

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: P231910

Luminaire Tested: **FVS4WM-2-LD4-40-2LO-P125-UNV-EDC1**

Issue Date: 3/3/2020



Test Information

Test Method: LM-79-08
Report Number: P231910
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1706-121-8)
Test Lab: INNOVATION CENTER(G3)
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: FAIL-SAFE
Catalog Number: FVS4WM-2-LD4-40-2LO-P125-UNV-EDC1
Description: FAILSAFE FVS LED FIXTURE
2FT LENGTH, 2-MODULE LED WITH P125 LENS
Light Source: (84) 4000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

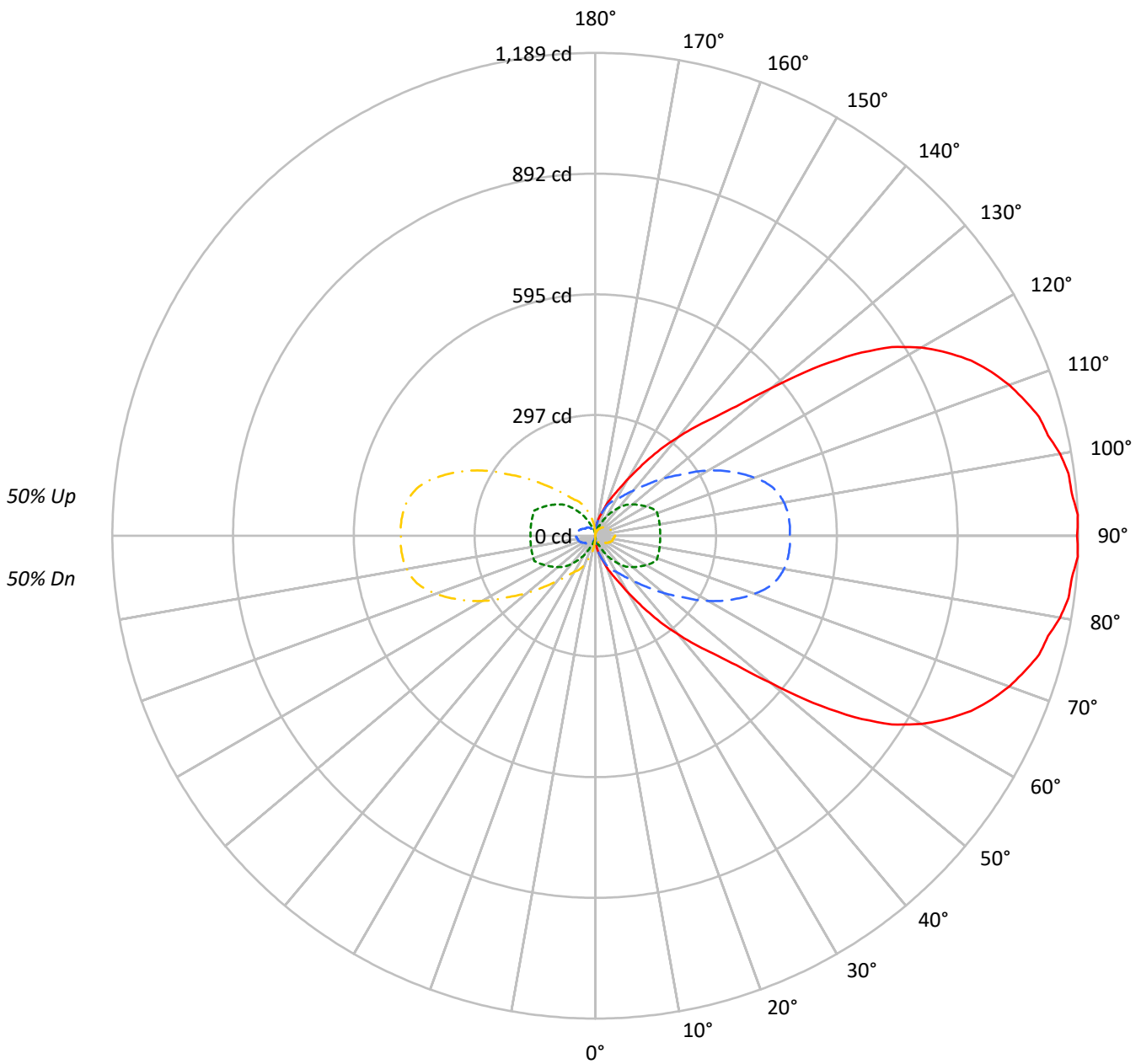
Lumens per Lamp: N/A
Luminaire Lumens: 2715.8 lumens
Efficiency: N/A
Efficacy: 112.7 lumens/watt
Spacing Criteria (0/90/45): - / - / -
Luminous Opening: Rectangular w/ Sides (W: 1.92' x L: 0.19' x H: 0.31')
CIE Type: General Diffuse

Input Watts (W): 24.1
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	46	43	38	36	33	28
2	80	69	60	52	72	63	55	48	51	45	39	40	35	31	30	26	23	18
3	71	58	49	41	64	53	44	37	43	36	30	33	28	23	24	20	17	12
4	64	50	40	32	58	46	37	30	37	29	24	28	23	18	21	16	13	9
5	58	44	34	27	53	40	31	24	32	25	19	25	19	15	18	14	10	6
6	53	39	29	22	48	35	27	20	28	21	16	22	16	12	16	11	8	5
7	49	35	25	19	44	31	23	17	25	19	14	20	14	10	14	10	7	4
8	45	31	22	16	41	28	20	15	23	16	12	18	12	9	13	9	6	3
9	42	28	20	14	38	26	18	13	21	14	10	16	11	7	12	8	5	2
10	39	26	18	12	35	23	16	11	19	13	9	15	10	6	11	7	4	2

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	0	0	0	0
5°	596	181	0	181
10°	936	364	0	364
15°	1196	547	0	547
20°	1653	737	0	737
25°	2120	1121	0	1121
30°	2852	1716	0	1716
35°	3918	2369	0	2369
40°	5155	3095	0	3095
45°	6501	3926	0	3926
50°	8807	4678	0	4678
55°	12040	5595	0	5595
60°	14289	6736	9	6736
65°	15818	8208	9	8208
70°	17024	9804	9	9804
75°	18131	11612	10	11612
80°	19172	14402	0	14402
85°	20186	19201	0	19201



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1.3	0.0
10°-20°	8.7	0.3
20°-30°	24.4	0.9
30°-40°	54.1	2.0
40°-50°	104.6	3.8
50°-60°	186.1	6.9
60°-70°	274.4	10.1
70°-80°	336.5	12.4
80°-90°	367.9	13.5
90°-100°	367.9	13.5
100°-110°	336.5	12.4
110°-120°	274.4	10.1
120°-130°	186.1	6.9
130°-140°	104.6	3.8
140°-150°	54.1	2.0
150°-160°	24.4	0.9
160°-170°	8.7	0.3
170°-180°	1.3	0.0
0°-30°	34.3	1.3
0°-40°	88.4	3.3
0°-60°	379.1	14.0
0°-90°	1357.9	50.0
90°-120°	978.8	36.0
90°-150°	1323.6	48.7
90°-180°	1358.0	50.0
0°-180°	2715.8	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	0	0	0	0	0	
5°	23	6	0	6	23	3
15°	56	18	0	18	56	17
25°	114	36	0	36	114	55
35°	232	72	0	72	232	150
45°	409	108	0	108	409	329
55°	779	132	0	132	779	691
65°	1021	156	1	156	1021	1008
75°	1131	161	1	161	1131	1192
85°	1178	160	0	160	1178	961
90°	1186	159	0	159	1186	651
95°	1178	160	0	160	1178	961
105°	1131	161	1	161	1131	1192
115°	1021	156	1	156	1021	1008
125°	779	132	0	132	779	691
135°	409	108	0	108	409	329
145°	232	72	0	72	232	150
155°	114	36	0	36	114	55
165°	56	18	0	18	56	17
175°	23	6	0	6	23	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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	9.2	9.3	9.5	9.6	9.7	9.8	10.0	9.7	9.6	9.6	9.6
5°	22.7	22.9	23.1	23.4	23.6	23.2	23.1	23.0	22.8	22.6	22.4
7.5°	30.6	31.0	31.4	31.7	31.7	31.9	32.0	32.1	32.1	32.0	31.9
10°	39.8	40.4	40.9	41.5	41.4	41.6	41.8	41.8	41.8	41.7	41.5
12.5°	47.8	48.6	49.3	49.7	50.2	50.6	50.9	51.1	51.2	51.2	51.1
15°	55.8	56.8	57.8	58.4	59.1	59.6	60.1	60.4	60.6	60.6	60.6
17.5°	67.4	68.5	69.5	69.9	70.4	70.7	71.0	71.1	71.1	70.9	70.7
20°	83.3	84.0	84.7	84.4	84.4	84.2	83.9	83.4	82.9	82.2	81.5
22.5°	97.4	97.8	98.2	97.5	97.2	96.7	96.0	95.2	94.3	93.4	92.3
25°	114.0	114.0	113.4	112.6	111.6	110.4	108.9	107.3	105.6	103.7	101.8
27.5°	133.6	133.2	131.9	130.5	128.7	126.6	124.2	121.5	118.7	115.6	112.8
30°	161.8	160.7	158.3	155.6	152.4	148.6	144.4	139.8	134.9	129.6	125.7
32.5°	193.6	192.0	188.6	184.9	180.4	175.3	169.6	163.2	156.4	149.5	143.1
35°	232.2	230.0	225.5	220.5	214.5	207.5	199.6	190.8	181.3	172.6	163.9
37.5°	275.1	272.6	267.2	261.2	253.9	245.2	235.3	224.2	212.3	200.8	188.7
40°	316.2	314.4	309.5	303.7	296.1	286.8	275.6	262.5	248.4	233.9	218.3
42.5°	362.8	361.5	356.5	350.4	342.2	332.0	319.8	305.5	289.9	272.3	252.6
45°	409.3	410.3	406.9	401.9	394.0	383.1	368.9	353.7	334.5	315.2	294.8
47.5°	471.8	473.9	469.8	464.1	455.0	442.6	426.9	408.6	387.4	362.5	340.9
50°	564.4	565.4	557.1	546.8	532.5	514.3	492.7	471.2	447.7	420.4	392.9
52.5°	675.9	672.9	658.2	641.8	621.4	597.8	571.8	544.1	511.1	477.0	445.6
55°	779.4	772.2	753.2	732.6	708.1	680.5	650.3	616.5	577.5	537.3	497.2
57.5°	865.2	853.6	831.4	808.1	781.7	753.2	720.7	682.8	644.3	596.8	550.3
60°	927.1	914.0	891.9	868.1	840.5	809.7	776.3	741.3	700.9	654.1	604.3
62.5°	976.7	960.5	940.4	916.5	889.2	859.1	824.8	788.9	749.1	706.7	654.6
65°	1020.9	1004.4	983.7	958.9	930.3	899.1	865.8	830.0	789.5	746.4	699.5
67.5°	1055.2	1039.7	1020.1	996.3	968.1	936.1	900.5	862.6	823.2	779.7	734.1
70°	1084.6	1073.2	1056.4	1033.1	1001.6	967.4	931.5	891.4	849.4	808.7	766.6
72.5°	1108.5	1101.3	1088.9	1070.0	1037.7	996.6	956.3	915.9	875.0	834.6	793.5
75°	1131.2	1127.3	1117.9	1096.1	1061.5	1021.8	978.6	938.5	898.6	856.5	814.2
77.5°	1141.6	1141.2	1137.2	1114.8	1080.1	1040.8	999.6	958.6	917.1	873.8	830.5
80°	1161.8	1160.1	1151.6	1130.0	1095.4	1055.6	1014.8	974.1	931.4	886.5	842.3
82.5°	1174.7	1173.2	1165.9	1149.1	1112.3	1067.2	1023.1	980.1	940.0	897.8	854.3
85°	1177.7	1178.9	1175.0	1155.4	1120.0	1075.6	1030.6	988.6	947.3	905.9	861.8
87.5°	1188.8	1186.2	1176.9	1160.4	1124.8	1083.3	1038.2	993.7	950.0	908.8	864.9
90°	1186.3	1185.1	1178.3	1162.4	1123.2	1080.9	1039.2	993.3	947.9	906.9	864.0
92.5°	1188.8	1186.2	1176.9	1160.4	1124.8	1083.3	1038.2	993.7	950.0	908.8	864.9
95°	1177.7	1178.9	1175.0	1155.4	1120.0	1075.6	1030.6	988.6	947.3	905.9	861.8
97.5°	1174.7	1173.2	1165.9	1149.1	1112.3	1067.2	1023.1	980.1	940.0	897.8	854.3
100°	1161.8	1160.1	1151.6	1130.0	1095.4	1055.6	1014.8	974.1	931.4	886.5	842.3
102.5°	1141.6	1141.2	1137.2	1114.8	1080.1	1040.8	999.6	958.6	917.1	873.8	830.5
105°	1131.2	1127.3	1117.9	1096.1	1061.5	1021.8	978.6	938.5	898.6	856.5	814.2
107.5°	1108.5	1101.3	1088.9	1070.0	1037.7	996.6	956.3	915.9	875.0	834.6	793.5
110°	1084.6	1073.2	1056.4	1033.1	1001.6	967.4	931.5	891.4	849.4	808.7	766.6



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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°	1055.2	1039.7	1020.1	996.3	968.1	936.1	900.5	862.6	823.2	779.7	734.1
115°	1020.9	1004.4	983.7	958.9	930.3	899.1	865.8	830.0	789.5	746.4	699.5
117.5°	976.7	960.5	940.4	916.5	889.2	859.1	824.8	788.9	749.1	706.7	654.6
120°	927.1	914.0	891.9	868.1	840.5	809.7	776.3	741.3	700.9	654.1	604.3
122.5°	865.2	853.6	831.4	808.1	781.7	753.2	720.7	682.8	644.3	596.8	550.3
125°	779.4	772.2	753.2	732.6	708.1	680.5	650.3	616.5	577.5	537.3	497.2
127.5°	675.9	672.9	658.2	641.8	621.4	597.8	571.8	544.1	511.1	477.0	445.6
130°	564.4	565.4	557.1	546.8	532.5	514.3	492.7	471.2	447.7	420.4	392.9
132.5°	471.8	473.9	469.8	464.1	455.0	442.6	426.9	408.6	387.4	362.5	340.9
135°	409.3	410.3	406.9	401.9	394.0	383.1	368.9	353.7	334.5	315.2	294.8
137.5°	362.8	361.5	356.5	350.4	342.2	332.0	319.8	305.5	289.9	272.3	252.6
140°	316.2	314.4	309.5	303.7	296.1	286.8	275.6	262.5	248.4	233.9	218.3
142.5°	275.1	272.6	267.2	261.2	253.9	245.2	235.3	224.2	212.3	200.8	188.7
145°	232.2	230.0	225.5	220.5	214.5	207.5	199.6	190.8	181.3	172.6	163.9
147.5°	193.6	192.0	188.6	184.9	180.4	175.3	169.6	163.2	156.4	149.5	143.1
150°	161.8	160.7	158.3	155.6	152.4	148.6	144.4	139.8	134.9	129.6	125.7
152.5°	133.6	133.2	131.9	130.5	128.7	126.6	124.2	121.5	118.7	115.6	112.8
155°	114.0	114.0	113.4	112.6	111.6	110.4	108.9	107.3	105.6	103.7	101.8
157.5°	97.4	97.8	98.2	97.5	97.2	96.7	96.0	95.2	94.3	93.4	92.3
160°	83.3	84.0	84.7	84.4	84.4	84.2	83.9	83.4	82.9	82.2	81.5
162.5°	67.4	68.5	69.5	69.9	70.4	70.7	71.0	71.1	71.1	70.9	70.7
165°	55.8	56.8	57.8	58.4	59.1	59.6	60.1	60.4	60.6	60.6	60.6
167.5°	47.8	48.6	49.3	49.7	50.2	50.6	50.9	51.1	51.2	51.2	51.1
170°	39.8	40.4	40.9	41.5	41.4	41.6	41.8	41.8	41.8	41.7	41.5
172.5°	30.6	31.0	31.4	31.7	31.7	31.9	32.0	32.1	32.1	32.0	31.9
175°	22.7	22.9	23.1	23.4	23.6	23.2	23.1	23.0	22.8	22.6	22.4
177.5°	9.2	9.3	9.5	9.6	9.7	9.8	10.0	9.7	9.6	9.6	9.6
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	9.5	9.4	9.3	9.2	9.1	8.9	8.8	8.6	8.4	8.2	8.0
5°	22.1	21.7	21.3	20.9	20.4	19.9	19.3	18.7	18.0	17.3	16.6
7.5°	31.7	31.5	31.2	30.9	30.5	30.1	29.6	29.1	28.5	27.5	26.5
10°	41.2	40.9	40.4	39.9	39.3	38.6	37.9	37.2	36.4	35.5	34.6
12.5°	50.9	50.6	50.2	49.6	49.0	48.1	47.2	46.1	44.9	43.7	42.3
15°	60.4	60.0	59.6	59.0	58.2	57.4	56.4	55.3	54.1	52.6	50.9
17.5°	70.3	69.8	69.3	68.6	67.8	66.8	65.7	64.4	62.9	61.3	59.6
20°	80.8	80.1	79.4	78.5	77.6	76.6	75.3	73.8	72.1	70.2	68.2
22.5°	91.2	90.1	89.0	87.9	86.8	85.7	84.4	83.1	81.7	79.5	77.1
25°	100.3	98.8	97.4	96.0	94.6	93.5	92.4	91.4	89.8	88.2	86.7
27.5°	110.2	107.7	105.2	103.0	101.3	99.8	98.6	97.4	96.6	95.7	93.9
30°	121.8	117.8	114.0	110.8	108.0	105.3	103.7	102.3	102.3	103.2	103.9
32.5°	136.5	129.7	124.4	119.8	115.2	111.8	110.8	110.5	111.0	111.5	112.2
35°	154.7	145.8	138.1	130.4	125.6	123.7	121.4	120.7	120.0	120.1	120.5
37.5°	175.9	164.9	154.2	148.4	143.1	138.1	134.7	131.9	130.1	129.1	128.9
40°	202.4	188.8	179.2	171.2	163.4	156.2	150.2	144.9	141.4	138.9	137.8
42.5°	235.2	222.2	209.2	198.0	187.3	177.3	167.7	160.7	154.1	150.0	147.2
45°	277.3	259.0	243.1	227.4	213.6	200.2	188.9	177.5	169.5	162.3	157.5
47.5°	320.7	299.9	279.4	259.6	242.1	225.8	211.1	198.1	185.6	176.6	169.4
50°	364.7	340.3	316.7	294.1	272.9	252.8	234.9	219.0	204.8	191.9	181.9
52.5°	413.9	382.9	353.8	327.9	303.4	280.9	259.5	241.0	225.0	208.9	201.3
55°	460.8	426.2	392.9	361.3	333.7	308.0	284.2	263.7	249.4	237.3	228.1
57.5°	507.2	467.0	430.5	395.9	363.5	335.0	313.0	293.6	276.9	264.2	254.5
60°	552.3	506.8	465.2	427.9	396.3	367.5	342.1	321.3	304.0	290.1	279.6
62.5°	600.2	543.9	500.1	463.9	430.7	398.1	370.6	347.8	329.3	314.2	303.1
65°	643.6	588.4	536.3	497.5	462.7	429.1	397.3	371.6	352.6	337.6	326.3
67.5°	685.2	628.3	574.0	527.8	491.3	457.8	423.1	395.5	374.8	359.4	347.9
70°	718.3	662.5	607.1	554.7	516.7	483.0	448.9	417.4	394.8	379.4	368.2
72.5°	748.5	691.3	632.5	579.8	537.8	504.9	472.5	438.3	413.1	398.0	387.2
75°	769.8	717.7	654.4	598.5	554.6	523.7	490.4	453.9	428.2	413.1	403.6
77.5°	787.2	739.7	673.1	615.4	569.4	532.8	498.5	464.4	439.3	426.1	418.7
80°	800.0	753.9	693.5	630.9	580.6	540.8	504.9	471.7	447.6	437.6	432.7
82.5°	812.2	766.2	708.8	643.1	589.2	547.6	509.8	476.2	453.7	447.7	445.8
85°	820.7	775.7	718.9	651.7	595.1	552.9	512.9	478.6	458.3	456.9	458.4
87.5°	825.5	783.8	726.3	658.6	599.6	557.7	515.2	479.6	461.8	465.6	470.6
90°	826.6	783.7	724.3	658.1	599.3	558.2	514.1	478.6	465.1	474.3	482.9
92.5°	825.5	783.8	726.3	658.6	599.6	557.7	515.2	479.6	461.8	465.6	470.6
95°	820.7	775.7	718.9	651.7	595.1	552.9	512.9	478.6	458.3	456.9	458.4
97.5°	812.2	766.2	708.8	643.1	589.2	547.6	509.8	476.2	453.7	447.7	445.8
100°	800.0	753.9	693.5	630.9	580.6	540.8	504.9	471.7	447.6	437.6	432.7
102.5°	787.2	739.7	673.1	615.4	569.4	532.8	498.5	464.4	439.3	426.1	418.7
105°	769.8	717.7	654.4	598.5	554.6	523.7	490.4	453.9	428.2	413.1	403.6
107.5°	748.5	691.3	632.5	579.8	537.8	504.9	472.5	438.3	413.1	398.0	387.2
110°	718.3	662.5	607.1	554.7	516.7	483.0	448.9	417.4	394.8	379.4	368.2



TEST NUMBER: P231910

CATALOG NUMBER: FVS4WM-2-LD4-40-2LO-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°	685.2	628.3	574.0	527.8	491.3	457.8	423.1	395.5	374.8	359.4	347.9
115°	643.6	588.4	536.3	497.5	462.7	429.1	397.3	371.6	352.6	337.6	326.3
117.5°	600.2	543.9	500.1	463.9	430.7	398.1	370.6	347.8	329.3	314.2	303.1
120°	552.3	506.8	465.2	427.9	396.3	367.5	342.1	321.3	304.0	290.1	279.6
122.5°	507.2	467.0	430.5	395.9	363.5	335.0	313.0	293.6	276.9	264.2	254.5
125°	460.8	426.2	392.9	361.3	333.7	308.0	284.2	263.7	249.4	237.3	228.1
127.5°	413.9	382.9	353.8	327.9	303.4	280.9	259.5	241.0	225.0	208.9	201.3
130°	364.7	340.3	316.7	294.1	272.9	252.8	234.9	219.0	204.8	191.9	181.9
132.5°	320.7	299.9	279.4	259.6	242.1	225.8	211.1	198.1	185.6	176.6	169.4
135°	277.3	259.0	243.1	227.4	213.6	200.2	188.9	177.5	169.5	162.3	157.5
137.5°	235.2	222.2	209.2	198.0	187.3	177.3	167.7	160.7	154.1	150.0	147.2
140°	202.4	188.8	179.2	171.2	163.4	156.2	150.2	144.9	141.4	138.9	137.8
142.5°	175.9	164.9	154.2	148.4	143.1	138.1	134.7	131.9	130.1	129.1	128.9
145°	154.7	145.8	138.1	130.4	125.6	123.7	121.4	120.7	120.0	120.1	120.5
147.5°	136.5	129.7	124.4	119.8	115.2	111.8	110.8	110.5	111.0	111.5	112.2
150°	121.8	117.8	114.0	110.8	108.0	105.3	103.7	102.3	102.3	103.2	103.9
152.5°	110.2	107.7	105.2	103.0	101.3	99.8	98.6	97.4	96.6	95.7	93.9
155°	100.3	98.8	97.4	96.0	94.6	93.5	92.4	91.4	89.8	88.2	86.7
157.5°	91.2	90.1	89.0	87.9	86.8	85.7	84.4	83.1	81.7	79.5	77.1
160°	80.8	80.1	79.4	78.5	77.6	76.6	75.3	73.8	72.1	70.2	68.2
162.5°	70.3	69.8	69.3	68.6	67.8	66.8	65.7	64.4	62.9	61.3	59.6
165°	60.4	60.0	59.6	59.0	58.2	57.4	56.4	55.3	54.1	52.6	50.9
167.5°	50.9	50.6	50.2	49.6	49.0	48.1	47.2	46.1	44.9	43.7	42.3
170°	41.2	40.9	40.4	39.9	39.3	38.6	37.9	37.2	36.4	35.5	34.6
172.5°	31.7	31.5	31.2	30.9	30.5	30.1	29.6	29.1	28.5	27.5	26.5
175°	22.1	21.7	21.3	20.9	20.4	19.9	19.3	18.7	18.0	17.3	16.6
177.5°	9.5	9.4	9.3	9.2	9.1	8.9	8.8	8.6	8.4	8.2	8.0
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: P231910

CATALOG NUMBER: FVS4WM-2-LD4-40-2LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	7.7	7.5	7.2	6.9	6.6	6.3	6.0	5.6	5.3	5.0	4.6
5°	15.9	15.1	14.3	13.7	13.1	12.5	11.9	11.2	10.5	9.8	9.1
7.5°	25.4	24.2	23.0	21.7	20.4	19.1	17.7	16.7	15.7	14.7	13.6
10°	33.6	32.5	31.4	29.7	28.0	26.3	24.5	22.7	20.9	19.4	18.0
12.5°	41.0	39.7	38.2	36.7	35.1	33.2	31.0	28.8	26.6	24.3	22.4
15°	49.2	47.3	45.6	43.4	41.4	39.4	37.2	34.7	32.1	29.5	26.8
17.5°	58.0	55.4	53.1	50.6	48.1	45.6	43.0	40.3	37.4	34.5	31.5
20°	66.0	63.6	61.0	58.2	55.1	52.0	48.9	45.8	42.5	39.2	36.0
22.5°	74.5	71.8	68.9	65.8	62.4	58.8	55.1	51.4	47.6	43.8	40.3
25°	83.4	80.3	77.0	73.5	70.6	67.5	64.1	60.6	57.1	53.5	50.0
27.5°	93.0	91.1	88.5	85.7	82.6	79.4	75.9	72.0	68.2	64.4	60.5
30°	103.4	102.5	100.6	97.6	94.5	91.0	87.4	83.3	79.4	75.1	70.9
32.5°	112.9	112.5	111.5	109.3	106.0	102.5	98.6	94.4	90.0	85.6	81.2
35°	121.1	121.7	121.2	120.1	117.3	113.7	109.7	105.6	100.7	96.0	91.5
37.5°	129.3	129.8	130.3	129.5	128.6	124.6	120.6	116.1	111.3	106.3	101.6
40°	137.6	137.9	138.4	138.6	137.6	135.2	131.2	126.6	121.7	116.5	111.6
42.5°	145.9	146.0	146.4	146.9	146.5	145.6	141.6	137.0	132.0	126.7	121.5
45°	155.1	153.9	154.4	154.8	155.2	154.4	151.7	147.3	142.1	136.7	131.2
47.5°	164.0	162.6	162.2	162.7	163.2	164.0	164.2	160.7	155.5	149.2	142.5
50°	175.4	172.3	176.6	181.3	184.0	184.6	183.6	178.7	171.7	163.4	154.5
52.5°	197.7	199.0	203.6	207.5	208.9	206.6	203.5	197.5	188.8	178.1	167.1
55°	223.8	225.2	230.0	235.1	235.3	230.4	224.5	217.0	206.5	193.3	180.0
57.5°	249.2	249.3	255.7	262.3	262.3	255.9	246.5	237.2	224.7	209.2	193.3
60°	272.9	272.3	280.2	288.4	290.3	283.0	269.4	257.8	243.2	225.4	207.0
62.5°	296.7	296.0	303.1	314.0	319.2	311.3	293.5	278.8	262.1	242.0	220.9
65°	319.5	318.2	324.5	339.2	348.8	339.5	319.0	300.4	281.3	259.0	235.0
67.5°	340.7	339.3	344.7	363.1	374.7	367.5	345.4	322.4	300.8	276.2	249.2
70°	360.9	360.3	366.8	384.4	395.4	386.9	361.0	332.4	307.5	281.0	252.4
72.5°	379.8	377.8	382.4	393.3	400.5	391.5	365.2	334.8	309.0	282.4	253.7
75°	396.6	393.7	397.2	404.5	407.2	396.4	369.0	337.0	310.3	283.6	254.6
77.5°	413.0	409.4	412.2	417.7	415.1	401.5	372.3	338.9	311.2	284.5	255.3
80°	428.9	424.9	427.3	432.4	424.1	406.6	375.1	340.6	311.9	285.1	255.7
82.5°	444.5	440.4	442.5	448.3	433.6	411.5	377.5	341.9	312.2	285.3	256.6
85°	459.7	455.8	457.8	464.7	443.5	417.5	380.4	343.8	312.8	285.8	256.0
87.5°	474.8	471.1	473.2	481.6	453.6	420.8	380.7	343.8	312.1	285.1	255.5
90°	489.6	486.5	489.0	497.6	462.6	424.0	381.1	343.8	311.3	284.3	254.9
92.5°	474.8	471.1	473.2	481.6	453.6	420.8	380.7	343.8	312.1	285.1	255.5
95°	459.7	455.8	457.8	464.7	443.5	417.5	380.4	343.8	312.8	285.8	256.0
97.5°	444.5	440.4	442.5	448.3	433.6	411.5	377.5	341.9	312.2	285.3	256.6
100°	428.9	424.9	427.3	432.4	424.1	406.6	375.1	340.6	311.9	285.1	255.7
102.5°	413.0	409.4	412.2	417.7	415.1	401.5	372.3	338.9	311.2	284.5	255.3
105°	396.6	393.7	397.2	404.5	407.2	396.4	369.0	337.0	310.3	283.6	254.6
107.5°	379.8	377.8	382.4	393.3	400.5	391.5	365.2	334.8	309.0	282.4	253.7
110°	360.9	360.3	366.8	384.4	395.4	386.9	361.0	332.4	307.5	281.0	252.4



TEST NUMBER: P231910

CATALOG NUMBER: FVS4WM-2-LD4-40-2LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	340.7	339.3	344.7	363.1	374.7	367.5	345.4	322.4	300.8	276.2	249.2
115°	319.5	318.2	324.5	339.2	348.8	339.5	319.0	300.4	281.3	259.0	235.0
117.5°	296.7	296.0	303.1	314.0	319.2	311.3	293.5	278.8	262.1	242.0	220.9
120°	272.9	272.3	280.2	288.4	290.3	283.0	269.4	257.8	243.2	225.4	207.0
122.5°	249.2	249.3	255.7	262.3	262.3	255.9	246.5	237.2	224.7	209.2	193.3
125°	223.8	225.2	230.0	235.1	235.3	230.4	224.5	217.0	206.5	193.3	180.0
127.5°	197.7	199.0	203.6	207.5	208.9	206.6	203.5	197.5	188.8	178.1	167.1
130°	175.4	172.3	176.6	181.3	184.0	184.6	183.6	178.7	171.7	163.4	154.5
132.5°	164.0	162.6	162.2	162.7	163.2	164.0	164.2	160.7	155.5	149.2	142.5
135°	155.1	153.9	154.4	154.8	155.2	154.4	151.7	147.3	142.1	136.7	131.2
137.5°	145.9	146.0	146.4	146.9	146.5	145.6	141.6	137.0	132.0	126.7	121.5
140°	137.6	137.9	138.4	138.6	137.6	135.2	131.2	126.6	121.7	116.5	111.6
142.5°	129.3	129.8	130.3	129.5	128.6	124.6	120.6	116.1	111.3	106.3	101.6
145°	121.1	121.7	121.2	120.1	117.3	113.7	109.7	105.6	100.7	96.0	91.5
147.5°	112.9	112.5	111.5	109.3	106.0	102.5	98.6	94.4	90.0	85.6	81.2
150°	103.4	102.5	100.6	97.6	94.5	91.0	87.4	83.3	79.4	75.1	70.9
152.5°	93.0	91.1	88.5	85.7	82.6	79.4	75.9	72.0	68.2	64.4	60.5
155°	83.4	80.3	77.0	73.5	70.6	67.5	64.1	60.6	57.1	53.5	50.0
157.5°	74.5	71.8	68.9	65.8	62.4	58.8	55.1	51.4	47.6	43.8	40.3
160°	66.0	63.6	61.0	58.2	55.1	52.0	48.9	45.8	42.5	39.2	36.0
162.5°	58.0	55.4	53.1	50.6	48.1	45.6	43.0	40.3	37.4	34.5	31.5
165°	49.2	47.3	45.6	43.4	41.4	39.4	37.2	34.7	32.1	29.5	26.8
167.5°	41.0	39.7	38.2	36.7	35.1	33.2	31.0	28.8	26.6	24.3	22.4
170°	33.6	32.5	31.4	29.7	28.0	26.3	24.5	22.7	20.9	19.4	18.0
172.5°	25.4	24.2	23.0	21.7	20.4	19.1	17.7	16.7	15.7	14.7	13.6
175°	15.9	15.1	14.3	13.7	13.1	12.5	11.9	11.2	10.5	9.8	9.1
177.5°	7.7	7.5	7.2	6.9	6.6	6.3	6.0	5.6	5.3	5.0	4.6
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231910

CATALOG NUMBER: FVS4WM-2-LD4-40-2LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	4.2	3.8	3.5	3.1	3.1	3.0	3.0	3.0	2.9	2.9	2.8
5°	8.4	7.7	6.9	6.1	6.1	6.0	5.9	5.9	5.8	5.6	5.5
7.5°	12.5	11.5	10.3	9.2	9.1	8.9	8.8	8.6	8.5	8.3	8.1
10°	16.6	15.2	13.8	12.3	12.1	11.8	11.6	11.3	11.0	10.8	10.6
12.5°	20.7	18.9	17.2	15.3	15.0	14.7	14.3	13.9	13.6	13.4	13.2
15°	24.7	22.6	20.5	18.4	18.0	17.5	17.0	16.5	16.2	16.0	15.7
17.5°	28.7	26.3	23.9	21.5	20.9	20.2	19.6	19.2	18.9	18.5	18.2
20°	32.6	29.9	27.3	24.5	23.8	22.9	22.1	21.8	21.5	21.1	20.7
22.5°	36.7	33.5	30.6	27.6	26.6	25.6	24.8	24.4	24.0	23.6	23.1
25°	46.5	43.1	39.9	36.5	35.1	33.6	32.4	31.5	30.4	29.3	28.1
27.5°	56.7	52.8	49.2	45.4	43.6	41.6	40.2	38.9	37.5	36.1	34.5
30°	66.8	62.6	58.5	54.3	52.0	49.5	47.9	46.2	44.5	42.6	40.6
32.5°	76.8	72.4	67.9	63.2	60.4	57.5	55.5	53.4	51.2	48.8	46.4
35°	86.8	82.1	77.2	72.2	68.7	65.4	62.9	60.3	57.7	54.8	51.9
37.5°	96.8	91.9	86.6	81.1	77.0	73.3	70.3	67.2	64.1	60.5	57.2
40°	106.7	101.5	96.0	90.0	85.3	81.1	77.5	73.9	70.1	66.0	62.4
42.5°	116.5	111.2	105.3	98.9	93.5	88.8	84.7	80.4	76.0	71.5	67.3
45°	126.3	120.8	114.7	107.8	101.7	96.4	91.6	86.8	81.7	76.6	72.1
47.5°	135.9	129.1	121.9	113.9	106.5	100.3	94.8	89.5	84.3	79.6	75.0
50°	145.9	137.5	129.1	119.9	111.2	103.9	97.4	91.3	85.7	81.1	76.1
52.5°	156.2	146.1	136.3	126.0	115.8	107.4	99.9	93.1	87.1	82.7	77.6
55°	166.8	154.7	143.6	132.1	120.3	110.8	102.3	94.9	88.8	84.4	79.3
57.5°	177.7	163.4	151.0	138.1	124.8	114.1	104.7	96.7	90.6	86.2	81.3
60°	188.8	172.2	158.3	144.2	129.3	117.3	106.9	98.5	92.5	88.1	83.7
62.5°	200.1	181.0	165.7	150.3	133.7	120.5	109.1	100.3	94.4	90.2	86.2
65°	211.6	189.9	173.1	156.3	138.1	123.7	111.2	102.2	96.5	92.5	89.0
67.5°	223.2	198.9	180.5	162.4	142.5	126.8	113.3	104.0	98.6	95.0	92.0
70°	226.0	201.0	181.2	162.1	141.6	126.0	112.6	103.6	98.4	95.1	92.7
72.5°	227.9	202.9	182.0	161.7	140.7	125.1	111.7	102.9	97.6	94.2	91.9
75°	229.5	204.7	183.4	161.4	139.8	124.3	110.9	102.3	96.8	93.4	91.3
77.5°	231.0	206.5	183.9	161.0	139.0	123.5	110.2	101.7	96.0	92.5	90.7
80°	232.3	209.0	184.4	160.7	138.2	122.8	109.5	101.2	95.2	91.7	90.1
82.5°	234.1	210.4	184.9	160.3	137.4	122.2	109.0	100.8	94.4	91.0	89.6
85°	234.7	211.8	185.3	160.0	136.7	121.6	108.5	100.4	93.7	90.2	89.1
87.5°	235.3	213.1	185.8	159.6	136.0	121.1	108.1	100.1	93.1	89.6	88.6
90°	235.9	214.5	186.3	159.3	135.4	120.7	107.8	99.9	92.5	88.9	88.2
92.5°	235.3	213.1	185.8	159.6	136.0	121.1	108.1	100.1	93.1	89.6	88.6
95°	234.7	211.8	185.3	160.0	136.7	121.6	108.5	100.4	93.7	90.2	89.1
97.5°	234.1	210.4	184.9	160.3	137.4	122.2	109.0	100.8	94.4	91.0	89.6
100°	232.3	209.0	184.4	160.7	138.2	122.8	109.5	101.2	95.2	91.7	90.1
102.5°	231.0	206.5	183.9	161.0	139.0	123.5	110.2	101.7	96.0	92.5	90.7
105°	229.5	204.7	183.4	161.4	139.8	124.3	110.9	102.3	96.8	93.4	91.3
107.5°	227.9	202.9	182.0	161.7	140.7	125.1	111.7	102.9	97.6	94.2	91.9
110°	226.0	201.0	181.2	162.1	141.6	126.0	112.6	103.6	98.4	95.1	92.7



TEST NUMBER: P231910

CATALOG NUMBER: FVS4WM-2-LD4-40-2LO-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°	223.2	198.9	180.5	162.4	142.5	126.8	113.3	104.0	98.6	95.0	92.0
115°	211.6	189.9	173.1	156.3	138.1	123.7	111.2	102.2	96.5	92.5	89.0
117.5°	200.1	181.0	165.7	150.3	133.7	120.5	109.1	100.3	94.4	90.2	86.2
120°	188.8	172.2	158.3	144.2	129.3	117.3	106.9	98.5	92.5	88.1	83.7
122.5°	177.7	163.4	151.0	138.1	124.8	114.1	104.7	96.7	90.6	86.2	81.3
125°	166.8	154.7	143.6	132.1	120.3	110.8	102.3	94.9	88.8	84.4	79.3
127.5°	156.2	146.1	136.3	126.0	115.8	107.4	99.9	93.1	87.1	82.7	77.6
130°	145.9	137.5	129.1	119.9	111.2	103.9	97.4	91.3	85.7	81.1	76.1
132.5°	135.9	129.1	121.9	113.9	106.5	100.3	94.8	89.5	84.3	79.6	75.0
135°	126.3	120.8	114.7	107.8	101.7	96.4	91.6	86.8	81.7	76.6	72.1
137.5°	116.5	111.2	105.3	98.9	93.5	88.8	84.7	80.4	76.0	71.5	67.3
140°	106.7	101.5	96.0	90.0	85.3	81.1	77.5	73.9	70.1	66.0	62.4
142.5°	96.8	91.9	86.6	81.1	77.0	73.3	70.3	67.2	64.1	60.5	57.2
145°	86.8	82.1	77.2	72.2	68.7	65.4	62.9	60.3	57.7	54.8	51.9
147.5°	76.8	72.4	67.9	63.2	60.4	57.5	55.5	53.4	51.2	48.8	46.4
150°	66.8	62.6	58.5	54.3	52.0	49.5	47.9	46.2	44.5	42.6	40.6
152.5°	56.7	52.8	49.2	45.4	43.6	41.6	40.2	38.9	37.5	36.1	34.5
155°	46.5	43.1	39.9	36.5	35.1	33.6	32.4	31.5	30.4	29.3	28.1
157.5°	36.7	33.5	30.6	27.6	26.6	25.6	24.8	24.4	24.0	23.6	23.1
160°	32.6	29.9	27.3	24.5	23.8	22.9	22.1	21.8	21.5	21.1	20.7
162.5°	28.7	26.3	23.9	21.5	20.9	20.2	19.6	19.2	18.9	18.5	18.2
165°	24.7	22.6	20.5	18.4	18.0	17.5	17.0	16.5	16.2	16.0	15.7
167.5°	20.7	18.9	17.2	15.3	15.0	14.7	14.3	13.9	13.6	13.4	13.2
170°	16.6	15.2	13.8	12.3	12.1	11.8	11.6	11.3	11.0	10.8	10.6
172.5°	12.5	11.5	10.3	9.2	9.1	8.9	8.8	8.6	8.5	8.3	8.1
175°	8.4	7.7	6.9	6.1	6.1	6.0	5.9	5.9	5.8	5.6	5.5
177.5°	4.2	3.8	3.5	3.1	3.1	3.0	3.0	3.0	2.9	2.9	2.8
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: P231910

CATALOG NUMBER: FVS4WM-2-LD4-40-2LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	2.8	2.7	2.7	2.6	2.5	2.5	2.4	2.3	2.2	2.1	2.0
5°	5.4	5.3	5.1	5.0	4.8	4.7	4.6	4.4	4.2	4.1	3.9
7.5°	7.9	7.7	7.5	7.4	7.2	7.0	6.7	6.5	6.3	6.0	5.8
10°	10.4	10.2	10.0	9.7	9.5	9.2	8.9	8.6	8.3	7.9	7.6
12.5°	12.9	12.6	12.3	12.0	11.7	11.3	11.0	10.6	10.2	9.8	9.3
15°	15.4	15.0	14.7	14.3	13.9	13.5	13.0	12.5	12.1	11.6	11.0
17.5°	17.8	17.4	17.0	16.5	16.0	15.5	15.0	14.5	13.9	13.3	12.7
20°	20.2	19.7	19.2	18.7	18.1	17.6	17.0	16.3	15.7	15.0	14.3
22.5°	22.6	22.0	21.5	20.9	20.2	19.6	18.9	18.2	17.4	16.7	15.9
25°	26.9	25.6	24.3	23.0	22.3	21.5	20.8	20.0	19.1	18.3	17.4
27.5°	32.9	31.3	29.7	28.1	26.4	24.7	23.2	21.7	20.7	19.8	18.9
30°	38.6	36.7	34.8	32.7	30.6	28.6	26.7	24.9	23.2	21.7	20.2
32.5°	44.0	41.8	39.3	36.7	34.2	31.8	29.6	27.6	25.7	23.8	21.9
35°	49.2	46.5	43.3	40.2	37.2	34.6	32.2	29.9	27.6	25.6	23.8
37.5°	54.2	50.5	46.7	43.2	39.9	37.0	34.3	31.7	29.3	27.2	25.2
40°	58.7	54.2	49.9	45.8	42.3	39.0	36.1	33.3	30.8	28.5	26.5
42.5°	62.6	57.4	52.6	48.2	44.3	40.9	37.6	34.6	32.0	29.7	27.6
45°	66.2	60.4	54.9	50.3	46.2	42.5	39.0	35.8	33.1	30.8	28.6
47.5°	68.9	63.0	57.3	52.2	47.9	43.9	40.0	36.9	34.2	31.7	29.3
50°	70.3	64.6	59.3	54.3	49.8	45.1	41.2	37.9	35.1	32.4	29.8
52.5°	72.0	66.6	61.4	56.6	51.9	47.3	43.5	39.7	35.9	33.0	30.1
55°	74.2	69.0	63.8	59.0	54.3	50.2	46.5	42.9	38.7	34.6	30.5
57.5°	76.6	71.5	66.4	61.6	56.8	53.4	50.0	46.0	41.5	36.9	32.6
60°	79.3	74.2	69.1	64.3	60.1	56.9	53.6	48.9	44.0	39.2	34.6
62.5°	82.2	77.0	72.0	67.2	63.7	60.7	57.0	51.8	46.4	41.3	36.4
65°	85.1	80.0	75.0	70.3	67.5	64.7	60.2	54.5	48.7	43.3	38.0
67.5°	88.2	83.1	78.2	73.8	71.6	68.8	63.4	57.1	51.1	45.2	39.6
70°	89.4	85.0	80.7	77.5	75.7	72.7	66.6	59.7	53.4	46.9	41.3
72.5°	88.8	84.8	80.8	78.0	76.3	73.2	67.8	61.6	55.6	48.6	42.8
75°	88.3	84.7	81.0	78.4	76.4	72.8	67.4	61.5	55.2	49.0	43.7
77.5°	88.1	84.8	81.3	78.8	76.4	72.5	67.4	61.6	55.1	49.1	44.0
80°	87.9	85.1	81.8	79.2	76.5	72.5	67.7	61.8	55.2	49.5	44.5
82.5°	87.9	85.4	82.4	79.6	76.6	72.7	68.2	62.3	55.6	50.1	45.3
85°	88.0	85.9	83.1	80.0	76.7	73.0	69.0	63.0	56.2	50.9	46.3
87.5°	88.1	86.4	83.8	80.4	76.9	73.5	70.0	63.9	57.1	52.0	47.6
90°	88.2	87.0	84.6	80.9	77.2	74.1	71.1	65.0	58.2	53.3	49.0
92.5°	88.1	86.4	83.8	80.4	76.9	73.5	70.0	63.9	57.1	52.0	47.6
95°	88.0	85.9	83.1	80.0	76.7	73.0	69.0	63.0	56.2	50.9	46.3
97.5°	87.9	85.4	82.4	79.6	76.6	72.7	68.2	62.3	55.6	50.1	45.3
100°	87.9	85.1	81.8	79.2	76.5	72.5	67.7	61.8	55.2	49.5	44.5
102.5°	88.1	84.8	81.3	78.8	76.4	72.5	67.4	61.6	55.1	49.1	44.0
105°	88.3	84.7	81.0	78.4	76.4	72.8	67.4	61.5	55.2	49.0	43.7
107.5°	88.8	84.8	80.8	78.0	76.3	73.2	67.8	61.6	55.6	48.6	42.8
110°	89.4	85.0	80.7	77.5	75.7	72.7	66.6	59.7	53.4	46.9	41.3



TEST NUMBER: P231910

CATALOG NUMBER: FVS4WM-2-LD4-40-2LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	88.2	83.1	78.2	73.8	71.6	68.8	63.4	57.1	51.1	45.2	39.6
115°	85.1	80.0	75.0	70.3	67.5	64.7	60.2	54.5	48.7	43.3	38.0
117.5°	82.2	77.0	72.0	67.2	63.7	60.7	57.0	51.8	46.4	41.3	36.4
120°	79.3	74.2	69.1	64.3	60.1	56.9	53.6	48.9	44.0	39.2	34.6
122.5°	76.6	71.5	66.4	61.6	56.8	53.4	50.0	46.0	41.5	36.9	32.6
125°	74.2	69.0	63.8	59.0	54.3	50.2	46.5	42.9	38.7	34.6	30.5
127.5°	72.0	66.6	61.4	56.6	51.9	47.3	43.5	39.7	35.9	33.0	30.1
130°	70.3	64.6	59.3	54.3	49.8	45.1	41.2	37.9	35.1	32.4	29.8
132.5°	68.9	63.0	57.3	52.2	47.9	43.9	40.0	36.9	34.2	31.7	29.3
135°	66.2	60.4	54.9	50.3	46.2	42.5	39.0	35.8	33.1	30.8	28.6
137.5°	62.6	57.4	52.6	48.2	44.3	40.9	37.6	34.6	32.0	29.7	27.6
140°	58.7	54.2	49.9	45.8	42.3	39.0	36.1	33.3	30.8	28.5	26.5
142.5°	54.2	50.5	46.7	43.2	39.9	37.0	34.3	31.7	29.3	27.2	25.2
145°	49.2	46.5	43.3	40.2	37.2	34.6	32.2	29.9	27.6	25.6	23.8
147.5°	44.0	41.8	39.3	36.7	34.2	31.8	29.6	27.6	25.7	23.8	21.9
150°	38.6	36.7	34.8	32.7	30.6	28.6	26.7	24.9	23.2	21.7	20.2
152.5°	32.9	31.3	29.7	28.1	26.4	24.7	23.2	21.7	20.7	19.8	18.9
155°	26.9	25.6	24.3	23.0	22.3	21.5	20.8	20.0	19.1	18.3	17.4
157.5°	22.6	22.0	21.5	20.9	20.2	19.6	18.9	18.2	17.4	16.7	15.9
160°	20.2	19.7	19.2	18.7	18.1	17.6	17.0	16.3	15.7	15.0	14.3
162.5°	17.8	17.4	17.0	16.5	16.0	15.5	15.0	14.5	13.9	13.3	12.7
165°	15.4	15.0	14.7	14.3	13.9	13.5	13.0	12.5	12.1	11.6	11.0
167.5°	12.9	12.6	12.3	12.0	11.7	11.3	11.0	10.6	10.2	9.8	9.3
170°	10.4	10.2	10.0	9.7	9.5	9.2	8.9	8.6	8.3	7.9	7.6
172.5°	7.9	7.7	7.5	7.4	7.2	7.0	6.7	6.5	6.3	6.0	5.8
175°	5.4	5.3	5.1	5.0	4.8	4.7	4.6	4.4	4.2	4.1	3.9
177.5°	2.8	2.7	2.7	2.6	2.5	2.5	2.4	2.3	2.2	2.1	2.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231910

CATALOG NUMBER: FVS4WM-2-LD4-40-2LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.2	1.1	1.0	0.8
5°	3.7	3.5	3.4	3.2	3.0	2.7	2.5	2.3	2.1	1.9	1.6
7.5°	5.5	5.2	4.9	4.6	4.3	4.0	3.7	3.4	3.1	2.8	2.4
10°	7.2	6.9	6.5	6.1	5.7	5.3	4.9	4.5	4.0	3.6	3.2
12.5°	8.9	8.4	8.0	7.5	7.0	6.5	6.0	5.5	4.9	4.4	3.9
15°	10.5	10.0	9.4	8.8	8.3	7.7	7.1	6.4	5.8	5.2	4.6
17.5°	12.1	11.5	10.8	10.1	9.5	8.8	8.1	7.4	6.7	5.9	5.2
20°	13.6	12.9	12.2	11.4	10.6	9.8	9.1	8.3	7.5	6.7	5.8
22.5°	15.1	14.3	13.4	12.6	11.8	10.9	10.0	9.1	8.2	7.3	6.4
25°	16.5	15.6	14.7	13.8	12.7	11.7	10.7	9.7	8.8	7.8	6.8
27.5°	17.9	16.8	15.7	14.6	13.5	12.5	11.5	10.5	9.5	8.4	7.4
30°	19.0	17.7	16.7	15.6	14.6	13.5	12.4	11.3	10.2	9.1	8.0
32.5°	20.4	19.0	17.8	16.7	15.6	14.4	13.2	12.1	10.9	9.7	8.5
35°	22.1	20.5	19.1	17.8	16.5	15.3	14.1	12.8	11.5	10.3	9.0
37.5°	23.5	21.9	20.3	18.9	17.5	16.2	14.9	13.5	12.2	10.8	9.5
40°	24.7	23.0	21.4	19.8	18.4	17.0	15.6	14.2	12.8	11.4	10.0
42.5°	25.7	23.9	22.1	20.5	18.9	17.6	16.3	14.9	13.4	11.9	10.4
45°	26.5	24.5	22.6	20.9	19.3	17.9	16.7	15.5	13.9	12.2	10.5
47.5°	27.0	24.9	22.9	21.1	19.5	18.1	16.7	15.3	14.0	12.2	10.5
50°	27.3	25.1	23.0	21.2	19.5	17.9	16.3	14.9	13.6	12.5	10.9
52.5°	27.5	25.0	23.0	21.1	19.3	17.6	16.1	14.8	13.7	12.4	10.9
55°	27.5	25.1	22.9	20.8	19.0	17.4	16.2	14.8	13.3	11.9	10.6
57.5°	28.7	25.1	22.7	20.7	18.9	17.6	16.1	14.4	13.1	11.7	10.4
60°	30.4	26.7	23.4	20.6	19.2	17.5	15.8	14.6	13.2	11.8	10.4
62.5°	32.0	28.1	24.7	22.0	19.5	17.4	16.2	14.8	13.3	11.7	10.1
65°	33.5	29.5	26.0	23.0	20.2	18.3	16.6	15.0	13.3	11.5	9.7
67.5°	34.9	30.8	27.1	23.9	21.2	19.1	17.0	15.2	13.3	11.2	9.3
70°	36.3	31.9	28.0	24.7	22.0	19.5	17.3	15.1	13.0	10.9	8.8
72.5°	37.7	32.9	28.9	25.5	22.5	19.8	17.3	14.7	12.4	10.4	8.4
75°	38.8	33.9	29.9	26.2	23.0	20.0	17.0	14.2	11.7	9.6	7.3
77.5°	39.1	34.4	30.4	26.7	23.4	20.1	16.6	13.7	11.0	8.4	6.2
80°	39.6	35.0	30.8	27.0	23.4	19.9	16.4	13.2	10.3	7.5	5.0
82.5°	40.3	35.8	31.4	27.3	23.6	19.7	16.2	12.8	9.6	6.5	3.9
85°	41.4	36.7	32.1	27.8	23.9	19.8	16.3	12.6	9.0	5.7	3.2
87.5°	42.6	37.8	33.1	28.5	24.4	20.2	16.6	12.6	8.6	5.1	2.7
90°	44.1	39.2	34.3	29.4	25.1	20.8	17.2	12.9	8.6	4.9	2.5
92.5°	42.6	37.8	33.1	28.5	24.4	20.2	16.6	12.6	8.6	5.1	2.7
95°	41.4	36.7	32.1	27.8	23.9	19.8	16.3	12.6	9.0	5.7	3.2
97.5°	40.3	35.8	31.4	27.3	23.6	19.7	16.2	12.8	9.6	6.5	3.9
100°	39.6	35.0	30.8	27.0	23.4	19.9	16.4	13.2	10.3	7.5	5.0
102.5°	39.1	34.4	30.4	26.7	23.4	20.1	16.6	13.7	11.0	8.4	6.2
105°	38.8	33.9	29.9	26.2	23.0	20.0	17.0	14.2	11.7	9.6	7.3
107.5°	37.7	32.9	28.9	25.5	22.5	19.8	17.3	14.7	12.4	10.4	8.4
110°	36.3	31.9	28.0	24.7	22.0	19.5	17.3	15.1	13.0	10.9	8.8



TEST NUMBER: P231910

CATALOG NUMBER: FVS4WM-2-LD4-40-2LO-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°	34.9	30.8	27.1	23.9	21.2	19.1	17.0	15.2	13.3	11.2	9.3
115°	33.5	29.5	26.0	23.0	20.2	18.3	16.6	15.0	13.3	11.5	9.7
117.5°	32.0	28.1	24.7	22.0	19.5	17.4	16.2	14.8	13.3	11.7	10.1
120°	30.4	26.7	23.4	20.6	19.2	17.5	15.8	14.6	13.2	11.8	10.4
122.5°	28.7	25.1	22.7	20.7	18.9	17.6	16.1	14.4	13.1	11.7	10.4
125°	27.5	25.1	22.9	20.8	19.0	17.4	16.2	14.8	13.3	11.9	10.6
127.5°	27.5	25.0	23.0	21.1	19.3	17.6	16.1	14.8	13.7	12.4	10.9
130°	27.3	25.1	23.0	21.2	19.5	17.9	16.3	14.9	13.6	12.5	10.9
132.5°	27.0	24.9	22.9	21.1	19.5	18.1	16.7	15.3	14.0	12.2	10.5
135°	26.5	24.5	22.6	20.9	19.3	17.9	16.7	15.5	13.9	12.2	10.5
137.5°	25.7	23.9	22.1	20.5	18.9	17.6	16.3	14.9	13.4	11.9	10.4
140°	24.7	23.0	21.4	19.8	18.4	17.0	15.6	14.2	12.8	11.4	10.0
142.5°	23.5	21.9	20.3	18.9	17.5	16.2	14.9	13.5	12.2	10.8	9.5
145°	22.1	20.5	19.1	17.8	16.5	15.3	14.1	12.8	11.5	10.3	9.0
147.5°	20.4	19.0	17.8	16.7	15.6	14.4	13.2	12.1	10.9	9.7	8.5
150°	19.0	17.7	16.7	15.6	14.6	13.5	12.4	11.3	10.2	9.1	8.0
152.5°	17.9	16.8	15.7	14.6	13.5	12.5	11.5	10.5	9.5	8.4	7.4
155°	16.5	15.6	14.7	13.8	12.7	11.7	10.7	9.7	8.8	7.8	6.8
157.5°	15.1	14.3	13.4	12.6	11.8	10.9	10.0	9.1	8.2	7.3	6.4
160°	13.6	12.9	12.2	11.4	10.6	9.8	9.1	8.3	7.5	6.7	5.8
162.5°	12.1	11.5	10.8	10.1	9.5	8.8	8.1	7.4	6.7	5.9	5.2
165°	10.5	10.0	9.4	8.8	8.3	7.7	7.1	6.4	5.8	5.2	4.6
167.5°	8.9	8.4	8.0	7.5	7.0	6.5	6.0	5.5	4.9	4.4	3.9
170°	7.2	6.9	6.5	6.1	5.7	5.3	4.9	4.5	4.0	3.6	3.2
172.5°	5.5	5.2	4.9	4.6	4.3	4.0	3.7	3.4	3.1	2.8	2.4
175°	3.7	3.5	3.4	3.2	3.0	2.7	2.5	2.3	2.1	1.9	1.6
177.5°	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.2	1.1	1.0	0.8
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: P231910

CATALOG NUMBER: FVS4WM-2-LD4-40-2LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	0.7	0.6	0.5	0.4	0.2	0.1	0.0	0.1	0.2	0.4	0.5
5°	1.4	1.2	0.9	0.7	0.5	0.2	0.0	0.2	0.5	0.7	0.9
7.5°	2.1	1.7	1.4	1.0	0.7	0.3	0.0	0.3	0.7	1.0	1.4
10°	2.7	2.3	1.8	1.4	0.9	0.5	0.0	0.5	0.9	1.4	1.8
12.5°	3.3	2.8	2.2	1.7	1.1	0.6	0.0	0.6	1.1	1.7	2.2
15°	3.9	3.3	2.6	2.0	1.3	0.7	0.0	0.7	1.3	2.0	2.6
17.5°	4.5	3.7	3.0	2.2	1.5	0.7	0.0	0.7	1.5	2.2	3.0
20°	5.0	4.2	3.4	2.5	1.7	0.8	0.0	0.8	1.7	2.5	3.4
22.5°	5.4	4.5	3.6	2.7	1.8	0.9	0.0	0.9	1.8	2.7	3.6
25°	5.9	4.9	3.9	2.9	2.0	1.0	0.0	1.0	2.0	2.9	3.9
27.5°	6.4	5.3	4.2	3.2	2.1	1.1	0.0	1.1	2.1	3.2	4.2
30°	6.8	5.7	4.6	3.4	2.3	1.1	0.0	1.1	2.3	3.4	4.6
32.5°	7.3	6.1	4.9	3.6	2.4	1.2	0.0	1.2	2.4	3.6	4.9
35°	7.7	6.4	5.1	3.9	2.6	1.3	0.0	1.3	2.6	3.9	5.1
37.5°	8.1	6.8	5.4	4.1	2.7	1.4	0.0	1.4	2.7	4.1	5.4
40°	8.5	7.1	5.7	4.3	2.9	1.4	0.0	1.4	2.9	4.3	5.7
42.5°	8.9	7.3	5.8	4.3	2.9	1.4	0.0	1.4	2.9	4.3	5.8
45°	8.9	7.4	5.8	4.3	2.9	1.4	0.0	1.4	2.9	4.3	5.8
47.5°	9.0	7.5	6.0	4.5	3.0	1.5	0.0	1.5	3.0	4.5	6.0
50°	9.3	7.6	6.0	4.4	2.9	1.5	0.0	1.5	2.9	4.4	6.0
52.5°	9.1	7.4	5.9	4.3	2.9	1.4	0.0	1.4	2.9	4.3	5.9
55°	8.9	7.4	5.9	4.4	2.9	1.5	0.0	1.5	2.9	4.4	5.9
57.5°	9.1	7.5	5.9	4.5	3.2	1.9	0.6	1.9	3.2	4.5	5.9
60°	8.8	7.3	5.7	4.3	3.0	1.8	0.6	1.8	3.0	4.3	5.7
62.5°	8.4	6.7	5.3	3.9	2.8	1.7	0.6	1.7	2.8	3.9	5.3
65°	7.9	6.2	4.6	3.3	2.2	1.4	0.6	1.4	2.2	3.3	4.6
67.5°	7.3	5.4	3.5	2.5	1.7	1.1	0.6	1.1	1.7	2.5	3.5
70°	6.7	4.7	2.9	1.7	1.1	0.8	0.6	0.8	1.1	1.7	2.9
72.5°	6.0	4.0	2.3	1.0	0.7	0.6	0.6	0.6	0.7	1.0	2.3
75°	5.5	3.6	2.0	0.9	0.6	0.6	0.6	0.6	0.6	0.9	2.0
77.5°	4.5	3.1	1.5	0.7	0.2	0.1	0.0	0.1	0.2	0.7	1.5
80°	3.2	1.7	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
82.5°	1.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	1.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	3.2	1.7	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
102.5°	4.5	3.1	1.5	0.7	0.2	0.1	0.0	0.1	0.2	0.7	1.5
105°	5.5	3.6	2.0	0.9	0.6	0.6	0.6	0.6	0.6	0.9	2.0
107.5°	6.0	4.0	2.3	1.0	0.7	0.6	0.6	0.6	0.7	1.0	2.3
110°	6.7	4.7	2.9	1.7	1.1	0.8	0.6	0.8	1.1	1.7	2.9



TEST NUMBER: P231910

CATALOG NUMBER: FVS4WM-2-LD4-40-2LO-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	5.4	3.5	2.5	1.7	1.1	0.6	1.1	1.7	2.5	3.5
115°	7.9	6.2	4.6	3.3	2.2	1.4	0.6	1.4	2.2	3.3	4.6
117.5°	8.4	6.7	5.3	3.9	2.8	1.7	0.6	1.7	2.8	3.9	5.3
120°	8.8	7.3	5.7	4.3	3.0	1.8	0.6	1.8	3.0	4.3	5.7
122.5°	9.1	7.5	5.9	4.5	3.2	1.9	0.6	1.9	3.2	4.5	5.9
125°	8.9	7.4	5.9	4.4	2.9	1.5	0.0	1.5	2.9	4.4	5.9
127.5°	9.1	7.4	5.9	4.3	2.9	1.4	0.0	1.4	2.9	4.3	5.9
130°	9.3	7.6	6.0	4.4	2.9	1.5	0.0	1.5	2.9	4.4	6.0
132.5°	9.0	7.5	6.0	4.5	3.0	1.5	0.0	1.5	3.0	4.5	6.0
135°	8.9	7.4	5.8	4.3	2.9	1.4	0.0	1.4	2.9	4.3	5.8
137.5°	8.9	7.3	5.8	4.3	2.9	1.4	0.0	1.4	2.9	4.3	5.8
140°	8.5	7.1	5.7	4.3	2.9	1.4	0.0	1.4	2.9	4.3	5.7
142.5°	8.1	6.8	5.4	4.1	2.7	1.4	0.0	1.4	2.7	4.1	5.4
145°	7.7	6.4	5.1	3.9	2.6	1.3	0.0	1.3	2.6	3.9	5.1
147.5°	7.3	6.1	4.9	3.6	2.4	1.2	0.0	1.2	2.4	3.6	4.9
150°	6.8	5.7	4.6	3.4	2.3	1.1	0.0	1.1	2.3	3.4	4.6
152.5°	6.4	5.3	4.2	3.2	2.1	1.1	0.0	1.1	2.1	3.2	4.2
155°	5.9	4.9	3.9	2.9	2.0	1.0	0.0	1.0	2.0	2.9	3.9
157.5°	5.4	4.5	3.6	2.7	1.8	0.9	0.0	0.9	1.8	2.7	3.6
160°	5.0	4.2	3.4	2.5	1.7	0.8	0.0	0.8	1.7	2.5	3.4
162.5°	4.5	3.7	3.0	2.2	1.5	0.7	0.0	0.7	1.5	2.2	3.0
165°	3.9	3.3	2.6	2.0	1.3	0.7	0.0	0.7	1.3	2.0	2.6
167.5°	3.3	2.8	2.2	1.7	1.1	0.6	0.0	0.6	1.1	1.7	2.2
170°	2.7	2.3	1.8	1.4	0.9	0.5	0.0	0.5	0.9	1.4	1.8
172.5°	2.1	1.7	1.4	1.0	0.7	0.3	0.0	0.3	0.7	1.0	1.4
175°	1.4	1.2	0.9	0.7	0.5	0.2	0.0	0.2	0.5	0.7	0.9
177.5°	0.7	0.6	0.5	0.4	0.2	0.1	0.0	0.1	0.2	0.4	0.5
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: P231910

CATALOG NUMBER: FVS4WM-2-LD4-40-2LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	0.6	0.7	0.8	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7
5°	1.2	1.4	1.6	1.9	2.1	2.3	2.5	2.7	3.0	3.2	3.4
7.5°	1.7	2.1	2.4	2.8	3.1	3.4	3.7	4.0	4.3	4.6	4.9
10°	2.3	2.7	3.2	3.6	4.0	4.5	4.9	5.3	5.7	6.1	6.5
12.5°	2.8	3.3	3.9	4.4	4.9	5.5	6.0	6.5	7.0	7.5	8.0
15°	3.3	3.9	4.6	5.2	5.8	6.4	7.1	7.7	8.3	8.8	9.4
17.5°	3.7	4.5	5.2	5.9	6.7	7.4	8.1	8.8	9.5	10.1	10.8
20°	4.2	5.0	5.8	6.7	7.5	8.3	9.1	9.8	10.6	11.4	12.2
22.5°	4.5	5.4	6.4	7.3	8.2	9.1	10.0	10.9	11.8	12.6	13.4
25°	4.9	5.9	6.8	7.8	8.8	9.7	10.7	11.7	12.7	13.8	14.7
27.5°	5.3	6.4	7.4	8.4	9.5	10.5	11.5	12.5	13.5	14.6	15.7
30°	5.7	6.8	8.0	9.1	10.2	11.3	12.4	13.5	14.6	15.6	16.7
32.5°	6.1	7.3	8.5	9.7	10.9	12.1	13.2	14.4	15.6	16.7	17.8
35°	6.4	7.7	9.0	10.3	11.5	12.8	14.1	15.3	16.5	17.8	19.1
37.5°	6.8	8.1	9.5	10.8	12.2	13.5	14.9	16.2	17.5	18.9	20.3
40°	7.1	8.5	10.0	11.4	12.8	14.2	15.6	17.0	18.4	19.8	21.4
42.5°	7.3	8.9	10.4	11.9	13.4	14.9	16.3	17.6	18.9	20.5	22.1
45°	7.4	8.9	10.5	12.2	13.9	15.5	16.7	17.9	19.3	20.9	22.6
47.5°	7.5	9.0	10.5	12.2	14.0	15.3	16.7	18.1	19.5	21.1	22.9
50°	7.6	9.3	10.9	12.5	13.6	14.9	16.3	17.9	19.5	21.2	23.0
52.5°	7.4	9.1	10.9	12.4	13.7	14.8	16.1	17.6	19.3	21.1	23.0
55°	7.4	8.9	10.6	11.9	13.3	14.8	16.2	17.4	19.0	20.8	22.9
57.5°	7.5	9.1	10.4	11.7	13.1	14.4	16.1	17.6	18.9	20.7	22.7
60°	7.3	8.8	10.4	11.8	13.2	14.6	15.8	17.5	19.2	20.6	23.4
62.5°	6.7	8.4	10.1	11.7	13.3	14.8	16.2	17.4	19.5	22.0	24.7
65°	6.2	7.9	9.7	11.5	13.3	15.0	16.6	18.3	20.2	23.0	26.0
67.5°	5.4	7.3	9.3	11.2	13.3	15.2	17.0	19.1	21.2	23.9	27.1
70°	4.7	6.7	8.8	10.9	13.0	15.1	17.3	19.5	22.0	24.7	28.0
72.5°	4.0	6.0	8.4	10.4	12.4	14.7	17.3	19.8	22.5	25.5	28.9
75°	3.6	5.5	7.3	9.6	11.7	14.2	17.0	20.0	23.0	26.2	29.9
77.5°	3.1	4.5	6.2	8.4	11.0	13.7	16.6	20.1	23.4	26.7	30.4
80°	1.7	3.2	5.0	7.5	10.3	13.2	16.4	19.9	23.4	27.0	30.8
82.5°	0.4	1.9	3.9	6.5	9.6	12.8	16.2	19.7	23.6	27.3	31.4
85°	0.0	0.8	3.2	5.7	9.0	12.6	16.3	19.8	23.9	27.8	32.1
87.5°	0.0	0.2	2.7	5.1	8.6	12.6	16.6	20.2	24.4	28.5	33.1
90°	0.0	0.0	2.5	4.9	8.6	12.9	17.2	20.8	25.1	29.4	34.3
92.5°	0.0	0.2	2.7	5.1	8.6	12.6	16.6	20.2	24.4	28.5	33.1
95°	0.0	0.8	3.2	5.7	9.0	12.6	16.3	19.8	23.9	27.8	32.1
97.5°	0.4	1.9	3.9	6.5	9.6	12.8	16.2	19.7	23.6	27.3	31.4
100°	1.7	3.2	5.0	7.5	10.3	13.2	16.4	19.9	23.4	27.0	30.8
102.5°	3.1	4.5	6.2	8.4	11.0	13.7	16.6	20.1	23.4	26.7	30.4
105°	3.6	5.5	7.3	9.6	11.7	14.2	17.0	20.0	23.0	26.2	29.9
107.5°	4.0	6.0	8.4	10.4	12.4	14.7	17.3	19.8	22.5	25.5	28.9
110°	4.7	6.7	8.8	10.9	13.0	15.1	17.3	19.5	22.0	24.7	28.0



TEST NUMBER: P231910

CATALOG NUMBER: FVS4WM-2-LD4-40-2LO-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°	5.4	7.3	9.3	11.2	13.3	15.2	17.0	19.1	21.2	23.9	27.1
115°	6.2	7.9	9.7	11.5	13.3	15.0	16.6	18.3	20.2	23.0	26.0
117.5°	6.7	8.4	10.1	11.7	13.3	14.8	16.2	17.4	19.5	22.0	24.7
120°	7.3	8.8	10.4	11.8	13.2	14.6	15.8	17.5	19.2	20.6	23.4
122.5°	7.5	9.1	10.4	11.7	13.1	14.4	16.1	17.6	18.9	20.7	22.7
125°	7.4	8.9	10.6	11.9	13.3	14.8	16.2	17.4	19.0	20.8	22.9
127.5°	7.4	9.1	10.9	12.4	13.7	14.8	16.1	17.6	19.3	21.1	23.0
130°	7.6	9.3	10.9	12.5	13.6	14.9	16.3	17.9	19.5	21.2	23.0
132.5°	7.5	9.0	10.5	12.2	14.0	15.3	16.7	18.1	19.5	21.1	22.9
135°	7.4	8.9	10.5	12.2	13.9	15.5	16.7	17.9	19.3	20.9	22.6
137.5°	7.3	8.9	10.4	11.9	13.4	14.9	16.3	17.6	18.9	20.5	22.1
140°	7.1	8.5	10.0	11.4	12.8	14.2	15.6	17.0	18.4	19.8	21.4
142.5°	6.8	8.1	9.5	10.8	12.2	13.5	14.9	16.2	17.5	18.9	20.3
145°	6.4	7.7	9.0	10.3	11.5	12.8	14.1	15.3	16.5	17.8	19.1
147.5°	6.1	7.3	8.5	9.7	10.9	12.1	13.2	14.4	15.6	16.7	17.8
150°	5.7	6.8	8.0	9.1	10.2	11.3	12.4	13.5	14.6	15.6	16.7
152.5°	5.3	6.4	7.4	8.4	9.5	10.5	11.5	12.5	13.5	14.6	15.7
155°	4.9	5.9	6.8	7.8	8.8	9.7	10.7	11.7	12.7	13.8	14.7
157.5°	4.5	5.4	6.4	7.3	8.2	9.1	10.0	10.9	11.8	12.6	13.4
160°	4.2	5.0	5.8	6.7	7.5	8.3	9.1	9.8	10.6	11.4	12.2
162.5°	3.7	4.5	5.2	5.9	6.7	7.4	8.1	8.8	9.5	10.1	10.8
165°	3.3	3.9	4.6	5.2	5.8	6.4	7.1	7.7	8.3	8.8	9.4
167.5°	2.8	3.3	3.9	4.4	4.9	5.5	6.0	6.5	7.0	7.5	8.0
170°	2.3	2.7	3.2	3.6	4.0	4.5	4.9	5.3	5.7	6.1	6.5
172.5°	1.7	2.1	2.4	2.8	3.1	3.4	3.7	4.0	4.3	4.6	4.9
175°	1.2	1.4	1.6	1.9	2.1	2.3	2.5	2.7	3.0	3.2	3.4
177.5°	0.6	0.7	0.8	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7
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: P231910

CATALOG NUMBER: FVS4WM-2-LD4-40-2LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.5	2.6	2.7
5°	3.5	3.7	3.9	4.1	4.2	4.4	4.6	4.7	4.8	5.0	5.1
7.5°	5.2	5.5	5.8	6.0	6.3	6.5	6.7	7.0	7.2	7.4	7.5
10°	6.9	7.2	7.6	7.9	8.3	8.6	8.9	9.2	9.5	9.7	10.0
12.5°	8.4	8.9	9.3	9.8	10.2	10.6	11.0	11.3	11.7	12.0	12.3
15°	10.0	10.5	11.0	11.6	12.1	12.5	13.0	13.5	13.9	14.3	14.7
17.5°	11.5	12.1	12.7	13.3	13.9	14.5	15.0	15.5	16.0	16.5	17.0
20°	12.9	13.6	14.3	15.0	15.7	16.3	17.0	17.6	18.1	18.7	19.2
22.5°	14.3	15.1	15.9	16.7	17.4	18.2	18.9	19.6	20.2	20.9	21.5
25°	15.6	16.5	17.4	18.3	19.1	20.0	20.8	21.5	22.3	23.0	24.3
27.5°	16.8	17.9	18.9	19.8	20.7	21.7	23.2	24.7	26.4	28.1	29.7
30°	17.7	19.0	20.2	21.7	23.2	24.9	26.7	28.6	30.6	32.7	34.8
32.5°	19.0	20.4	21.9	23.8	25.7	27.6	29.6	31.8	34.2	36.7	39.3
35°	20.5	22.1	23.8	25.6	27.6	29.9	32.2	34.6	37.2	40.2	43.3
37.5°	21.9	23.5	25.2	27.2	29.3	31.7	34.3	37.0	39.9	43.2	46.7
40°	23.0	24.7	26.5	28.5	30.8	33.3	36.1	39.0	42.3	45.8	49.9
42.5°	23.9	25.7	27.6	29.7	32.0	34.6	37.6	40.9	44.3	48.2	52.6
45°	24.5	26.5	28.6	30.8	33.1	35.8	39.0	42.5	46.2	50.3	54.9
47.5°	24.9	27.0	29.3	31.7	34.2	36.9	40.0	43.9	47.9	52.2	57.3
50°	25.1	27.3	29.8	32.4	35.1	37.9	41.2	45.1	49.8	54.3	59.3
52.5°	25.0	27.5	30.1	33.0	35.9	39.7	43.5	47.3	51.9	56.6	61.4
55°	25.1	27.5	30.5	34.6	38.7	42.9	46.5	50.2	54.3	59.0	63.8
57.5°	25.1	28.7	32.6	36.9	41.5	46.0	50.0	53.4	56.8	61.6	66.4
60°	26.7	30.4	34.6	39.2	44.0	48.9	53.6	56.9	60.1	64.3	69.1
62.5°	28.1	32.0	36.4	41.3	46.4	51.8	57.0	60.7	63.7	67.2	72.0
65°	29.5	33.5	38.0	43.3	48.7	54.5	60.2	64.7	67.5	70.3	75.0
67.5°	30.8	34.9	39.6	45.2	51.1	57.1	63.4	68.8	71.6	73.8	78.2
70°	31.9	36.3	41.3	46.9	53.4	59.7	66.6	72.7	75.7	77.5	80.7
72.5°	32.9	37.7	42.8	48.6	55.6	61.6	67.8	73.2	76.3	78.0	80.8
75°	33.9	38.8	43.7	49.0	55.2	61.5	67.4	72.8	76.4	78.4	81.0
77.5°	34.4	39.1	44.0	49.1	55.1	61.6	67.4	72.5	76.4	78.8	81.3
80°	35.0	39.6	44.5	49.5	55.2	61.8	67.7	72.5	76.5	79.2	81.8
82.5°	35.8	40.3	45.3	50.1	55.6	62.3	68.2	72.7	76.6	79.6	82.4
85°	36.7	41.4	46.3	50.9	56.2	63.0	69.0	73.0	76.7	80.0	83.1
87.5°	37.8	42.6	47.6	52.0	57.1	63.9	70.0	73.5	76.9	80.4	83.8
90°	39.2	44.1	49.0	53.3	58.2	65.0	71.1	74.1	77.2	80.9	84.6
92.5°	37.8	42.6	47.6	52.0	57.1	63.9	70.0	73.5	76.9	80.4	83.8
95°	36.7	41.4	46.3	50.9	56.2	63.0	69.0	73.0	76.7	80.0	83.1
97.5°	35.8	40.3	45.3	50.1	55.6	62.3	68.2	72.7	76.6	79.6	82.4
100°	35.0	39.6	44.5	49.5	55.2	61.8	67.7	72.5	76.5	79.2	81.8
102.5°	34.4	39.1	44.0	49.1	55.1	61.6	67.4	72.5	76.4	78.8	81.3
105°	33.9	38.8	43.7	49.0	55.2	61.5	67.4	72.8	76.4	78.4	81.0
107.5°	32.9	37.7	42.8	48.6	55.6	61.6	67.8	73.2	76.3	78.0	80.8
110°	31.9	36.3	41.3	46.9	53.4	59.7	66.6	72.7	75.7	77.5	80.7



TEST NUMBER: P231910

CATALOG NUMBER: FVS4WM-2-LD4-40-2LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	30.8	34.9	39.6	45.2	51.1	57.1	63.4	68.8	71.6	73.8	78.2
115°	29.5	33.5	38.0	43.3	48.7	54.5	60.2	64.7	67.5	70.3	75.0
117.5°	28.1	32.0	36.4	41.3	46.4	51.8	57.0	60.7	63.7	67.2	72.0
120°	26.7	30.4	34.6	39.2	44.0	48.9	53.6	56.9	60.1	64.3	69.1
122.5°	25.1	28.7	32.6	36.9	41.5	46.0	50.0	53.4	56.8	61.6	66.4
125°	25.1	27.5	30.5	34.6	38.7	42.9	46.5	50.2	54.3	59.0	63.8
127.5°	25.0	27.5	30.1	33.0	35.9	39.7	43.5	47.3	51.9	56.6	61.4
130°	25.1	27.3	29.8	32.4	35.1	37.9	41.2	45.1	49.8	54.3	59.3
132.5°	24.9	27.0	29.3	31.7	34.2	36.9	40.0	43.9	47.9	52.2	57.3
135°	24.5	26.5	28.6	30.8	33.1	35.8	39.0	42.5	46.2	50.3	54.9
137.5°	23.9	25.7	27.6	29.7	32.0	34.6	37.6	40.9	44.3	48.2	52.6
140°	23.0	24.7	26.5	28.5	30.8	33.3	36.1	39.0	42.3	45.8	49.9
142.5°	21.9	23.5	25.2	27.2	29.3	31.7	34.3	37.0	39.9	43.2	46.7
145°	20.5	22.1	23.8	25.6	27.6	29.9	32.2	34.6	37.2	40.2	43.3
147.5°	19.0	20.4	21.9	23.8	25.7	27.6	29.6	31.8	34.2	36.7	39.3
150°	17.7	19.0	20.2	21.7	23.2	24.9	26.7	28.6	30.6	32.7	34.8
152.5°	16.8	17.9	18.9	19.8	20.7	21.7	23.2	24.7	26.4	28.1	29.7
155°	15.6	16.5	17.4	18.3	19.1	20.0	20.8	21.5	22.3	23.0	24.3
157.5°	14.3	15.1	15.9	16.7	17.4	18.2	18.9	19.6	20.2	20.9	21.5
160°	12.9	13.6	14.3	15.0	15.7	16.3	17.0	17.6	18.1	18.7	19.2
162.5°	11.5	12.1	12.7	13.3	13.9	14.5	15.0	15.5	16.0	16.5	17.0
165°	10.0	10.5	11.0	11.6	12.1	12.5	13.0	13.5	13.9	14.3	14.7
167.5°	8.4	8.9	9.3	9.8	10.2	10.6	11.0	11.3	11.7	12.0	12.3
170°	6.9	7.2	7.6	7.9	8.3	8.6	8.9	9.2	9.5	9.7	10.0
172.5°	5.2	5.5	5.8	6.0	6.3	6.5	6.7	7.0	7.2	7.4	7.5
175°	3.5	3.7	3.9	4.1	4.2	4.4	4.6	4.7	4.8	5.0	5.1
177.5°	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.5	2.6	2.7
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: P231910

CATALOG NUMBER: FVS4WM-2-LD4-40-2LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	2.7	2.8	2.8	2.9	2.9	3.0	3.0	3.0	3.1	3.1	3.5
5°	5.3	5.4	5.5	5.6	5.8	5.9	5.9	6.0	6.1	6.1	6.9
7.5°	7.7	7.9	8.1	8.3	8.5	8.6	8.8	8.9	9.1	9.2	10.3
10°	10.2	10.4	10.6	10.8	11.0	11.3	11.6	11.8	12.1	12.3	13.8
12.5°	12.6	12.9	13.2	13.4	13.6	13.9	14.3	14.7	15.0	15.3	17.2
15°	15.0	15.4	15.7	16.0	16.2	16.5	17.0	17.5	18.0	18.4	20.5
17.5°	17.4	17.8	18.2	18.5	18.9	19.2	19.6	20.2	20.9	21.5	23.9
20°	19.7	20.2	20.7	21.1	21.5	21.8	22.1	22.9	23.8	24.5	27.3
22.5°	22.0	22.6	23.1	23.6	24.0	24.4	24.8	25.6	26.6	27.6	30.6
25°	25.6	26.9	28.1	29.3	30.4	31.5	32.4	33.6	35.1	36.5	39.9
27.5°	31.3	32.9	34.5	36.1	37.5	38.9	40.2	41.6	43.6	45.4	49.2
30°	36.7	38.6	40.6	42.6	44.5	46.2	47.9	49.5	52.0	54.3	58.5
32.5°	41.8	44.0	46.4	48.8	51.2	53.4	55.5	57.5	60.4	63.2	67.9
35°	46.5	49.2	51.9	54.8	57.7	60.3	62.9	65.4	68.7	72.2	77.2
37.5°	50.5	54.2	57.2	60.5	64.1	67.2	70.3	73.3	77.0	81.1	86.6
40°	54.2	58.7	62.4	66.0	70.1	73.9	77.5	81.1	85.3	90.0	96.0
42.5°	57.4	62.6	67.3	71.5	76.0	80.4	84.7	88.8	93.5	98.9	105.3
45°	60.4	66.2	72.1	76.6	81.7	86.8	91.6	96.4	101.7	107.8	114.7
47.5°	63.0	68.9	75.0	79.6	84.3	89.5	94.8	100.3	106.5	113.9	121.9
50°	64.6	70.3	76.1	81.1	85.7	91.3	97.4	103.9	111.2	119.9	129.1
52.5°	66.6	72.0	77.6	82.7	87.1	93.1	99.9	107.4	115.8	126.0	136.3
55°	69.0	74.2	79.3	84.4	88.8	94.9	102.3	110.8	120.3	132.1	143.6
57.5°	71.5	76.6	81.3	86.2	90.6	96.7	104.7	114.1	124.8	138.1	151.0
60°	74.2	79.3	83.7	88.1	92.5	98.5	106.9	117.3	129.3	144.2	158.3
62.5°	77.0	82.2	86.2	90.2	94.4	100.3	109.1	120.5	133.7	150.3	165.7
65°	80.0	85.1	89.0	92.5	96.5	102.2	111.2	123.7	138.1	156.3	173.1
67.5°	83.1	88.2	92.0	95.0	98.6	104.0	113.3	126.8	142.5	162.4	180.5
70°	85.0	89.4	92.7	95.1	98.4	103.6	112.6	126.0	141.6	162.1	181.2
72.5°	84.8	88.8	91.9	94.2	97.6	102.9	111.7	125.1	140.7	161.7	182.0
75°	84.7	88.3	91.3	93.4	96.8	102.3	110.9	124.3	139.8	161.4	183.4
77.5°	84.8	88.1	90.7	92.5	96.0	101.7	110.2	123.5	139.0	161.0	183.9
80°	85.1	87.9	90.1	91.7	95.2	101.2	109.5	122.8	138.2	160.7	184.4
82.5°	85.4	87.9	89.6	91.0	94.4	100.8	109.0	122.2	137.4	160.3	184.9
85°	85.9	88.0	89.1	90.2	93.7	100.4	108.5	121.6	136.7	160.0	185.3
87.5°	86.4	88.1	88.6	89.6	93.1	100.1	108.1	121.1	136.0	159.6	185.8
90°	87.0	88.2	88.2	88.9	92.5	99.9	107.8	120.7	135.4	159.3	186.3
92.5°	86.4	88.1	88.6	89.6	93.1	100.1	108.1	121.1	136.0	159.6	185.8
95°	85.9	88.0	89.1	90.2	93.7	100.4	108.5	121.6	136.7	160.0	185.3
97.5°	85.4	87.9	89.6	91.0	94.4	100.8	109.0	122.2	137.4	160.3	184.9
100°	85.1	87.9	90.1	91.7	95.2	101.2	109.5	122.8	138.2	160.7	184.4
102.5°	84.8	88.1	90.7	92.5	96.0	101.7	110.2	123.5	139.0	161.0	183.9
105°	84.7	88.3	91.3	93.4	96.8	102.3	110.9	124.3	139.8	161.4	183.4
107.5°	84.8	88.8	91.9	94.2	97.6	102.9	111.7	125.1	140.7	161.7	182.0
110°	85.0	89.4	92.7	95.1	98.4	103.6	112.6	126.0	141.6	162.1	181.2



TEST NUMBER: P231910

CATALOG NUMBER: FVS4WM-2-LD4-40-2LO-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°	83.1	88.2	92.0	95.0	98.6	104.0	113.3	126.8	142.5	162.4	180.5
115°	80.0	85.1	89.0	92.5	96.5	102.2	111.2	123.7	138.1	156.3	173.1
117.5°	77.0	82.2	86.2	90.2	94.4	100.3	109.1	120.5	133.7	150.3	165.7
120°	74.2	79.3	83.7	88.1	92.5	98.5	106.9	117.3	129.3	144.2	158.3
122.5°	71.5	76.6	81.3	86.2	90.6	96.7	104.7	114.1	124.8	138.1	151.0
125°	69.0	74.2	79.3	84.4	88.8	94.9	102.3	110.8	120.3	132.1	143.6
127.5°	66.6	72.0	77.6	82.7	87.1	93.1	99.9	107.4	115.8	126.0	136.3
130°	64.6	70.3	76.1	81.1	85.7	91.3	97.4	103.9	111.2	119.9	129.1
132.5°	63.0	68.9	75.0	79.6	84.3	89.5	94.8	100.3	106.5	113.9	121.9
135°	60.4	66.2	72.1	76.6	81.7	86.8	91.6	96.4	101.7	107.8	114.7
137.5°	57.4	62.6	67.3	71.5	76.0	80.4	84.7	88.8	93.5	98.9	105.3
140°	54.2	58.7	62.4	66.0	70.1	73.9	77.5	81.1	85.3	90.0	96.0
142.5°	50.5	54.2	57.2	60.5	64.1	67.2	70.3	73.3	77.0	81.1	86.6
145°	46.5	49.2	51.9	54.8	57.7	60.3	62.9	65.4	68.7	72.2	77.2
147.5°	41.8	44.0	46.4	48.8	51.2	53.4	55.5	57.5	60.4	63.2	67.9
150°	36.7	38.6	40.6	42.6	44.5	46.2	47.9	49.5	52.0	54.3	58.5
152.5°	31.3	32.9	34.5	36.1	37.5	38.9	40.2	41.6	43.6	45.4	49.2
155°	25.6	26.9	28.1	29.3	30.4	31.5	32.4	33.6	35.1	36.5	39.9
157.5°	22.0	22.6	23.1	23.6	24.0	24.4	24.8	25.6	26.6	27.6	30.6
160°	19.7	20.2	20.7	21.1	21.5	21.8	22.1	22.9	23.8	24.5	27.3
162.5°	17.4	17.8	18.2	18.5	18.9	19.2	19.6	20.2	20.9	21.5	23.9
165°	15.0	15.4	15.7	16.0	16.2	16.5	17.0	17.5	18.0	18.4	20.5
167.5°	12.6	12.9	13.2	13.4	13.6	13.9	14.3	14.7	15.0	15.3	17.2
170°	10.2	10.4	10.6	10.8	11.0	11.3	11.6	11.8	12.1	12.3	13.8
172.5°	7.7	7.9	8.1	8.3	8.5	8.6	8.8	8.9	9.1	9.2	10.3
175°	5.3	5.4	5.5	5.6	5.8	5.9	5.9	6.0	6.1	6.1	6.9
177.5°	2.7	2.8	2.8	2.9	2.9	3.0	3.0	3.0	3.1	3.1	3.5
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: P231910

CATALOG NUMBER: FVS4WM-2-LD4-40-2LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	3.8	4.2	4.6	5.0	5.3	5.6	6.0	6.3	6.6	6.9	7.2
5°	7.7	8.4	9.1	9.8	10.5	11.2	11.9	12.5	13.1	13.7	14.3
7.5°	11.5	12.5	13.6	14.7	15.7	16.7	17.7	19.1	20.4	21.7	23.0
10°	15.2	16.6	18.0	19.4	20.9	22.7	24.5	26.3	28.0	29.7	31.4
12.5°	18.9	20.7	22.4	24.3	26.6	28.8	31.0	33.2	35.1	36.7	38.2
15°	22.6	24.7	26.8	29.5	32.1	34.7	37.2	39.4	41.4	43.4	45.6
17.5°	26.3	28.7	31.5	34.5	37.4	40.3	43.0	45.6	48.1	50.6	53.1
20°	29.9	32.6	36.0	39.2	42.5	45.8	48.9	52.0	55.1	58.2	61.0
22.5°	33.5	36.7	40.3	43.8	47.6	51.4	55.1	58.8	62.4	65.8	68.9
25°	43.1	46.5	50.0	53.5	57.1	60.6	64.1	67.5	70.6	73.5	77.0
27.5°	52.8	56.7	60.5	64.4	68.2	72.0	75.9	79.4	82.6	85.7	88.5
30°	62.6	66.8	70.9	75.1	79.4	83.3	87.4	91.0	94.5	97.6	100.6
32.5°	72.4	76.8	81.2	85.6	90.0	94.4	98.6	102.5	106.0	109.3	111.5
35°	82.1	86.8	91.5	96.0	100.7	105.6	109.7	113.7	117.3	120.1	121.2
37.5°	91.9	96.8	101.6	106.3	111.3	116.1	120.6	124.6	128.6	129.5	130.3
40°	101.5	106.7	111.6	116.5	121.7	126.6	131.2	135.2	137.6	138.6	138.4
42.5°	111.2	116.5	121.5	126.7	132.0	137.0	141.6	145.6	146.5	146.9	146.4
45°	120.8	126.3	131.2	136.7	142.1	147.3	151.7	154.4	155.2	154.8	154.4
47.5°	129.1	135.9	142.5	149.2	155.5	160.7	164.2	164.0	163.2	162.7	162.2
50°	137.5	145.9	154.5	163.4	171.7	178.7	183.6	184.6	184.0	181.3	176.6
52.5°	146.1	156.2	167.1	178.1	188.8	197.5	203.5	206.6	208.9	207.5	203.6
55°	154.7	166.8	180.0	193.3	206.5	217.0	224.5	230.4	235.3	235.1	230.0
57.5°	163.4	177.7	193.3	209.2	224.7	237.2	246.5	255.9	262.3	262.3	255.7
60°	172.2	188.8	207.0	225.4	243.2	257.8	269.4	283.0	290.3	288.4	280.2
62.5°	181.0	200.1	220.9	242.0	262.1	278.8	293.5	311.3	319.2	314.0	303.1
65°	189.9	211.6	235.0	259.0	281.3	300.4	319.0	339.5	348.8	339.2	324.5
67.5°	198.9	223.2	249.2	276.2	300.8	322.4	345.4	367.5	374.7	363.1	344.7
70°	201.0	226.0	252.4	281.0	307.5	332.4	361.0	386.9	395.4	384.4	366.8
72.5°	202.9	227.9	253.7	282.4	309.0	334.8	365.2	391.5	400.5	393.3	382.4
75°	204.7	229.5	254.6	283.6	310.3	337.0	369.0	396.4	407.2	404.5	397.2
77.5°	206.5	231.0	255.3	284.5	311.2	338.9	372.3	401.5	415.1	417.7	412.2
80°	209.0	232.3	255.7	285.1	311.9	340.6	375.1	406.6	424.1	432.4	427.3
82.5°	210.4	234.1	256.6	285.3	312.2	341.9	377.5	411.5	433.6	448.3	442.5
85°	211.8	234.7	256.0	285.8	312.8	343.8	380.4	417.5	443.5	464.7	457.8
87.5°	213.1	235.3	255.5	285.1	312.1	343.8	380.7	420.8	453.6	481.6	473.2
90°	214.5	235.9	254.9	284.3	311.3	343.8	381.1	424.0	462.6	497.6	489.0
92.5°	213.1	235.3	255.5	285.1	312.1	343.8	380.7	420.8	453.6	481.6	473.2
95°	211.8	234.7	256.0	285.8	312.8	343.8	380.4	417.5	443.5	464.7	457.8
97.5°	210.4	234.1	256.6	285.3	312.2	341.9	377.5	411.5	433.6	448.3	442.5
100°	209.0	232.3	255.7	285.1	311.9	340.6	375.1	406.6	424.1	432.4	427.3
102.5°	206.5	231.0	255.3	284.5	311.2	338.9	372.3	401.5	415.1	417.7	412.2
105°	204.7	229.5	254.6	283.6	310.3	337.0	369.0	396.4	407.2	404.5	397.2
107.5°	202.9	227.9	253.7	282.4	309.0	334.8	365.2	391.5	400.5	393.3	382.4
110°	201.0	226.0	252.4	281.0	307.5	332.4	361.0	386.9	395.4	384.4	366.8



TEST NUMBER: P231910

CATALOG NUMBER: FVS4WM-2-LD4-40-2LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	198.9	223.2	249.2	276.2	300.8	322.4	345.4	367.5	374.7	363.1	344.7
115°	189.9	211.6	235.0	259.0	281.3	300.4	319.0	339.5	348.8	339.2	324.5
117.5°	181.0	200.1	220.9	242.0	262.1	278.8	293.5	311.3	319.2	314.0	303.1
120°	172.2	188.8	207.0	225.4	243.2	257.8	269.4	283.0	290.3	288.4	280.2
122.5°	163.4	177.7	193.3	209.2	224.7	237.2	246.5	255.9	262.3	262.3	255.7
125°	154.7	166.8	180.0	193.3	206.5	217.0	224.5	230.4	235.3	235.1	230.0
127.5°	146.1	156.2	167.1	178.1	188.8	197.5	203.5	206.6	208.9	207.5	203.6
130°	137.5	145.9	154.5	163.4	171.7	178.7	183.6	184.6	184.0	181.3	176.6
132.5°	129.1	135.9	142.5	149.2	155.5	160.7	164.2	164.0	163.2	162.7	162.2
135°	120.8	126.3	131.2	136.7	142.1	147.3	151.7	154.4	155.2	154.8	154.4
137.5°	111.2	116.5	121.5	126.7	132.0	137.0	141.6	145.6	146.5	146.9	146.4
140°	101.5	106.7	111.6	116.5	121.7	126.6	131.2	135.2	137.6	138.6	138.4
142.5°	91.9	96.8	101.6	106.3	111.3	116.1	120.6	124.6	128.6	129.5	130.3
145°	82.1	86.8	91.5	96.0	100.7	105.6	109.7	113.7	117.3	120.1	121.2
147.5°	72.4	76.8	81.2	85.6	90.0	94.4	98.6	102.5	106.0	109.3	111.5
150°	62.6	66.8	70.9	75.1	79.4	83.3	87.4	91.0	94.5	97.6	100.6
152.5°	52.8	56.7	60.5	64.4	68.2	72.0	75.9	79.4	82.6	85.7	88.5
155°	43.1	46.5	50.0	53.5	57.1	60.6	64.1	67.5	70.6	73.5	77.0
157.5°	33.5	36.7	40.3	43.8	47.6	51.4	55.1	58.8	62.4	65.8	68.9
160°	29.9	32.6	36.0	39.2	42.5	45.8	48.9	52.0	55.1	58.2	61.0
162.5°	26.3	28.7	31.5	34.5	37.4	40.3	43.0	45.6	48.1	50.6	53.1
165°	22.6	24.7	26.8	29.5	32.1	34.7	37.2	39.4	41.4	43.4	45.6
167.5°	18.9	20.7	22.4	24.3	26.6	28.8	31.0	33.2	35.1	36.7	38.2
170°	15.2	16.6	18.0	19.4	20.9	22.7	24.5	26.3	28.0	29.7	31.4
172.5°	11.5	12.5	13.6	14.7	15.7	16.7	17.7	19.1	20.4	21.7	23.0
175°	7.7	8.4	9.1	9.8	10.5	11.2	11.9	12.5	13.1	13.7	14.3
177.5°	3.8	4.2	4.6	5.0	5.3	5.6	6.0	6.3	6.6	6.9	7.2
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: P231910

CATALOG NUMBER: FVS4WM-2-LD4-40-2LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	7.5	7.7	8.0	8.2	8.4	8.6	8.8	8.9	9.1	9.2	9.3
5°	15.1	15.9	16.6	17.3	18.0	18.7	19.3	19.9	20.4	20.9	21.3
7.5°	24.2	25.4	26.5	27.5	28.5	29.1	29.6	30.1	30.5	30.9	31.2
10°	32.5	33.6	34.6	35.5	36.4	37.2	37.9	38.6	39.3	39.9	40.4
12.5°	39.7	41.0	42.3	43.7	44.9	46.1	47.2	48.1	49.0	49.6	50.2
15°	47.3	49.2	50.9	52.6	54.1	55.3	56.4	57.4	58.2	59.0	59.6
17.5°	55.4	58.0	59.6	61.3	62.9	64.4	65.7	66.8	67.8	68.6	69.3
20°	63.6	66.0	68.2	70.2	72.1	73.8	75.3	76.6	77.6	78.5	79.4
22.5°	71.8	74.5	77.1	79.5	81.7	83.1	84.4	85.7	86.8	87.9	89.0
25°	80.3	83.4	86.7	88.2	89.8	91.4	92.4	93.5	94.6	96.0	97.4
27.5°	91.1	93.0	93.9	95.7	96.6	97.4	98.6	99.8	101.3	103.0	105.2
30°	102.5	103.4	103.9	103.2	102.3	102.3	103.7	105.3	108.0	110.8	114.0
32.5°	112.5	112.9	112.2	111.5	111.0	110.5	110.8	111.8	115.2	119.8	124.4
35°	121.7	121.1	120.5	120.1	120.0	120.7	121.4	123.7	125.6	130.4	138.1
37.5°	129.8	129.3	128.9	129.1	130.1	131.9	134.7	138.1	143.1	148.4	154.2
40°	137.9	137.6	137.8	138.9	141.4	144.9	150.2	156.2	163.4	171.2	179.2
42.5°	146.0	145.9	147.2	150.0	154.1	160.7	167.7	177.3	187.3	198.0	209.2
45°	153.9	155.1	157.5	162.3	169.5	177.5	188.9	200.2	213.6	227.4	243.1
47.5°	162.6	164.0	169.4	176.6	185.6	198.1	211.1	225.8	242.1	259.6	279.4
50°	172.3	175.4	181.9	191.9	204.8	219.0	234.9	252.8	272.9	294.1	316.7
52.5°	199.0	197.7	201.3	208.9	225.0	241.0	259.5	280.9	303.4	327.9	353.8
55°	225.2	223.8	228.1	237.3	249.4	263.7	284.2	308.0	333.7	361.3	392.9
57.5°	249.3	249.2	254.5	264.2	276.9	293.6	313.0	335.0	363.5	395.9	430.5
60°	272.3	272.9	279.6	290.1	304.0	321.3	342.1	367.5	396.3	427.9	465.2
62.5°	296.0	296.7	303.1	314.2	329.3	347.8	370.6	398.1	430.7	463.9	500.1
65°	318.2	319.5	326.3	337.6	352.6	371.6	397.3	429.1	462.7	497.5	536.3
67.5°	339.3	340.7	347.9	359.4	374.8	395.5	423.1	457.8	491.3	527.8	574.0
70°	360.3	360.9	368.2	379.4	394.8	417.4	448.9	483.0	516.7	554.7	607.1
72.5°	377.8	379.8	387.2	398.0	413.1	438.3	472.5	504.9	537.8	579.8	632.5
75°	393.7	396.6	403.6	413.1	428.2	453.9	490.4	523.7	554.6	598.5	654.4
77.5°	409.4	413.0	418.7	426.1	439.3	464.4	498.5	532.8	569.4	615.4	673.1
80°	424.9	428.9	432.7	437.6	447.6	471.7	504.9	540.8	580.6	630.9	693.5
82.5°	440.4	444.5	445.8	447.7	453.7	476.2	509.8	547.6	589.2	643.1	708.8
85°	455.8	459.7	458.4	456.9	458.3	478.6	512.9	552.9	595.1	651.7	718.9
87.5°	471.1	474.8	470.6	465.6	461.8	479.6	515.2	557.7	599.6	658.6	726.3
90°	486.5	489.6	482.9	474.3	465.1	478.6	514.1	558.2	599.3	658.1	724.3
92.5°	471.1	474.8	470.6	465.6	461.8	479.6	515.2	557.7	599.6	658.6	726.3
95°	455.8	459.7	458.4	456.9	458.3	478.6	512.9	552.9	595.1	651.7	718.9
97.5°	440.4	444.5	445.8	447.7	453.7	476.2	509.8	547.6	589.2	643.1	708.8
100°	424.9	428.9	432.7	437.6	447.6	471.7	504.9	540.8	580.6	630.9	693.5
102.5°	409.4	413.0	418.7	426.1	439.3	464.4	498.5	532.8	569.4	615.4	673.1
105°	393.7	396.6	403.6	413.1	428.2	453.9	490.4	523.7	554.6	598.5	654.4
107.5°	377.8	379.8	387.2	398.0	413.1	438.3	472.5	504.9	537.8	579.8	632.5
110°	360.3	360.9	368.2	379.4	394.8	417.4	448.9	483.0	516.7	554.7	607.1



TEST NUMBER: P231910

CATALOG NUMBER: FVS4WM-2-LD4-40-2LO-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°	339.3	340.7	347.9	359.4	374.8	395.5	423.1	457.8	491.3	527.8	574.0
115°	318.2	319.5	326.3	337.6	352.6	371.6	397.3	429.1	462.7	497.5	536.3
117.5°	296.0	296.7	303.1	314.2	329.3	347.8	370.6	398.1	430.7	463.9	500.1
120°	272.3	272.9	279.6	290.1	304.0	321.3	342.1	367.5	396.3	427.9	465.2
122.5°	249.3	249.2	254.5	264.2	276.9	293.6	313.0	335.0	363.5	395.9	430.5
125°	225.2	223.8	228.1	237.3	249.4	263.7	284.2	308.0	333.7	361.3	392.9
127.5°	199.0	197.7	201.3	208.9	225.0	241.0	259.5	280.9	303.4	327.9	353.8
130°	172.3	175.4	181.9	191.9	204.8	219.0	234.9	252.8	272.9	294.1	316.7
132.5°	162.6	164.0	169.4	176.6	185.6	198.1	211.1	225.8	242.1	259.6	279.4
135°	153.9	155.1	157.5	162.3	169.5	177.5	188.9	200.2	213.6	227.4	243.1
137.5°	146.0	145.9	147.2	150.0	154.1	160.7	167.7	177.3	187.3	198.0	209.2
140°	137.9	137.6	137.8	138.9	141.4	144.9	150.2	156.2	163.4	171.2	179.2
142.5°	129.8	129.3	128.9	129.1	130.1	131.9	134.7	138.1	143.1	148.4	154.2
145°	121.7	121.1	120.5	120.1	120.0	120.7	121.4	123.7	125.6	130.4	138.1
147.5°	112.5	112.9	112.2	111.5	111.0	110.5	110.8	111.8	115.2	119.8	124.4
150°	102.5	103.4	103.9	103.2	102.3	102.3	103.7	105.3	108.0	110.8	114.0
152.5°	91.1	93.0	93.9	95.7	96.6	97.4	98.6	99.8	101.3	103.0	105.2
155°	80.3	83.4	86.7	88.2	89.8	91.4	92.4	93.5	94.6	96.0	97.4
157.5°	71.8	74.5	77.1	79.5	81.7	83.1	84.4	85.7	86.8	87.9	89.0
160°	63.6	66.0	68.2	70.2	72.1	73.8	75.3	76.6	77.6	78.5	79.4
162.5°	55.4	58.0	59.6	61.3	62.9	64.4	65.7	66.8	67.8	68.6	69.3
165°	47.3	49.2	50.9	52.6	54.1	55.3	56.4	57.4	58.2	59.0	59.6
167.5°	39.7	41.0	42.3	43.7	44.9	46.1	47.2	48.1	49.0	49.6	50.2
170°	32.5	33.6	34.6	35.5	36.4	37.2	37.9	38.6	39.3	39.9	40.4
172.5°	24.2	25.4	26.5	27.5	28.5	29.1	29.6	30.1	30.5	30.9	31.2
175°	15.1	15.9	16.6	17.3	18.0	18.7	19.3	19.9	20.4	20.9	21.3
177.5°	7.5	7.7	8.0	8.2	8.4	8.6	8.8	8.9	9.1	9.2	9.3
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: P231910

CATALOG NUMBER: FVS4WM-2-LD4-40-2LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	9.4	9.5	9.6	9.6	9.6	9.7	10.0	9.8	9.7	9.6	9.5
5°	21.7	22.1	22.4	22.6	22.8	23.0	23.1	23.2	23.6	23.4	23.1
7.5°	31.5	31.7	31.9	32.0	32.1	32.1	32.0	31.9	31.7	31.7	31.4
10°	40.9	41.2	41.5	41.7	41.8	41.8	41.8	41.6	41.4	41.5	40.9
12.5°	50.6	50.9	51.1	51.2	51.2	51.1	50.9	50.6	50.2	49.7	49.3
15°	60.0	60.4	60.6	60.6	60.6	60.4	60.1	59.6	59.1	58.4	57.8
17.5°	69.8	70.3	70.7	70.9	71.1	71.1	71.0	70.7	70.4	69.9	69.5
20°	80.1	80.8	81.5	82.2	82.9	83.4	83.9	84.2	84.4	84.4	84.7
22.5°	90.1	91.2	92.3	93.4	94.3	95.2	96.0	96.7	97.2	97.5	98.2
25°	98.8	100.3	101.8	103.7	105.6	107.3	108.9	110.4	111.6	112.6	113.4
27.5°	107.7	110.2	112.8	115.6	118.7	121.5	124.2	126.6	128.7	130.5	131.9
30°	117.8	121.8	125.7	129.6	134.9	139.8	144.4	148.6	152.4	155.6	158.3
32.5°	129.7	136.5	143.1	149.5	156.4	163.2	169.6	175.3	180.4	184.9	188.6
35°	145.8	154.7	163.9	172.6	181.3	190.8	199.6	207.5	214.5	220.5	225.5
37.5°	164.9	175.9	188.7	200.8	212.3	224.2	235.3	245.2	253.9	261.2	267.2
40°	188.8	202.4	218.3	233.9	248.4	262.5	275.6	286.8	296.1	303.7	309.5
42.5°	222.2	235.2	252.6	272.3	289.9	305.5	319.8	332.0	342.2	350.4	356.5
45°	259.0	277.3	294.8	315.2	334.5	353.7	368.9	383.1	394.0	401.9	406.9
47.5°	299.9	320.7	340.9	362.5	387.4	408.6	426.9	442.6	455.0	464.1	469.8
50°	340.3	364.7	392.9	420.4	447.7	471.2	492.7	514.3	532.5	546.8	557.1
52.5°	382.9	413.9	445.6	477.0	511.1	544.1	571.8	597.8	621.4	641.8	658.2
55°	426.2	460.8	497.2	537.3	577.5	616.5	650.3	680.5	708.1	732.6	753.2
57.5°	467.0	507.2	550.3	596.8	644.3	682.8	720.7	753.2	781.7	808.1	831.4
60°	506.8	552.3	604.3	654.1	700.9	741.3	776.3	809.7	840.5	868.1	891.9
62.5°	543.9	600.2	654.6	706.7	749.1	788.9	824.8	859.1	889.2	916.5	940.4
65°	588.4	643.6	699.5	746.4	789.5	830.0	865.8	899.1	930.3	958.9	983.7
67.5°	628.3	685.2	734.1	779.7	823.2	862.6	900.5	936.1	968.1	996.3	1020.1
70°	662.5	718.3	766.6	808.7	849.4	891.4	931.5	967.4	1001.6	1033.1	1056.4
72.5°	691.3	748.5	793.5	834.6	875.0	915.9	956.3	996.6	1037.7	1070.0	1088.9
75°	717.7	769.8	814.2	856.5	898.6	938.5	978.6	1021.8	1061.5	1096.1	1117.9
77.5°	739.7	787.2	830.5	873.8	917.1	958.6	999.6	1040.8	1080.1	1114.8	1137.2
80°	753.9	800.0	842.3	886.5	931.4	974.1	1014.8	1055.6	1095.4	1130.0	1151.6
82.5°	766.2	812.2	854.3	897.8	940.0	980.1	1023.1	1067.2	1112.3	1149.1	1165.9
85°	775.7	820.7	861.8	905.9	947.3	988.6	1030.6	1075.6	1120.0	1155.4	1175.0
87.5°	783.8	825.5	864.9	908.8	950.0	993.7	1038.2	1083.3	1124.8	1160.4	1176.9
90°	783.7	826.6	864.0	906.9	947.9	993.3	1039.2	1080.9	1123.2	1162.4	1178.3
92.5°	783.8	825.5	864.9	908.8	950.0	993.7	1038.2	1083.3	1124.8	1160.4	1176.9
95°	775.7	820.7	861.8	905.9	947.3	988.6	1030.6	1075.6	1120.0	1155.4	1175.0
97.5°	766.2	812.2	854.3	897.8	940.0	980.1	1023.1	1067.2	1112.3	1149.1	1165.9
100°	753.9	800.0	842.3	886.5	931.4	974.1	1014.8	1055.6	1095.4	1130.0	1151.6
102.5°	739.7	787.2	830.5	873.8	917.1	958.6	999.6	1040.8	1080.1	1114.8	1137.2
105°	717.7	769.8	814.2	856.5	898.6	938.5	978.6	1021.8	1061.5	1096.1	1117.9
107.5°	691.3	748.5	793.5	834.6	875.0	915.9	956.3	996.6	1037.7	1070.0	1088.9
110°	662.5	718.3	766.6	808.7	849.4	891.4	931.5	967.4	1001.6	1033.1	1056.4



TEST NUMBER: P231910

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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°	628.3	685.2	734.1	779.7	823.2	862.6	900.5	936.1	968.1	996.3	1020.1
115°	588.4	643.6	699.5	746.4	789.5	830.0	865.8	899.1	930.3	958.9	983.7
117.5°	543.9	600.2	654.6	706.7	749.1	788.9	824.8	859.1	889.2	916.5	940.4
120°	506.8	552.3	604.3	654.1	700.9	741.3	776.3	809.7	840.5	868.1	891.9
122.5°	467.0	507.2	550.3	596.8	644.3	682.8	720.7	753.2	781.7	808.1	831.4
125°	426.2	460.8	497.2	537.3	577.5	616.5	650.3	680.5	708.1	732.6	753.2
127.5°	382.9	413.9	445.6	477.0	511.1	544.1	571.8	597.8	621.4	641.8	658.2
130°	340.3	364.7	392.9	420.4	447.7	471.2	492.7	514.3	532.5	546.8	557.1
132.5°	299.9	320.7	340.9	362.5	387.4	408.6	426.9	442.6	455.0	464.1	469.8
135°	259.0	277.3	294.8	315.2	334.5	353.7	368.9	383.1	394.0	401.9	406.9
137.5°	222.2	235.2	252.6	272.3	289.9	305.5	319.8	332.0	342.2	350.4	356.5
140°	188.8	202.4	218.3	233.9	248.4	262.5	275.6	286.8	296.1	303.7	309.5
142.5°	164.9	175.9	188.7	200.8	212.3	224.2	235.3	245.2	253.9	261.2	267.2
145°	145.8	154.7	163.9	172.6	181.3	190.8	199.6	207.5	214.5	220.5	225.5
147.5°	129.7	136.5	143.1	149.5	156.4	163.2	169.6	175.3	180.4	184.9	188.6
150°	117.8	121.8	125.7	129.6	134.9	139.8	144.4	148.6	152.4	155.6	158.3
152.5°	107.7	110.2	112.8	115.6	118.7	121.5	124.2	126.6	128.7	130.5	131.9
155°	98.8	100.3	101.8	103.7	105.6	107.3	108.9	110.4	111.6	112.6	113.4
157.5°	90.1	91.2	92.3	93.4	94.3	95.2	96.0	96.7	97.2	97.5	98.2
160°	80.1	80.8	81.5	82.2	82.9	83.4	83.9	84.2	84.4	84.4	84.7
162.5°	69.8	70.3	70.7	70.9	71.1	71.1	71.0	70.7	70.4	69.9	69.5
165°	60.0	60.4	60.6	60.6	60.6	60.4	60.1	59.6	59.1	58.4	57.8
167.5°	50.6	50.9	51.1	51.2	51.2	51.1	50.9	50.6	50.2	49.7	49.3
170°	40.9	41.2	41.5	41.7	41.8	41.8	41.8	41.6	41.4	41.5	40.9
172.5°	31.5	31.7	31.9	32.0	32.1	32.1	32.0	31.9	31.7	31.7	31.4
175°	21.7	22.1	22.4	22.6	22.8	23.0	23.1	23.2	23.6	23.4	23.1
177.5°	9.4	9.5	9.6	9.6	9.6	9.7	10.0	9.8	9.7	9.6	9.5
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: P231910

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CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	0.0	0.0
2.5°	9.3	9.2
5°	22.9	22.7
7.5°	31.0	30.6
10°	40.4	39.8
12.5°	48.6	47.8
15°	56.8	55.8
17.5°	68.5	67.4
20°	84.0	83.3
22.5°	97.8	97.4
25°	114.0	114.0
27.5°	133.2	133.6
30°	160.7	161.8
32.5°	192.0	193.6
35°	230.0	232.2
37.5°	272.6	275.1
40°	314.4	316.2
42.5°	361.5	362.8
45°	410.3	409.3
47.5°	473.9	471.8
50°	565.4	564.4
52.5°	672.9	675.9
55°	772.2	779.4
57.5°	853.6	865.2
60°	914.0	927.1
62.5°	960.5	976.7
65°	1004.4	1020.9
67.5°	1039.7	1055.2
70°	1073.2	1084.6
72.5°	1101.3	1108.5
75°	1127.3	1131.2
77.5°	1141.2	1141.6
80°	1160.1	1161.8
82.5°	1173.2	1174.7
85°	1178.9	1177.7
87.5°	1186.2	1188.8
90°	1185.1	1186.3
92.5°	1186.2	1188.8
95°	1178.9	1177.7
97.5°	1173.2	1174.7
100°	1160.1	1161.8
102.5°	1141.2	1141.6
105°	1127.3	1131.2
107.5°	1101.3	1108.5
110°	1073.2	1084.6



TEST NUMBER: P231910

CATALOG NUMBER: FVS4WM-2-LD4-40-2LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	1039.7	1055.2
115°	1004.4	1020.9
117.5°	960.5	976.7
120°	914.0	927.1
122.5°	853.6	865.2
125°	772.2	779.4
127.5°	672.9	675.9
130°	565.4	564.4
132.5°	473.9	471.8
135°	410.3	409.3
137.5°	361.5	362.8
140°	314.4	316.2
142.5°	272.6	275.1
145°	230.0	232.2
147.5°	192.0	193.6
150°	160.7	161.8
152.5°	133.2	133.6
155°	114.0	114.0
157.5°	97.8	97.4
160°	84.0	83.3
162.5°	68.5	67.4
165°	56.8	55.8
167.5°	48.6	47.8
170°	40.4	39.8
172.5°	31.0	30.6
175°	22.9	22.7
177.5°	9.3	9.2
180°	0.0	0.0

(END OF REPORT)