118.4	130.3	144.5	165.8
120°	83.2	84.4	86.0	89.1	94.1	100.3	107.7	116.1	125.9	137.6	155.7
122.5°	78.4	80.7	83.6	87.5	93.2	99.6	106.4	113.6	121.4	130.7	145.7
125°	74.1	77.6	81.6	86.5	92.6	99.0	105.1	110.9	116.8	123.9	135.9
127.5°	70.4	75.0	80.1	85.8	92.1	98.4	103.7	108.0	112.1	117.0	126.2
130°	67.6	73.0	79.0	85.3	91.8	97.9	102.2	105.0	107.3	110.1	116.6
132.5°	65.7	71.8	78.4	85.2	91.6	97.2	100.5	101.7	102.3	103.3	107.2
135°	62.7	69.0	75.8	83.1	89.6	95.0	98.1	97.9	97.2	96.4	97.9
137.5°	59.2	65.0	71.1	77.7	82.9	87.1	89.9	89.5	89.0	88.5	90.4
140°	55.7	60.7	66.1	71.3	76.0	79.2	81.3	81.0	80.8	80.5	82.8
142.5°	51.6	56.0	60.6	64.9	69.0	71.2	72.8	72.7	72.6	72.6	75.1
145°	47.1	50.9	54.8	58.2	61.2	63.2	64.2	64.3	64.5	64.7	67.4
147.5°	42.2	45.4	48.4	51.2	53.4	55.1	55.8	56.0	56.4	56.7	59.7
150°	36.7	39.3	41.6	43.8	45.4	46.9	47.4	47.7	48.3	48.8	51.9
152.5°	30.7	32.6	34.4	36.0	37.4	38.4	39.0	39.5	40.3	40.9	44.0
155°	24.0	25.5	26.9	28.1	29.3	30.1	30.7	31.4	32.2	32.9	36.1
157.5°	20.3	20.8	21.3	21.8	22.2	22.6	22.9	23.5	24.3	25.0	28.2
160°	18.3	18.7	19.1	19.5	19.9	20.2	20.5	21.1	21.7	22.3	25.2
162.5°	16.2	16.6	16.9	17.3	17.6	17.8	18.2	18.7	19.1	19.6	22.1
165°	14.1	14.4	14.7	15.0	15.2	15.4	15.8	16.2	16.5	16.9	19.1
167.5°	11.9	12.2	12.4	12.6	12.8	13.1	13.4	13.7	13.9	14.2	16.1
170°	9.8	10.0	10.1	10.3	10.5	10.7	10.9	11.1	11.3	11.4	13.0
172.5°	7.5	7.7	7.8	8.0	8.2	8.3	8.4	8.5	8.6	8.7	9.9
175°	5.3	5.4	5.5	5.6	5.7	5.8	5.9	5.9	6.0	6.0	6.8
177.5°	3.0	3.1	3.1	3.2	3.2	3.2	3.3	3.3	3.3	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: P231945

CATALOG NUMBER: FVS4WM-4-LD4-35-1LO-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°	4.1	4.5	4.9	5.3	5.6	6.0	6.4	6.7	7.0	7.3	7.6
5°	7.6	8.4	9.1	9.9	10.6	11.3	12.0	12.7	13.3	14.0	14.6
7.5°	11.1	12.2	13.3	14.4	15.5	16.6	17.6	18.9	20.1	21.3	22.5
10°	14.5	16.0	17.5	18.9	20.4	22.1	23.8	25.5	27.1	28.7	30.3
12.5°	17.9	19.8	21.6	23.5	25.7	27.8	29.9	31.9	33.9	35.7	37.5
15°	21.3	23.5	25.7	28.3	30.8	33.3	35.8	38.2	40.6	42.9	45.3
17.5°	24.7	27.1	30.0	32.9	35.8	38.8	41.8	44.7	47.5	50.1	52.7
20°	28.0	30.8	34.2	37.5	40.8	44.4	47.9	51.3	54.5	57.6	60.6
22.5°	31.3	34.6	38.3	41.9	46.0	50.1	54.1	58.0	61.7	65.3	68.8
25°	39.1	42.6	46.3	50.0	54.1	58.2	62.1	65.9	69.7	73.4	77.5
27.5°	47.0	50.8	54.7	58.9	63.2	67.5	71.8	76.0	80.0	84.0	87.3
30°	54.8	58.9	63.0	67.6	72.3	76.8	81.4	85.7	90.0	93.6	96.9
32.5°	62.7	66.9	71.3	76.0	80.9	85.9	90.6	95.1	99.1	102.7	105.0
35°	70.5	74.8	79.4	84.3	89.5	95.1	99.5	104.0	107.8	110.8	111.7
37.5°	78.3	82.6	87.4	92.4	98.1	103.3	108.1	112.3	116.5	117.3	118.0
40°	86.0	90.3	95.3	100.5	106.5	111.5	116.2	120.2	122.7	123.5	123.7
42.5°	93.6	97.9	103.0	108.6	114.7	119.5	123.9	128.0	128.8	129.2	129.2
45°	101.1	105.5	110.5	116.5	122.4	127.1	131.3	134.0	134.7	134.6	134.8
47.5°	112.9	119.7	126.5	133.1	137.4	140.0	141.9	140.9	140.1	139.9	140.3
50°	125.3	135.1	144.9	153.3	157.2	159.3	160.4	158.1	155.0	151.9	149.3
52.5°	137.9	151.1	163.8	173.9	176.7	178.3	177.9	174.9	171.0	167.6	165.2
55°	151.0	167.6	183.0	194.0	196.0	196.9	195.0	191.1	186.8	182.9	180.6
57.5°	164.2	184.5	202.5	213.5	215.0	215.3	211.8	207.1	202.3	198.1	195.7
60°	177.8	201.9	222.2	232.8	233.7	233.2	228.4	222.9	217.4	213.2	211.5
62.5°	191.5	219.7	242.1	251.9	252.2	250.3	244.7	238.4	232.2	228.0	227.1
65°	205.4	237.7	262.2	271.0	270.4	267.2	260.7	253.7	246.8	242.5	242.4
67.5°	219.5	256.0	282.4	289.8	288.6	284.0	276.7	268.9	261.7	257.3	257.3
70°	220.1	257.8	285.9	296.0	297.7	294.0	287.8	281.2	275.1	272.0	273.5
72.5°	220.1	258.2	287.0	299.7	303.8	300.0	294.7	289.2	284.3	282.1	285.0
75°	220.0	258.3	288.0	303.9	310.2	306.1	302.0	297.6	293.6	292.0	295.6
77.5°	219.8	258.2	289.0	308.5	316.8	312.3	309.6	306.3	303.2	301.8	305.7
80°	220.5	257.8	289.7	313.4	323.6	318.5	317.5	315.3	312.9	311.5	315.6
82.5°	219.5	258.2	291.5	318.5	330.5	324.8	325.6	324.5	322.8	321.1	325.2
85°	218.5	256.8	291.3	324.2	337.7	331.1	333.9	333.9	332.7	330.6	334.6
87.5°	217.5	255.4	291.1	328.6	344.4	337.7	342.2	343.3	342.7	340.2	343.8
90°	216.5	254.0	290.9	333.1	351.0	344.4	350.4	352.8	352.8	349.8	352.8
92.5°	217.5	255.4	291.1	328.6	344.4	337.7	342.2	343.3	342.7	340.2	343.8
95°	218.5	256.8	291.3	324.2	337.7	331.1	333.9	333.9	332.7	330.6	334.6
97.5°	219.5	258.2	291.5	318.5	330.5	324.8	325.6	324.5	322.8	321.1	325.2
100°	220.5	257.8	289.7	313.4	323.6	318.5	317.5	315.3	312.9	311.5	315.6
102.5°	219.8	258.2	289.0	308.5	316.8	312.3	309.6	306.3	303.2	301.8	305.7
105°	220.0	258.3	288.0	303.9	310.2	306.1	302.0	297.6	293.6	292.0	295.6
107.5°	220.1	258.2	287.0	299.7	303.8	300.0	294.7	289.2	284.3	282.1	285.0
110°	220.1	257.8	285.9	296.0	297.7	294.0	287.8	281.2	275.1	272.0	273.5



TEST NUMBER: P231945

CATALOG NUMBER: FVS4WM-4-LD4-35-1LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	219.5	256.0	282.4	289.8	288.6	284.0	276.7	268.9	261.7	257.3	257.4
115°	205.4	237.7	262.2	271.0	270.4	267.2	260.7	253.7	246.8	242.5	242.4
117.5°	191.5	219.7	242.1	251.9	252.2	250.3	244.7	238.4	232.2	228.0	227.1
120°	177.8	201.9	222.2	232.8	233.7	233.2	228.4	222.9	217.4	213.2	211.5
122.5°	164.2	184.5	202.5	213.5	215.0	215.3	211.8	207.1	202.3	198.1	195.7
125°	151.0	167.6	183.0	194.0	196.0	196.9	195.0	191.1	186.8	182.9	180.6
127.5°	137.9	151.1	163.8	173.9	176.7	178.3	177.9	174.9	171.0	167.6	165.2
130°	125.3	135.1	144.9	153.3	157.2	159.3	160.4	158.1	155.0	151.9	149.3
132.5°	112.9	119.7	126.5	133.1	137.4	140.0	141.9	140.9	140.1	139.9	140.3
135°	101.1	105.5	110.5	116.5	122.4	127.1	131.3	134.0	134.7	134.6	134.8
137.5°	93.6	97.9	103.0	108.6	114.7	119.5	123.9	128.0	128.8	129.2	129.2
140°	86.0	90.3	95.3	100.5	106.5	111.5	116.2	120.2	122.7	123.5	123.7
142.5°	78.3	82.6	87.4	92.4	98.1	103.3	108.1	112.3	116.5	117.3	118.0
145°	70.5	74.8	79.4	84.3	89.5	95.1	99.5	104.0	107.8	110.8	111.7
147.5°	62.7	66.9	71.3	76.0	80.9	85.9	90.6	95.1	99.1	102.7	105.0
150°	54.8	58.9	63.0	67.6	72.3	76.8	81.4	85.7	90.0	93.6	96.9
152.5°	47.0	50.8	54.7	58.9	63.2	67.5	71.8	76.0	80.0	84.0	87.3
155°	39.1	42.6	46.3	50.0	54.1	58.2	62.1	65.9	69.7	73.4	77.5
157.5°	31.3	34.6	38.3	41.9	46.0	50.1	54.1	58.0	61.7	65.3	68.8
160°	28.0	30.8	34.2	37.5	40.8	44.4	47.9	51.3	54.5	57.6	60.6
162.5°	24.7	27.1	30.0	32.9	35.8	38.8	41.8	44.7	47.5	50.1	52.7
165°	21.3	23.5	25.7	28.3	30.8	33.3	35.8	38.2	40.6	42.9	45.3
167.5°	17.9	19.8	21.6	23.5	25.7	27.8	29.9	31.9	33.9	35.7	37.5
170°	14.5	16.0	17.5	18.9	20.4	22.1	23.8	25.5	27.1	28.7	30.3
172.5°	11.1	12.2	13.3	14.4	15.5	16.6	17.6	18.9	20.1	21.3	22.5
175°	7.6	8.4	9.1	9.9	10.6	11.3	12.0	12.7	13.3	14.0	14.6
177.5°	4.1	4.5	4.9	5.3	5.6	6.0	6.4	6.7	7.0	7.3	7.6
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231945

CATALOG NUMBER: FVS4WM-4-LD4-35-1LO-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°	7.9	8.2	8.5	8.7	8.9	9.2	9.4	9.6	9.7	9.9	10.0
5°	15.3	16.0	16.7	17.4	18.0	18.6	19.1	19.6	20.1	20.5	20.9
7.5°	23.6	24.6	25.6	26.6	27.5	28.2	28.9	29.6	30.1	30.6	31.1
10°	31.5	32.8	34.0	35.1	36.2	37.2	38.1	38.9	39.6	40.3	40.8
12.5°	39.2	40.8	42.3	43.7	45.0	46.2	47.3	48.3	49.2	49.8	50.3
15°	47.1	49.0	50.8	52.5	54.0	55.3	56.4	57.3	58.1	58.8	59.3
17.5°	55.1	57.7	59.4	61.2	62.9	64.4	65.7	67.0	68.0	69.0	69.8
20°	63.4	65.9	68.3	70.5	72.4	74.1	75.7	77.0	77.9	78.9	79.7
22.5°	72.0	75.0	77.5	79.9	82.1	83.2	84.4	85.5	86.6	87.8	88.9
25°	80.9	83.9	87.1	88.1	89.3	90.5	91.7	92.9	94.2	95.6	97.3
27.5°	90.3	92.4	93.2	94.4	95.4	96.4	97.8	99.2	101.0	102.9	105.4
30°	98.9	99.7	100.3	100.5	100.5	101.3	102.9	104.8	108.1	111.3	114.8
32.5°	105.9	106.4	106.6	106.8	107.4	108.0	109.8	112.1	116.1	121.1	126.1
35°	112.3	112.5	112.8	113.5	114.6	116.9	119.1	123.1	126.9	132.9	140.8
37.5°	118.2	118.5	119.2	120.6	123.1	126.3	130.6	135.7	142.7	150.1	159.0
40°	123.9	124.6	126.0	128.5	132.2	136.9	143.6	151.4	161.1	172.2	183.9
42.5°	129.8	130.8	133.3	137.0	141.9	149.6	158.1	170.3	183.6	198.3	213.9
45°	135.4	137.6	140.8	145.9	153.8	162.9	176.7	191.2	208.7	226.7	245.8
47.5°	141.7	143.9	149.0	156.4	166.0	180.4	196.3	215.2	235.5	256.6	279.9
50°	148.2	151.5	157.5	167.5	181.5	198.0	218.0	239.9	263.9	289.3	316.1
52.5°	164.1	165.8	171.2	180.3	197.6	217.4	240.0	265.6	293.2	323.3	355.7
55°	180.7	183.7	191.0	202.9	218.3	237.1	262.0	291.9	324.1	359.0	393.0
57.5°	196.8	202.2	211.6	224.8	241.4	263.2	289.2	319.2	355.8	391.2	427.3
60°	213.2	220.1	231.8	246.0	264.4	287.9	316.9	350.9	385.5	420.1	460.7
62.5°	230.6	238.8	250.8	264.7	286.0	312.4	343.7	378.6	412.9	451.0	491.0
65°	247.5	256.9	268.6	283.8	306.3	334.1	367.8	402.2	438.5	477.7	519.0
67.5°	263.9	274.0	284.5	301.8	325.8	354.9	388.5	422.8	460.2	500.5	548.3
70°	280.3	290.0	298.6	318.2	342.8	373.1	406.2	440.8	478.4	520.8	575.5
72.5°	293.2	303.1	313.5	333.3	357.8	389.7	421.1	455.0	493.0	540.8	598.4
75°	304.4	314.5	326.6	345.3	369.7	399.9	432.3	465.9	504.0	556.4	617.0
77.5°	315.4	325.8	338.0	355.1	378.8	407.5	438.4	472.7	515.7	570.4	632.1
80°	326.1	336.9	348.0	363.2	385.7	412.7	442.2	477.1	524.6	583.8	652.1
82.5°	336.5	347.8	356.8	369.6	390.8	415.7	443.9	479.3	530.8	594.6	666.7
85°	346.6	358.5	364.7	374.9	394.4	416.9	443.6	479.2	534.0	602.3	675.8
87.5°	356.6	369.1	372.0	379.4	397.0	417.1	442.3	477.9	535.9	608.6	682.1
90°	365.8	378.9	378.9	383.1	398.0	415.2	438.4	472.9	531.2	606.2	678.2
92.5°	356.6	369.1	372.0	379.4	397.0	417.1	442.3	477.9	535.9	608.6	682.1
95°	346.6	358.5	364.7	374.9	394.4	416.9	443.6	479.2	534.0	602.3	675.8
97.5°	336.5	347.8	356.8	369.6	390.8	415.7	443.9	479.3	530.8	594.6	666.7
100°	326.1	336.9	348.0	363.2	385.7	412.7	442.2	477.1	524.6	583.8	652.1
102.5°	315.4	325.8	338.0	355.1	378.8	407.5	438.4	472.7	515.7	570.4	632.1
105°	304.4	314.5	326.6	345.3	369.7	399.9	432.3	465.9	504.0	556.4	617.0
107.5°	293.2	303.1	313.5	333.3	357.8	389.7	421.1	455.0	493.0	540.8	598.4
110°	280.3	290.0	298.6	318.2	342.8	373.1	406.2	440.8	478.4	520.8	575.5



TEST NUMBER: P231945

CATALOG NUMBER: FVS4WM-4-LD4-35-1LO-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°	263.9	274.0	284.5	301.8	325.8	354.9	388.5	422.8	460.2	500.5	548.3
115°	247.5	256.9	268.6	283.8	306.3	334.1	367.8	402.2	438.5	477.7	519.0
117.5°	230.6	238.8	250.8	264.7	286.0	312.4	343.7	378.6	412.9	451.0	491.0
120°	213.2	220.1	231.8	246.0	264.4	287.9	316.9	350.9	385.5	420.1	460.7
122.5°	196.8	202.2	211.6	224.8	241.4	263.2	289.2	319.2	355.8	391.2	427.3
125°	180.7	183.7	191.0	202.9	218.3	237.1	262.0	291.9	324.1	359.0	393.0
127.5°	164.1	165.8	171.2	180.3	197.6	217.4	240.0	265.6	293.2	323.3	355.7
130°	148.2	151.5	157.5	167.5	181.5	198.0	218.0	239.9	263.9	289.3	316.1
132.5°	141.7	143.9	149.0	156.4	166.0	180.4	196.3	215.2	235.5	256.6	279.9
135°	135.4	137.6	140.8	145.9	153.8	162.9	176.7	191.2	208.7	226.7	245.8
137.5°	129.8	130.8	133.3	137.0	141.9	149.6	158.1	170.3	183.6	198.3	213.9
140°	123.9	124.6	126.0	128.5	132.2	136.9	143.6	151.4	161.1	172.2	183.9
142.5°	118.2	118.5	119.2	120.6	123.1	126.3	130.6	135.7	142.7	150.1	159.0
145°	112.3	112.5	112.8	113.5	114.6	116.9	119.1	123.1	126.9	132.9	140.8
147.5°	105.9	106.4	106.6	106.8	107.4	108.0	109.8	112.1	116.1	121.1	126.1
150°	98.9	99.7	100.3	100.5	100.5	101.3	102.9	104.8	108.1	111.3	114.8
152.5°	90.3	92.4	93.2	94.4	95.4	96.4	97.8	99.2	101.0	102.9	105.4
155°	80.9	83.9	87.1	88.1	89.3	90.5	91.7	92.9	94.2	95.6	97.3
157.5°	72.0	75.0	77.5	79.9	82.1	83.2	84.4	85.5	86.6	87.8	88.9
160°	63.4	65.9	68.3	70.5	72.4	74.1	75.7	77.0	78.0	78.9	79.7
162.5°	55.1	57.7	59.4	61.2	62.9	64.4	65.7	67.0	68.0	69.0	69.8
165°	47.1	49.0	50.8	52.5	54.0	55.3	56.4	57.3	58.1	58.8	59.3
167.5°	39.2	40.8	42.3	43.7	45.0	46.2	47.3	48.3	49.2	49.8	50.3
170°	31.5	32.8	34.0	35.1	36.2	37.2	38.1	38.9	39.6	40.3	40.8
172.5°	23.6	24.6	25.6	26.6	27.5	28.2	28.9	29.6	30.1	30.6	31.1
175°	15.3	16.0	16.7	17.4	18.0	18.6	19.1	19.6	20.1	20.5	20.9
177.5°	7.9	8.2	8.5	8.7	8.9	9.2	9.4	9.6	9.7	9.9	10.0
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: P231945

CATALOG NUMBER: FVS4WM-4-LD4-35-1LO-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°	10.1	10.2	10.3	10.4	10.4	10.4	10.8	10.7	10.5	10.4	10.3
5°	21.2	21.5	21.8	22.0	22.2	22.3	22.4	22.5	22.8	22.6	22.4
7.5°	31.5	31.8	32.1	32.3	32.4	32.5	32.6	32.5	32.4	32.5	32.2
10°	41.3	41.6	41.9	42.2	42.3	42.3	42.3	42.2	42.0	42.1	41.5
12.5°	50.6	50.9	51.0	51.0	51.0	50.8	50.5	50.1	49.7	49.1	48.6
15°	59.9	60.3	60.6	60.7	60.8	60.7	60.4	60.1	59.6	59.0	58.5
17.5°	70.4	70.9	71.4	71.7	72.0	72.2	72.2	72.1	71.9	71.6	71.4
20°	80.6	81.4	82.2	82.9	83.6	84.2	84.7	85.1	85.3	85.4	85.7
22.5°	90.1	91.3	92.5	93.8	94.9	96.0	97.0	97.8	98.5	99.0	99.9
25°	99.0	100.7	102.4	104.5	106.4	108.2	109.8	111.3	112.5	113.5	114.2
27.5°	108.2	110.9	113.5	116.4	119.6	122.4	125.0	127.4	129.4	131.0	132.4
30°	118.8	123.0	127.1	131.0	136.0	140.6	144.8	148.5	151.8	154.6	156.8
32.5°	131.6	138.3	144.7	150.8	157.7	165.0	171.7	177.7	183.0	187.5	191.1
35°	148.4	157.9	167.8	177.2	186.5	196.2	205.0	212.8	219.5	225.1	229.6
37.5°	170.6	182.5	196.1	208.8	220.5	232.2	243.0	252.5	260.7	267.5	273.0
40°	197.7	212.8	228.8	244.2	258.4	272.1	284.7	295.6	304.7	312.2	317.9
42.5°	230.4	246.7	264.5	283.3	300.2	315.8	331.4	344.8	355.9	364.7	371.3
45°	265.1	285.8	305.3	327.9	349.1	370.2	386.1	401.9	415.1	425.6	433.4
47.5°	303.3	328.7	354.0	378.8	403.6	425.9	447.1	467.2	485.1	500.4	512.6
50°	345.7	374.6	403.8	432.4	461.2	488.1	514.5	540.6	563.4	582.7	598.1
52.5°	387.7	419.7	453.0	486.0	521.1	556.4	588.7	622.9	652.5	677.1	696.5
55°	427.4	464.2	501.9	542.5	585.7	634.3	677.4	713.8	743.9	767.8	785.6
57.5°	466.4	507.4	550.5	602.4	659.1	711.8	764.3	798.9	823.9	842.2	854.4
60°	502.7	547.9	602.6	661.5	723.1	781.0	833.5	870.0	886.2	899.0	908.2
62.5°	534.5	589.0	651.2	717.1	780.3	838.1	881.9	917.9	930.3	939.6	945.6
65°	569.2	627.1	695.8	765.7	829.4	883.1	921.4	949.1	964.8	974.6	982.1
67.5°	604.1	668.1	738.0	811.0	876.1	924.7	958.4	980.7	995.1	1004.1	1011.1
70°	636.7	707.4	782.2	857.3	921.1	962.7	991.1	1005.6	1018.4	1028.1	1035.6
72.5°	665.4	741.2	821.8	895.0	955.1	993.3	1010.4	1024.9	1038.7	1050.2	1056.6
75°	690.1	771.4	851.6	925.4	984.7	1010.3	1025.6	1041.3	1056.9	1068.6	1075.2
77.5°	709.3	795.3	875.2	955.2	1002.6	1026.9	1041.8	1056.4	1068.2	1079.4	1087.2
80°	730.4	812.9	896.7	979.4	1022.5	1043.0	1055.7	1066.3	1075.1	1086.1	1096.3
82.5°	747.5	830.0	919.4	993.4	1033.7	1052.6	1064.5	1074.9	1084.4	1092.0	1102.7
85°	757.6	840.6	932.9	1004.5	1039.0	1056.2	1069.6	1081.6	1091.2	1099.3	1105.0
87.5°	764.1	844.4	937.1	1011.8	1041.5	1057.6	1071.5	1083.1	1093.0	1103.7	1109.5
90°	757.9	841.2	932.2	1013.1	1041.0	1057.1	1071.4	1082.1	1090.4	1102.3	1107.1
92.5°	764.1	844.4	937.1	1011.8	1041.5	1057.6	1071.5	1083.1	1093.0	1103.7	1109.5
95°	757.6	840.6	932.9	1004.5	1039.0	1056.2	1069.6	1081.6	1091.2	1099.3	1105.0
97.5°	747.5	830.0	919.4	993.4	1033.7	1052.6	1064.5	1074.9	1084.4	1092.0	1102.7
100°	730.4	812.9	896.7	979.4	1022.5	1043.0	1055.7	1066.3	1075.1	1086.1	1096.3
102.5°	709.3	795.3	875.2	955.2	1002.6	1026.9	1041.8	1056.4	1068.2	1079.4	1087.2
105°	690.1	771.4	851.6	925.4	984.7	1010.3	1025.6	1041.3	1056.9	1068.6	1075.2
107.5°	665.4	741.2	821.8	895.0	955.1	993.3	1010.4	1024.9	1038.7	1050.2	1056.6
110°	636.7	707.4	782.2	857.3	921.1	962.7	991.1	1005.6	1018.4	1028.1	1035.6



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**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	604.1	668.1	738.0	811.0	876.1	924.7	958.4	980.7	995.1	1004.1	1011.1
115°	569.2	627.1	695.8	765.7	829.4	883.1	921.4	949.1	964.8	974.6	982.1
117.5°	534.5	589.0	651.2	717.1	780.3	838.1	881.9	917.9	930.3	939.6	945.6
120°	502.7	547.9	602.6	661.5	723.1	781.0	833.5	870.0	886.2	899.0	908.2
122.5°	466.4	507.4	550.5	602.4	659.1	711.8	764.3	798.9	823.9	842.2	854.4
125°	427.4	464.2	501.9	542.5	585.7	634.3	677.4	713.8	743.9	767.8	785.6
127.5°	387.7	419.7	453.0	486.0	521.1	556.4	588.7	622.9	652.5	677.1	696.5
130°	345.7	374.6	403.8	432.4	461.2	488.1	514.5	540.6	563.4	582.7	598.1
132.5°	303.3	328.7	354.0	378.8	403.6	425.9	447.1	467.2	485.1	500.4	512.6
135°	265.1	285.8	305.3	327.9	349.1	370.2	386.1	401.9	415.1	425.6	433.4
137.5°	230.4	246.7	264.5	283.3	300.2	315.8	331.4	344.8	355.9	364.7	371.3
140°	197.7	212.8	228.8	244.2	258.4	272.1	284.7	295.6	304.7	312.2	317.9
142.5°	170.6	182.5	196.1	208.8	220.5	232.2	243.0	252.5	260.7	267.5	273.0
145°	148.4	157.9	167.8	177.2	186.5	196.2	205.0	212.8	219.5	225.1	229.6
147.5°	131.6	138.3	144.7	150.8	157.7	165.0	171.7	177.7	183.0	187.5	191.1
150°	118.8	123.0	127.1	131.0	136.0	140.6	144.8	148.5	151.8	154.6	156.8
152.5°	108.2	110.9	113.5	116.4	119.6	122.4	125.0	127.4	129.4	131.0	132.4
155°	99.0	100.7	102.4	104.5	106.4	108.2	109.8	111.3	112.5	113.5	114.2
157.5°	90.1	91.3	92.5	93.8	94.9	96.0	97.0	97.8	98.5	99.0	99.9
160°	80.6	81.4	82.2	82.9	83.6	84.2	84.7	85.1	85.3	85.4	85.7
162.5°	70.4	70.9	71.4	71.7	72.0	72.2	72.2	72.1	71.9	71.6	71.4
165°	59.9	60.3	60.6	60.7	60.8	60.7	60.4	60.1	59.6	59.0	58.5
167.5°	50.6	50.9	51.0	51.0	51.0	50.8	50.5	50.1	49.7	49.1	48.6
170°	41.3	41.6	41.9	42.2	42.3	42.3	42.3	42.2	42.0	42.1	41.5
172.5°	31.5	31.8	32.1	32.3	32.4	32.5	32.6	32.5	32.4	32.5	32.2
175°	21.2	21.5	21.8	22.0	22.2	22.3	22.4	22.5	22.8	22.6	22.4
177.5°	10.1	10.2	10.3	10.4	10.4	10.4	10.8	10.7	10.5	10.4	10.3
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°	10.2	10.1
5°	22.2	22.0
7.5°	31.8	31.5
10°	41.0	40.5
12.5°	47.8	47.0
15°	57.5	56.5
17.5°	70.5	69.6
20°	85.1	84.5
22.5°	99.6	99.3
25°	114.8	114.8
27.5°	133.5	133.8
30°	158.7	159.4
32.5°	194.4	195.7
35°	233.5	235.0
37.5°	277.8	279.6
40°	322.7	324.2
42.5°	376.7	377.7
45°	439.9	440.8
47.5°	523.4	526.5
50°	611.7	616.3
52.5°	713.3	718.6
55°	800.2	803.7
57.5°	863.1	862.6
60°	915.5	914.9
62.5°	948.4	948.2
65°	986.7	988.1
67.5°	1015.5	1017.2
70°	1040.6	1042.8
72.5°	1058.6	1057.1
75°	1077.8	1077.9
77.5°	1093.4	1099.3
80°	1105.4	1111.8
82.5°	1111.9	1121.3
85°	1114.7	1126.1
87.5°	1111.3	1129.7
90°	1112.4	1123.7
92.5°	1111.3	1129.7
95°	1114.7	1126.1
97.5°	1111.9	1121.3
100°	1105.4	1111.8
102.5°	1093.4	1099.3
105°	1077.8	1077.9
107.5°	1058.6	1057.1
110°	1040.6	1042.8





TEST NUMBER: P231945

CATALOG NUMBER: FVS4WM-4-LD4-35-1LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
112.5°	1015.5	1017.2
115°	986.7	988.1
117.5°	948.4	948.2
120°	915.5	914.9
122.5°	863.1	862.6
125°	800.2	803.7
127.5°	713.3	718.6
130°	611.7	616.3
132.5°	523.4	526.5
135°	439.9	440.8
137.5°	376.7	377.7
140°	322.7	324.2
142.5°	277.8	279.6
145°	233.5	235.0
147.5°	194.4	195.7
150°	158.7	159.4
152.5°	133.5	133.8
155°	114.8	114.8
157.5°	99.6	99.3
160°	85.1	84.5
162.5°	70.5	69.6
165°	57.5	56.5
167.5°	47.8	47.0
170°	41.0	40.5
172.5°	31.8	31.5
175°	22.2	22.0
177.5°	10.2	10.1
180°	0.0	0.0

(END OF REPORT)