

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: P232022

Luminaire Tested: **FVS4WM-3-LD4-40-1STD-P125-UNV-EDC1**

Issue Date: 3/3/2020



Test Information

Test Method: LM-79-08
Report Number: P232022
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1706-121-23)
Test Lab: INNOVATION CENTER(G3)
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: FAIL-SAFE
Catalog Number: FVS4WM-3-LD4-40-1STD-P125-UNV-EDC1
Description: FAILSAFE FVS LED FIXTURE
3FT LENGTH, 1-MODULE LED WITH P125 LENS
Light Source: (84) 4000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

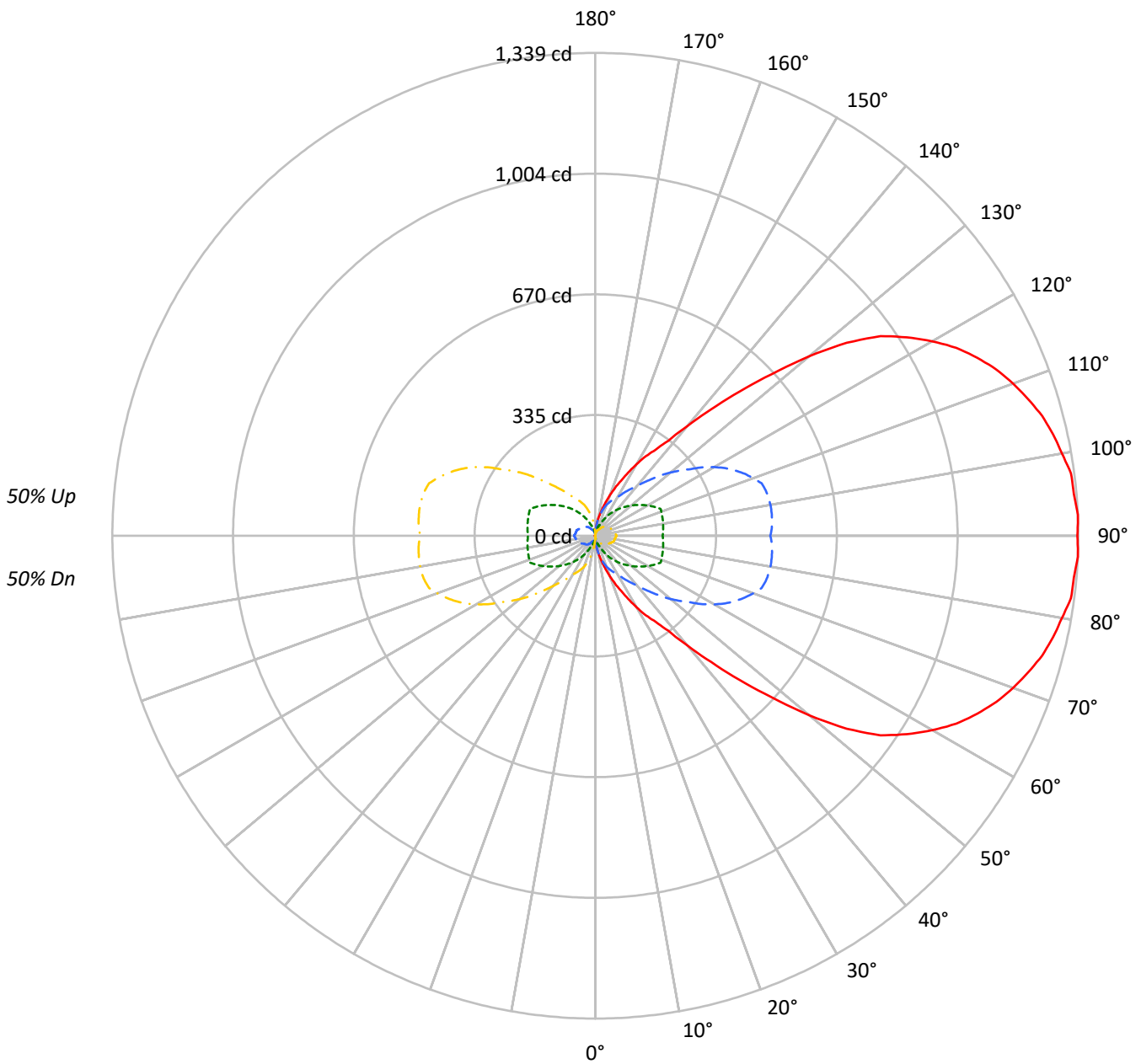
Lumens per Lamp: N/A
Luminaire Lumens: 3186.5 lumens
Efficiency: N/A
Efficacy: 111.8 lumens/watt
Spacing Criteria (0/90/45): - / - / -
Luminous Opening: Rectangular w/ Sides (W: 2.92' x L: 0.19' x H: 0.31')
CIE Type: General Diffuse

Input Watts (W): 28.5
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

TEST NUMBER: P232022

CATALOG NUMBER: FVS4WM-3-LD4-40-1STD-P125-UNV-EDC1

Luminous Intensity Polar Plot



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



TEST NUMBER: P232022

CATALOG NUMBER: FVS4WM-3-LD4-40-1STD-P125-UNV-EDC1

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	84	77	71	83	76	71	65	63	58	54	50	47	44	39	36	34	28
2	80	69	60	53	73	63	55	48	51	45	40	40	36	31	30	27	23	18
3	72	59	49	41	65	53	45	37	43	36	30	34	28	24	25	21	17	12
4	64	51	41	33	58	46	37	30	37	30	24	29	23	18	21	17	13	9
5	59	44	34	27	53	40	31	24	32	25	20	25	19	15	18	14	10	7
6	54	39	29	22	48	35	27	20	29	22	16	22	17	12	16	12	8	5
7	49	35	26	19	44	32	23	17	26	19	14	20	14	10	14	10	7	4
8	45	31	22	16	41	28	20	15	23	16	12	18	13	9	13	9	6	3
9	42	28	20	14	38	26	18	13	21	15	10	16	11	8	12	8	5	3
10	39	26	18	12	36	24	16	11	19	13	9	15	10	7	11	7	4	2

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	0	0	0	0
5°	429	145	0	145
10°	768	290	0	290
15°	1133	438	0	438
20°	1589	595	0	595
25°	2057	867	0	867
30°	2650	1271	0	1271
35°	3227	1719	0	1719
40°	4255	2225	0	2225
45°	5893	2813	0	2813
50°	7941	3544	0	3544
55°	9797	4437	0	4437
60°	10925	5572	0	5572
65°	11895	7059	0	7059
70°	12717	8656	8	8656
75°	13510	10468	8	10468
80°	14243	13438	0	13438
85°	14998	19145	0	19145



TEST NUMBER: P232022

CATALOG NUMBER: FVS4WM-3-LD4-40-1STD-P125-UNV-EDC1

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1.5	0.0
10°-20°	11.1	0.3
20°-30°	31.0	1.0
30°-40°	67.3	2.1
40°-50°	130.7	4.1
50°-60°	227.0	7.1
60°-70°	320.7	10.1
70°-80°	385.8	12.1
80°-90°	418.2	13.1
90°-100°	418.2	13.1
100°-110°	385.8	12.1
110°-120°	320.7	10.1
120°-130°	227.0	7.1
130°-140°	130.7	4.1
140°-150°	67.3	2.1
150°-160°	31.0	1.0
160°-170°	11.1	0.3
170°-180°	1.5	0.0
0°-30°	43.6	1.4
0°-40°	110.9	3.5
0°-60°	468.6	14.7
0°-90°	1593.2	50.0
90°-120°	1124.6	35.3
90°-150°	1549.6	48.6
90°-180°	1593.0	50.0
0°-180°	3186.5	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	0	0	0	0	0	
5°	25	7	0	7	25	3
15°	80	22	0	22	80	24
25°	168	42	0	42	168	81
35°	291	77	0	77	291	190
45°	565	112	0	112	565	447
55°	965	149	0	149	965	854
65°	1168	186	0	186	1168	1156
75°	1283	193	1	193	1283	1353
85°	1332	189	0	189	1332	1086
90°	1337	187	0	187	1337	733
95°	1332	189	0	189	1332	1086
105°	1283	193	1	193	1283	1353
115°	1168	186	0	186	1168	1156
125°	965	149	0	149	965	854
135°	565	112	0	112	565	447
145°	291	77	0	77	291	190
155°	168	42	0	42	168	81
165°	80	22	0	22	80	24
175°	25	7	0	7	25	3
180°	0	0	0	0	0	



TEST NUMBER: P232022

CATALOG NUMBER: FVS4WM-3-LD4-40-1STD-P125-UNV-EDC1

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°	11.6	11.8	11.9	12.1	12.2	12.4	12.5	12.1	12.1	12.1	12.0
5°	24.9	25.2	25.6	25.9	26.2	25.9	26.0	26.0	25.9	25.8	25.6
7.5°	38.1	38.6	39.1	39.7	39.6	39.7	39.8	39.8	39.8	39.6	39.4
10°	49.7	50.4	51.2	51.9	52.0	52.3	52.5	52.6	52.6	52.6	52.4
12.5°	62.2	63.1	64.0	64.4	64.8	65.2	65.4	65.5	65.5	65.4	65.1
15°	80.4	81.1	81.8	81.6	81.6	81.5	81.2	80.8	80.2	79.6	78.8
17.5°	100.3	100.6	100.9	100.1	99.6	98.9	98.0	97.0	95.8	94.5	93.2
20°	121.9	121.8	121.8	120.2	119.1	117.7	116.1	114.3	112.2	110.1	107.7
22.5°	144.3	143.8	143.4	141.2	139.5	137.4	135.1	132.5	129.7	126.6	123.3
25°	168.3	167.4	165.5	163.4	160.9	158.1	154.9	151.5	147.7	143.7	139.5
27.5°	197.3	195.8	193.1	190.0	186.5	182.4	177.8	172.8	167.5	161.7	156.2
30°	228.8	227.4	224.3	220.9	216.6	211.6	205.7	199.0	191.5	183.2	176.2
32.5°	262.0	261.0	258.1	254.7	250.2	244.7	238.0	230.3	221.5	212.0	202.3
35°	291.0	291.3	289.6	287.2	283.7	278.8	272.5	264.7	255.4	244.9	233.2
37.5°	331.7	333.0	331.5	329.1	325.1	319.3	311.7	302.3	291.4	280.5	267.6
40°	397.2	397.7	393.6	388.5	381.4	372.3	361.4	348.9	336.1	322.5	306.9
42.5°	475.1	474.2	467.3	459.2	448.6	435.8	421.0	404.3	388.0	370.7	352.2
45°	564.6	561.5	551.0	539.1	524.2	506.8	487.1	468.3	445.0	422.8	400.1
47.5°	662.5	658.7	645.7	630.6	611.2	587.8	560.6	532.4	505.9	478.3	452.5
50°	774.4	771.3	756.5	738.5	714.6	684.8	649.2	613.5	576.3	537.6	507.1
52.5°	878.9	878.8	866.1	849.6	825.9	794.9	756.4	712.5	660.5	609.7	566.6
55°	965.1	966.4	956.7	943.9	925.3	900.8	868.3	816.8	750.9	688.4	629.8
57.5°	1024.0	1026.0	1019.8	1011.5	999.0	982.5	956.2	901.4	842.2	765.5	694.3
60°	1078.7	1080.3	1073.8	1065.7	1054.1	1039.3	1010.9	965.1	905.9	835.0	759.2
62.5°	1128.5	1127.5	1122.5	1113.9	1101.9	1087.0	1058.6	1018.1	962.9	896.2	816.5
65°	1168.3	1166.7	1161.7	1153.6	1143.0	1128.5	1105.5	1074.5	1020.8	952.5	871.3
67.5°	1203.9	1202.0	1196.6	1187.7	1175.9	1162.0	1144.8	1119.0	1082.2	1014.2	927.7
70°	1232.9	1231.2	1226.0	1217.8	1206.5	1191.5	1174.8	1153.4	1124.3	1072.7	980.8
72.5°	1258.6	1254.9	1248.7	1240.9	1231.7	1215.8	1199.1	1179.8	1151.7	1101.7	1025.2
75°	1282.7	1276.8	1268.1	1259.3	1249.7	1235.5	1218.0	1200.0	1177.7	1130.4	1054.3
77.5°	1300.1	1295.0	1286.0	1277.4	1267.2	1254.1	1235.8	1217.1	1194.9	1158.9	1085.1
80°	1313.4	1310.4	1302.4	1293.1	1282.0	1267.7	1251.3	1233.1	1210.3	1182.6	1110.3
82.5°	1330.0	1322.0	1313.1	1300.9	1291.3	1276.9	1261.4	1243.6	1221.0	1192.0	1131.2
85°	1331.6	1325.9	1321.6	1307.7	1296.8	1282.4	1266.2	1248.7	1225.4	1198.4	1147.1
87.5°	1339.1	1331.0	1322.2	1307.3	1299.2	1284.3	1266.8	1251.3	1226.2	1202.5	1156.0
90°	1336.6	1323.3	1319.2	1307.6	1296.8	1283.5	1264.4	1251.2	1223.8	1203.1	1155.8
92.5°	1339.1	1331.0	1322.2	1307.3	1299.2	1284.3	1266.8	1251.3	1226.2	1202.5	1156.0
95°	1331.6	1325.9	1321.6	1307.7	1296.8	1282.4	1266.2	1248.7	1225.4	1198.4	1147.1
97.5°	1330.0	1322.0	1313.1	1300.9	1291.3	1276.9	1261.4	1243.6	1221.0	1192.0	1131.2
100°	1313.4	1310.4	1302.4	1293.1	1282.0	1267.7	1251.3	1233.1	1210.3	1182.6	1110.3
102.5°	1300.1	1295.0	1286.0	1277.4	1267.2	1254.1	1235.8	1217.1	1194.9	1158.9	1085.1
105°	1282.7	1276.8	1268.1	1259.3	1249.7	1235.5	1218.0	1200.0	1177.7	1130.4	1054.3
107.5°	1258.6	1254.9	1248.7	1240.9	1231.7	1215.8	1199.1	1179.8	1151.7	1101.7	1025.2
110°	1232.9	1231.2	1226.0	1217.8	1206.5	1191.5	1174.8	1153.4	1124.3	1072.7	980.8



TEST NUMBER: P232022

CATALOG NUMBER: FVS4WM-3-LD4-40-1STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
112.5°	1203.9	1202.0	1196.6	1187.7	1175.9	1162.0	1144.8	1119.0	1082.2	1014.2	927.7
115°	1168.3	1166.7	1161.7	1153.6	1143.0	1128.5	1105.5	1074.5	1020.8	952.5	871.3
117.5°	1128.5	1127.5	1122.5	1113.9	1101.9	1087.0	1058.6	1018.1	962.9	896.2	816.5
120°	1078.7	1080.3	1073.8	1065.7	1054.1	1039.3	1010.9	965.1	905.9	835.0	759.2
122.5°	1024.0	1026.0	1019.8	1011.5	999.0	982.5	956.2	901.4	842.2	765.5	694.3
125°	965.1	966.4	956.7	943.9	925.3	900.8	868.3	816.8	750.9	688.4	629.8
127.5°	878.9	878.8	866.1	849.6	825.9	794.9	756.4	712.5	660.5	609.7	566.6
130°	774.4	771.3	756.5	738.5	714.6	684.8	649.2	613.5	576.3	537.6	507.1
132.5°	662.5	658.7	645.7	630.6	611.2	587.8	560.6	532.4	505.9	478.3	452.5
135°	564.6	561.5	551.0	539.1	524.2	506.8	487.1	468.3	445.0	422.8	400.1
137.5°	475.1	474.2	467.3	459.2	448.6	435.8	421.0	404.3	388.0	370.7	352.2
140°	397.2	397.7	393.6	388.5	381.4	372.3	361.4	348.9	336.1	322.5	306.9
142.5°	331.7	333.0	331.5	329.1	325.1	319.3	311.7	302.3	291.4	280.5	267.6
145°	291.0	291.3	289.6	287.2	283.7	278.8	272.5	264.7	255.4	244.9	233.2
147.5°	262.0	261.0	258.1	254.7	250.2	244.7	238.0	230.3	221.5	212.0	202.3
150°	228.8	227.4	224.3	220.9	216.6	211.6	205.7	199.0	191.5	183.2	176.2
152.5°	197.3	195.8	193.1	190.0	186.5	182.4	177.8	172.8	167.5	161.7	156.2
155°	168.3	167.4	165.5	163.4	160.9	158.1	154.9	151.5	147.7	143.7	139.5
157.5°	144.3	143.8	143.4	141.2	139.5	137.4	135.1	132.5	129.7	126.6	123.3
160°	121.9	121.8	121.8	120.2	119.1	117.7	116.1	114.3	112.2	110.1	107.7
162.5°	100.3	100.6	100.9	100.1	99.6	98.9	98.0	97.0	95.8	94.5	93.2
165°	80.4	81.1	81.8	81.6	81.6	81.5	81.2	80.8	80.2	79.6	78.8
167.5°	62.2	63.1	64.0	64.4	64.8	65.2	65.4	65.5	65.5	65.4	65.1
170°	49.7	50.4	51.2	51.9	52.0	52.3	52.5	52.6	52.6	52.6	52.4
172.5°	38.1	38.6	39.1	39.7	39.6	39.7	39.8	39.8	39.8	39.6	39.4
175°	24.9	25.2	25.6	25.9	26.2	25.9	26.0	26.0	25.9	25.8	25.6
177.5°	11.6	11.8	11.9	12.1	12.2	12.4	12.5	12.1	12.1	12.1	12.0
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: P232022

CATALOG NUMBER: FVS4WM-3-LD4-40-1STD-P125-UNV-EDC1

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°	12.0	11.8	11.7	11.6	11.4	11.2	11.0	10.8	10.5	10.2	9.9
5°	25.4	25.1	24.8	24.4	24.0	23.5	22.9	22.3	21.7	21.0	20.3
7.5°	39.1	38.7	38.2	37.7	37.0	36.3	35.6	34.7	33.8	32.8	31.7
10°	52.1	51.7	51.2	50.6	49.9	49.1	48.1	47.0	45.7	44.4	43.0
12.5°	64.8	64.3	63.7	63.0	62.2	61.2	60.1	58.8	57.4	55.9	54.3
15°	78.0	77.1	76.1	75.1	74.2	73.0	71.8	70.5	69.0	67.2	65.2
17.5°	91.7	90.2	88.8	87.4	86.0	84.5	83.1	81.6	79.8	78.0	76.1
20°	105.3	103.0	101.0	98.9	96.9	94.9	93.1	91.4	89.8	88.2	86.2
22.5°	120.1	116.9	113.7	110.4	107.1	104.4	102.1	99.9	97.9	96.2	94.6
25°	135.4	131.2	126.9	122.5	118.4	114.6	110.8	107.3	105.1	103.0	101.3
27.5°	151.1	145.8	140.4	135.1	130.1	125.0	120.4	115.9	111.9	108.5	106.6
30°	169.0	161.5	154.4	147.8	141.6	135.4	129.8	124.2	120.4	118.0	115.6
32.5°	191.7	180.3	170.7	162.0	153.2	145.9	141.1	136.9	133.1	129.3	126.5
35°	220.3	206.7	193.6	179.6	168.9	162.2	155.2	150.5	145.6	141.4	137.3
37.5°	253.0	237.7	221.4	208.1	194.5	181.7	172.6	164.8	158.4	153.1	148.4
40°	289.8	272.8	255.9	239.6	223.1	207.4	193.3	181.1	172.4	165.0	159.4
42.5°	333.2	313.2	292.7	273.6	255.5	235.6	216.8	201.6	187.6	178.1	170.3
45°	379.0	356.3	333.1	308.9	286.4	264.8	244.0	223.0	206.7	192.3	182.1
47.5°	426.7	400.4	374.5	347.5	320.4	294.5	271.0	248.3	226.1	209.0	195.2
50°	476.1	446.3	416.2	386.7	357.8	326.4	298.0	272.9	248.8	226.5	208.8
52.5°	526.3	492.2	458.5	425.7	392.8	360.9	326.8	297.2	272.3	245.5	227.7
55°	580.7	537.0	499.7	463.6	428.4	392.9	356.9	322.3	295.8	272.1	251.0
57.5°	634.3	582.1	538.6	499.7	462.0	425.0	388.1	353.0	321.0	296.5	274.2
60°	683.8	624.0	573.8	532.4	493.3	455.2	417.3	380.6	347.1	319.4	296.4
62.5°	735.0	659.1	605.0	560.1	520.2	482.2	443.5	406.0	371.2	340.2	316.6
65°	782.4	703.4	634.6	584.9	542.7	504.4	467.2	428.1	392.6	361.0	335.7
67.5°	835.0	748.5	671.8	608.6	560.8	522.3	487.0	448.4	412.0	380.0	353.0
70°	884.0	789.6	707.0	631.1	577.9	536.7	501.7	466.3	428.5	396.4	368.6
72.5°	925.3	825.2	735.1	656.5	592.4	547.2	512.7	483.5	442.5	410.7	383.3
75°	957.6	855.6	757.3	675.8	602.9	555.2	520.3	489.0	452.1	419.9	394.6
77.5°	980.9	877.8	775.0	692.9	619.6	564.1	524.4	491.6	457.7	426.5	403.5
80°	1004.5	899.7	799.2	709.5	633.2	570.8	527.1	492.9	460.5	431.0	410.2
82.5°	1027.7	918.5	816.3	721.3	642.6	575.3	528.2	493.0	460.8	433.5	415.2
85°	1040.6	929.9	826.1	728.0	647.7	577.4	527.6	491.8	459.0	434.6	419.0
87.5°	1043.4	937.6	832.1	732.2	650.5	578.2	526.3	489.9	456.1	434.7	422.0
90°	1036.4	929.5	824.2	726.3	645.1	573.8	521.5	485.1	451.1	433.6	424.5
92.5°	1043.4	937.6	832.1	732.2	650.5	578.2	526.3	489.9	456.1	434.7	422.0
95°	1040.6	929.9	826.1	728.0	647.7	577.4	527.6	491.8	459.0	434.6	419.0
97.5°	1027.7	918.5	816.3	721.3	642.6	575.3	528.2	493.0	460.8	433.5	415.2
100°	1004.5	899.7	799.2	709.5	633.2	570.8	527.1	492.9	460.5	431.0	410.2
102.5°	980.9	877.8	775.0	692.9	619.6	564.1	524.4	491.6	457.7	426.5	403.5
105°	957.6	855.6	757.3	675.8	602.9	555.2	520.3	489.0	452.1	419.9	394.6
107.5°	925.3	825.2	735.1	656.5	592.4	547.2	512.7	483.5	442.5	410.7	383.3
110°	884.0	789.6	707.0	631.1	577.9	536.7	501.7	466.3	428.5	396.4	368.6



TEST NUMBER: P232022

CATALOG NUMBER: FVS4WM-3-LD4-40-1STD-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°	835.0	748.5	671.8	608.6	560.8	522.3	487.0	448.4	412.0	380.0	353.0
115°	782.4	703.4	634.6	584.9	542.7	504.4	467.2	428.1	392.6	361.0	335.7
117.5°	735.0	659.1	605.0	560.1	520.2	482.2	443.5	406.0	371.2	340.2	316.6
120°	683.8	624.0	573.8	532.4	493.3	455.2	417.3	380.6	347.1	319.4	296.4
122.5°	634.3	582.1	538.6	499.7	462.0	425.0	388.1	353.0	321.0	296.5	274.2
125°	580.7	537.0	499.7	463.6	428.4	392.9	356.9	322.3	295.8	272.1	251.0
127.5°	526.3	492.2	458.5	425.7	392.8	360.9	326.8	297.2	272.3	245.5	227.7
130°	476.1	446.3	416.2	386.7	357.8	326.4	298.0	272.9	248.8	226.5	208.8
132.5°	426.7	400.4	374.5	347.5	320.4	294.5	271.0	248.3	226.1	209.0	195.2
135°	379.0	356.3	333.1	308.9	286.4	264.8	244.0	223.0	206.7	192.3	182.1
137.5°	333.2	313.2	292.7	273.6	255.5	235.6	216.8	201.6	187.6	178.1	170.3
140°	289.8	272.8	255.9	239.6	223.1	207.4	193.3	181.1	172.4	165.0	159.4
142.5°	253.0	237.7	221.4	208.1	194.5	181.7	172.6	164.8	158.4	153.1	148.4
145°	220.3	206.7	193.6	179.6	168.9	162.2	155.2	150.5	145.6	141.4	137.3
147.5°	191.7	180.3	170.7	162.0	153.2	145.9	141.1	136.9	133.1	129.3	126.5
150°	169.0	161.5	154.4	147.8	141.6	135.4	129.8	124.2	120.4	118.0	115.6
152.5°	151.1	145.8	140.4	135.1	130.1	125.0	120.4	115.9	111.9	108.5	106.6
155°	135.4	131.2	126.9	122.5	118.4	114.6	110.8	107.3	105.1	103.0	101.3
157.5°	120.1	116.9	113.7	110.4	107.1	104.4	102.1	99.9	97.9	96.2	94.6
160°	105.3	103.0	101.0	98.9	96.9	94.9	93.1	91.4	89.8	88.2	86.2
162.5°	91.7	90.2	88.8	87.4	86.0	84.5	83.1	81.6	79.8	78.0	76.1
165°	78.0	77.1	76.1	75.1	74.2	73.0	71.8	70.5	69.0	67.2	65.2
167.5°	64.8	64.3	63.7	63.0	62.2	61.2	60.1	58.8	57.4	55.9	54.3
170°	52.1	51.7	51.2	50.6	49.9	49.1	48.1	47.0	45.7	44.4	43.0
172.5°	39.1	38.7	38.2	37.7	37.0	36.3	35.6	34.7	33.8	32.8	31.7
175°	25.4	25.1	24.8	24.4	24.0	23.5	22.9	22.3	21.7	21.0	20.3
177.5°	12.0	11.8	11.7	11.6	11.4	11.2	11.0	10.8	10.5	10.2	9.9
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: P232022

CATALOG NUMBER: FVS4WM-3-LD4-40-1STD-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°	9.6	9.3	9.0	8.6	8.2	7.8	7.4	7.0	6.5	6.1	5.6
5°	19.5	18.7	17.8	17.1	16.3	15.5	14.7	13.9	13.0	12.1	11.2
7.5°	30.5	29.2	27.9	26.5	25.1	23.6	22.1	20.7	19.5	18.1	16.8
10°	41.5	39.9	38.3	36.4	34.4	32.4	30.3	28.1	25.9	24.1	22.3
12.5°	52.4	50.4	48.3	46.1	43.8	41.4	38.7	35.9	33.1	30.2	27.7
15°	63.1	60.9	58.8	55.8	53.0	50.2	47.2	43.9	40.4	36.9	33.3
17.5°	74.3	71.3	68.4	65.5	62.3	58.9	55.4	51.8	47.8	43.7	39.4
20°	83.8	81.3	78.6	75.1	71.5	67.7	63.7	59.6	55.3	50.5	45.5
22.5°	93.1	90.6	87.7	84.7	80.8	76.5	72.0	67.3	62.5	57.4	51.7
25°	99.7	98.4	96.6	93.3	90.1	86.0	81.3	76.6	71.6	66.6	61.0
27.5°	105.9	105.3	104.6	103.3	99.9	96.4	91.7	86.6	81.4	76.0	70.4
30°	114.5	113.6	112.6	111.5	109.5	105.7	101.6	96.3	91.2	85.3	79.6
32.5°	123.8	122.1	121.0	119.6	117.9	114.9	110.7	105.8	100.1	94.3	88.3
35°	134.1	131.2	129.4	127.9	125.9	123.7	119.5	115.2	109.0	103.1	97.0
37.5°	144.2	140.9	138.0	136.1	134.5	131.6	128.1	123.3	117.8	111.7	105.4
40°	154.5	150.3	147.1	144.4	142.3	139.7	136.4	131.6	126.2	120.0	113.7
42.5°	164.5	159.9	155.9	152.9	150.4	148.1	144.3	139.7	134.4	128.2	121.8
45°	174.7	168.8	164.7	161.3	158.5	155.9	152.3	147.7	142.2	136.1	129.7
47.5°	184.4	178.2	173.1	169.5	166.5	164.6	163.4	160.9	157.9	154.0	148.8
50°	196.5	187.7	184.1	182.5	181.5	181.0	180.8	180.0	178.4	175.6	170.6
52.5°	214.5	206.0	201.6	198.8	197.2	196.7	197.3	198.0	198.3	197.1	192.1
55°	235.8	225.7	219.0	215.0	213.0	212.4	213.3	215.2	217.6	217.9	213.4
57.5°	256.9	244.7	236.5	231.6	228.9	227.9	228.7	231.7	236.2	238.1	234.7
60°	276.4	263.5	254.5	248.5	244.8	243.2	243.7	247.5	253.9	257.8	255.8
62.5°	296.4	282.3	272.4	265.2	260.5	258.3	258.6	263.2	271.0	277.2	276.9
65°	315.2	299.8	289.6	281.8	276.1	273.6	273.8	278.6	287.7	296.3	297.9
67.5°	332.2	316.1	306.3	298.5	292.3	289.1	288.9	293.7	304.0	315.1	318.8
70°	347.7	332.1	322.7	314.6	307.2	302.3	300.7	304.1	313.6	323.6	323.9
72.5°	362.4	346.0	334.5	325.6	317.8	311.9	309.3	312.0	320.9	330.3	327.2
75°	375.1	358.7	345.6	336.3	328.3	321.6	317.9	319.8	328.4	337.6	330.8
77.5°	386.4	371.1	356.6	346.8	338.7	331.4	326.6	327.8	336.1	345.4	334.6
80°	396.3	383.0	367.3	357.0	348.9	341.2	335.2	335.8	344.0	353.6	338.6
82.5°	405.2	394.5	377.9	366.9	358.9	351.0	343.9	344.0	352.1	362.0	343.6
85°	413.2	405.5	388.2	376.6	368.8	361.0	352.5	352.0	360.1	371.0	347.1
87.5°	420.7	416.4	398.3	386.3	378.5	370.3	361.2	360.5	368.7	379.1	350.5
90°	427.8	426.2	407.9	395.5	388.0	379.7	369.8	369.0	377.3	387.2	354.0
92.5°	420.7	416.4	398.3	386.3	378.5	370.3	361.2	360.5	368.7	379.1	350.5
95°	413.2	405.5	388.2	376.6	368.8	361.0	352.5	352.0	360.1	371.0	347.1
97.5°	405.2	394.5	377.9	366.9	358.9	351.0	343.9	344.0	352.1	362.0	343.6
100°	396.3	383.0	367.3	357.0	348.9	341.2	335.2	335.8	344.0	353.6	338.6
102.5°	386.4	371.1	356.6	346.8	338.7	331.4	326.6	327.8	336.1	345.4	334.6
105°	375.1	358.7	345.6	336.3	328.3	321.6	317.9	319.8	328.4	337.6	330.8
107.5°	362.4	346.0	334.5	325.6	317.8	311.9	309.3	312.0	320.9	330.3	327.2
110°	347.7	332.1	322.7	314.6	307.2	302.3	300.7	304.1	313.6	323.6	323.9



TEST NUMBER: P232022

CATALOG NUMBER: FVS4WM-3-LD4-40-1STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	332.2	316.1	306.3	298.5	292.3	289.1	288.9	293.7	304.0	315.1	318.8
115°	315.2	299.8	289.6	281.8	276.1	273.6	273.8	278.6	287.7	296.3	297.9
117.5°	296.4	282.3	272.4	265.2	260.5	258.3	258.6	263.2	271.0	277.2	276.9
120°	276.4	263.5	254.5	248.5	244.8	243.2	243.7	247.5	253.9	257.8	255.8
122.5°	256.9	244.7	236.5	231.6	228.9	227.9	228.7	231.7	236.2	238.1	234.7
125°	235.8	225.7	219.0	215.0	213.0	212.4	213.3	215.2	217.6	217.9	213.4
127.5°	214.5	206.0	201.6	198.8	197.2	196.7	197.3	198.0	198.3	197.1	192.1
130°	196.5	187.7	184.1	182.5	181.5	181.0	180.8	180.0	178.4	175.6	170.6
132.5°	184.4	178.2	173.1	169.5	166.5	164.6	163.4	160.9	157.9	154.0	148.8
135°	174.7	168.8	164.7	161.3	158.5	155.9	152.3	147.7	142.2	136.1	129.7
137.5°	164.5	159.9	155.9	152.9	150.4	148.1	144.3	139.7	134.4	128.2	121.8
140°	154.5	150.3	147.1	144.4	142.3	139.7	136.4	131.6	126.2	120.0	113.7
142.5°	144.2	140.9	138.0	136.1	134.5	131.6	128.1	123.3	117.8	111.7	105.4
145°	134.1	131.2	129.4	127.9	125.9	123.7	119.5	115.2	109.0	103.1	97.0
147.5°	123.8	122.1	121.0	119.6	117.9	114.9	110.7	105.8	100.1	94.3	88.3
150°	114.5	113.6	112.6	111.5	109.5	105.7	101.6	96.3	91.2	85.3	79.6
152.5°	105.9	105.3	104.6	103.3	99.9	96.4	91.7	86.6	81.4	76.0	70.4
155°	99.7	98.4	96.6	93.3	90.1	86.0	81.3	76.6	71.6	66.6	61.0
157.5°	93.1	90.6	87.7	84.7	80.8	76.5	72.0	67.3	62.5	57.4	51.7
160°	83.8	81.3	78.6	75.1	71.5	67.7	63.7	59.6	55.3	50.5	45.5
162.5°	74.3	71.3	68.4	65.5	62.3	58.9	55.4	51.8	47.8	43.7	39.4
165°	63.1	60.9	58.8	55.8	53.0	50.2	47.2	43.9	40.4	36.9	33.3
167.5°	52.4	50.4	48.3	46.1	43.8	41.4	38.7	35.9	33.1	30.2	27.7
170°	41.5	39.9	38.3	36.4	34.4	32.4	30.3	28.1	25.9	24.1	22.3
172.5°	30.5	29.2	27.9	26.5	25.1	23.6	22.1	20.7	19.5	18.1	16.8
175°	19.5	18.7	17.8	17.1	16.3	15.5	14.7	13.9	13.0	12.1	11.2
177.5°	9.6	9.3	9.0	8.6	8.2	7.8	7.4	7.0	6.5	6.1	5.6
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: P232022

CATALOG NUMBER: FVS4WM-3-LD4-40-1STD-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°	5.2	4.7	4.2	3.7	3.7	3.6	3.6	3.6	3.5	3.5	3.4
5°	10.3	9.3	8.4	7.4	7.3	7.2	7.1	7.0	6.9	6.8	6.6
7.5°	15.4	14.0	12.5	11.1	10.9	10.7	10.5	10.3	10.1	9.8	9.6
10°	20.5	18.6	16.7	14.8	14.5	14.2	13.9	13.5	13.1	12.8	12.5
12.5°	25.5	23.2	20.8	18.4	18.0	17.6	17.1	16.6	16.1	15.8	15.4
15°	30.5	27.7	25.0	22.1	21.5	20.9	20.2	19.6	19.1	18.7	18.2
17.5°	35.4	32.3	29.1	25.8	25.0	24.1	23.3	22.6	22.1	21.5	20.9
20°	40.4	36.8	33.2	29.5	28.5	27.3	26.3	25.6	24.9	24.3	23.7
22.5°	45.9	41.3	37.3	33.2	31.9	30.5	29.3	28.6	27.8	27.1	26.5
25°	55.1	49.9	46.0	41.9	40.8	39.5	38.4	37.4	36.3	35.0	33.6
27.5°	64.4	58.6	54.7	50.7	49.8	48.8	48.1	47.4	46.3	44.9	43.0
30°	73.4	67.1	63.3	59.4	58.9	58.2	58.0	57.6	56.3	54.8	52.0
32.5°	82.2	75.8	71.9	68.2	68.1	67.9	68.1	67.7	66.4	64.1	60.4
35°	90.7	84.5	80.4	76.9	77.3	77.6	78.3	77.9	76.4	72.8	68.5
37.5°	99.1	92.9	88.8	85.7	86.6	87.5	88.7	88.0	86.5	81.2	75.8
40°	107.3	101.2	97.1	94.4	95.9	97.5	99.2	98.2	95.3	89.3	82.7
42.5°	115.3	109.4	105.4	103.2	105.3	107.6	109.8	108.4	103.9	97.3	89.2
45°	123.2	117.5	113.6	111.9	114.8	117.7	120.0	118.6	112.3	104.2	95.2
47.5°	140.9	132.9	126.0	121.2	121.4	122.5	123.0	121.3	114.4	106.4	98.0
50°	160.3	149.1	138.7	130.5	127.9	126.6	125.1	121.8	114.0	105.8	97.6
52.5°	180.1	165.6	151.5	139.8	134.1	130.4	126.9	121.9	113.8	105.5	97.7
55°	200.3	182.5	164.6	149.1	140.1	133.9	128.5	122.0	113.6	105.4	98.2
57.5°	220.9	199.7	177.9	158.5	146.0	137.2	129.9	122.2	113.6	105.6	99.2
60°	241.9	217.2	191.3	167.8	151.7	140.2	131.2	122.4	113.8	106.4	100.8
62.5°	263.2	234.9	204.9	177.1	157.2	143.0	132.3	122.7	114.1	107.4	103.2
65°	284.7	252.8	218.6	186.4	162.7	145.7	133.2	123.0	114.7	108.8	106.1
67.5°	306.4	270.8	232.4	195.7	168.0	148.2	134.1	123.4	115.4	110.4	109.3
70°	308.9	271.3	231.7	194.7	166.7	146.9	132.9	122.4	114.8	110.4	110.4
72.5°	309.8	271.0	230.9	193.7	165.3	145.5	131.7	121.4	113.8	109.7	110.0
75°	310.5	270.5	231.3	192.7	164.0	144.3	130.5	120.5	113.0	109.1	109.5
77.5°	311.1	269.9	230.0	191.7	162.8	143.1	129.4	119.7	112.2	108.5	108.9
80°	311.5	270.4	228.6	190.6	161.6	142.0	128.4	119.0	111.5	107.9	108.3
82.5°	312.8	269.0	227.2	189.6	160.5	141.0	127.5	118.3	110.9	107.4	107.6
85°	312.2	267.5	225.8	188.6	159.5	140.1	126.7	117.8	110.3	106.9	106.8
87.5°	311.6	266.0	224.4	187.6	158.5	139.3	125.9	117.3	109.8	106.5	106.1
90°	310.9	264.5	223.0	186.6	157.5	138.5	125.2	116.9	109.4	106.1	105.3
92.5°	311.6	266.0	224.4	187.6	158.5	139.3	125.9	117.3	109.8	106.5	106.1
95°	312.2	267.5	225.8	188.6	159.5	140.1	126.7	117.8	110.3	106.9	106.8
97.5°	312.8	269.0	227.2	189.6	160.5	141.0	127.5	118.3	110.9	107.4	107.6
100°	311.5	270.4	228.6	190.6	161.6	142.0	128.4	119.0	111.5	107.9	108.3
102.5°	311.1	269.9	230.0	191.7	162.8	143.1	129.4	119.7	112.2	108.5	108.9
105°	310.5	270.5	231.3	192.7	164.0	144.3	130.5	120.5	113.0	109.1	109.5
107.5°	309.8	271.0	230.9	193.7	165.3	145.5	131.7	121.4	113.8	109.7	110.0
110°	308.9	271.3	231.7	194.7	166.7	146.9	132.9	122.4	114.8	110.4	110.4



TEST NUMBER: P232022

CATALOG NUMBER: FVS4WM-3-LD4-40-1STD-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°	306.4	270.8	232.4	195.7	168.0	148.2	134.1	123.4	115.4	110.4	109.3
115°	284.7	252.8	218.6	186.4	162.7	145.7	133.2	123.0	114.7	108.8	106.1
117.5°	263.2	234.9	204.9	177.1	157.2	143.0	132.3	122.7	114.1	107.4	103.2
120°	241.9	217.2	191.3	167.8	151.7	140.2	131.2	122.4	113.8	106.4	100.8
122.5°	220.9	199.7	177.9	158.5	146.0	137.2	129.9	122.2	113.6	105.6	99.2
125°	200.3	182.5	164.6	149.1	140.1	133.9	128.5	122.0	113.6	105.4	98.2
127.5°	180.1	165.6	151.5	139.8	134.1	130.4	126.9	121.9	113.8	105.5	97.7
130°	160.3	149.1	138.7	130.5	127.9	126.6	125.1	121.8	114.0	105.8	97.6
132.5°	140.9	132.9	126.0	121.2	121.4	122.5	123.0	121.3	114.4	106.4	98.0
135°	123.2	117.5	113.6	111.9	114.8	117.7	120.0	118.6	112.3	104.2	95.2
137.5°	115.3	109.4	105.4	103.2	105.3	107.6	109.8	108.4	103.9	97.3	89.2
140°	107.3	101.2	97.1	94.4	95.9	97.5	99.2	98.2	95.3	89.3	82.7
142.5°	99.1	92.9	88.8	85.7	86.6	87.5	88.7	88.0	86.5	81.2	75.8
145°	90.7	84.5	80.4	76.9	77.3	77.6	78.3	77.9	76.4	72.8	68.5
147.5°	82.2	75.8	71.9	68.2	68.1	67.9	68.1	67.7	66.4	64.1	60.4
150°	73.4	67.1	63.3	59.4	58.9	58.2	58.0	57.6	56.3	54.8	52.0
152.5°	64.4	58.6	54.7	50.7	49.8	48.8	48.1	47.4	46.3	44.9	43.0
155°	55.1	49.9	46.0	41.9	40.8	39.5	38.4	37.4	36.3	35.0	33.6
157.5°	45.9	41.3	37.3	33.2	31.9	30.5	29.3	28.6	27.8	27.1	26.5
160°	40.4	36.8	33.2	29.5	28.5	27.3	26.3	25.6	24.9	24.3	23.7
162.5°	35.4	32.3	29.1	25.8	25.0	24.1	23.3	22.6	22.1	21.5	20.9
165°	30.5	27.7	25.0	22.1	21.5	20.9	20.2	19.6	19.1	18.7	18.2
167.5°	25.5	23.2	20.8	18.4	18.0	17.6	17.1	16.6	16.1	15.8	15.4
170°	20.5	18.6	16.7	14.8	14.5	14.2	13.9	13.5	13.1	12.8	12.5
172.5°	15.4	14.0	12.5	11.1	10.9	10.7	10.5	10.3	10.1	9.8	9.6
175°	10.3	9.3	8.4	7.4	7.3	7.2	7.1	7.0	6.9	6.8	6.6
177.5°	5.2	4.7	4.2	3.7	3.7	3.6	3.6	3.6	3.5	3.5	3.4
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: P232022

CATALOG NUMBER: FVS4WM-3-LD4-40-1STD-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°	3.3	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.6	2.5	2.4
5°	6.4	6.3	6.1	5.9	5.7	5.6	5.4	5.2	5.0	4.8	4.6
7.5°	9.3	9.1	8.9	8.6	8.4	8.1	7.8	7.5	7.2	6.9	6.6
10°	12.2	11.9	11.6	11.2	10.9	10.6	10.2	9.9	9.5	9.1	8.7
12.5°	15.0	14.6	14.2	13.8	13.4	13.0	12.6	12.1	11.7	11.2	10.7
15°	17.7	17.3	16.9	16.4	15.9	15.4	14.9	14.3	13.7	13.2	12.5
17.5°	20.5	20.0	19.5	18.9	18.3	17.7	17.1	16.3	15.6	14.8	14.0
20°	23.2	22.6	22.0	21.3	20.6	19.8	18.9	18.0	17.1	16.2	15.3
22.5°	25.9	25.2	24.5	23.7	22.7	21.7	20.6	19.6	18.6	17.5	16.7
25°	31.8	29.8	27.8	25.7	24.5	23.4	22.2	21.0	20.1	19.1	18.2
27.5°	40.6	38.1	35.4	32.6	29.9	27.2	24.7	22.7	21.7	20.5	19.2
30°	49.0	45.6	42.2	38.8	35.5	32.5	30.0	27.4	24.7	22.1	20.2
32.5°	56.6	52.4	48.3	44.2	40.6	37.4	34.3	31.2	28.2	25.7	23.3
35°	63.5	58.6	53.7	49.1	45.3	41.6	37.9	34.5	31.5	28.8	26.6
37.5°	70.0	64.1	58.4	53.8	49.4	45.0	41.0	37.5	34.4	31.8	29.2
40°	75.9	69.2	63.2	57.9	52.9	48.1	44.0	40.2	37.1	34.1	31.3
42.5°	81.4	73.7	67.5	61.6	56.0	51.0	46.5	42.8	39.4	36.1	33.1
45°	86.4	78.3	71.3	64.9	58.9	53.5	49.1	45.0	41.2	37.8	34.6
47.5°	89.6	82.3	75.0	67.9	61.6	56.0	51.2	46.9	42.9	39.1	35.8
50°	89.7	83.5	77.3	71.1	64.6	58.4	53.2	48.5	44.1	40.2	36.7
52.5°	91.0	85.5	80.5	75.2	69.5	63.5	57.3	51.0	45.3	41.2	37.4
55°	92.9	88.6	84.6	80.4	74.9	68.7	62.0	55.2	49.1	43.3	38.1
57.5°	95.4	92.5	89.7	86.2	80.8	73.8	66.4	59.2	52.5	46.1	40.8
60°	98.4	97.1	95.6	92.1	86.3	78.8	70.6	62.9	55.5	48.8	43.2
62.5°	102.2	102.3	102.2	98.5	91.8	83.5	74.7	66.3	57.9	51.4	45.1
65°	106.6	108.2	109.4	105.1	97.4	88.0	78.6	69.3	60.7	53.8	46.9
67.5°	111.5	114.6	115.9	111.5	103.0	92.5	82.3	72.0	63.5	55.9	48.9
70°	113.9	118.6	120.8	117.0	108.1	96.9	85.9	74.6	66.1	58.0	51.0
72.5°	113.3	117.9	119.7	116.2	108.5	98.5	87.8	77.0	68.7	60.2	53.1
75°	112.5	117.2	119.0	116.0	109.0	99.2	88.2	77.7	68.7	60.8	54.0
77.5°	111.6	116.4	118.5	116.4	109.9	100.3	89.1	78.4	68.9	61.0	54.1
80°	110.5	115.5	118.2	117.2	111.4	101.7	90.3	79.1	69.4	61.4	54.5
82.5°	109.3	114.5	118.0	118.3	113.2	103.4	91.8	80.1	70.0	62.0	55.1
85°	108.0	113.5	117.9	119.7	115.3	105.4	93.8	81.2	70.9	62.9	56.1
87.5°	106.7	112.3	117.9	121.2	117.7	107.7	96.1	82.7	72.2	64.0	57.3
90°	105.3	111.1	117.7	122.7	120.2	110.3	98.7	84.6	73.8	65.5	58.9
92.5°	106.7	112.3	117.9	121.2	117.7	107.7	96.1	82.7	72.2	64.0	57.3
95°	108.0	113.5	117.9	119.7	115.3	105.4	93.8	81.2	70.9	62.9	56.1
97.5°	109.3	114.5	118.0	118.3	113.2	103.4	91.8	80.1	70.0	62.0	55.1
100°	110.5	115.5	118.2	117.2	111.4	101.7	90.3	79.1	69.4	61.4	54.5
102.5°	111.6	116.4	118.5	116.4	109.9	100.3	89.1	78.4	68.9	61.0	54.1
105°	112.5	117.2	119.0	116.0	109.0	99.2	88.2	77.7	68.7	60.8	54.0
107.5°	113.3	117.9	119.7	116.2	108.5	98.5	87.8	77.0	68.7	60.2	53.1
110°	113.9	118.6	120.8	117.0	108.1	96.9	85.9	74.6	66.1	58.0	51.0



TEST NUMBER: P232022

CATALOG NUMBER: FVS4WM-3-LD4-40-1STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	111.5	114.6	115.9	111.5	103.0	92.5	82.3	72.0	63.5	55.9	48.9
115°	106.6	108.2	109.4	105.1	97.4	88.0	78.6	69.3	60.7	53.8	46.9
117.5°	102.2	102.3	102.2	98.5	91.8	83.5	74.7	66.3	57.9	51.4	45.1
120°	98.4	97.1	95.6	92.1	86.3	78.8	70.6	62.9	55.5	48.8	43.2
122.5°	95.4	92.5	89.7	86.2	80.8	73.8	66.4	59.2	52.5	46.1	40.8
125°	92.9	88.6	84.6	80.4	74.9	68.7	62.0	55.2	49.1	43.3	38.1
127.5°	91.0	85.5	80.5	75.2	69.5	63.5	57.3	51.0	45.3	41.2	37.4
130°	89.7	83.5	77.3	71.1	64.6	58.4	53.2	48.5	44.1	40.2	36.7
132.5°	89.6	82.3	75.0	67.9	61.6	56.0	51.2	46.9	42.9	39.1	35.8
135°	86.4	78.3	71.3	64.9	58.9	53.5	49.1	45.0	41.2	37.8	34.6
137.5°	81.4	73.7	67.5	61.6	56.0	51.0	46.5	42.8	39.4	36.1	33.1
140°	75.9	69.2	63.2	57.9	52.9	48.1	44.0	40.2	37.1	34.1	31.3
142.5°	70.0	64.1	58.4	53.8	49.4	45.0	41.0	37.5	34.4	31.8	29.2
145°	63.5	58.6	53.7	49.1	45.3	41.6	37.9	34.5	31.5	28.8	26.6
147.5°	56.6	52.4	48.3	44.2	40.6	37.4	34.3	31.2	28.2	25.7	23.3
150°	49.0	45.6	42.2	38.8	35.5	32.5	30.0	27.4	24.7	22.1	20.2
152.5°	40.6	38.1	35.4	32.6	29.9	27.2	24.7	22.7	21.7	20.5	19.2
155°	31.8	29.8	27.8	25.7	24.5	23.4	22.2	21.0	20.1	19.1	18.2
157.5°	25.9	25.2	24.5	23.7	22.7	21.7	20.6	19.6	18.6	17.5	16.7
160°	23.2	22.6	22.0	21.3	20.6	19.8	18.9	18.0	17.1	16.2	15.3
162.5°	20.5	20.0	19.5	18.9	18.3	17.7	17.1	16.3	15.6	14.8	14.0
165°	17.7	17.3	16.9	16.4	15.9	15.4	14.9	14.3	13.7	13.2	12.5
167.5°	15.0	14.6	14.2	13.8	13.4	13.0	12.6	12.1	11.7	11.2	10.7
170°	12.2	11.9	11.6	11.2	10.9	10.6	10.2	9.9	9.5	9.1	8.7
172.5°	9.3	9.1	8.9	8.6	8.4	8.1	7.8	7.5	7.2	6.9	6.6
175°	6.4	6.3	6.1	5.9	5.7	5.6	5.4	5.2	5.0	4.8	4.6
177.5°	3.3	3.3	3.2	3.1	3.0	2.9	2.8	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: P232022

CATALOG NUMBER: FVS4WM-3-LD4-40-1STD-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°	2.3	2.2	2.1	1.9	1.8	1.7	1.5	1.4	1.3	1.1	1.0
5°	4.4	4.1	3.9	3.7	3.4	3.2	2.9	2.7	2.4	2.2	1.9
7.5°	6.3	6.0	5.7	5.3	5.0	4.6	4.3	3.9	3.5	3.2	2.8
10°	8.3	7.9	7.4	7.0	6.5	6.0	5.6	5.1	4.6	4.1	3.6
12.5°	10.1	9.6	9.1	8.5	7.9	7.3	6.7	6.1	5.5	4.9	4.3
15°	11.8	11.1	10.4	9.7	9.0	8.3	7.6	6.9	6.2	5.5	4.8
17.5°	13.2	12.4	11.6	10.8	10.0	9.2	8.5	7.7	7.0	6.2	5.5
20°	14.4	13.5	12.7	11.9	11.1	10.3	9.5	8.6	7.7	6.8	5.9
22.5°	15.8	14.9	14.0	13.0	12.0	11.0	10.0	9.1	8.2	7.3	6.4
25°	17.1	15.9	14.8	13.7	12.8	11.8	10.8	9.9	8.9	8.0	7.1
27.5°	17.9	16.8	15.8	14.8	13.8	12.9	12.0	11.0	9.9	8.8	7.7
30°	19.1	18.0	17.1	16.2	15.2	14.1	12.9	11.7	10.6	9.5	8.4
32.5°	21.3	19.7	18.7	17.4	16.2	15.0	13.9	12.8	11.6	10.4	9.1
35°	24.5	22.2	20.1	18.6	17.5	16.4	15.0	13.6	12.3	10.9	9.6
37.5°	26.7	24.4	22.4	20.6	18.7	17.2	15.8	14.5	13.2	11.9	10.4
40°	28.7	26.4	24.2	22.0	20.1	18.5	17.1	15.6	14.0	12.5	10.9
42.5°	30.4	27.9	25.4	23.4	21.6	19.7	18.0	16.3	14.6	13.0	11.4
45°	31.7	28.9	26.6	24.4	22.4	20.4	18.6	16.9	15.4	13.9	12.3
47.5°	32.6	29.9	27.4	25.0	22.8	20.7	19.0	17.8	16.4	14.3	12.2
50°	33.4	30.5	27.9	25.2	22.8	21.0	19.4	17.4	15.7	14.4	12.5
52.5°	34.0	31.0	27.8	25.1	23.0	20.8	18.6	17.0	15.6	14.1	12.3
55°	34.4	30.9	27.6	25.0	22.4	20.0	18.3	16.7	15.0	13.4	12.2
57.5°	35.7	30.7	27.4	24.4	21.8	19.8	17.9	16.2	14.5	13.1	11.6
60°	37.4	32.5	27.9	23.7	21.4	19.5	17.6	15.7	14.0	12.4	10.8
62.5°	39.3	34.2	29.2	25.2	21.8	19.3	17.1	15.2	13.5	11.8	10.1
65°	41.1	35.6	30.8	26.7	23.2	19.6	16.7	14.9	13.1	11.6	10.2
67.5°	42.8	37.1	32.4	28.1	24.0	20.4	17.5	14.8	13.2	11.7	9.4
70°	44.5	38.8	33.9	29.1	24.7	21.3	18.2	15.6	13.5	10.9	8.8
72.5°	46.2	40.7	35.2	30.1	25.7	22.1	19.0	16.2	13.2	10.6	8.4
75°	47.7	42.5	36.3	31.0	26.6	23.0	19.5	16.2	13.1	10.4	7.4
77.5°	48.0	42.5	36.9	31.9	27.6	23.9	19.7	16.2	13.1	9.4	6.6
80°	48.6	42.9	37.4	32.4	28.0	23.9	19.8	16.4	12.7	8.3	5.6
82.5°	49.4	43.5	38.1	33.1	28.5	23.7	19.7	16.1	11.8	7.7	4.4
85°	50.3	44.5	39.2	33.9	29.0	23.8	19.8	16.0	11.2	7.3	3.8
87.5°	51.6	45.7	40.6	35.1	29.7	24.2	20.1	16.1	11.1	7.2	3.7
90°	53.1	47.3	42.3	36.5	30.7	24.9	20.7	16.6	11.6	7.5	4.1
92.5°	51.6	45.7	40.6	35.1	29.7	24.2	20.1	16.1	11.1	7.2	3.7
95°	50.3	44.5	39.2	33.9	29.0	23.8	19.8	16.0	11.2	7.3	3.8
97.5°	49.4	43.5	38.1	33.1	28.5	23.7	19.7	16.1	11.8	7.7	4.4
100°	48.6	42.9	37.4	32.4	28.0	23.9	19.8	16.4	12.7	8.3	5.6
102.5°	48.0	42.5	36.9	31.9	27.6	23.9	19.7	16.2	13.1	9.4	6.6
105°	47.7	42.5	36.3	31.0	26.6	23.0	19.5	16.2	13.1	10.4	7.4
107.5°	46.2	40.7	35.2	30.1	25.7	22.1	19.0	16.2	13.2	10.6	8.4
110°	44.5	38.8	33.9	29.1	24.7	21.3	18.2	15.6	13.5	10.9	8.8



TEST NUMBER: P232022

CATALOG NUMBER: FVS4WM-3-LD4-40-1STD-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°	42.8	37.1	32.4	28.1	24.0	20.4	17.5	14.8	13.2	11.7	9.4
115°	41.1	35.6	30.8	26.7	23.2	19.6	16.7	14.9	13.1	11.6	10.2
117.5°	39.3	34.2	29.2	25.2	21.8	19.3	17.1	15.2	13.5	11.8	10.1
120°	37.4	32.5	27.9	23.7	21.4	19.5	17.6	15.7	14.0	12.4	10.8
122.5°	35.7	30.7	27.4	24.4	21.8	19.8	17.9	16.2	14.5	13.1	11.6
125°	34.4	30.9	27.6	25.0	22.4	20.0	18.3	16.7	15.0	13.4	12.2
127.5°	34.0	31.0	27.8	25.1	23.0	20.8	18.6	17.0	15.6	14.1	12.3
130°	33.4	30.5	27.9	25.2	22.8	21.0	19.4	17.4	15.7	14.4	12.5
132.5°	32.6	29.9	27.4	25.0	22.8	20.7	19.0	17.8	16.4	14.3	12.2
135°	31.7	28.9	26.6	24.4	22.4	20.4	18.6	16.9	15.4	13.9	12.3
137.5°	30.4	27.9	25.4	23.4	21.6	19.7	18.0	16.3	14.6	13.0	11.4
140°	28.7	26.4	24.2	22.0	20.1	18.5	17.1	15.6	14.0	12.5	10.9
142.5°	26.7	24.4	22.4	20.6	18.7	17.2	15.8	14.5	13.2	11.9	10.4
145°	24.5	22.2	20.1	18.6	17.5	16.4	15.0	13.6	12.3	10.9	9.6
147.5°	21.3	19.7	18.7	17.4	16.2	15.0	13.9	12.8	11.6	10.4	9.1
150°	19.1	18.0	17.1	16.2	15.2	14.1	12.9	11.7	10.6	9.5	8.4
152.5°	17.9	16.8	15.8	14.8	13.8	12.9	12.0	11.0	9.9	8.8	7.7
155°	17.1	15.9	14.8	13.7	12.8	11.8	10.8	9.9	8.9	8.0	7.1
157.5°	15.8	14.9	14.0	13.0	12.0	11.0	10.0	9.1	8.2	7.3	6.4
160°	14.4	13.5	12.7	11.9	11.1	10.3	9.5	8.6	7.7	6.8	5.9
162.5°	13.2	12.4	11.6	10.8	10.0	9.2	8.5	7.7	7.0	6.2	5.5
165°	11.8	11.1	10.4	9.7	9.0	8.3	7.6	6.9	6.2	5.5	4.8
167.5°	10.1	9.6	9.1	8.5	7.9	7.3	6.7	6.1	5.5	4.9	4.3
170°	8.3	7.9	7.4	7.0	6.5	6.0	5.6	5.1	4.6	4.1	3.6
172.5°	6.3	6.0	5.7	5.3	5.0	4.6	4.3	3.9	3.5	3.2	2.8
175°	4.4	4.1	3.9	3.7	3.4	3.2	2.9	2.7	2.4	2.2	1.9
177.5°	2.3	2.2	2.1	1.9	1.8	1.7	1.5	1.4	1.3	1.1	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: P232022

CATALOG NUMBER: FVS4WM-3-LD4-40-1STD-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°	0.9	0.7	0.6	0.4	0.3	0.1	0.0	0.1	0.3	0.4	0.6
5°	1.6	1.4	1.1	0.8	0.5	0.3	0.0	0.3	0.5	0.8	1.1
7.5°	2.4	2.0	1.6	1.2	0.8	0.4	0.0	0.4	0.8	1.2	1.6
10°	3.1	2.6	2.1	1.6	1.0	0.5	0.0	0.5	1.0	1.6	2.1
12.5°	3.7	3.1	2.5	1.8	1.2	0.6	0.0	0.6	1.2	1.8	2.5
15°	4.2	3.5	2.8	2.1	1.4	0.7	0.0	0.7	1.4	2.1	2.8
17.5°	4.7	3.9	3.1	2.4	1.6	0.8	0.0	0.8	1.6	2.4	3.1
20°	5.1	4.2	3.4	2.5	1.7	0.8	0.0	0.8	1.7	2.5	3.4
22.5°	5.5	4.6	3.7	2.7	1.8	0.9	0.0	0.9	1.8	2.7	3.7
25°	6.1	5.1	4.1	3.1	2.1	1.0	0.0	1.0	2.1	3.1	4.1
27.5°	6.6	5.5	4.4	3.3	2.2	1.1	0.0	1.1	2.2	3.3	4.4
30°	7.2	6.0	4.9	3.7	2.4	1.2	0.0	1.2	2.4	3.7	4.9
32.5°	7.8	6.5	5.2	3.9	2.6	1.3	0.0	1.3	2.6	3.9	5.2
35°	8.3	7.0	5.6	4.2	2.8	1.4	0.0	1.4	2.8	4.2	5.6
37.5°	8.9	7.4	5.9	4.5	3.0	1.5	0.0	1.5	3.0	4.5	5.9
40°	9.3	7.8	6.2	4.6	3.1	1.5	0.0	1.5	3.1	4.6	6.2
42.5°	9.8	8.3	6.7	5.0	3.4	1.7	0.0	1.7	3.4	5.0	6.7
45°	10.5	8.6	6.8	5.0	3.3	1.7	0.0	1.7	3.3	5.0	6.8
47.5°	10.4	8.6	6.9	5.1	3.4	1.7	0.0	1.7	3.4	5.1	6.9
50°	10.6	8.7	6.8	5.0	3.3	1.6	0.0	1.6	3.3	5.0	6.8
52.5°	10.3	8.5	6.8	5.1	3.4	1.7	0.0	1.7	3.4	5.1	6.8
55°	10.5	8.5	6.6	4.9	3.2	1.6	0.0	1.6	3.2	4.9	6.6
57.5°	10.0	8.0	6.2	4.5	2.9	1.5	0.0	1.5	2.9	4.5	6.2
60°	9.2	7.5	5.9	4.4	2.9	1.4	0.0	1.4	2.9	4.4	5.9
62.5°	8.8	7.5	5.7	4.0	2.6	1.2	0.0	1.2	2.6	4.0	5.7
65°	8.3	6.5	4.8	3.3	2.1	1.0	0.0	1.0	2.1	3.3	4.8
67.5°	7.5	5.6	4.0	2.9	1.8	0.9	0.0	0.9	1.8	2.9	4.0
70°	6.8	5.0	3.6	2.3	1.5	1.1	0.8	1.1	1.5	2.3	3.6
72.5°	6.1	4.3	2.7	1.7	1.4	1.1	0.8	1.1	1.4	1.7	2.7
75°	5.6	3.7	2.3	1.5	1.0	0.8	0.8	0.8	1.0	1.5	2.3
77.5°	4.6	2.6	1.4	0.7	0.3	0.1	0.0	0.1	0.3	0.7	1.4
80°	3.0	1.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
82.5°	2.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	1.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	1.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	2.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	3.0	1.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
102.5°	4.6	2.6	1.4	0.7	0.3	0.1	0.0	0.1	0.3	0.7	1.4
105°	5.6	3.7	2.3	1.5	1.0	0.8	0.8	0.8	1.0	1.5	2.3
107.5°	6.1	4.3	2.7	1.7	1.4	1.1	0.8	1.1	1.4	1.7	2.7
110°	6.8	5.0	3.6	2.3	1.5	1.1	0.8	1.1	1.5	2.3	3.6



TEST NUMBER: P232022

CATALOG NUMBER: FVS4WM-3-LD4-40-1STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	7.5	5.6	4.0	2.9	1.8	0.9	0.0	0.9	1.8	2.9	4.0
115°	8.3	6.5	4.8	3.3	2.1	1.0	0.0	1.0	2.1	3.3	4.8
117.5°	8.8	7.5	5.7	4.0	2.6	1.2	0.0	1.2	2.6	4.0	5.7
120°	9.2	7.5	5.9	4.4	2.9	1.4	0.0	1.4	2.9	4.4	5.9
122.5°	10.0	8.0	6.2	4.5	2.9	1.5	0.0	1.5	2.9	4.5	6.2
125°	10.5	8.5	6.6	4.9	3.2	1.6	0.0	1.6	3.2	4.9	6.6
127.5°	10.3	8.5	6.8	5.1	3.4	1.7	0.0	1.7	3.4	5.1	6.8
130°	10.6	8.7	6.8	5.0	3.3	1.6	0.0	1.6	3.3	5.0	6.8
132.5°	10.4	8.6	6.9	5.1	3.4	1.7	0.0	1.7	3.4	5.1	6.9
135°	10.5	8.6	6.8	5.0	3.3	1.7	0.0	1.7	3.3	5.0	6.8
137.5°	9.8	8.3	6.7	5.0	3.4	1.7	0.0	1.7	3.4	5.0	6.7
140°	9.3	7.8	6.2	4.6	3.1	1.5	0.0	1.5	3.1	4.6	6.2
142.5°	8.9	7.4	5.9	4.5	3.0	1.5	0.0	1.5	3.0	4.5	5.9
145°	8.3	7.0	5.6	4.2	2.8	1.4	0.0	1.4	2.8	4.2	5.6
147.5°	7.8	6.5	5.2	3.9	2.6	1.3	0.0	1.3	2.6	3.9	5.2
150°	7.2	6.0	4.9	3.7	2.4	1.2	0.0	1.2	2.4	3.7	4.9
152.5°	6.6	5.5	4.4	3.3	2.2	1.1	0.0	1.1	2.2	3.3	4.4
155°	6.1	5.1	4.1	3.1	2.1	1.0	0.0	1.0	2.1	3.1	4.1
157.5°	5.5	4.6	3.7	2.7	1.8	0.9	0.0	0.9	1.8	2.7	3.7
160°	5.1	4.2	3.4	2.5	1.7	0.8	0.0	0.8	1.7	2.5	3.4
162.5°	4.7	3.9	3.1	2.4	1.6	0.8	0.0	0.8	1.6	2.4	3.1
165°	4.2	3.5	2.8	2.1	1.4	0.7	0.0	0.7	1.4	2.1	2.8
167.5°	3.7	3.1	2.5	1.8	1.2	0.6	0.0	0.6	1.2	1.8	2.5
170°	3.1	2.6	2.1	1.6	1.0	0.5	0.0	0.5	1.0	1.6	2.1
172.5°	2.4	2.0	1.6	1.2	0.8	0.4	0.0	0.4	0.8	1.2	1.6
175°	1.6	1.4	1.1	0.8	0.5	0.3	0.0	0.3	0.5	0.8	1.1
177.5°	0.9	0.7	0.6	0.4	0.3	0.1	0.0	0.1	0.3	0.4	0.6
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232022

CATALOG NUMBER: FVS4WM-3-LD4-40-1STD-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°	0.7	0.9	1.0	1.1	1.3	1.4	1.5	1.7	1.8	1.9	2.1
5°	1.4	1.6	1.9	2.2	2.4	2.7	2.9	3.2	3.4	3.7	3.9
7.5°	2.0	2.4	2.8	3.2	3.5	3.9	4.3	4.6	5.0	5.3	5.7
10°	2.6	3.1	3.6	4.1	4.6	5.1	5.6	6.0	6.5	7.0	7.4
12.5°	3.1	3.7	4.3	4.9	5.5	6.1	6.7	7.3	7.9	8.5	9.1
15°	3.5	4.2	4.8	5.5	6.2	6.9	7.6	8.3	9.0	9.7	10.4
17.5°	3.9	4.7	5.5	6.2	7.0	7.7	8.5	9.2	10.0	10.8	11.6
20°	4.2	5.1	5.9	6.8	7.7	8.6	9.5	10.3	11.1	11.9	12.7
22.5°	4.6	5.5	6.4	7.3	8.2	9.1	10.0	11.0	12.0	13.0	14.0
25°	5.1	6.1	7.1	8.0	8.9	9.9	10.8	11.8	12.8	13.7	14.8
27.5°	5.5	6.6	7.7	8.8	9.9	11.0	12.0	12.9	13.8	14.8	15.8
30°	6.0	7.2	8.4	9.5	10.6	11.7	12.9	14.1	15.2	16.2	17.1
32.5°	6.5	7.8	9.1	10.4	11.6	12.8	13.9	15.0	16.2	17.4	18.7
35°	7.0	8.3	9.6	10.9	12.3	13.6	15.0	16.4	17.5	18.6	20.1
37.5°	7.4	8.9	10.4	11.9	13.2	14.5	15.8	17.2	18.7	20.6	22.4
40°	7.8	9.3	10.9	12.5	14.0	15.6	17.1	18.5	20.1	22.0	24.2
42.5°	8.3	9.8	11.4	13.0	14.6	16.3	18.0	19.7	21.6	23.4	25.4
45°	8.6	10.5	12.3	13.9	15.4	16.9	18.6	20.4	22.4	24.4	26.6
47.5°	8.6	10.4	12.2	14.3	16.4	17.8	19.0	20.7	22.8	25.0	27.4
50°	8.7	10.6	12.5	14.4	15.7	17.4	19.4	21.0	22.8	25.2	27.9
52.5°	8.5	10.3	12.3	14.1	15.6	17.0	18.6	20.8	23.0	25.1	27.8
55°	8.5	10.5	12.2	13.4	15.0	16.7	18.3	20.0	22.4	25.0	27.6
57.5°	8.0	10.0	11.6	13.1	14.5	16.2	17.9	19.8	21.8	24.4	27.4
60°	7.5	9.2	10.8	12.4	14.0	15.7	17.6	19.5	21.4	23.7	27.9
62.5°	7.5	8.8	10.1	11.8	13.5	15.2	17.1	19.3	21.8	25.2	29.2
65°	6.5	8.3	10.2	11.6	13.1	14.9	16.7	19.6	23.2	26.7	30.8
67.5°	5.6	7.5	9.4	11.7	13.2	14.8	17.5	20.4	24.0	28.1	32.4
70°	5.0	6.8	8.8	10.9	13.5	15.6	18.2	21.3	24.7	29.1	33.9
72.5°	4.3	6.1	8.4	10.6	13.2	16.2	19.0	22.1	25.7	30.1	35.2
75°	3.7	5.6	7.4	10.4	13.1	16.2	19.5	23.0	26.6	31.0	36.3
77.5°	2.6	4.6	6.6	9.4	13.1	16.2	19.7	23.9	27.6	31.9	36.9
80°	1.5	3.0	5.6	8.3	12.7	16.4	19.8	23.9	28.0	32.4	37.4
82.5°	0.7	2.0	4.4	7.7	11.8	16.1	19.7	23.7	28.5	33.1	38.1
85°	0.3	1.4	3.8	7.3	11.2	16.0	19.8	23.8	29.0	33.9	39.2
87.5°	0.1	1.0	3.7	7.2	11.1	16.1	20.1	24.2	29.7	35.1	40.6
90°	0.0	0.8	4.1	7.5	11.6	16.6	20.7	24.9	30.7	36.5	42.3
92.5°	0.1	1.0	3.7	7.2	11.1	16.1	20.1	24.2	29.7	35.1	40.6
95°	0.3	1.4	3.8	7.3	11.2	16.0	19.8	23.8	29.0	33.9	39.2
97.5°	0.7	2.0	4.4	7.7	11.8	16.1	19.7	23.7	28.5	33.1	38.1
100°	1.5	3.0	5.6	8.3	12.7	16.4	19.8	23.9	28.0	32.4	37.4
102.5°	2.6	4.6	6.6	9.4	13.1	16.2	19.7	23.9	27.6	31.9	36.9
105°	3.7	5.6	7.4	10.4	13.1	16.2	19.5	23.0	26.6	31.0	36.3
107.5°	4.3	6.1	8.4	10.6	13.2	16.2	19.0	22.1	25.7	30.1	35.2
110°	5.0	6.8	8.8	10.9	13.5	15.6	18.2	21.3	24.7	29.1	33.9



TEST NUMBER: P232022

CATALOG NUMBER: FVS4WM-3-LD4-40-1STD-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°	5.6	7.5	9.4	11.7	13.2	14.8	17.5	20.4	24.0	28.1	32.4
115°	6.5	8.3	10.2	11.6	13.1	14.9	16.7	19.6	23.2	26.7	30.8
117.5°	7.5	8.8	10.1	11.8	13.5	15.2	17.1	19.3	21.8	25.2	29.2
120°	7.5	9.2	10.8	12.4	14.0	15.7	17.6	19.5	21.4	23.7	27.9
122.5°	8.0	10.0	11.6	13.1	14.5	16.2	17.9	19.8	21.8	24.4	27.4
125°	8.5	10.5	12.2	13.4	15.0	16.7	18.3	20.0	22.4	25.0	27.6
127.5°	8.5	10.3	12.3	14.1	15.6	17.0	18.6	20.8	23.0	25.1	27.8
130°	8.7	10.6	12.5	14.4	15.7	17.4	19.4	21.0	22.8	25.2	27.9
132.5°	8.6	10.4	12.2	14.3	16.4	17.8	19.0	20.7	22.8	25.0	27.4
135°	8.6	10.5	12.3	13.9	15.4	16.9	18.6	20.4	22.4	24.4	26.6
137.5°	8.3	9.8	11.4	13.0	14.6	16.3	18.0	19.7	21.6	23.4	25.4
140°	7.8	9.3	10.9	12.5	14.0	15.6	17.1	18.5	20.1	22.0	24.2
142.5°	7.4	8.9	10.4	11.9	13.2	14.5	15.8	17.2	18.7	20.6	22.4
145°	7.0	8.3	9.6	10.9	12.3	13.6	15.0	16.4	17.5	18.6	20.1
147.5°	6.5	7.8	9.1	10.4	11.6	12.8	13.9	15.0	16.2	17.4	18.7
150°	6.0	7.2	8.4	9.5	10.6	11.7	12.9	14.1	15.2	16.2	17.1
152.5°	5.5	6.6	7.7	8.8	9.9	11.0	12.0	12.9	13.8	14.8	15.8
155°	5.1	6.1	7.1	8.0	8.9	9.9	10.8	11.8	12.8	13.7	14.8
157.5°	4.6	5.5	6.4	7.3	8.2	9.1	10.0	11.0	12.0	13.0	14.0
160°	4.2	5.1	5.9	6.8	7.7	8.6	9.5	10.3	11.1	11.9	12.7
162.5°	3.9	4.7	5.5	6.2	7.0	7.7	8.5	9.2	10.0	10.8	11.6
165°	3.5	4.2	4.8	5.5	6.2	6.9	7.6	8.3	9.0	9.7	10.4
167.5°	3.1	3.7	4.3	4.9	5.5	6.1	6.7	7.3	7.9	8.5	9.1
170°	2.6	3.1	3.6	4.1	4.6	5.1	5.6	6.0	6.5	7.0	7.4
172.5°	2.0	2.4	2.8	3.2	3.5	3.9	4.3	4.6	5.0	5.3	5.7
175°	1.4	1.6	1.9	2.2	2.4	2.7	2.9	3.2	3.4	3.7	3.9
177.5°	0.7	0.9	1.0	1.1	1.3	1.4	1.5	1.7	1.8	1.9	2.1
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232022

CATALOG NUMBER: FVS4WM-3-LD4-40-1STD-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°	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.2
5°	4.1	4.4	4.6	4.8	5.0	5.2	5.4	5.6	5.7	5.9	6.1
7.5°	6.0	6.3	6.6	6.9	7.2	7.5	7.8	8.1	8.4	8.6	8.9
10°	7.9	8.3	8.7	9.1	9.5	9.9	10.2	10.6	10.9	11.2	11.6
12.5°	9.6	10.1	10.7	11.2	11.7	12.1	12.6	13.0	13.4	13.8	14.2
15°	11.1	11.8	12.5	13.2	13.7	14.3	14.9	15.4	15.9	16.4	16.9
17.5°	12.4	13.2	14.0	14.8	15.6	16.3	17.1	17.7	18.3	18.9	19.5
20°	13.5	14.4	15.3	16.2	17.1	18.0	18.9	19.8	20.6	21.3	22.0
22.5°	14.9	15.8	16.7	17.5	18.6	19.6	20.6	21.7	22.7	23.7	24.5
25°	15.9	17.1	18.2	19.1	20.1	21.0	22.2	23.4	24.5	25.7	27.8
27.5°	16.8	17.9	19.2	20.5	21.7	22.7	24.7	27.2	29.9	32.6	35.4
30°	18.0	19.1	20.2	22.1	24.7	27.4	30.0	32.5	35.5	38.8	42.2
32.5°	19.7	21.3	23.3	25.7	28.2	31.2	34.3	37.4	40.6	44.2	48.3
35°	22.2	24.5	26.6	28.8	31.5	34.5	37.9	41.6	45.3	49.1	53.7
37.5°	24.4	26.7	29.2	31.8	34.4	37.5	41.0	45.0	49.4	53.8	58.4
40°	26.4	28.7	31.3	34.1	37.1	40.2	44.0	48.1	52.9	57.9	63.2
42.5°	27.9	30.4	33.1	36.1	39.4	42.8	46.5	51.0	56.0	61.6	67.5
45°	28.9	31.7	34.6	37.8	41.2	45.0	49.1	53.5	58.9	64.9	71.3
47.5°	29.9	32.6	35.8	39.1	42.9	46.9	51.2	56.0	61.6	67.9	75.0
50°	30.5	33.4	36.7	40.2	44.1	48.5	53.2	58.4	64.6	71.1	77.3
52.5°	31.0	34.0	37.4	41.2	45.3	51.0	57.3	63.5	69.5	75.2	80.5
55°	30.9	34.4	38.1	43.3	49.1	55.2	62.0	68.7	74.9	80.4	84.6
57.5°	30.7	35.7	40.8	46.1	52.5	59.2	66.4	73.8	80.8	86.2	89.7
60°	32.5	37.4	43.2	48.8	55.5	62.9	70.6	78.8	86.3	92.1	95.6
62.5°	34.2	39.3	45.1	51.4	57.9	66.3	74.7	83.5	91.8	98.5	102.2
65°	35.6	41.1	46.9	53.8	60.7	69.3	78.6	88.0	97.4	105.1	109.4
67.5°	37.1	42.8	48.9	55.9	63.5	72.0	82.3	92.5	103.0	111.5	115.9
70°	38.8	44.5	51.0	58.0	66.1	74.6	85.9	96.9	108.1	117.0	120.8
72.5°	40.7	46.2	53.1	60.2	68.7	77.0	87.8	98.5	108.5	116.2	119.7
75°	42.5	47.7	54.0	60.8	68.7	77.7	88.2	99.2	109.0	116.0	119.0
77.5°	42.5	48.0	54.1	61.0	68.9	78.4	89.1	100.3	109.9	116.4	118.5
80°	42.9	48.6	54.5	61.4	69.4	79.1	90.3	101.7	111.4	117.2	118.2
82.5°	43.5	49.4	55.1	62.0	70.0	80.1	91.8	103.4	113.2	118.3	118.0
85°	44.5	50.3	56.1	62.9	70.9	81.2	93.8	105.4	115.3	119.7	117.9
87.5°	45.7	51.6	57.3	64.0	72.2	82.7	96.1	107.7	117.7	121.2	117.9
90°	47.3	53.1	58.9	65.5	73.8	84.6	98.7	110.3	120.2	122.7	117.7
92.5°	45.7	51.6	57.3	64.0	72.2	82.7	96.1	107.7	117.7	121.2	117.9
95°	44.5	50.3	56.1	62.9	70.9	81.2	93.8	105.4	115.3	119.7	117.9
97.5°	43.5	49.4	55.1	62.0	70.0	80.1	91.8	103.4	113.2	118.3	118.0
100°	42.9	48.6	54.5	61.4	69.4	79.1	90.3	101.7	111.4	117.2	118.2
102.5°	42.5	48.0	54.1	61.0	68.9	78.4	89.1	100.3	109.9	116.4	118.5
105°	42.5	47.7	54.0	60.8	68.7	77.7	88.2	99.2	109.0	116.0	119.0
107.5°	40.7	46.2	53.1	60.2	68.7	77.0	87.8	98.5	108.5	116.2	119.7
110°	38.8	44.5	51.0	58.0	66.1	74.6	85.9	96.9	108.1	117.0	120.8



TEST NUMBER: P232022

CATALOG NUMBER: FVS4WM-3-LD4-40-1STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	37.1	42.8	48.9	55.9	63.5	72.0	82.3	92.5	103.0	111.5	115.9
115°	35.6	41.1	46.9	53.8	60.7	69.3	78.6	88.0	97.4	105.1	109.4
117.5°	34.2	39.3	45.1	51.4	57.9	66.3	74.7	83.5	91.8	98.5	102.2
120°	32.5	37.4	43.2	48.8	55.5	62.9	70.6	78.8	86.3	92.1	95.6
122.5°	30.7	35.7	40.8	46.1	52.5	59.2	66.4	73.8	80.8	86.2	89.7
125°	30.9	34.4	38.1	43.3	49.1	55.2	62.0	68.7	74.9	80.4	84.6
127.5°	31.0	34.0	37.4	41.2	45.3	51.0	57.3	63.5	69.5	75.2	80.5
130°	30.5	33.4	36.7	40.2	44.1	48.5	53.2	58.4	64.6	71.1	77.3
132.5°	29.9	32.6	35.8	39.1	42.9	46.9	51.2	56.0	61.6	67.9	75.0
135°	28.9	31.7	34.6	37.8	41.2	45.0	49.1	53.5	58.9	64.9	71.3
137.5°	27.9	30.4	33.1	36.1	39.4	42.8	46.5	51.0	56.0	61.6	67.5
140°	26.4	28.7	31.3	34.1	37.1	40.2	44.0	48.1	52.9	57.9	63.2
142.5°	24.4	26.7	29.2	31.8	34.4	37.5	41.0	45.0	49.4	53.8	58.4
145°	22.2	24.5	26.6	28.8	31.5	34.5	37.9	41.6	45.3	49.1	53.7
147.5°	19.7	21.3	23.3	25.7	28.2	31.2	34.3	37.4	40.6	44.2	48.3
150°	18.0	19.1	20.2	22.1	24.7	27.4	30.0	32.5	35.5	38.8	42.2
152.5°	16.8	17.9	19.2	20.5	21.7	22.7	24.7	27.2	29.9	32.6	35.4
155°	15.9	17.1	18.2	19.1	20.1	21.0	22.2	23.4	24.5	25.7	27.8
157.5°	14.9	15.8	16.7	17.5	18.6	19.6	20.6	21.7	22.7	23.7	24.5
160°	13.5	14.4	15.3	16.2	17.1	18.0	18.9	19.8	20.6	21.3	22.0
162.5°	12.4	13.2	14.0	14.8	15.6	16.3	17.1	17.7	18.3	18.9	19.5
165°	11.1	11.8	12.5	13.2	13.7	14.3	14.9	15.4	15.9	16.4	16.9
167.5°	9.6	10.1	10.7	11.2	11.7	12.1	12.6	13.0	13.4	13.8	14.2
170°	7.9	8.3	8.7	9.1	9.5	9.9	10.2	10.6	10.9	11.2	11.6
172.5°	6.0	6.3	6.6	6.9	7.2	7.5	7.8	8.1	8.4	8.6	8.9
175°	4.1	4.4	4.6	4.8	5.0	5.2	5.4	5.6	5.7	5.9	6.1
177.5°	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.2
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232022

CATALOG NUMBER: FVS4WM-3-LD4-40-1STD-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°	3.3	3.3	3.4	3.5	3.5	3.6	3.6	3.6	3.7	3.7	4.2
5°	6.3	6.4	6.6	6.8	6.9	7.0	7.1	7.2	7.3	7.4	8.4
7.5°	9.1	9.3	9.6	9.8	10.1	10.3	10.5	10.7	10.9	11.1	12.5
10°	11.9	12.2	12.5	12.8	13.1	13.5	13.9	14.2	14.5	14.8	16.7
12.5°	14.6	15.0	15.4	15.8	16.1	16.6	17.1	17.6	18.0	18.4	20.8
15°	17.3	17.7	18.2	18.7	19.1	19.6	20.2	20.9	21.5	22.1	25.0
17.5°	20.0	20.5	20.9	21.5	22.1	22.6	23.3	24.1	25.0	25.8	29.1
20°	22.6	23.2	23.7	24.3	24.9	25.6	26.3	27.3	28.5	29.5	33.2
22.5°	25.2	25.9	26.5	27.1	27.8	28.6	29.3	30.5	31.9	33.2	37.3
25°	29.8	31.8	33.6	35.0	36.3	37.4	38.4	39.5	40.8	41.9	46.0
27.5°	38.1	40.6	43.0	44.9	46.3	47.4	48.1	48.8	49.8	50.7	54.7
30°	45.6	49.0	52.0	54.8	56.3	57.6	58.0	58.2	58.9	59.4	63.3
32.5°	52.4	56.6	60.4	64.1	66.4	67.7	68.1	67.9	68.1	68.2	71.9
35°	58.6	63.5	68.5	72.8	76.4	77.9	78.3	77.6	77.3	76.9	80.4
37.5°	64.1	70.0	75.8	81.2	86.5	88.0	88.7	87.5	86.6	85.7	88.8
40°	69.2	75.9	82.7	89.3	95.3	98.2	99.2	97.5	95.9	94.4	97.1
42.5°	73.7	81.4	89.2	97.3	103.9	108.4	109.8	107.6	105.3	103.2	105.4
45°	78.3	86.4	95.2	104.2	112.3	118.6	120.0	117.7	114.8	111.9	113.6
47.5°	82.3	89.6	98.0	106.4	114.4	121.3	123.0	122.5	121.4	121.2	126.0
50°	83.5	89.7	97.6	105.8	114.0	121.8	125.1	126.6	127.9	130.5	138.7
52.5°	85.5	91.0	97.7	105.5	113.8	121.9	126.9	130.4	134.1	139.8	151.5
55°	88.6	92.9	98.2	105.4	113.6	122.0	128.5	133.9	140.1	149.1	164.6
57.5°	92.5	95.4	99.2	105.6	113.6	122.2	129.9	137.2	146.0	158.5	177.9
60°	97.1	98.4	100.8	106.4	113.8	122.4	131.2	140.2	151.7	167.8	191.3
62.5°	102.3	102.2	103.2	107.4	114.1	122.7	132.3	143.0	157.2	177.1	204.9
65°	108.2	106.6	106.1	108.8	114.7	123.0	133.2	145.7	162.7	186.4	218.6
67.5°	114.6	111.5	109.3	110.4	115.4	123.4	134.1	148.2	168.0	195.7	232.4
70°	118.6	113.9	110.4	110.4	114.8	122.4	132.9	146.9	166.7	194.7	231.7
72.5°	117.9	113.3	110.0	109.7	113.8	121.4	131.7	145.5	165.3	193.7	230.9
75°	117.2	112.5	109.5	109.1	113.0	120.5	130.5	144.3	164.0	192.7	231.3
77.5°	116.4	111.6	108.9	108.5	112.2	119.7	129.4	143.1	162.8	191.7	230.0
80°	115.5	110.5	108.3	107.9	111.5	119.0	128.4	142.0	161.6	190.6	228.6
82.5°	114.5	109.3	107.6	107.4	110.9	118.3	127.5	141.0	160.5	189.6	227.2
85°	113.5	108.0	106.8	106.9	110.3	117.8	126.7	140.1	159.5	188.6	225.8
87.5°	112.3	106.7	106.1	106.5	109.8	117.3	125.9	139.3	158.5	187.6	224.4
90°	111.1	105.3	105.3	106.1	109.4	116.9	125.2	138.5	157.5	186.6	223.0
92.5°	112.3	106.7	106.1	106.5	109.8	117.3	125.9	139.3	158.5	187.6	224.4
95°	113.5	108.0	106.8	106.9	110.3	117.8	126.7	140.1	159.5	188.6	225.8
97.5°	114.5	109.3	107.6	107.4	110.9	118.3	127.5	141.0	160.5	189.6	227.2
100°	115.5	110.5	108.3	107.9	111.5	119.0	128.4	142.0	161.6	190.6	228.6
102.5°	116.4	111.6	108.9	108.5	112.2	119.7	129.4	143.1	162.8	191.7	230.0
105°	117.2	112.5	109.5	109.1	113.0	120.5	130.5	144.3	164.0	192.7	231.3
107.5°	117.9	113.3	110.0	109.7	113.8	121.4	131.7	145.5	165.3	193.7	230.9
110°	118.6	113.9	110.4	110.4	114.8	122.4	132.9	146.9	166.7	194.7	231.7



TEST NUMBER: P232022

CATALOG NUMBER: FVS4WM-3-LD4-40-1STD-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°	114.6	111.5	109.3	110.4	115.4	123.4	134.1	148.2	168.0	195.7	232.4
115°	108.2	106.6	106.1	108.8	114.7	123.0	133.2	145.7	162.7	186.4	218.6
117.5°	102.3	102.2	103.2	107.4	114.1	122.7	132.3	143.0	157.2	177.1	204.9
120°	97.1	98.4	100.8	106.4	113.8	122.4	131.2	140.2	151.7	167.8	191.3
122.5°	92.5	95.4	99.2	105.6	113.6	122.2	129.9	137.2	146.0	158.5	177.9
125°	88.6	92.9	98.2	105.4	113.6	122.0	128.5	133.9	140.1	149.1	164.6
127.5°	85.5	91.0	97.7	105.5	113.8	121.9	126.9	130.4	134.1	139.8	151.5
130°	83.5	89.7	97.6	105.8	114.0	121.8	125.1	126.6	127.9	130.5	138.7
132.5°	82.3	89.6	98.0	106.4	114.4	121.3	123.0	122.5	121.4	121.2	126.0
135°	78.3	86.4	95.2	104.2	112.3	118.6	120.0	117.7	114.8	111.9	113.6
137.5°	73.7	81.4	89.2	97.3	103.9	108.4	109.8	107.6	105.3	103.2	105.4
140°	69.2	75.9	82.7	89.3	95.3	98.2	99.2	97.5	95.9	94.4	97.1
142.5°	64.1	70.0	75.8	81.2	86.5	88.0	88.7	87.5	86.6	85.7	88.8
145°	58.6	63.5	68.5	72.8	76.4	77.9	78.3	77.6	77.3	76.9	80.4
147.5°	52.4	56.6	60.4	64.1	66.4	67.7	68.1	67.9	68.1	68.2	71.9
150°	45.6	49.0	52.0	54.8	56.3	57.6	58.0	58.2	58.9	59.4	63.3
152.5°	38.1	40.6	43.0	44.9	46.3	47.4	48.1	48.8	49.8	50.7	54.7
155°	29.8	31.8	33.6	35.0	36.3	37.4	38.4	39.5	40.8	41.9	46.0
157.5°	25.2	25.9	26.5	27.1	27.8	28.6	29.3	30.5	31.9	33.2	37.3
160°	22.6	23.2	23.7	24.3	24.9	25.6	26.3	27.3	28.5	29.5	33.2
162.5°	20.0	20.5	20.9	21.5	22.1	22.6	23.3	24.1	25.0	25.8	29.1
165°	17.3	17.7	18.2	18.7	19.1	19.6	20.2	20.9	21.5	22.1	25.0
167.5°	14.6	15.0	15.4	15.8	16.1	16.6	17.1	17.6	18.0	18.4	20.8
170°	11.9	12.2	12.5	12.8	13.1	13.5	13.9	14.2	14.5	14.8	16.7
172.5°	9.1	9.3	9.6	9.8	10.1	10.3	10.5	10.7	10.9	11.1	12.5
175°	6.3	6.4	6.6	6.8	6.9	7.0	7.1	7.2	7.3	7.4	8.4
177.5°	3.3	3.3	3.4	3.5	3.5	3.6	3.6	3.6	3.7	3.7	4.2
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: P232022

CATALOG NUMBER: FVS4WM-3-LD4-40-1STD-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°	4.7	5.2	5.6	6.1	6.5	7.0	7.4	7.8	8.2	8.6	9.0
5°	9.3	10.3	11.2	12.1	13.0	13.9	14.7	15.5	16.3	17.1	17.8
7.5°	14.0	15.4	16.8	18.1	19.5	20.7	22.1	23.6	25.1	26.5	27.9
10°	18.6	20.5	22.3	24.1	25.9	28.1	30.3	32.4	34.4	36.4	38.3
12.5°	23.2	25.5	27.7	30.2	33.1	35.9	38.7	41.4	43.8	46.1	48.3
15°	27.7	30.5	33.3	36.9	40.4	43.9	47.2	50.2	53.0	55.8	58.8
17.5°	32.3	35.4	39.4	43.7	47.8	51.8	55.4	58.9	62.3	65.5	68.4
20°	36.8	40.4	45.5	50.5	55.3	59.6	63.7	67.7	71.5	75.1	78.6
22.5°	41.3	45.9	51.7	57.4	62.5	67.3	72.0	76.5	80.8	84.7	87.7
25°	49.9	55.1	61.0	66.6	71.6	76.6	81.3	86.0	90.1	93.3	96.6
27.5°	58.6	64.4	70.4	76.0	81.4	86.6	91.7	96.4	99.9	103.3	104.6
30°	67.1	73.4	79.6	85.3	91.2	96.3	101.6	105.7	109.5	111.5	112.6
32.5°	75.8	82.2	88.3	94.3	100.1	105.8	110.7	114.9	117.9	119.6	121.0
35°	84.5	90.7	97.0	103.1	109.0	115.2	119.5	123.7	125.9	127.9	129.4
37.5°	92.9	99.1	105.4	111.7	117.8	123.3	128.1	131.6	134.5	136.1	138.0
40°	101.2	107.3	113.7	120.0	126.2	131.6	136.4	139.7	142.3	144.4	147.1
42.5°	109.4	115.3	121.8	128.2	134.4	139.7	144.3	148.1	150.4	152.9	155.9
45°	117.5	123.2	129.7	136.1	142.2	147.7	152.3	155.9	158.5	161.3	164.7
47.5°	132.9	140.9	148.8	154.0	157.9	160.9	163.4	164.6	166.5	169.5	173.1
50°	149.1	160.3	170.6	175.6	178.4	180.0	180.8	181.0	181.5	182.5	184.1
52.5°	165.6	180.1	192.1	197.1	198.3	198.0	197.3	196.7	197.2	198.8	201.6
55°	182.5	200.3	213.4	217.9	217.6	215.2	213.3	212.4	213.0	215.0	219.0
57.5°	199.7	220.9	234.7	238.1	236.2	231.7	228.7	227.9	228.9	231.6	236.5
60°	217.2	241.9	255.8	257.8	253.9	247.5	243.7	243.2	244.8	248.5	254.5
62.5°	234.9	263.2	276.9	277.2	271.0	263.2	258.6	258.3	260.5	265.2	272.4
65°	252.8	284.7	297.9	296.3	287.7	278.6	273.8	273.6	276.1	281.8	289.6
67.5°	270.8	306.4	318.8	315.1	304.0	293.7	288.9	289.1	292.3	298.5	306.3
70°	271.3	308.9	323.9	323.6	313.6	304.1	300.7	302.3	307.2	314.6	322.7
72.5°	271.0	309.8	327.2	330.3	320.9	312.0	309.3	311.9	317.8	325.6	334.5
75°	270.5	310.5	330.8	337.6	328.4	319.8	317.9	321.6	328.3	336.3	345.6
77.5°	269.9	311.1	334.6	345.4	336.1	327.8	326.6	331.4	338.7	346.8	356.6
80°	270.4	311.5	338.6	353.6	344.0	335.8	335.2	341.2	348.9	357.0	367.3
82.5°	269.0	312.8	343.6	362.0	352.1	344.0	343.9	351.0	358.9	366.9	377.9
85°	267.5	312.2	347.1	371.0	360.1	352.0	352.5	361.0	368.8	376.6	388.2
87.5°	266.0	311.6	350.5	379.1	368.7	360.5	361.2	370.3	378.5	386.3	398.3
90°	264.5	310.9	354.0	387.2	377.3	369.0	369.8	379.7	388.0	395.5	407.9
92.5°	266.0	311.6	350.5	379.1	368.7	360.5	361.2	370.3	378.5	386.3	398.3
95°	267.5	312.2	347.1	371.0	360.1	352.0	352.5	361.0	368.8	376.6	388.2
97.5°	269.0	312.8	343.6	362.0	352.1	344.0	343.9	351.0	358.9	366.9	377.9
100°	270.4	311.5	338.6	353.6	344.0	335.8	335.2	341.2	348.9	357.0	367.3
102.5°	269.9	311.1	334.6	345.4	336.1	327.8	326.6	331.4	338.7	346.8	356.6
105°	270.5	310.5	330.8	337.6	328.4	319.8	317.9	321.6	328.3	336.3	345.6
107.5°	271.0	309.8	327.2	330.3	320.9	312.0	309.3	311.9	317.8	325.6	334.5
110°	271.3	308.9	323.9	323.6	313.6	304.1	300.7	302.3	307.2	314.6	322.7



TEST NUMBER: P232022

CATALOG NUMBER: FVS4WM-3-LD4-40-1STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	270.8	306.4	318.8	315.1	304.0	293.7	288.9	289.1	292.3	298.5	306.3
115°	252.8	284.7	297.9	296.3	287.7	278.6	273.8	273.6	276.1	281.8	289.6
117.5°	234.9	263.2	276.9	277.2	271.0	263.2	258.6	258.3	260.5	265.2	272.4
120°	217.2	241.9	255.8	257.8	253.9	247.5	243.7	243.2	244.8	248.5	254.5
122.5°	199.7	220.9	234.7	238.1	236.2	231.7	228.7	227.9	228.9	231.6	236.5
125°	182.5	200.3	213.4	217.9	217.6	215.2	213.3	212.4	213.0	215.0	219.0
127.5°	165.6	180.1	192.1	197.1	198.3	198.0	197.3	196.7	197.2	198.8	201.6
130°	149.1	160.3	170.6	175.6	178.4	180.0	180.8	181.0	181.5	182.5	184.1
132.5°	132.9	140.9	148.8	154.0	157.9	160.9	163.4	164.6	166.5	169.5	173.1
135°	117.5	123.2	129.7	136.1	142.2	147.7	152.3	155.9	158.5	161.3	164.7
137.5°	109.4	115.3	121.8	128.2	134.4	139.7	144.3	148.1	150.4	152.9	155.9
140°	101.2	107.3	113.7	120.0	126.2	131.6	136.4	139.7	142.3	144.4	147.1
142.5°	92.9	99.1	105.4	111.7	117.8	123.3	128.1	131.6	134.5	136.1	138.0
145°	84.5	90.7	97.0	103.1	109.0	115.2	119.5	123.7	125.9	127.9	129.4
147.5°	75.8	82.2	88.3	94.3	100.1	105.8	110.7	114.9	117.9	119.6	121.0
150°	67.1	73.4	79.6	85.3	91.2	96.3	101.6	105.7	109.5	111.5	112.6
152.5°	58.6	64.4	70.4	76.0	81.4	86.6	91.7	96.4	99.9	103.3	104.6
155°	49.9	55.1	61.0	66.6	71.6	76.6	81.3	86.0	90.1	93.3	96.6
157.5°	41.3	45.9	51.7	57.4	62.5	67.3	72.0	76.5	80.8	84.7	87.7
160°	36.8	40.4	45.5	50.5	55.3	59.6	63.7	67.7	71.5	75.1	78.6
162.5°	32.3	35.4	39.4	43.7	47.8	51.8	55.4	58.9	62.3	65.5	68.4
165°	27.7	30.5	33.3	36.9	40.4	43.9	47.2	50.2	53.0	55.8	58.8
167.5°	23.2	25.5	27.7	30.2	33.1	35.9	38.7	41.4	43.8	46.1	48.3
170°	18.6	20.5	22.3	24.1	25.9	28.1	30.3	32.4	34.4	36.4	38.3
172.5°	14.0	15.4	16.8	18.1	19.5	20.7	22.1	23.6	25.1	26.5	27.9
175°	9.3	10.3	11.2	12.1	13.0	13.9	14.7	15.5	16.3	17.1	17.8
177.5°	4.7	5.2	5.6	6.1	6.5	7.0	7.4	7.8	8.2	8.6	9.0
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: P232022

CATALOG NUMBER: FVS4WM-3-LD4-40-1STD-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°	9.3	9.6	9.9	10.2	10.5	10.8	11.0	11.2	11.4	11.6	11.7
5°	18.7	19.5	20.3	21.0	21.7	22.3	22.9	23.5	24.0	24.4	24.8
7.5°	29.2	30.5	31.7	32.8	33.8	34.7	35.6	36.3	37.0	37.7	38.2
10°	39.9	41.5	43.0	44.4	45.7	47.0	48.1	49.1	49.9	50.6	51.2
12.5°	50.4	52.4	54.3	55.9	57.4	58.8	60.1	61.2	62.2	63.0	63.7
15°	60.9	63.1	65.2	67.2	69.0	70.5	71.8	73.0	74.2	75.1	76.1
17.5°	71.3	74.3	76.1	78.0	79.8	81.6	83.1	84.5	86.0	87.4	88.8
20°	81.3	83.8	86.2	88.2	89.8	91.4	93.1	94.9	96.9	98.9	101.0
22.5°	90.6	93.1	94.6	96.2	97.9	99.9	102.1	104.4	107.1	110.4	113.7
25°	98.4	99.7	101.3	103.0	105.1	107.3	110.8	114.6	118.4	122.5	126.9
27.5°	105.3	105.9	106.6	108.5	111.9	115.9	120.4	125.0	130.1	135.1	140.4
30°	113.6	114.5	115.6	118.0	120.4	124.2	129.8	135.4	141.6	147.8	154.4
32.5°	122.1	123.8	126.5	129.3	133.1	136.9	141.1	145.9	153.2	162.0	170.7
35°	131.2	134.1	137.3	141.4	145.6	150.5	155.2	162.2	168.9	179.6	193.6
37.5°	140.9	144.2	148.4	153.1	158.4	164.8	172.6	181.7	194.5	208.1	221.4
40°	150.3	154.5	159.4	165.0	172.4	181.1	193.3	207.4	223.1	239.6	255.9
42.5°	159.9	164.5	170.3	178.1	187.6	201.6	216.8	235.6	255.5	273.6	292.7
45°	168.8	174.7	182.1	192.3	206.7	223.0	244.0	264.8	286.4	308.9	333.1
47.5°	178.2	184.4	195.2	209.0	226.1	248.3	271.0	294.5	320.4	347.5	374.5
50°	187.7	196.5	208.8	226.5	248.8	272.9	298.0	326.4	357.8	386.7	416.2
52.5°	206.0	214.5	227.7	245.5	272.3	297.2	326.8	360.9	392.8	425.7	458.5
55°	225.7	235.8	251.0	272.1	295.8	322.3	356.9	392.9	428.4	463.6	499.7
57.5°	244.7	256.9	274.2	296.5	321.0	353.0	388.1	425.0	462.0	499.7	538.6
60°	263.5	276.4	296.4	319.4	347.1	380.6	417.3	455.2	493.3	532.4	573.8
62.5°	282.3	296.4	316.6	340.2	371.2	406.0	443.5	482.2	520.2	560.1	605.0
65°	299.8	315.2	335.7	361.0	392.6	428.1	467.2	504.4	542.7	584.9	634.6
67.5°	316.1	332.2	353.0	380.0	412.0	448.4	487.0	522.3	560.8	608.6	671.8
70°	332.1	347.7	368.6	396.4	428.5	466.3	501.7	536.7	577.9	631.1	707.0
72.5°	346.0	362.4	383.3	410.7	442.5	483.5	512.7	547.2	592.4	656.5	735.1
75°	358.7	375.1	394.6	419.9	452.1	489.0	520.3	555.2	602.9	675.8	757.3
77.5°	371.1	386.4	403.5	426.5	457.7	491.6	524.4	564.1	619.6	692.9	775.0
80°	383.0	396.3	410.2	431.0	460.5	492.9	527.1	570.8	633.2	709.5	799.2
82.5°	394.5	405.2	415.2	433.5	460.8	493.0	528.2	575.3	642.6	721.3	816.3
85°	405.5	413.2	419.0	434.6	459.0	491.8	527.6	577.4	647.7	728.0	826.1
87.5°	416.4	420.7	422.0	434.7	456.1	489.9	526.3	578.2	650.5	732.2	832.1
90°	426.2	427.8	424.5	433.6	451.1	485.1	521.5	573.8	645.1	726.3	824.2
92.5°	416.4	420.7	422.0	434.7	456.1	489.9	526.3	578.2	650.5	732.2	832.1
95°	405.5	413.2	419.0	434.6	459.0	491.8	527.6	577.4	647.7	728.0	826.1
97.5°	394.5	405.2	415.2	433.5	460.8	493.0	528.2	575.3	642.6	721.3	816.3
100°	383.0	396.3	410.2	431.0	460.5	492.9	527.1	570.8	633.2	709.5	799.2
102.5°	371.1	386.4	403.5	426.5	457.7	491.6	524.4	564.1	619.6	692.9	775.0
105°	358.7	375.1	394.6	419.9	452.1	489.0	520.3	555.2	602.9	675.8	757.3
107.5°	346.0	362.4	383.3	410.7	442.5	483.5	512.7	547.2	592.4	656.5	735.1
110°	332.1	347.7	368.6	396.4	428.5	466.3	501.7	536.7	577.9	631.1	707.0



TEST NUMBER: P232022

CATALOG NUMBER: FVS4WM-3-LD4-40-1STD-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°	316.1	332.2	353.0	380.0	412.0	448.4	487.0	522.3	560.8	608.6	671.8
115°	299.8	315.2	335.7	361.0	392.6	428.1	467.2	504.4	542.7	584.9	634.6
117.5°	282.3	296.4	316.6	340.2	371.2	406.0	443.5	482.2	520.2	560.1	605.0
120°	263.5	276.4	296.4	319.4	347.1	380.6	417.3	455.2	493.3	532.4	573.8
122.5°	244.7	256.9	274.2	296.5	321.0	353.0	388.1	425.0	462.0	499.7	538.6
125°	225.7	235.8	251.0	272.1	295.8	322.3	356.9	392.9	428.4	463.6	499.7
127.5°	206.0	214.5	227.7	245.5	272.3	297.2	326.8	360.9	392.8	425.7	458.5
130°	187.7	196.5	208.8	226.5	248.8	272.9	298.0	326.4	357.8	386.7	416.2
132.5°	178.2	184.4	195.2	209.0	226.1	248.3	271.0	294.5	320.4	347.5	374.5
135°	168.8	174.7	182.1	192.3	206.7	223.0	244.0	264.8	286.4	308.9	333.1
137.5°	159.9	164.5	170.3	178.1	187.6	201.6	216.8	235.6	255.5	273.6	292.7
140°	150.3	154.5	159.4	165.0	172.4	181.1	193.3	207.4	223.1	239.6	255.9
142.5°	140.9	144.2	148.4	153.1	158.4	164.8	172.6	181.7	194.5	208.1	221.4
145°	131.2	134.1	137.3	141.4	145.6	150.5	155.2	162.2	168.9	179.6	193.6
147.5°	122.1	123.8	126.5	129.3	133.1	136.9	141.1	145.9	153.2	162.0	170.7
150°	113.6	114.5	115.6	118.0	120.4	124.2	129.8	135.4	141.6	147.8	154.4
152.5°	105.3	105.9	106.6	108.5	111.9	115.9	120.4	125.0	130.1	135.1	140.4
155°	98.4	99.7	101.3	103.0	105.1	107.3	110.8	114.6	118.4	122.5	126.9
157.5°	90.6	93.1	94.6	96.2	97.9	99.9	102.1	104.4	107.1	110.4	113.7
160°	81.3	83.8	86.2	88.2	89.8	91.4	93.1	94.9	96.9	98.9	101.0
162.5°	71.3	74.3	76.1	78.0	79.8	81.6	83.1	84.5	86.0	87.4	88.8
165°	60.9	63.1	65.2	67.2	69.0	70.5	71.8	73.0	74.2	75.1	76.1
167.5°	50.4	52.4	54.3	55.9	57.4	58.8	60.1	61.2	62.2	63.0	63.7
170°	39.9	41.5	43.0	44.4	45.7	47.0	48.1	49.1	49.9	50.6	51.2
172.5°	29.2	30.5	31.7	32.8	33.8	34.7	35.6	36.3	37.0	37.7	38.2
175°	18.7	19.5	20.3	21.0	21.7	22.3	22.9	23.5	24.0	24.4	24.8
177.5°	9.3	9.6	9.9	10.2	10.5	10.8	11.0	11.2	11.4	11.6	11.7
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: P232022

CATALOG NUMBER: FVS4WM-3-LD4-40-1STD-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°	11.8	12.0	12.0	12.1	12.1	12.1	12.5	12.4	12.2	12.1	11.9
5°	25.1	25.4	25.6	25.8	25.9	26.0	26.0	25.9	26.2	25.9	25.6
7.5°	38.7	39.1	39.4	39.6	39.8	39.8	39.8	39.7	39.6	39.7	39.1
10°	51.7	52.1	52.4	52.6	52.6	52.6	52.5	52.3	52.0	51.9	51.2
12.5°	64.3	64.8	65.1	65.4	65.5	65.5	65.4	65.2	64.8	64.4	64.0
15°	77.1	78.0	78.8	79.6	80.2	80.8	81.2	81.5	81.6	81.6	81.8
17.5°	90.2	91.7	93.2	94.5	95.8	97.0	98.0	98.9	99.6	100.1	100.9
20°	103.0	105.3	107.7	110.1	112.2	114.3	116.1	117.7	119.1	120.2	121.8
22.5°	116.9	120.1	123.3	126.6	129.7	132.5	135.1	137.4	139.5	141.2	143.4
25°	131.2	135.4	139.5	143.7	147.7	151.5	154.9	158.1	160.9	163.4	165.5
27.5°	145.8	151.1	156.2	161.7	167.5	172.8	177.8	182.4	186.5	190.0	193.1
30°	161.5	169.0	176.2	183.2	191.5	199.0	205.7	211.6	216.6	220.9	224.3
32.5°	180.3	191.7	202.3	212.0	221.5	230.3	238.0	244.7	250.2	254.7	258.1
35°	206.7	220.3	233.2	244.9	255.4	264.7	272.5	278.8	283.7	287.2	289.6
37.5°	237.7	253.0	267.6	280.5	291.4	302.3	311.7	319.3	325.1	329.1	331.5
40°	272.8	289.8	306.9	322.5	336.1	348.9	361.4	372.3	381.4	388.5	393.6
42.5°	313.2	333.2	352.2	370.7	388.0	404.3	421.0	435.8	448.6	459.2	467.3
45°	356.3	379.0	400.1	422.8	445.0	468.3	487.1	506.8	524.2	539.1	551.0
47.5°	400.4	426.7	452.5	478.3	505.9	532.4	560.6	587.8	611.2	630.6	645.7
50°	446.3	476.1	507.1	537.6	576.3	613.5	649.2	684.8	714.6	738.5	756.5
52.5°	492.2	526.3	566.6	609.7	660.5	712.5	756.4	794.9	825.9	849.6	866.1
55°	537.0	580.7	629.8	688.4	750.9	816.8	868.3	900.8	925.3	943.9	956.7
57.5°	582.1	634.3	694.3	765.5	842.2	901.4	956.2	982.5	999.0	1011.5	1019.8
60°	624.0	683.8	759.1	835.0	905.9	965.1	1010.9	1039.3	1054.1	1065.7	1073.8
62.5°	659.1	735.0	816.5	896.2	962.9	1018.1	1058.6	1087.0	1101.9	1113.9	1122.5
65°	703.4	782.4	871.3	952.5	1020.8	1074.5	1105.5	1128.5	1143.0	1153.6	1161.7
67.5°	748.5	835.0	927.7	1014.2	1082.2	1119.0	1144.8	1162.0	1175.9	1187.7	1196.6
70°	789.6	884.0	980.8	1072.7	1124.3	1153.4	1174.8	1191.5	1206.5	1217.8	1226.0
72.5°	825.2	925.3	1025.2	1101.7	1151.7	1179.8	1199.1	1215.8	1231.7	1240.9	1248.7
75°	855.6	957.6	1054.3	1130.4	1177.7	1200.0	1218.0	1235.5	1249.7	1259.3	1268.1
77.5°	877.8	980.9	1085.1	1158.9	1194.9	1217.1	1235.8	1254.1	1267.2	1277.4	1286.0
80°	899.7	1004.5	1110.3	1182.6	1210.3	1233.1	1251.3	1267.7	1282.0	1293.1	1302.4
82.5°	918.5	1027.7	1131.2	1192.0	1221.0	1243.6	1261.4	1276.9	1291.3	1300.9	1313.1
85°	929.9	1040.6	1147.1	1198.4	1225.4	1248.7	1266.2	1282.4	1296.8	1307.7	1321.6
87.5°	937.6	1043.4	1156.0	1202.5	1226.2	1251.3	1266.8	1284.3	1299.2	1307.3	1322.2
90°	929.5	1036.4	1155.8	1203.1	1223.8	1251.2	1264.4	1283.5	1296.8	1307.6	1319.2
92.5°	937.6	1043.4	1156.0	1202.5	1226.2	1251.3	1266.8	1284.3	1299.2	1307.3	1322.2
95°	929.9	1040.6	1147.1	1198.4	1225.4	1248.7	1266.2	1282.4	1296.8	1307.7	1321.6
97.5°	918.5	1027.7	1131.2	1192.0	1221.0	1243.6	1261.4	1276.9	1291.3	1300.9	1313.1
100°	899.7	1004.5	1110.3	1182.6	1210.3	1233.1	1251.3	1267.7	1282.0	1293.1	1302.4
102.5°	877.8	980.9	1085.1	1158.9	1194.9	1217.1	1235.8	1254.1	1267.2	1277.4	1286.0
105°	855.6	957.6	1054.3	1130.4	1177.7	1200.0	1218.0	1235.5	1249.7	1259.3	1268.1
107.5°	825.2	925.3	1025.2	1101.7	1151.7	1179.8	1199.1	1215.8	1231.7	1240.9	1248.7
110°	789.6	884.0	980.8	1072.7	1124.3	1153.4	1174.8	1191.5	1206.5	1217.8	1226.0



TEST NUMBER: P232022

CATALOG NUMBER: FVS4WM-3-LD4-40-1STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	748.5	835.0	927.7	1014.2	1082.2	1119.0	1144.8	1162.0	1175.9	1187.7	1196.6
115°	703.4	782.4	871.3	952.5	1020.8	1074.5	1105.5	1128.5	1143.0	1153.6	1161.7
117.5°	659.1	735.0	816.5	896.2	962.9	1018.1	1058.6	1087.0	1101.9	1113.9	1122.5
120°	624.0	683.8	759.1	835.0	905.9	965.1	1010.9	1039.3	1054.1	1065.7	1073.8
122.5°	582.1	634.3	694.3	765.5	842.2	901.4	956.2	982.5	999.0	1011.5	1019.8
125°	537.0	580.7	629.8	688.4	750.9	816.8	868.3	900.8	925.3	943.9	956.7
127.5°	492.2	526.3	566.6	609.7	660.5	712.5	756.4	794.9	825.9	849.6	866.1
130°	446.3	476.1	507.1	537.6	576.3	613.5	649.2	684.8	714.6	738.5	756.5
132.5°	400.4	426.7	452.5	478.3	505.9	532.4	560.6	587.8	611.2	630.6	645.7
135°	356.3	379.0	400.1	422.8	445.0	468.3	487.1	506.8	524.2	539.1	551.0
137.5°	313.2	333.2	352.2	370.7	388.0	404.3	421.0	435.8	448.6	459.2	467.3
140°	272.8	289.8	306.9	322.5	336.1	348.9	361.4	372.3	381.4	388.5	393.6
142.5°	237.7	253.0	267.6	280.5	291.4	302.3	311.7	319.3	325.1	329.1	331.5
145°	206.7	220.3	233.2	244.9	255.4	264.7	272.5	278.8	283.7	287.2	289.6
147.5°	180.3	191.7	202.3	212.0	221.5	230.3	238.0	244.7	250.2	254.7	258.1
150°	161.5	169.0	176.2	183.2	191.5	199.0	205.7	211.6	216.6	220.9	224.3
152.5°	145.8	151.1	156.2	161.7	167.5	172.8	177.8	182.4	186.5	190.0	193.1
155°	131.2	135.4	139.5	143.7	147.7	151.5	154.9	158.1	160.9	163.4	165.5
157.5°	116.9	120.1	123.3	126.6	129.7	132.5	135.1	137.4	139.5	141.2	143.4
160°	103.0	105.3	107.7	110.1	112.2	114.3	116.1	117.7	119.1	120.2	121.8
162.5°	90.2	91.7	93.2	94.5	95.8	97.0	98.0	98.9	99.6	100.1	100.9
165°	77.1	78.0	78.8	79.6	80.2	80.8	81.2	81.5	81.6	81.6	81.8
167.5°	64.3	64.8	65.1	65.4	65.5	65.5	65.4	65.2	64.8	64.4	64.0
170°	51.7	52.1	52.4	52.6	52.6	52.6	52.5	52.3	52.0	51.9	51.2
172.5°	38.7	39.1	39.4	39.6	39.8	39.8	39.8	39.7	39.6	39.7	39.1
175°	25.1	25.4	25.6	25.8	25.9	26.0	26.0	25.9	26.2	25.9	25.6
177.5°	11.8	12.0	12.0	12.1	12.1	12.1	12.5	12.4	12.2	12.1	11.9
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: P232022

CATALOG NUMBER: FVS4WM-3-LD4-40-1STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	0.0	0.0
2.5°	11.8	11.6
5°	25.2	24.9
7.5°	38.6	38.1
10°	50.4	49.7
12.5°	63.1	62.2
15°	81.1	80.4
17.5°	100.6	100.3
20°	121.8	121.9
22.5°	143.8	144.3
25°	167.4	168.3
27.5°	195.8	197.3
30°	227.4	228.8
32.5°	261.0	262.0
35°	291.3	291.0
37.5°	333.0	331.7
40°	397.7	397.2
42.5°	474.2	475.1
45°	561.5	564.6
47.5°	658.7	662.5
50°	771.3	774.4
52.5°	878.8	878.9
55°	966.4	965.1
57.5°	1026.0	1024.0
60°	1080.3	1078.7
62.5°	1127.5	1128.5
65°	1166.7	1168.3
67.5°	1202.0	1203.9
70°	1231.2	1232.9
72.5°	1254.9	1258.6
75°	1276.8	1282.7
77.5°	1295.0	1300.1
80°	1310.4	1313.4
82.5°	1322.0	1330.0
85°	1325.9	1331.6
87.5°	1331.0	1339.1
90°	1323.3	1336.6
92.5°	1331.0	1339.1
95°	1325.9	1331.6
97.5°	1322.0	1330.0
100°	1310.4	1313.4
102.5°	1295.0	1300.1
105°	1276.8	1282.7
107.5°	1254.9	1258.6
110°	1231.2	1232.9



TEST NUMBER: P232022

CATALOG NUMBER: FVS4WM-3-LD4-40-1STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	1202.0	1203.9
115°	1166.7	1168.3
117.5°	1127.5	1128.5
120°	1080.3	1078.7
122.5°	1026.0	1024.0
125°	966.4	965.1
127.5°	878.8	878.9
130°	771.3	774.4
132.5°	658.7	662.5
135°	561.5	564.6
137.5°	474.2	475.1
140°	397.7	397.2
142.5°	333.0	331.7
145°	291.3	291.0
147.5°	261.0	262.0
150°	227.4	228.8
152.5°	195.8	197.3
155°	167.4	168.3
157.5°	143.8	144.3
160°	121.8	121.9
162.5°	100.6	100.3
165°	81.1	80.4
167.5°	63.1	62.2
170°	50.4	49.7
172.5°	38.6	38.1
175°	25.2	24.9
177.5°	11.8	11.6
180°	0.0	0.0

(END OF REPORT)