

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: P231912

Luminaire Tested: **FVS4WM-2-LD4-30-2STD-P125-UNV-EDC1**

Issue Date: 3/3/2020



Test Information

Test Method: LM-79-08
Report Number: P231912
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-LD4-30-2STD-P125-UNV-EDC1
Description: FAILSAFE FVS LED FIXTURE
2FT LENGTH, 2-MODULE LED WITH P125 LENS
Light Source: (84) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

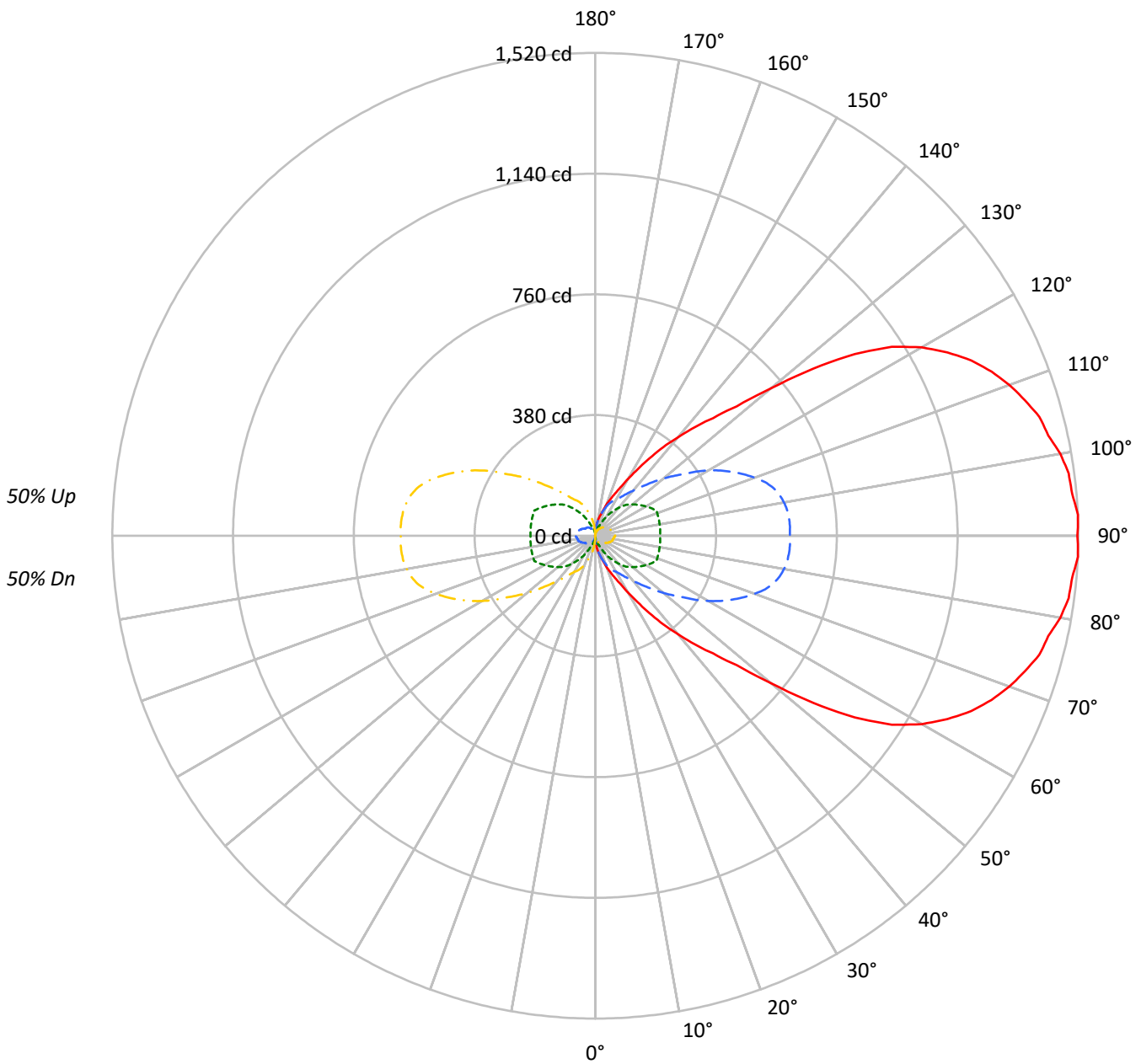
Lumens per Lamp: N/A
Luminaire Lumens: 3473.5 lumens
Efficiency: N/A
Efficacy: 102.5 lumens/watt
Spacing Criteria (0/90/45): - / - / -
Luminous Opening: Rectangular w/ Sides (W: 1.92' x L: 0.19' x H: 0.31')
CIE Type: General Diffuse

Input Watts (W): 33.9
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°	761	231	0	231
10°	1196	464	0	464
15°	1528	698	0	698
20°	2115	945	0	945
25°	2711	1434	0	1434
30°	3647	2197	0	2197
35°	5011	3029	0	3029
40°	6592	3959	0	3959
45°	8315	5022	0	5022
50°	11263	5985	0	5985
55°	15400	7154	0	7154
60°	18276	8614	12	8614
65°	20230	10497	12	10497
70°	21774	12538	13	12538
75°	23188	14850	13	14850
80°	24521	18417	0	18417
85°	25818	24566	0	24566



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1.6	0.0
10°-20°	11.1	0.3
20°-30°	31.2	0.9
30°-40°	69.2	2.0
40°-50°	133.7	3.8
50°-60°	238.0	6.9
60°-70°	350.9	10.1
70°-80°	430.4	12.4
80°-90°	470.5	13.5
90°-100°	470.5	13.5
100°-110°	430.4	12.4
110°-120°	350.9	10.1
120°-130°	238.0	6.9
130°-140°	133.7	3.8
140°-150°	69.2	2.0
150°-160°	31.2	0.9
160°-170°	11.1	0.3
170°-180°	1.6	0.0
0°-30°	43.9	1.3
0°-40°	113.1	3.3
0°-60°	484.8	14.0
0°-90°	1736.7	50.0
90°-120°	1251.9	36.0
90°-150°	1692.8	48.7
90°-180°	1737.0	50.0
0°-180°	3473.5	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	0	0	0	0	0	
5°	29	8	0	8	29	3
15°	71	24	0	24	71	22
25°	146	47	0	47	146	71
35°	297	92	0	92	297	191
45°	524	138	0	138	524	420
55°	997	169	0	169	997	884
65°	1306	200	1	200	1306	1289
75°	1447	206	1	206	1447	1524
85°	1506	205	0	205	1506	1229
90°	1517	204	0	204	1517	833
95°	1506	205	0	205	1506	1229
105°	1447	206	1	206	1447	1524
115°	1306	200	1	200	1306	1289
125°	997	169	0	169	997	884
135°	524	138	0	138	524	420
145°	297	92	0	92	297	191
155°	146	47	0	47	146	71
165°	71	24	0	24	71	22
175°	29	8	0	8	29	3
180°	0	0	0	0	0	



TEST NUMBER: P231912

CATALOG NUMBER: FVS4WM-2-LD4-30-2STD-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°	11.8	12.0	12.1	12.3	12.5	12.6	12.8	12.4	12.4	12.3	12.3
5°	29.0	29.3	29.6	29.8	30.1	29.6	29.5	29.4	29.2	28.9	28.6
7.5°	39.2	39.7	40.2	40.6	40.6	40.8	41.0	41.0	41.0	41.0	40.8
10°	50.9	51.6	52.3	53.0	53.0	53.3	53.4	53.5	53.5	53.3	53.1
12.5°	61.1	62.1	63.1	63.6	64.2	64.7	65.1	65.3	65.5	65.5	65.3
15°	71.3	72.6	73.9	74.7	75.5	76.2	76.8	77.2	77.4	77.5	77.4
17.5°	86.2	87.5	88.9	89.3	90.0	90.5	90.8	90.9	90.9	90.7	90.4
20°	106.6	107.5	108.4	108.0	108.0	107.7	107.3	106.7	106.0	105.2	104.3
22.5°	124.6	125.1	125.6	124.8	124.3	123.7	122.8	121.8	120.7	119.4	118.1
25°	145.8	145.8	145.0	144.0	142.7	141.2	139.3	137.3	135.1	132.7	130.2
27.5°	170.8	170.3	168.6	166.8	164.5	161.8	158.8	155.4	151.7	147.8	144.2
30°	206.9	205.5	202.4	199.0	194.9	190.1	184.7	178.8	172.5	165.7	160.8
32.5°	247.7	245.6	241.3	236.5	230.9	224.3	216.9	208.8	200.0	191.2	183.0
35°	297.0	294.2	288.5	282.1	274.4	265.5	255.4	244.2	232.0	220.8	209.6
37.5°	351.9	348.7	341.9	334.2	324.8	313.7	301.0	286.8	271.5	256.9	241.4
40°	404.4	402.1	395.9	388.4	378.8	366.8	352.5	335.8	317.8	299.2	279.3
42.5°	464.0	462.4	455.9	448.1	437.7	424.7	409.0	390.8	370.8	348.3	323.2
45°	523.5	524.8	520.4	514.0	503.9	489.9	471.8	452.3	427.9	403.1	377.1
47.5°	603.5	606.2	601.0	593.6	582.0	566.2	546.1	522.6	495.5	463.6	436.0
50°	721.8	723.1	712.5	699.4	681.0	657.8	630.1	602.6	572.6	537.7	502.5
52.5°	864.4	860.6	841.8	820.8	794.8	764.6	731.4	695.9	653.7	610.1	569.9
55°	996.9	987.7	963.4	937.0	905.6	870.3	831.7	788.5	738.6	687.2	636.0
57.5°	1106.6	1091.7	1063.4	1033.5	999.8	963.3	921.7	873.3	824.0	763.3	703.8
60°	1185.8	1169.1	1140.8	1110.3	1075.0	1035.6	992.9	948.2	896.5	836.6	772.9
62.5°	1249.2	1228.5	1202.7	1172.2	1137.3	1098.8	1054.9	1009.0	958.1	903.9	837.2
65°	1305.7	1284.6	1258.1	1226.5	1189.9	1149.9	1107.3	1061.5	1009.8	954.6	894.7
67.5°	1349.6	1329.7	1304.7	1274.2	1238.2	1197.2	1151.7	1103.3	1052.8	997.2	938.9
70°	1387.2	1372.6	1351.2	1321.3	1281.0	1237.4	1191.4	1140.1	1086.4	1034.3	980.5
72.5°	1417.7	1408.5	1392.7	1368.5	1327.2	1274.6	1223.1	1171.4	1119.2	1067.5	1014.9
75°	1446.7	1441.7	1429.7	1401.8	1357.6	1306.8	1251.5	1200.3	1149.3	1095.4	1041.3
77.5°	1460.1	1459.6	1454.4	1425.7	1381.4	1331.1	1278.4	1226.1	1173.0	1117.6	1062.1
80°	1485.9	1483.8	1472.9	1445.2	1400.9	1350.1	1297.8	1245.8	1191.3	1133.8	1077.2
82.5°	1502.4	1500.5	1491.2	1469.6	1422.6	1364.9	1308.5	1253.6	1202.2	1148.3	1092.6
85°	1506.3	1507.8	1502.9	1477.7	1432.5	1375.6	1318.1	1264.4	1211.6	1158.6	1102.2
87.5°	1520.4	1517.2	1505.2	1484.2	1438.6	1385.6	1327.9	1270.9	1215.1	1162.4	1106.2
90°	1517.3	1515.7	1507.1	1486.7	1436.5	1382.5	1329.2	1270.4	1212.4	1159.9	1105.0
92.5°	1520.4	1517.2	1505.2	1484.2	1438.6	1385.6	1327.9	1270.9	1215.1	1162.4	1106.2
95°	1506.3	1507.8	1502.9	1477.7	1432.5	1375.6	1318.1	1264.4	1211.6	1158.6	1102.2
97.5°	1502.4	1500.5	1491.2	1469.6	1422.6	1364.9	1308.5	1253.6	1202.2	1148.3	1092.6
100°	1485.9	1483.8	1472.9	1445.2	1400.9	1350.1	1297.8	1245.8	1191.3	1133.8	1077.2
102.5°	1460.1	1459.6	1454.4	1425.7	1381.4	1331.1	1278.4	1226.1	1173.0	1117.6	1062.1
105°	1446.7	1441.7	1429.7	1401.8	1357.6	1306.8	1251.5	1200.3	1149.3	1095.4	1041.3
107.5°	1417.7	1408.5	1392.7	1368.5	1327.2	1274.6	1223.1	1171.4	1119.2	1067.5	1014.9
110°	1387.2	1372.6	1351.2	1321.3	1281.0	1237.4	1191.4	1140.1	1086.4	1034.3	980.5



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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°	1349.6	1329.7	1304.7	1274.2	1238.2	1197.2	1151.7	1103.3	1052.8	997.2	938.9
115°	1305.7	1284.6	1258.1	1226.5	1189.9	1149.9	1107.3	1061.5	1009.8	954.6	894.7
117.5°	1249.2	1228.5	1202.7	1172.2	1137.3	1098.8	1054.9	1009.0	958.1	903.9	837.2
120°	1185.8	1169.1	1140.8	1110.3	1075.0	1035.6	992.9	948.2	896.5	836.6	772.9
122.5°	1106.6	1091.7	1063.4	1033.5	999.8	963.3	921.7	873.3	824.0	763.3	703.8
125°	996.9	987.7	963.4	937.0	905.6	870.3	831.7	788.5	738.6	687.2	636.0
127.5°	864.4	860.6	841.8	820.8	794.8	764.6	731.4	695.9	653.7	610.1	569.9
130°	721.8	723.1	712.5	699.4	681.0	657.8	630.1	602.6	572.6	537.7	502.5
132.5°	603.5	606.2	601.0	593.6	582.0	566.2	546.1	522.6	495.5	463.6	436.0
135°	523.5	524.8	520.4	514.0	503.9	489.9	471.8	452.3	427.9	403.1	377.1
137.5°	464.0	462.4	455.9	448.1	437.7	424.7	409.0	390.8	370.8	348.3	323.2
140°	404.4	402.1	395.9	388.4	378.8	366.8	352.5	335.8	317.8	299.2	279.3
142.5°	351.9	348.7	341.9	334.2	324.8	313.7	301.0	286.8	271.5	256.9	241.4
145°	297.0	294.2	288.5	282.1	274.4	265.5	255.4	244.2	232.0	220.8	209.6
147.5°	247.7	245.6	241.3	236.5	230.9	224.3	216.9	208.8	200.0	191.2	183.0
150°	206.9	205.5	202.4	199.0	194.9	190.1	184.7	178.8	172.5	165.7	160.8
152.5°	170.8	170.3	168.6	166.8	164.5	161.8	158.8	155.4	151.7	147.8	144.2
155°	145.8	145.8	145.0	144.0	142.7	141.2	139.3	137.3	135.1	132.7	130.2
157.5°	124.6	125.1	125.6	124.8	124.3	123.7	122.8	121.8	120.7	119.4	118.1
160°	106.6	107.5	108.4	108.0	108.0	107.7	107.3	106.7	106.0	105.2	104.3
162.5°	86.2	87.5	88.9	89.3	90.0	90.5	90.8	90.9	90.9	90.7	90.4
165°	71.3	72.6	73.9	74.7	75.5	76.2	76.8	77.2	77.4	77.5	77.4
167.5°	61.1	62.1	63.1	63.6	64.2	64.7	65.1	65.3	65.5	65.5	65.3
170°	50.9	51.6	52.3	53.0	53.0	53.3	53.4	53.5	53.5	53.3	53.1
172.5°	39.2	39.7	40.2	40.6	40.6	40.8	41.0	41.0	41.0	41.0	40.8
175°	29.0	29.3	29.6	29.8	30.1	29.6	29.5	29.4	29.2	28.9	28.6
177.5°	11.8	12.0	12.1	12.3	12.5	12.6	12.8	12.4	12.4	12.3	12.3
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	12.2	12.1	12.0	11.8	11.7	11.5	11.3	11.0	10.8	10.5	10.2
5°	28.2	27.8	27.2	26.7	26.1	25.4	24.7	23.9	23.1	22.2	21.3
7.5°	40.6	40.3	40.0	39.5	39.1	38.5	37.9	37.2	36.4	35.2	33.9
10°	52.7	52.3	51.7	51.0	50.3	49.4	48.5	47.5	46.5	45.4	44.2
12.5°	65.1	64.7	64.2	63.5	62.7	61.6	60.3	59.0	57.5	55.9	54.2
15°	77.2	76.8	76.2	75.4	74.5	73.4	72.2	70.7	69.2	67.2	65.1
17.5°	89.9	89.3	88.6	87.8	86.7	85.5	84.0	82.3	80.5	78.4	76.2
20°	103.4	102.5	101.5	100.4	99.2	97.9	96.3	94.4	92.2	89.8	87.2
22.5°	116.7	115.2	113.8	112.4	111.1	109.6	108.0	106.2	104.4	101.6	98.6
25°	128.3	126.4	124.6	122.7	121.1	119.5	118.2	116.9	114.8	112.7	110.9
27.5°	141.0	137.8	134.5	131.7	129.6	127.7	126.1	124.6	123.6	122.4	120.1
30°	155.8	150.6	145.8	141.8	138.2	134.6	132.6	130.8	130.9	132.0	132.9
32.5°	174.5	165.9	159.1	153.2	147.3	142.9	141.7	141.3	142.0	142.6	143.5
35°	197.9	186.5	176.7	166.8	160.6	158.1	155.2	154.4	153.5	153.7	154.2
37.5°	225.1	210.9	197.3	189.8	183.1	176.6	172.3	168.6	166.4	165.2	164.9
40°	259.0	241.6	229.3	219.0	209.0	199.8	192.1	185.3	180.9	177.6	176.2
42.5°	300.9	284.3	267.7	253.3	239.7	226.8	214.5	205.5	197.1	191.8	188.3
45°	354.7	331.3	311.0	290.9	273.2	256.2	241.6	227.1	216.8	207.6	201.5
47.5°	410.1	383.5	357.4	332.1	309.8	288.9	270.1	253.4	237.4	225.8	216.6
50°	466.5	435.3	405.0	376.1	349.0	323.3	300.5	280.1	261.9	245.4	232.6
52.5°	529.4	489.7	452.5	419.4	388.0	359.3	332.0	308.2	287.8	267.1	257.5
55°	589.4	545.1	502.6	462.1	426.7	393.9	363.5	337.3	319.0	303.6	291.8
57.5°	648.7	597.2	550.7	506.4	464.9	428.4	400.2	375.5	354.3	337.9	325.6
60°	706.4	648.1	595.0	547.3	506.9	470.0	437.5	410.9	388.9	371.1	357.7
62.5°	767.6	695.6	639.6	593.4	550.9	509.1	474.0	444.8	421.2	401.9	387.7
65°	823.1	752.5	685.9	636.3	591.8	548.8	508.1	475.3	451.0	431.8	417.4
67.5°	876.3	803.6	734.1	675.0	628.4	585.5	541.2	505.8	479.4	459.7	445.1
70°	918.7	847.3	776.5	709.4	660.9	617.7	574.1	533.9	504.9	485.2	470.9
72.5°	957.4	884.1	808.9	741.6	687.8	645.9	604.2	560.6	528.4	509.1	495.3
75°	984.6	918.0	836.8	765.5	709.2	669.9	627.2	580.5	547.6	528.3	516.2
77.5°	1006.9	946.0	860.9	787.0	728.2	681.5	637.6	593.9	561.8	545.0	535.5
80°	1023.3	964.2	887.0	806.9	742.6	691.6	645.8	603.2	572.5	559.6	553.4
82.5°	1038.8	980.0	906.5	822.5	753.6	700.3	652.0	609.1	580.3	572.6	570.2
85°	1049.7	992.1	919.4	833.5	761.1	707.2	656.0	612.1	586.1	584.4	586.3
87.5°	1055.8	1002.6	928.9	842.3	766.9	713.3	658.9	613.3	590.6	595.5	601.9
90°	1057.2	1002.4	926.3	841.7	766.5	714.0	657.5	612.1	594.8	606.6	617.6
92.5°	1055.8	1002.6	928.9	842.3	766.9	713.3	658.9	613.3	590.6	595.5	601.9
95°	1049.7	992.1	919.4	833.5	761.1	707.2	656.0	612.1	586.1	584.4	586.3
97.5°	1038.8	980.0	906.5	822.5	753.6	700.3	652.0	609.1	580.3	572.6	570.2
100°	1023.3	964.2	887.0	806.9	742.6	691.6	645.8	603.2	572.5	559.6	553.4
102.5°	1006.9	946.0	860.9	787.0	728.2	681.5	637.6	593.9	561.8	545.0	535.5
105°	984.6	918.0	836.8	765.5	709.2	669.9	627.2	580.5	547.6	528.3	516.2
107.5°	957.4	884.1	808.9	741.6	687.8	645.9	604.2	560.6	528.4	509.1	495.3
110°	918.7	847.3	776.5	709.4	660.9	617.7	574.1	533.9	504.9	485.2	470.9



TEST NUMBER: P231912

CATALOG NUMBER: FVS4WM-2-LD4-30-2STD-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°	876.3	803.6	734.1	675.0	628.4	585.5	541.2	505.8	479.4	459.7	445.1
115°	823.1	752.5	685.9	636.3	591.8	548.8	508.1	475.3	451.0	431.8	417.4
117.5°	767.6	695.6	639.6	593.4	550.9	509.1	474.0	444.8	421.2	401.9	387.7
120°	706.4	648.1	595.0	547.3	506.9	470.0	437.5	410.9	388.9	371.1	357.7
122.5°	648.7	597.2	550.7	506.4	464.9	428.4	400.2	375.5	354.3	337.9	325.6
125°	589.4	545.1	502.6	462.1	426.7	393.9	363.5	337.3	319.0	303.6	291.8
127.5°	529.4	489.7	452.5	419.4	388.0	359.3	332.0	308.2	287.8	267.1	257.5
130°	466.5	435.3	405.0	376.1	349.0	323.3	300.5	280.1	261.9	245.4	232.6
132.5°	410.1	383.5	357.4	332.1	309.8	288.9	270.1	253.4	237.4	225.8	216.6
135°	354.7	331.3	311.0	290.9	273.2	256.2	241.6	227.1	216.8	207.6	201.5
137.5°	300.9	284.3	267.7	253.3	239.7	226.8	214.5	205.5	197.1	191.8	188.3
140°	259.0	241.6	229.3	219.0	209.0	199.8	192.1	185.3	180.9	177.6	176.2
142.5°	225.1	210.9	197.3	189.8	183.1	176.6	172.3	168.6	166.4	165.2	164.9
145°	197.9	186.5	176.7	166.8	160.6	158.1	155.2	154.4	153.5	153.7	154.2
147.5°	174.5	165.9	159.1	153.2	147.3	142.9	141.7	141.3	142.0	142.6	143.5
150°	155.8	150.6	145.8	141.8	138.2	134.6	132.6	130.8	130.9	132.0	132.9
152.5°	141.0	137.8	134.5	131.7	129.6	127.7	126.1	124.6	123.6	122.4	120.1
155°	128.3	126.4	124.6	122.7	121.1	119.5	118.2	116.9	114.8	112.7	110.9
157.5°	116.7	115.2	113.8	112.4	111.1	109.6	108.0	106.2	104.4	101.6	98.6
160°	103.4	102.5	101.5	100.4	99.2	97.9	96.3	94.4	92.2	89.8	87.2
162.5°	89.9	89.3	88.6	87.8	86.7	85.5	84.0	82.3	80.5	78.4	76.2
165°	77.2	76.8	76.2	75.4	74.5	73.4	72.2	70.7	69.2	67.2	65.1
167.5°	65.1	64.7	64.2	63.5	62.7	61.6	60.3	59.0	57.5	55.9	54.2
170°	52.7	52.3	51.7	51.0	50.3	49.4	48.5	47.5	46.5	45.4	44.2
172.5°	40.6	40.3	40.0	39.5	39.1	38.5	37.9	37.2	36.4	35.2	33.9
175°	28.2	27.8	27.2	26.7	26.1	25.4	24.7	23.9	23.1	22.2	21.3
177.5°	12.2	12.1	12.0	11.8	11.7	11.5	11.3	11.0	10.8	10.5	10.2
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: P231912

CATALOG NUMBER: FVS4WM-2-LD4-30-2STD-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°	9.9	9.6	9.2	8.9	8.5	8.1	7.7	7.2	6.8	6.3	5.9
5°	20.3	19.3	18.3	17.6	16.8	16.0	15.2	14.4	13.5	12.6	11.7
7.5°	32.4	31.0	29.4	27.8	26.2	24.5	22.7	21.4	20.1	18.8	17.4
10°	42.9	41.6	40.2	38.0	35.9	33.7	31.4	29.1	26.7	24.9	23.1
12.5°	52.5	50.7	48.9	46.9	44.9	42.4	39.7	36.9	34.1	31.2	28.7
15°	62.9	60.5	58.3	55.6	53.0	50.4	47.6	44.4	41.1	37.8	34.4
17.5°	74.1	70.9	67.9	64.7	61.5	58.3	55.0	51.6	47.9	44.1	40.3
20°	84.4	81.4	78.1	74.4	70.5	66.5	62.6	58.6	54.4	50.3	46.1
22.5°	95.4	91.9	88.2	84.2	79.9	75.2	70.4	65.7	60.9	56.1	51.6
25°	106.7	102.7	98.5	94.0	90.4	86.4	82.0	77.5	73.1	68.5	64.0
27.5°	118.9	116.5	113.2	109.6	105.7	101.6	97.0	92.1	87.2	82.3	77.4
30°	132.3	131.1	128.7	124.9	120.9	116.5	111.8	106.6	101.5	96.0	90.7
32.5°	144.4	143.9	142.6	139.8	135.6	131.1	126.1	120.8	115.1	109.5	103.9
35°	154.9	155.6	155.0	153.6	150.0	145.4	140.3	135.1	128.8	122.8	117.0
37.5°	165.4	166.1	166.7	165.7	164.5	159.3	154.2	148.5	142.3	135.9	129.9
40°	176.0	176.4	177.1	177.3	176.1	172.9	167.8	161.9	155.7	149.0	142.7
42.5°	186.7	186.8	187.3	187.9	187.5	186.3	181.0	175.2	168.8	162.0	155.3
45°	198.3	196.9	197.5	198.1	198.5	197.5	193.9	188.4	181.7	174.8	167.8
47.5°	209.7	207.9	207.4	208.2	208.7	209.8	210.0	205.5	198.8	190.9	182.2
50°	224.3	220.3	225.9	231.9	235.4	236.1	234.9	228.5	219.6	208.9	197.6
52.5°	252.9	254.5	260.4	265.4	267.2	264.3	260.3	252.6	241.4	227.7	213.6
55°	286.2	288.1	294.1	300.7	300.9	294.8	287.1	277.5	264.1	247.3	230.2
57.5°	318.8	318.9	327.0	335.5	335.5	327.4	315.3	303.3	287.4	267.5	247.3
60°	349.0	348.3	358.4	368.9	371.3	361.9	344.5	329.7	311.0	288.3	264.7
62.5°	379.5	378.6	387.7	401.6	408.2	398.2	375.3	356.6	335.1	309.6	282.5
65°	408.6	407.1	415.1	433.8	446.0	434.2	408.0	384.1	359.7	331.2	300.5
67.5°	435.8	434.0	441.0	464.5	479.2	470.0	441.8	412.3	384.7	353.2	318.8
70°	461.6	460.8	469.2	491.7	505.7	494.8	461.7	425.1	393.3	359.3	322.8
72.5°	485.8	483.2	489.1	503.0	512.2	500.6	467.1	428.2	395.2	361.2	324.5
75°	507.3	503.5	508.1	517.4	520.8	506.9	472.0	430.9	396.8	362.7	325.7
77.5°	528.2	523.6	527.2	534.3	531.0	513.4	476.2	433.4	398.0	363.9	326.5
80°	548.6	543.5	546.5	553.1	542.4	520.0	479.8	435.6	398.8	364.6	327.0
82.5°	568.5	563.3	565.9	573.3	554.7	526.3	482.8	437.3	399.3	364.9	328.1
85°	588.0	583.0	585.5	594.3	567.2	534.0	486.6	439.7	400.1	365.6	327.4
87.5°	607.3	602.6	605.2	616.0	580.2	538.2	487.0	439.7	399.1	364.6	326.7
90°	626.2	622.3	625.4	636.4	591.7	542.3	487.5	439.7	398.1	363.6	326.0
92.5°	607.3	602.6	605.2	616.0	580.2	538.2	487.0	439.7	399.1	364.6	326.7
95°	588.0	583.0	585.5	594.3	567.2	534.0	486.6	439.7	400.1	365.6	327.4
97.5°	568.5	563.3	565.9	573.3	554.7	526.3	482.8	437.3	399.3	364.9	328.1
100°	548.6	543.5	546.5	553.1	542.4	520.0	479.8	435.6	398.8	364.6	327.0
102.5°	528.2	523.6	527.2	534.3	531.0	513.4	476.2	433.4	398.0	363.9	326.5
105°	507.3	503.5	508.1	517.4	520.8	506.9	472.0	430.9	396.8	362.7	325.7
107.5°	485.8	483.2	489.1	503.0	512.2	500.6	467.1	428.2	395.2	361.2	324.5
110°	461.6	460.8	469.2	491.7	505.7	494.8	461.7	425.1	393.3	359.3	322.8



TEST NUMBER: P231912

CATALOG NUMBER: FVS4WM-2-LD4-30-2STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	435.8	434.0	441.0	464.5	479.2	470.0	441.8	412.3	384.7	353.2	318.8
115°	408.6	407.1	415.1	433.8	446.0	434.2	408.0	384.1	359.7	331.2	300.5
117.5°	379.5	378.6	387.7	401.6	408.2	398.2	375.3	356.6	335.1	309.6	282.5
120°	349.0	348.3	358.4	368.9	371.3	361.9	344.5	329.7	311.0	288.3	264.7
122.5°	318.8	318.9	327.0	335.5	335.5	327.4	315.3	303.3	287.4	267.5	247.3
125°	286.2	288.1	294.1	300.7	300.9	294.8	287.1	277.5	264.1	247.3	230.2
127.5°	252.9	254.5	260.4	265.4	267.2	264.3	260.3	252.6	241.4	227.7	213.6
130°	224.3	220.3	225.9	231.9	235.4	236.1	234.9	228.5	219.6	208.9	197.6
132.5°	209.7	207.9	207.4	208.2	208.7	209.8	210.0	205.5	198.8	190.9	182.2
135°	198.3	196.9	197.5	198.1	198.5	197.5	193.9	188.4	181.7	174.8	167.8
137.5°	186.7	186.8	187.3	187.9	187.5	186.3	181.0	175.2	168.8	162.0	155.3
140°	176.0	176.4	177.1	177.3	176.1	172.9	167.8	161.9	155.7	149.0	142.7
142.5°	165.4	166.1	166.7	165.7	164.5	159.3	154.2	148.5	142.3	135.9	129.9
145°	154.9	155.6	155.0	153.6	150.0	145.4	140.3	135.1	128.8	122.8	117.0
147.5°	144.4	143.9	142.6	139.8	135.6	131.1	126.1	120.8	115.1	109.5	103.9
150°	132.3	131.1	128.7	124.9	120.9	116.5	111.8	106.6	101.5	96.0	90.7
152.5°	118.9	116.5	113.2	109.6	105.7	101.6	97.0	92.1	87.2	82.3	77.4
155°	106.7	102.7	98.5	94.0	90.4	86.4	82.0	77.5	73.1	68.5	64.0
157.5°	95.4	91.9	88.2	84.2	79.9	75.2	70.4	65.7	60.9	56.1	51.6
160°	84.4	81.4	78.1	74.4	70.5	66.5	62.6	58.6	54.4	50.3	46.1
162.5°	74.1	70.9	67.9	64.7	61.5	58.3	55.0	51.6	47.9	44.1	40.3
165°	62.9	60.5	58.3	55.6	53.0	50.4	47.6	44.4	41.1	37.8	34.4
167.5°	52.5	50.7	48.9	46.9	44.9	42.4	39.7	36.9	34.1	31.2	28.7
170°	42.9	41.6	40.2	38.0	35.9	33.7	31.4	29.1	26.7	24.9	23.1
172.5°	32.4	31.0	29.4	27.8	26.2	24.5	22.7	21.4	20.1	18.8	17.4
175°	20.3	19.3	18.3	17.6	16.8	16.0	15.2	14.4	13.5	12.6	11.7
177.5°	9.9	9.6	9.2	8.9	8.5	8.1	7.7	7.2	6.8	6.3	5.9
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: P231912

CATALOG NUMBER: FVS4WM-2-LD4-30-2STD-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°	5.4	4.9	4.4	3.9	3.9	3.9	3.8	3.8	3.8	3.7	3.6
5°	10.8	9.8	8.8	7.8	7.8	7.7	7.6	7.5	7.4	7.2	7.1
7.5°	16.1	14.7	13.2	11.8	11.6	11.4	11.3	11.0	10.8	10.6	10.3
10°	21.3	19.5	17.6	15.7	15.4	15.1	14.8	14.5	14.1	13.8	13.6
12.5°	26.5	24.3	22.0	19.6	19.2	18.8	18.3	17.8	17.4	17.1	16.8
15°	31.7	29.0	26.3	23.5	23.0	22.3	21.7	21.1	20.8	20.4	20.1
17.5°	36.7	33.7	30.6	27.5	26.7	25.9	25.0	24.5	24.1	23.7	23.2
20°	41.8	38.4	34.9	31.4	30.4	29.3	28.3	27.9	27.4	26.9	26.4
22.5°	47.1	43.0	39.2	35.3	34.0	32.7	31.7	31.2	30.7	30.1	29.6
25°	59.6	55.1	51.0	46.7	44.9	42.9	41.4	40.2	38.9	37.5	36.0
27.5°	72.5	67.6	63.0	58.1	55.7	53.2	51.5	49.8	48.0	46.2	44.2
30°	85.5	80.1	74.9	69.5	66.5	63.3	61.3	59.1	56.9	54.5	52.0
32.5°	98.3	92.6	86.8	80.9	77.2	73.6	71.0	68.2	65.4	62.5	59.3
35°	111.1	105.1	98.8	92.3	87.9	83.7	80.5	77.2	73.8	70.1	66.3
37.5°	123.8	117.5	110.8	103.7	98.5	93.7	89.9	85.9	82.0	77.4	73.2
40°	136.5	129.9	122.7	115.1	109.1	103.7	99.1	94.5	89.6	84.4	79.7
42.5°	149.0	142.2	134.7	126.5	119.6	113.5	108.4	102.9	97.2	91.4	86.1
45°	161.5	154.5	146.7	137.9	130.1	123.3	117.2	111.1	104.5	98.0	92.2
47.5°	173.8	165.2	155.9	145.7	136.2	128.3	121.3	114.5	107.8	101.7	95.9
50°	186.6	175.9	165.1	153.4	142.2	132.9	124.6	116.8	109.6	103.7	97.3
52.5°	199.8	186.8	174.4	161.2	148.1	137.3	127.8	119.1	111.4	105.8	99.2
55°	213.4	197.8	183.7	168.9	153.9	141.7	130.9	121.4	113.5	107.9	101.4
57.5°	227.3	209.0	193.1	176.7	159.7	145.9	133.9	123.7	115.9	110.2	103.9
60°	241.5	220.2	202.5	184.4	165.4	150.1	136.7	126.0	118.3	112.7	107.1
62.5°	256.0	231.5	211.9	192.2	171.1	154.2	139.5	128.3	120.8	115.4	110.2
65°	270.7	242.9	221.4	199.9	176.7	158.2	142.3	130.7	123.4	118.3	113.8
67.5°	285.5	254.3	230.8	207.7	182.3	162.2	145.0	133.1	126.1	121.5	117.6
70°	289.0	257.0	231.8	207.3	181.2	161.1	144.0	132.5	125.8	121.6	118.5
72.5°	291.4	259.4	232.7	206.8	180.0	160.0	142.9	131.6	124.8	120.5	117.6
75°	293.6	261.8	234.6	206.4	178.9	158.9	141.9	130.8	123.8	119.4	116.8
77.5°	295.5	264.1	235.2	206.0	177.8	158.0	140.9	130.1	122.7	118.3	116.0
80°	297.1	267.3	235.8	205.5	176.8	157.1	140.1	129.4	121.8	117.3	115.3
82.5°	299.3	269.0	236.4	205.1	175.8	156.3	139.4	128.9	120.8	116.3	114.6
85°	300.1	270.8	237.0	204.7	174.9	155.6	138.8	128.4	119.9	115.3	114.0
87.5°	300.9	272.5	237.6	204.2	174.0	155.0	138.3	128.0	119.1	114.4	113.5
90°	301.7	274.3	238.2	203.8	173.2	154.4	137.9	127.7	118.3	113.6	112.9
92.5°	300.9	272.5	237.6	204.2	174.0	155.0	138.3	128.0	119.1	114.4	113.5
95°	300.1	270.8	237.0	204.7	174.9	155.6	138.8	128.4	119.9	115.3	114.0
97.5°	299.3	269.0	236.4	205.1	175.8	156.3	139.4	128.9	120.8	116.3	114.6
100°	297.1	267.3	235.8	205.5	176.8	157.1	140.1	129.4	121.8	117.3	115.3
102.5°	295.5	264.1	235.2	206.0	177.8	158.0	140.9	130.1	122.7	118.3	116.0
105°	293.6	261.8	234.6	206.4	178.9	158.9	141.9	130.8	123.8	119.4	116.8
107.5°	291.4	259.4	232.7	206.8	180.0	160.0	142.9	131.6	124.8	120.5	117.6
110°	289.0	257.0	231.8	207.3	181.2	161.1	144.0	132.5	125.8	121.6	118.5



TEST NUMBER: P231912

CATALOG NUMBER: FVS4WM-2-LD4-30-2STD-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°	285.5	254.3	230.8	207.7	182.3	162.2	145.0	133.1	126.1	121.5	117.6
115°	270.7	242.9	221.4	199.9	176.7	158.2	142.3	130.7	123.4	118.3	113.8
117.5°	256.0	231.5	211.9	192.2	171.1	154.2	139.5	128.3	120.8	115.4	110.2
120°	241.5	220.2	202.5	184.4	165.4	150.1	136.7	126.0	118.3	112.7	107.1
122.5°	227.3	209.0	193.1	176.7	159.7	145.9	133.9	123.7	115.9	110.2	103.9
125°	213.4	197.8	183.7	168.9	153.9	141.7	130.9	121.4	113.5	107.9	101.4
127.5°	199.8	186.8	174.4	161.2	148.1	137.3	127.8	119.1	111.4	105.8	99.2
130°	186.6	175.9	165.1	153.4	142.2	132.9	124.6	116.8	109.6	103.7	97.3
132.5°	173.8	165.2	155.9	145.7	136.2	128.3	121.3	114.5	107.8	101.7	95.9
135°	161.5	154.5	146.7	137.9	130.1	123.3	117.2	111.1	104.5	98.0	92.2
137.5°	149.0	142.2	134.7	126.5	119.6	113.5	108.4	102.9	97.2	91.4	86.1
140°	136.5	129.9	122.7	115.1	109.1	103.7	99.1	94.5	89.6	84.4	79.7
142.5°	123.8	117.5	110.8	103.7	98.5	93.7	89.9	85.9	82.0	77.4	73.2
145°	111.1	105.1	98.8	92.3	87.9	83.7	80.5	77.2	73.8	70.1	66.3
147.5°	98.3	92.6	86.8	80.9	77.2	73.6	71.0	68.2	65.4	62.5	59.3
150°	85.5	80.1	74.9	69.5	66.5	63.3	61.3	59.1	56.9	54.5	52.0
152.5°	72.5	67.6	63.0	58.1	55.7	53.2	51.5	49.8	48.0	46.2	44.2
155°	59.6	55.1	51.0	46.7	44.9	42.9	41.4	40.2	38.9	37.5	36.0
157.5°	47.1	43.0	39.2	35.3	34.0	32.7	31.7	31.2	30.7	30.1	29.6
160°	41.8	38.4	34.9	31.4	30.4	29.3	28.3	27.9	27.4	26.9	26.4
162.5°	36.7	33.7	30.6	27.5	26.7	25.9	25.0	24.5	24.1	23.7	23.2
165°	31.7	29.0	26.3	23.5	23.0	22.3	21.7	21.1	20.8	20.4	20.1
167.5°	26.5	24.3	22.0	19.6	19.2	18.8	18.3	17.8	17.4	17.1	16.8
170°	21.3	19.5	17.6	15.7	15.4	15.1	14.8	14.5	14.1	13.8	13.6
172.5°	16.1	14.7	13.2	11.8	11.6	11.4	11.3	11.0	10.8	10.6	10.3
175°	10.8	9.8	8.8	7.8	7.8	7.7	7.6	7.5	7.4	7.2	7.1
177.5°	5.4	4.9	4.4	3.9	3.9	3.9	3.8	3.8	3.8	3.7	3.6
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: P231912

CATALOG NUMBER: FVS4WM-2-LD4-30-2STD-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°	3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.6
5°	6.9	6.7	6.6	6.4	6.2	6.0	5.8	5.6	5.4	5.2	5.0
7.5°	10.1	9.9	9.6	9.4	9.2	8.9	8.6	8.3	8.0	7.7	7.4
10°	13.3	13.0	12.7	12.4	12.1	11.7	11.4	11.0	10.6	10.1	9.7
12.5°	16.5	16.1	15.8	15.4	15.0	14.5	14.0	13.6	13.0	12.5	12.0
15°	19.7	19.2	18.8	18.3	17.8	17.2	16.7	16.1	15.4	14.8	14.1
17.5°	22.8	22.3	21.7	21.1	20.5	19.9	19.2	18.5	17.8	17.0	16.2
20°	25.9	25.3	24.6	23.9	23.2	22.5	21.7	20.9	20.0	19.2	18.3
22.5°	28.9	28.2	27.5	26.7	25.8	25.0	24.1	23.2	22.3	21.3	20.3
25°	34.4	32.7	31.0	29.4	28.4	27.5	26.5	25.5	24.4	23.4	22.3
27.5°	42.1	40.0	37.9	35.9	33.7	31.6	29.6	27.7	26.5	25.4	24.2
30°	49.4	46.9	44.4	41.7	39.1	36.5	34.1	31.8	29.7	27.7	25.8
32.5°	56.3	53.4	50.2	46.9	43.7	40.7	37.9	35.4	32.9	30.5	28.1
35°	62.9	59.4	55.3	51.3	47.6	44.2	41.1	38.2	35.4	32.7	30.4
37.5°	69.2	64.6	59.7	55.2	51.0	47.3	43.8	40.6	37.5	34.8	32.3
40°	75.0	69.2	63.7	58.6	54.1	49.9	46.1	42.6	39.3	36.4	33.9
42.5°	80.1	73.4	67.3	61.6	56.7	52.3	48.1	44.3	40.9	37.9	35.3
45°	84.7	77.3	70.3	64.4	59.1	54.3	49.8	45.7	42.3	39.3	36.5
47.5°	88.1	80.6	73.3	66.8	61.3	56.1	51.1	47.2	43.7	40.5	37.4
50°	89.8	82.7	75.8	69.4	63.6	57.6	52.7	48.5	44.9	41.4	38.1
52.5°	92.1	85.3	78.5	72.4	66.4	60.5	55.6	50.8	45.9	42.2	38.6
55°	94.8	88.3	81.6	75.5	69.4	64.2	59.5	54.8	49.5	44.2	39.1
57.5°	98.0	91.5	84.9	78.7	72.6	68.3	63.9	58.8	53.1	47.3	41.8
60°	101.4	94.9	88.4	82.3	76.9	72.8	68.5	62.6	56.3	50.1	44.3
62.5°	105.2	98.5	92.1	86.0	81.5	77.6	72.8	66.4	59.3	52.8	46.6
65°	108.9	102.4	95.9	89.9	86.4	82.7	77.0	69.8	62.3	55.4	48.6
67.5°	112.9	106.4	100.0	94.4	91.6	88.0	81.1	73.1	65.3	57.8	50.7
70°	114.4	108.7	103.2	99.1	96.9	92.9	85.3	76.4	68.3	60.1	52.8
72.5°	113.6	108.4	103.3	99.8	97.6	93.7	86.8	78.8	71.1	62.3	54.8
75°	113.0	108.4	103.6	100.3	97.7	93.1	86.3	78.6	70.6	62.7	55.9
77.5°	112.7	108.5	104.0	100.8	97.7	92.8	86.2	78.7	70.5	62.8	56.3
80°	112.5	108.8	104.6	101.3	97.8	92.8	86.5	79.0	70.7	63.3	57.0
82.5°	112.5	109.3	105.4	101.7	97.9	93.0	87.2	79.7	71.1	64.1	58.0
85°	112.6	109.9	106.2	102.2	98.1	93.4	88.2	80.5	71.9	65.2	59.3
87.5°	112.7	110.6	107.2	102.8	98.4	94.0	89.5	81.7	73.1	66.6	60.9
90°	112.9	111.3	108.2	103.4	98.7	94.8	90.9	83.1	74.5	68.2	62.7
92.5°	112.7	110.6	107.2	102.8	98.4	94.0	89.5	81.7	73.1	66.6	60.9
95°	112.6	109.9	106.2	102.2	98.1	93.4	88.2	80.5	71.9	65.2	59.3
97.5°	112.5	109.3	105.4	101.7	97.9	93.0	87.2	79.7	71.1	64.1	58.0
100°	112.5	108.8	104.6	101.3	97.8	92.8	86.5	79.0	70.7	63.3	57.0
102.5°	112.7	108.5	104.0	100.8	97.7	92.8	86.2	78.7	70.5	62.8	56.3
105°	113.0	108.4	103.6	100.3	97.7	93.1	86.3	78.6	70.6	62.7	55.9
107.5°	113.6	108.4	103.3	99.8	97.6	93.7	86.8	78.8	71.1	62.3	54.8
110°	114.4	108.7	103.2	99.1	96.9	92.9	85.3	76.4	68.3	60.1	52.8



TEST NUMBER: P231912

CATALOG NUMBER: FVS4WM-2-LD4-30-2STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	112.9	106.4	100.0	94.4	91.6	88.0	81.1	73.1	65.3	57.8	50.7
115°	108.9	102.4	95.9	89.9	86.4	82.7	77.0	69.8	62.3	55.4	48.6
117.5°	105.2	98.5	92.1	86.0	81.5	77.6	72.8	66.4	59.3	52.8	46.6
120°	101.4	94.9	88.4	82.3	76.9	72.8	68.5	62.6	56.3	50.1	44.3
122.5°	98.0	91.5	84.9	78.7	72.6	68.3	63.9	58.8	53.1	47.3	41.8
125°	94.8	88.3	81.6	75.5	69.4	64.2	59.5	54.8	49.5	44.2	39.1
127.5°	92.1	85.3	78.5	72.4	66.4	60.5	55.6	50.8	45.9	42.2	38.6
130°	89.8	82.7	75.8	69.4	63.6	57.6	52.7	48.5	44.9	41.4	38.1
132.5°	88.1	80.6	73.3	66.8	61.3	56.1	51.1	47.2	43.7	40.5	37.4
135°	84.7	77.3	70.3	64.4	59.1	54.3	49.8	45.7	42.3	39.3	36.5
137.5°	80.1	73.4	67.3	61.6	56.7	52.3	48.1	44.3	40.9	37.9	35.3
140°	75.0	69.2	63.7	58.6	54.1	49.9	46.1	42.6	39.3	36.4	33.9
142.5°	69.2	64.6	59.7	55.2	51.0	47.3	43.8	40.6	37.5	34.8	32.3
145°	62.9	59.4	55.3	51.3	47.6	44.2	41.1	38.2	35.4	32.7	30.4
147.5°	56.3	53.4	50.2	46.9	43.7	40.7	37.9	35.4	32.9	30.5	28.1
150°	49.4	46.9	44.4	41.7	39.1	36.5	34.1	31.8	29.7	27.7	25.8
152.5°	42.1	40.0	37.9	35.9	33.7	31.6	29.6	27.7	26.5	25.4	24.2
155°	34.4	32.7	31.0	29.4	28.4	27.5	26.5	25.5	24.4	23.4	22.3
157.5°	28.9	28.2	27.5	26.7	25.8	25.0	24.1	23.2	22.3	21.3	20.3
160°	25.9	25.3	24.6	23.9	23.2	22.5	21.7	20.9	20.0	19.2	18.3
162.5°	22.8	22.3	21.7	21.1	20.5	19.9	19.2	18.5	17.8	17.0	16.2
165°	19.7	19.2	18.8	18.3	17.8	17.2	16.7	16.1	15.4	14.8	14.1
167.5°	16.5	16.1	15.8	15.4	15.0	14.5	14.0	13.6	13.0	12.5	12.0
170°	13.3	13.0	12.7	12.4	12.1	11.7	11.4	11.0	10.6	10.1	9.7
172.5°	10.1	9.9	9.6	9.4	9.2	8.9	8.6	8.3	8.0	7.7	7.4
175°	6.9	6.7	6.6	6.4	6.2	6.0	5.8	5.6	5.4	5.2	5.0
177.5°	3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.6
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: P231912

CATALOG NUMBER: FVS4WM-2-LD4-30-2STD-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°	2.5	2.3	2.2	2.1	1.9	1.8	1.7	1.5	1.4	1.2	1.1
5°	4.8	4.5	4.3	4.0	3.8	3.5	3.2	3.0	2.7	2.4	2.1
7.5°	7.0	6.7	6.3	5.9	5.6	5.2	4.8	4.4	3.9	3.5	3.1
10°	9.3	8.8	8.3	7.8	7.3	6.8	6.2	5.7	5.2	4.6	4.0
12.5°	11.4	10.8	10.2	9.6	8.9	8.3	7.7	7.0	6.3	5.6	4.9
15°	13.4	12.7	12.0	11.3	10.5	9.8	9.0	8.2	7.4	6.6	5.8
17.5°	15.4	14.6	13.8	13.0	12.1	11.2	10.3	9.4	8.5	7.6	6.7
20°	17.4	16.5	15.5	14.6	13.6	12.6	11.6	10.6	9.6	8.5	7.5
22.5°	19.3	18.3	17.2	16.1	15.0	13.9	12.8	11.7	10.5	9.3	8.1
25°	21.1	20.0	18.8	17.6	16.3	15.0	13.7	12.4	11.2	10.0	8.8
27.5°	22.9	21.5	20.1	18.7	17.3	16.1	14.8	13.4	12.1	10.8	9.5
30°	24.3	22.7	21.4	20.0	18.6	17.2	15.8	14.4	13.0	11.6	10.1
32.5°	26.1	24.3	22.8	21.4	19.9	18.4	16.9	15.4	13.9	12.3	10.8
35°	28.2	26.2	24.4	22.7	21.1	19.5	17.9	16.3	14.7	13.1	11.5
37.5°	30.0	27.9	26.0	24.1	22.3	20.6	18.9	17.3	15.6	13.9	12.2
40°	31.5	29.3	27.2	25.3	23.4	21.8	20.0	18.2	16.4	14.6	12.8
42.5°	32.8	30.5	28.2	26.2	24.3	22.5	20.9	19.1	17.2	15.3	13.4
45°	33.8	31.3	29.0	26.8	24.8	23.0	21.4	19.9	17.8	15.6	13.4
47.5°	34.5	31.8	29.3	27.0	25.0	23.2	21.3	19.5	17.8	15.6	13.5
50°	35.0	32.1	29.4	27.1	25.0	22.9	20.9	19.1	17.4	15.9	13.9
52.5°	35.2	32.1	29.4	27.0	24.6	22.5	20.5	19.0	17.5	15.9	13.9
55°	35.1	32.1	29.3	26.6	24.3	22.3	20.7	19.0	17.0	15.3	13.5
57.5°	36.7	32.1	29.0	26.4	24.2	22.5	20.5	18.4	16.7	14.9	13.3
60°	38.9	34.1	29.9	26.4	24.6	22.4	20.2	18.6	16.8	15.1	13.3
62.5°	40.9	35.9	31.6	28.2	24.9	22.2	20.7	18.9	17.1	15.0	12.9
65°	42.8	37.7	33.3	29.5	25.8	23.4	21.2	19.2	17.1	14.7	12.4
67.5°	44.6	39.4	34.7	30.5	27.1	24.4	21.8	19.4	17.0	14.4	11.9
70°	46.5	40.8	35.8	31.5	28.1	25.0	22.1	19.3	16.6	14.0	11.3
72.5°	48.3	42.1	37.0	32.6	28.8	25.4	22.1	18.7	15.9	13.4	10.8
75°	49.6	43.4	38.3	33.4	29.4	25.6	21.7	18.1	15.0	12.3	9.4
77.5°	50.0	44.0	38.9	34.1	29.9	25.7	21.2	17.5	14.1	10.8	7.9
80°	50.6	44.8	39.5	34.5	30.0	25.4	20.9	16.9	13.1	9.5	6.4
82.5°	51.6	45.8	40.2	34.9	30.1	25.2	20.7	16.4	12.2	8.4	5.0
85°	52.9	47.0	41.1	35.6	30.5	25.3	20.8	16.1	11.5	7.3	4.0
87.5°	54.5	48.5	42.4	36.4	31.1	25.8	21.2	16.1	11.0	6.6	3.3
90°	56.4	50.2	43.9	37.6	32.1	26.6	21.9	16.5	11.0	6.3	3.1
92.5°	54.5	48.5	42.4	36.4	31.1	25.8	21.2	16.1	11.0	6.6	3.3
95°	52.9	47.0	41.1	35.6	30.5	25.3	20.8	16.1	11.5	7.3	4.0
97.5°	51.6	45.8	40.2	34.9	30.1	25.2	20.7	16.4	12.2	8.4	5.0
100°	50.6	44.8	39.5	34.5	30.0	25.4	20.9	16.9	13.1	9.5	6.4
102.5°	50.0	44.0	38.9	34.1	29.9	25.7	21.2	17.5	14.1	10.8	7.9
105°	49.6	43.4	38.3	33.4	29.4	25.6	21.7	18.1	15.0	12.3	9.4
107.5°	48.3	42.1	37.0	32.6	28.8	25.4	22.1	18.7	15.9	13.4	10.8
110°	46.5	40.8	35.8	31.5	28.1	25.0	22.1	19.3	16.6	14.0	11.3



TEST NUMBER: P231912

CATALOG NUMBER: FVS4WM-2-LD4-30-2STD-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°	44.6	39.4	34.7	30.5	27.1	24.4	21.8	19.4	17.0	14.4	11.9
115°	42.8	37.7	33.3	29.5	25.8	23.4	21.2	19.2	17.1	14.7	12.4
117.5°	40.9	35.9	31.6	28.2	24.9	22.2	20.7	18.9	17.1	15.0	12.9
120°	38.9	34.1	29.9	26.4	24.6	22.4	20.2	18.6	16.8	15.1	13.3
122.5°	36.7	32.1	29.0	26.4	24.2	22.5	20.5	18.4	16.7	14.9	13.3
125°	35.1	32.1	29.3	26.6	24.3	22.3	20.7	19.0	17.0	15.3	13.5
127.5°	35.2	32.1	29.4	27.0	24.6	22.5	20.5	19.0	17.5	15.9	13.9
130°	35.0	32.1	29.4	27.1	25.0	22.9	20.9	19.1	17.4	15.9	13.9
132.5°	34.5	31.8	29.3	27.0	25.0	23.2	21.3	19.5	17.8	15.6	13.5
135°	33.8	31.3	29.0	26.8	24.8	23.0	21.4	19.9	17.8	15.6	13.4
137.5°	32.8	30.5	28.2	26.2	24.3	22.5	20.9	19.1	17.2	15.3	13.4
140°	31.5	29.3	27.2	25.3	23.4	21.8	20.0	18.2	16.4	14.6	12.8
142.5°	30.0	27.9	26.0	24.1	22.3	20.6	18.9	17.3	15.6	13.9	12.2
145°	28.2	26.2	24.4	22.7	21.1	19.5	17.9	16.3	14.7	13.1	11.5
147.5°	26.1	24.3	22.8	21.4	19.9	18.4	16.9	15.4	13.9	12.3	10.8
150°	24.3	22.7	21.4	20.0	18.6	17.2	15.8	14.4	13.0	11.6	10.1
152.5°	22.9	21.5	20.1	18.7	17.3	16.1	14.8	13.4	12.1	10.8	9.5
155°	21.1	20.0	18.8	17.6	16.3	15.0	13.7	12.4	11.2	10.0	8.8
157.5°	19.3	18.3	17.2	16.1	15.0	13.9	12.8	11.7	10.5	9.3	8.1
160°	17.4	16.5	15.5	14.6	13.6	12.6	11.6	10.6	9.6	8.5	7.5
162.5°	15.4	14.6	13.8	13.0	12.1	11.2	10.3	9.4	8.5	7.6	6.7
165°	13.4	12.7	12.0	11.3	10.5	9.8	9.0	8.2	7.4	6.6	5.8
167.5°	11.4	10.8	10.2	9.6	8.9	8.3	7.7	7.0	6.3	5.6	4.9
170°	9.3	8.8	8.3	7.8	7.3	6.8	6.2	5.7	5.2	4.6	4.0
172.5°	7.0	6.7	6.3	5.9	5.6	5.2	4.8	4.4	3.9	3.5	3.1
175°	4.8	4.5	4.3	4.0	3.8	3.5	3.2	3.0	2.7	2.4	2.1
177.5°	2.5	2.3	2.2	2.1	1.9	1.8	1.7	1.5	1.4	1.2	1.1
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: P231912

CATALOG NUMBER: FVS4WM-2-LD4-30-2STD-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	0.8	0.6	0.5	0.3	0.2	0.0	0.2	0.3	0.5	0.6
5°	1.8	1.5	1.2	0.9	0.6	0.3	0.0	0.3	0.6	0.9	1.2
7.5°	2.7	2.2	1.8	1.3	0.9	0.4	0.0	0.4	0.9	1.3	1.8
10°	3.5	2.9	2.3	1.7	1.2	0.6	0.0	0.6	1.2	1.7	2.3
12.5°	4.3	3.6	2.8	2.1	1.4	0.7	0.0	0.7	1.4	2.1	2.8
15°	5.0	4.2	3.3	2.5	1.7	0.8	0.0	0.8	1.7	2.5	3.3
17.5°	5.7	4.8	3.8	2.9	1.9	1.0	0.0	1.0	1.9	2.9	3.8
20°	6.4	5.4	4.3	3.2	2.2	1.1	0.0	1.1	2.2	3.2	4.3
22.5°	7.0	5.8	4.6	3.5	2.3	1.2	0.0	1.2	2.3	3.5	4.6
25°	7.5	6.3	5.0	3.8	2.5	1.3	0.0	1.3	2.5	3.8	5.0
27.5°	8.1	6.8	5.4	4.1	2.7	1.4	0.0	1.4	2.7	4.1	5.4
30°	8.7	7.3	5.8	4.4	2.9	1.5	0.0	1.5	2.9	4.4	5.8
32.5°	9.3	7.7	6.2	4.6	3.1	1.6	0.0	1.6	3.1	4.6	6.2
35°	9.9	8.2	6.6	4.9	3.3	1.6	0.0	1.6	3.3	4.9	6.6
37.5°	10.4	8.7	7.0	5.2	3.5	1.7	0.0	1.7	3.5	5.2	7.0
40°	11.0	9.1	7.3	5.5	3.7	1.8	0.0	1.8	3.7	5.5	7.3
42.5°	11.3	9.4	7.4	5.5	3.7	1.8	0.0	1.8	3.7	5.5	7.4
45°	11.4	9.4	7.5	5.6	3.7	1.8	0.0	1.8	3.7	5.6	7.5
47.5°	11.5	9.5	7.6	5.7	3.8	1.9	0.0	1.9	3.8	5.7	7.6
50°	11.9	9.7	7.7	5.7	3.8	1.9	0.0	1.9	3.8	5.7	7.7
52.5°	11.7	9.5	7.5	5.5	3.7	1.8	0.0	1.8	3.7	5.5	7.5
55°	11.4	9.4	7.5	5.6	3.7	1.9	0.0	1.9	3.7	5.6	7.5
57.5°	11.7	9.6	7.6	5.8	4.1	2.4	0.8	2.4	4.1	5.8	7.6
60°	11.3	9.3	7.3	5.5	3.9	2.3	0.8	2.3	3.9	5.5	7.3
62.5°	10.7	8.6	6.8	5.1	3.6	2.2	0.8	2.2	3.6	5.1	6.8
65°	10.1	8.0	5.9	4.2	2.8	1.8	0.8	1.8	2.8	4.2	5.9
67.5°	9.4	6.9	4.5	3.2	2.2	1.4	0.8	1.4	2.2	3.2	4.5
70°	8.6	5.9	3.7	2.2	1.5	1.1	0.8	1.1	1.5	2.2	3.7
72.5°	7.7	5.2	3.0	1.3	0.9	0.8	0.8	0.8	0.9	1.3	3.0
75°	7.1	4.6	2.5	1.2	0.8	0.8	0.8	0.8	0.8	1.2	2.5
77.5°	5.7	3.9	2.0	0.9	0.3	0.1	0.0	0.1	0.3	0.9	2.0
80°	4.0	2.1	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
82.5°	2.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.3	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°	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	2.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	4.0	2.1	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
102.5°	5.7	3.9	2.0	0.9	0.3	0.1	0.0	0.1	0.3	0.9	2.0
105°	7.1	4.6	2.5	1.2	0.8	0.8	0.8	0.8	0.8	1.2	2.5
107.5°	7.7	5.2	3.0	1.3	0.9	0.8	0.8	0.8	0.9	1.3	3.0
110°	8.6	5.9	3.7	2.2	1.5	1.1	0.8	1.1	1.5	2.2	3.7



TEST NUMBER: P231912

CATALOG NUMBER: FVS4WM-2-LD4-30-2STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	9.4	6.9	4.5	3.2	2.2	1.4	0.8	1.4	2.2	3.2	4.5
115°	10.1	8.0	5.9	4.2	2.8	1.8	0.8	1.8	2.8	4.2	5.9
117.5°	10.7	8.6	6.8	5.1	3.6	2.2	0.8	2.2	3.6	5.1	6.8
120°	11.3	9.3	7.3	5.5	3.9	2.3	0.8	2.3	3.9	5.5	7.3
122.5°	11.7	9.6	7.6	5.8	4.1	2.4	0.8	2.4	4.1	5.8	7.6
125°	11.4	9.4	7.5	5.6	3.7	1.9	0.0	1.9	3.7	5.6	7.5
127.5°	11.7	9.5	7.5	5.5	3.7	1.8	0.0	1.8	3.7	5.5	7.5
130°	11.9	9.7	7.7	5.7	3.8	1.9	0.0	1.9	3.8	5.7	7.7
132.5°	11.5	9.5	7.6	5.7	3.8	1.9	0.0	1.9	3.8	5.7	7.6
135°	11.4	9.4	7.5	5.6	3.7	1.8	0.0	1.8	3.7	5.6	7.5
137.5°	11.3	9.4	7.4	5.5	3.7	1.8	0.0	1.8	3.7	5.5	7.4
140°	11.0	9.1	7.3	5.5	3.7	1.8	0.0	1.8	3.7	5.5	7.3
142.5°	10.4	8.7	7.0	5.2	3.5	1.7	0.0	1.7	3.5	5.2	7.0
145°	9.9	8.2	6.6	4.9	3.3	1.6	0.0	1.6	3.3	4.9	6.6
147.5°	9.3	7.7	6.2	4.6	3.1	1.6	0.0	1.6	3.1	4.6	6.2
150°	8.7	7.3	5.8	4.4	2.9	1.5	0.0	1.5	2.9	4.4	5.8
152.5°	8.1	6.8	5.4	4.1	2.7	1.4	0.0	1.4	2.7	4.1	5.4
155°	7.5	6.3	5.0	3.8	2.5	1.3	0.0	1.3	2.5	3.8	5.0
157.5°	7.0	5.8	4.6	3.5	2.3	1.2	0.0	1.2	2.3	3.5	4.6
160°	6.4	5.4	4.3	3.2	2.2	1.1	0.0	1.1	2.2	3.2	4.3
162.5°	5.7	4.8	3.8	2.9	1.9	1.0	0.0	1.0	1.9	2.9	3.8
165°	5.0	4.2	3.3	2.5	1.7	0.8	0.0	0.8	1.7	2.5	3.3
167.5°	4.3	3.6	2.8	2.1	1.4	0.7	0.0	0.7	1.4	2.1	2.8
170°	3.5	2.9	2.3	1.7	1.2	0.6	0.0	0.6	1.2	1.7	2.3
172.5°	2.7	2.2	1.8	1.3	0.9	0.4	0.0	0.4	0.9	1.3	1.8
175°	1.8	1.5	1.2	0.9	0.6	0.3	0.0	0.3	0.6	0.9	1.2
177.5°	0.9	0.8	0.6	0.5	0.3	0.2	0.0	0.2	0.3	0.5	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: P231912

CATALOG NUMBER: FVS4WM-2-LD4-30-2STD-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°	0.8	0.9	1.1	1.2	1.4	1.5	1.7	1.8	1.9	2.1	2.2
5°	1.5	1.8	2.1	2.4	2.7	3.0	3.2	3.5	3.8	4.0	4.3
7.5°	2.2	2.7	3.1	3.5	3.9	4.4	4.8	5.2	5.6	5.9	6.3
10°	2.9	3.5	4.0	4.6	5.2	5.7	6.2	6.8	7.3	7.8	8.3
12.5°	3.6	4.3	4.9	5.6	6.3	7.0	7.7	8.3	8.9	9.6	10.2
15°	4.2	5.0	5.8	6.6	7.4	8.2	9.0	9.8	10.5	11.3	12.0
17.5°	4.8	5.7	6.7	7.6	8.5	9.4	10.3	11.2	12.1	13.0	13.8
20°	5.4	6.4	7.5	8.5	9.6	10.6	11.6	12.6	13.6	14.6	15.5
22.5°	5.8	7.0	8.1	9.3	10.5	11.7	12.8	13.9	15.0	16.1	17.2
25°	6.3	7.5	8.8	10.0	11.2	12.4	13.7	15.0	16.3	17.6	18.8
27.5°	6.8	8.1	9.5	10.8	12.1	13.4	14.8	16.1	17.3	18.7	20.1
30°	7.3	8.7	10.1	11.6	13.0	14.4	15.8	17.2	18.6	20.0	21.4
32.5°	7.7	9.3	10.8	12.3	13.9	15.4	16.9	18.4	19.9	21.4	22.8
35°	8.2	9.9	11.5	13.1	14.7	16.3	17.9	19.5	21.1	22.7	24.4
37.5°	8.7	10.4	12.2	13.9	15.6	17.3	18.9	20.6	22.3	24.1	26.0
40°	9.1	11.0	12.8	14.6	16.4	18.2	20.0	21.8	23.4	25.3	27.2
42.5°	9.4	11.3	13.4	15.3	17.2	19.1	20.9	22.5	24.3	26.2	28.2
45°	9.4	11.4	13.4	15.6	17.8	19.9	21.4	23.0	24.8	26.8	29.0
47.5°	9.5	11.5	13.5	15.6	17.8	19.5	21.3	23.2	25.0	27.0	29.3
50°	9.7	11.9	13.9	15.9	17.4	19.1	20.9	22.9	25.0	27.1	29.4
52.5°	9.5	11.7	13.9	15.9	17.5	19.0	20.5	22.5	24.6	27.0	29.4
55°	9.4	11.4	13.5	15.3	17.0	19.0	20.7	22.3	24.3	26.6	29.3
57.5°	9.6	11.7	13.3	14.9	16.7	18.4	20.5	22.5	24.2	26.4	29.0
60°	9.3	11.3	13.3	15.1	16.8	18.6	20.2	22.4	24.6	26.4	29.9
62.5°	8.6	10.7	12.9	15.0	17.1	18.9	20.7	22.2	24.9	28.2	31.6
65°	8.0	10.1	12.4	14.7	17.1	19.2	21.2	23.4	25.8	29.5	33.3
67.5°	6.9	9.4	11.9	14.4	17.0	19.4	21.8	24.4	27.1	30.5	34.7
70°	5.9	8.6	11.3	14.0	16.6	19.3	22.1	25.0	28.1	31.5	35.8
72.5°	5.2	7.7	10.8	13.4	15.9	18.7	22.1	25.4	28.8	32.6	37.0
75°	4.6	7.1	9.4	12.3	15.0	18.1	21.7	25.6	29.4	33.4	38.3
77.5°	3.9	5.7	7.9	10.8	14.1	17.5	21.2	25.7	29.9	34.1	38.9
80°	2.1	4.0	6.4	9.5	13.1	16.9	20.9	25.4	30.0	34.5	39.5
82.5°	0.5	2.4	5.0	8.4	12.2	16.4	20.7	25.2	30.1	34.9	40.2
85°	0.0	1.0	4.0	7.3	11.5	16.1	20.8	25.3	30.5	35.6	41.1
87.5°	0.0	0.3	3.3	6.6	11.0	16.1	21.2	25.8	31.1	36.4	42.4
90°	0.0	0.0	3.1	6.3	11.0	16.5	21.9	26.6	32.1	37.6	43.9
92.5°	0.0	0.3	3.3	6.6	11.0	16.1	21.2	25.8	31.1	36.4	42.4
95°	0.0	1.0	4.0	7.3	11.5	16.1	20.8	25.3	30.5	35.6	41.1
97.5°	0.5	2.4	5.0	8.4	12.2	16.4	20.7	25.2	30.1	34.9	40.2
100°	2.1	4.0	6.4	9.5	13.1	16.9	20.9	25.4	30.0	34.5	39.5
102.5°	3.9	5.7	7.9	10.8	14.1	17.5	21.2	25.7	29.9	34.1	38.9
105°	4.6	7.1	9.4	12.3	15.0	18.1	21.7	25.6	29.4	33.4	38.3
107.5°	5.2	7.7	10.8	13.4	15.9	18.7	22.1	25.4	28.8	32.6	37.0
110°	5.9	8.6	11.3	14.0	16.6	19.3	22.1	25.0	28.1	31.5	35.8



TEST NUMBER: P231912

CATALOG NUMBER: FVS4WM-2-LD4-30-2STD-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°	6.9	9.4	11.9	14.4	17.0	19.4	21.8	24.4	27.1	30.5	34.7
115°	8.0	10.1	12.4	14.7	17.1	19.2	21.2	23.4	25.8	29.5	33.3
117.5°	8.6	10.7	12.9	15.0	17.1	18.9	20.7	22.2	24.9	28.2	31.6
120°	9.3	11.3	13.3	15.1	16.8	18.6	20.2	22.4	24.6	26.4	29.9
122.5°	9.6	11.7	13.3	14.9	16.7	18.4	20.5	22.5	24.2	26.4	29.0
125°	9.4	11.4	13.5	15.3	17.0	19.0	20.7	22.3	24.3	26.6	29.3
127.5°	9.5	11.7	13.9	15.9	17.5	19.0	20.5	22.5	24.6	27.0	29.4
130°	9.7	11.9	13.9	15.9	17.4	19.1	20.9	22.9	25.0	27.1	29.4
132.5°	9.5	11.5	13.5	15.6	17.8	19.5	21.3	23.2	25.0	27.0	29.3
135°	9.4	11.4	13.4	15.6	17.8	19.9	21.4	23.0	24.8	26.8	29.0
137.5°	9.4	11.3	13.4	15.3	17.2	19.1	20.9	22.5	24.3	26.2	28.2
140°	9.1	11.0	12.8	14.6	16.4	18.2	20.0	21.8	23.4	25.3	27.2
142.5°	8.7	10.4	12.2	13.9	15.6	17.3	18.9	20.6	22.3	24.1	26.0
145°	8.2	9.9	11.5	13.1	14.7	16.3	17.9	19.5	21.1	22.7	24.4
147.5°	7.7	9.3	10.8	12.3	13.9	15.4	16.9	18.4	19.9	21.4	22.8
150°	7.3	8.7	10.1	11.6	13.0	14.4	15.8	17.2	18.6	20.0	21.4
152.5°	6.8	8.1	9.5	10.8	12.1	13.4	14.8	16.1	17.3	18.7	20.1
155°	6.3	7.5	8.8	10.0	11.2	12.4	13.7	15.0	16.3	17.6	18.8
157.5°	5.8	7.0	8.1	9.3	10.5	11.7	12.8	13.9	15.0	16.1	17.2
160°	5.4	6.4	7.5	8.5	9.6	10.6	11.6	12.6	13.6	14.6	15.5
162.5°	4.8	5.7	6.7	7.6	8.5	9.4	10.3	11.2	12.1	13.0	13.8
165°	4.2	5.0	5.8	6.6	7.4	8.2	9.0	9.8	10.5	11.3	12.0
167.5°	3.6	4.3	4.9	5.6	6.3	7.0	7.7	8.3	8.9	9.6	10.2
170°	2.9	3.5	4.0	4.6	5.2	5.7	6.2	6.8	7.3	7.8	8.3
172.5°	2.2	2.7	3.1	3.5	3.9	4.4	4.8	5.2	5.6	5.9	6.3
175°	1.5	1.8	2.1	2.4	2.7	3.0	3.2	3.5	3.8	4.0	4.3
177.5°	0.8	0.9	1.1	1.2	1.4	1.5	1.7	1.8	1.9	2.1	2.2
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231912

CATALOG NUMBER: FVS4WM-2-LD4-30-2STD-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°	2.3	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.4
5°	4.5	4.8	5.0	5.2	5.4	5.6	5.8	6.0	6.2	6.4	6.6
7.5°	6.7	7.0	7.4	7.7	8.0	8.3	8.6	8.9	9.2	9.4	9.6
10°	8.8	9.3	9.7	10.1	10.6	11.0	11.4	11.7	12.1	12.4	12.7
12.5°	10.8	11.4	12.0	12.5	13.0	13.6	14.0	14.5	15.0	15.4	15.8
15°	12.7	13.4	14.1	14.8	15.4	16.1	16.7	17.2	17.8	18.3	18.8
17.5°	14.6	15.4	16.2	17.0	17.8	18.5	19.2	19.9	20.5	21.1	21.7
20°	16.5	17.4	18.3	19.2	20.0	20.9	21.7	22.5	23.2	23.9	24.6
22.5°	18.3	19.3	20.3	21.3	22.3	23.2	24.1	25.0	25.8	26.7	27.5
25°	20.0	21.1	22.3	23.4	24.4	25.5	26.5	27.5	28.4	29.4	31.0
27.5°	21.5	22.9	24.2	25.4	26.5	27.7	29.6	31.6	33.7	35.9	37.9
30°	22.7	24.3	25.8	27.7	29.7	31.8	34.1	36.5	39.1	41.7	44.4
32.5°	24.3	26.1	28.1	30.5	32.9	35.4	37.9	40.7	43.7	46.9	50.2
35°	26.2	28.2	30.4	32.7	35.4	38.2	41.1	44.2	47.6	51.3	55.3
37.5°	27.9	30.0	32.3	34.8	37.5	40.6	43.8	47.3	51.0	55.2	59.7
40°	29.3	31.5	33.9	36.4	39.3	42.6	46.1	49.9	54.1	58.6	63.7
42.5°	30.5	32.8	35.3	37.9	40.9	44.3	48.1	52.3	56.7	61.6	67.3
45°	31.3	33.8	36.5	39.3	42.3	45.7	49.8	54.3	59.1	64.4	70.3
47.5°	31.8	34.5	37.4	40.5	43.7	47.2	51.1	56.1	61.3	66.8	73.3
50°	32.1	35.0	38.1	41.4	44.9	48.5	52.7	57.6	63.6	69.4	75.8
52.5°	32.1	35.2	38.6	42.2	45.9	50.8	55.6	60.5	66.4	72.4	78.5
55°	32.1	35.1	39.1	44.2	49.5	54.8	59.5	64.2	69.4	75.5	81.6
57.5°	32.1	36.7	41.8	47.3	53.1	58.8	63.9	68.3	72.6	78.7	84.9
60°	34.1	38.9	44.3	50.1	56.3	62.6	68.5	72.8	76.9	82.3	88.4
62.5°	35.9	40.9	46.6	52.8	59.3	66.4	72.8	77.6	81.5	86.0	92.1
65°	37.7	42.8	48.6	55.4	62.3	69.8	77.0	82.7	86.4	89.9	95.9
67.5°	39.4	44.6	50.7	57.8	65.3	73.1	81.1	88.0	91.6	94.4	100.0
70°	40.8	46.5	52.8	60.1	68.3	76.4	85.3	92.9	96.9	99.1	103.2
72.5°	42.1	48.3	54.8	62.3	71.1	78.8	86.8	93.7	97.6	99.8	103.3
75°	43.4	49.6	55.9	62.7	70.6	78.6	86.3	93.1	97.7	100.3	103.6
77.5°	44.0	50.0	56.3	62.8	70.5	78.7	86.2	92.8	97.7	100.8	104.0
80°	44.8	50.6	57.0	63.3	70.7	79.0	86.5	92.8	97.8	101.3	104.6
82.5°	45.8	51.6	58.0	64.1	71.1	79.7	87.2	93.0	97.9	101.7	105.4
85°	47.0	52.9	59.3	65.2	71.9	80.5	88.2	93.4	98.1	102.2	106.2
87.5°	48.5	54.5	60.9	66.6	73.1	81.7	89.5	94.0	98.4	102.8	107.2
90°	50.2	56.4	62.7	68.2	74.5	83.1	90.9	94.8	98.7	103.4	108.2
92.5°	48.5	54.5	60.9	66.6	73.1	81.7	89.5	94.0	98.4	102.8	107.2
95°	47.0	52.9	59.3	65.2	71.9	80.5	88.2	93.4	98.1	102.2	106.2
97.5°	45.8	51.6	58.0	64.1	71.1	79.7	87.2	93.0	97.9	101.7	105.4
100°	44.8	50.6	57.0	63.3	70.7	79.0	86.5	92.8	97.8	101.3	104.6
102.5°	44.0	50.0	56.3	62.8	70.5	78.7	86.2	92.8	97.7	100.8	104.0
105°	43.4	49.6	55.9	62.7	70.6	78.6	86.3	93.1	97.7	100.3	103.6
107.5°	42.1	48.3	54.8	62.3	71.1	78.8	86.8	93.7	97.6	99.8	103.3
110°	40.8	46.5	52.8	60.1	68.3	76.4	85.3	92.9	96.9	99.1	103.2



TEST NUMBER: P231912

CATALOG NUMBER: FVS4WM-2-LD4-30-2STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	39.4	44.6	50.7	57.8	65.3	73.1	81.1	88.0	91.6	94.4	100.0
115°	37.7	42.8	48.6	55.4	62.3	69.8	77.0	82.7	86.4	89.9	95.9
117.5°	35.9	40.9	46.6	52.8	59.3	66.4	72.8	77.6	81.5	86.0	92.1
120°	34.1	38.9	44.3	50.1	56.3	62.6	68.5	72.8	76.9	82.3	88.4
122.5°	32.1	36.7	41.8	47.3	53.1	58.8	63.9	68.3	72.6	78.7	84.9
125°	32.1	35.1	39.1	44.2	49.5	54.8	59.5	64.2	69.4	75.5	81.6
127.5°	32.1	35.2	38.6	42.2	45.9	50.8	55.6	60.5	66.4	72.4	78.5
130°	32.1	35.0	38.1	41.4	44.9	48.5	52.7	57.6	63.6	69.4	75.8
132.5°	31.8	34.5	37.4	40.5	43.7	47.2	51.1	56.1	61.3	66.8	73.3
135°	31.3	33.8	36.5	39.3	42.3	45.7	49.8	54.3	59.1	64.4	70.3
137.5°	30.5	32.8	35.3	37.9	40.9	44.3	48.1	52.3	56.7	61.6	67.3
140°	29.3	31.5	33.9	36.4	39.3	42.6	46.1	49.9	54.1	58.6	63.7
142.5°	27.9	30.0	32.3	34.8	37.5	40.6	43.8	47.3	51.0	55.2	59.7
145°	26.2	28.2	30.4	32.7	35.4	38.2	41.1	44.2	47.6	51.3	55.3
147.5°	24.3	26.1	28.1	30.5	32.9	35.4	37.9	40.7	43.7	46.9	50.2
150°	22.7	24.3	25.8	27.7	29.7	31.8	34.1	36.5	39.1	41.7	44.4
152.5°	21.5	22.9	24.2	25.4	26.5	27.7	29.6	31.6	33.7	35.9	37.9
155°	20.0	21.1	22.3	23.4	24.4	25.5	26.5	27.5	28.4	29.4	31.0
157.5°	18.3	19.3	20.3	21.3	22.3	23.2	24.1	25.0	25.8	26.7	27.5
160°	16.5	17.4	18.3	19.2	20.0	20.9	21.7	22.5	23.2	23.9	24.6
162.5°	14.6	15.4	16.2	17.0	17.8	18.5	19.2	19.9	20.5	21.1	21.7
165°	12.7	13.4	14.1	14.8	15.4	16.1	16.7	17.2	17.8	18.3	18.8
167.5°	10.8	11.4	12.0	12.5	13.0	13.6	14.0	14.5	15.0	15.4	15.8
170°	8.8	9.3	9.7	10.1	10.6	11.0	11.4	11.7	12.1	12.4	12.7
172.5°	6.7	7.0	7.4	7.7	8.0	8.3	8.6	8.9	9.2	9.4	9.6
175°	4.5	4.8	5.0	5.2	5.4	5.6	5.8	6.0	6.2	6.4	6.6
177.5°	2.3	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.2	3.3	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: P231912

CATALOG NUMBER: FVS4WM-2-LD4-30-2STD-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°	3.5	3.6	3.6	3.7	3.8	3.8	3.8	3.9	3.9	3.9	4.4
5°	6.7	6.9	7.1	7.2	7.4	7.5	7.6	7.7	7.8	7.8	8.8
7.5°	9.9	10.1	10.3	10.6	10.8	11.0	11.3	11.4	11.6	11.8	13.2
10°	13.0	13.3	13.6	13.8	14.1	14.5	14.8	15.1	15.4	15.7	17.6
12.5°	16.1	16.5	16.8	17.1	17.4	17.8	18.3	18.8	19.2	19.6	22.0
15°	19.2	19.7	20.1	20.4	20.8	21.1	21.7	22.3	23.0	23.5	26.3
17.5°	22.3	22.8	23.2	23.7	24.1	24.5	25.0	25.9	26.7	27.5	30.6
20°	25.3	25.9	26.4	26.9	27.4	27.9	28.3	29.3	30.4	31.4	34.9
22.5°	28.2	28.9	29.6	30.1	30.7	31.2	31.7	32.7	34.0	35.3	39.2
25°	32.7	34.4	36.0	37.5	38.9	40.2	41.4	42.9	44.9	46.7	51.0
27.5°	40.0	42.1	44.2	46.2	48.0	49.8	51.5	53.2	55.7	58.1	63.0
30°	46.9	49.4	52.0	54.5	56.9	59.1	61.3	63.3	66.5	69.5	74.9
32.5°	53.4	56.3	59.3	62.5	65.4	68.2	71.0	73.6	77.2	80.9	86.8
35°	59.4	62.9	66.3	70.1	73.8	77.2	80.5	83.7	87.9	92.3	98.8
37.5°	64.6	69.2	73.2	77.4	82.0	85.9	89.9	93.7	98.5	103.7	110.8
40°	69.2	75.0	79.7	84.4	89.6	94.5	99.1	103.7	109.1	115.1	122.7
42.5°	73.4	80.1	86.1	91.4	97.2	102.9	108.4	113.5	119.6	126.5	134.7
45°	77.3	84.7	92.2	98.0	104.5	111.1	117.2	123.3	130.1	137.9	146.7
47.5°	80.6	88.1	95.9	101.7	107.8	114.5	121.3	128.3	136.2	145.7	155.9
50°	82.7	89.8	97.3	103.7	109.6	116.8	124.6	132.9	142.2	153.4	165.1
52.5°	85.3	92.1	99.2	105.8	111.4	119.1	127.8	137.3	148.1	161.2	174.4
55°	88.3	94.8	101.4	107.9	113.5	121.4	130.9	141.7	153.9	168.9	183.7
57.5°	91.5	98.0	103.9	110.2	115.9	123.7	133.9	145.9	159.7	176.7	193.1
60°	94.9	101.4	107.1	112.7	118.3	126.0	136.7	150.1	165.4	184.4	202.5
62.5°	98.5	105.2	110.2	115.4	120.8	128.3	139.5	154.2	171.1	192.2	211.9
65°	102.4	108.9	113.8	118.3	123.4	130.7	142.3	158.2	176.7	199.9	221.4
67.5°	106.4	112.9	117.6	121.5	126.1	133.1	145.0	162.2	182.3	207.7	230.8
70°	108.7	114.4	118.5	121.6	125.8	132.5	144.0	161.1	181.2	207.3	231.8
72.5°	108.4	113.6	117.6	120.5	124.8	131.6	142.9	160.0	180.0	206.8	232.7
75°	108.4	113.0	116.8	119.4	123.8	130.8	141.9	158.9	178.9	206.4	234.6
77.5°	108.5	112.7	116.0	118.3	122.7	130.1	140.9	158.0	177.8	206.0	235.2
80°	108.8	112.5	115.3	117.3	121.8	129.4	140.1	157.1	176.8	205.5	235.8
82.5°	109.3	112.5	114.6	116.3	120.8	128.9	139.4	156.3	175.8	205.1	236.4
85°	109.9	112.6	114.0	115.3	119.9	128.4	138.8	155.6	174.9	204.7	237.0
87.5°	110.6	112.7	113.5	114.4	119.1	128.0	138.3	155.0	174.0	204.2	237.6
90°	111.3	112.9	112.9	113.6	118.3	127.7	137.9	154.4	173.2	203.8	238.2
92.5°	110.6	112.7	113.5	114.4	119.1	128.0	138.3	155.0	174.0	204.2	237.6
95°	109.9	112.6	114.0	115.3	119.9	128.4	138.8	155.6	174.9	204.7	237.0
97.5°	109.3	112.5	114.6	116.3	120.8	128.9	139.4	156.3	175.8	205.1	236.4
100°	108.8	112.5	115.3	117.3	121.8	129.4	140.1	157.1	176.8	205.5	235.8
102.5°	108.5	112.7	116.0	118.3	122.7	130.1	140.9	158.0	177.8	206.0	235.2
105°	108.4	113.0	116.8	119.4	123.8	130.8	141.9	158.9	178.9	206.4	234.6
107.5°	108.4	113.6	117.6	120.5	124.8	131.6	142.9	160.0	180.0	206.8	232.7
110°	108.7	114.4	118.5	121.6	125.8	132.5	144.0	161.1	181.2	207.3	231.8



TEST NUMBER: P231912

CATALOG NUMBER: FVS4WM-2-LD4-30-2STD-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°	106.4	112.9	117.6	121.5	126.1	133.1	145.0	162.2	182.3	207.7	230.8
115°	102.4	108.9	113.8	118.3	123.4	130.7	142.3	158.2	176.7	199.9	221.4
117.5°	98.5	105.2	110.2	115.4	120.8	128.3	139.5	154.2	171.1	192.2	211.9
120°	94.9	101.4	107.1	112.7	118.3	126.0	136.7	150.1	165.4	184.4	202.5
122.5°	91.5	98.0	103.9	110.2	115.9	123.7	133.9	145.9	159.7	176.7	193.1
125°	88.3	94.8	101.4	107.9	113.5	121.4	130.9	141.7	153.9	168.9	183.7
127.5°	85.3	92.1	99.2	105.8	111.4	119.1	127.8	137.3	148.1	161.2	174.4
130°	82.7	89.8	97.3	103.7	109.6	116.8	124.6	132.9	142.2	153.4	165.1
132.5°	80.6	88.1	95.9	101.7	107.8	114.5	121.3	128.3	136.2	145.7	155.9
135°	77.3	84.7	92.2	98.0	104.5	111.1	117.2	123.3	130.1	137.9	146.7
137.5°	73.4	80.1	86.1	91.4	97.2	102.9	108.4	113.5	119.6	126.5	134.7
140°	69.2	75.0	79.7	84.4	89.6	94.5	99.1	103.7	109.1	115.1	122.7
142.5°	64.6	69.2	73.2	77.4	82.0	85.9	89.9	93.7	98.5	103.7	110.8
145°	59.4	62.9	66.3	70.1	73.8	77.2	80.5	83.7	87.9	92.3	98.8
147.5°	53.4	56.3	59.3	62.5	65.4	68.2	71.0	73.6	77.2	80.9	86.8
150°	46.9	49.4	52.0	54.5	56.9	59.1	61.3	63.3	66.5	69.5	74.9
152.5°	40.0	42.1	44.2	46.2	48.0	49.8	51.5	53.2	55.7	58.1	63.0
155°	32.7	34.4	36.0	37.5	38.9	40.2	41.4	42.9	44.9	46.7	51.0
157.5°	28.2	28.9	29.6	30.1	30.7	31.2	31.7	32.7	34.0	35.3	39.2
160°	25.3	25.9	26.4	26.9	27.4	27.9	28.3	29.3	30.4	31.4	34.9
162.5°	22.3	22.8	23.2	23.7	24.1	24.5	25.0	25.9	26.7	27.5	30.6
165°	19.2	19.7	20.1	20.4	20.8	21.1	21.7	22.3	23.0	23.5	26.3
167.5°	16.1	16.5	16.8	17.1	17.4	17.8	18.3	18.8	19.2	19.6	22.0
170°	13.0	13.3	13.6	13.8	14.1	14.5	14.8	15.1	15.4	15.7	17.6
172.5°	9.9	10.1	10.3	10.6	10.8	11.0	11.3	11.4	11.6	11.8	13.2
175°	6.7	6.9	7.1	7.2	7.4	7.5	7.6	7.7	7.8	7.8	8.8
177.5°	3.5	3.6	3.6	3.7	3.8	3.8	3.8	3.9	3.9	3.9	4.4
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: P231912

CATALOG NUMBER: FVS4WM-2-LD4-30-2STD-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°	4.9	5.4	5.9	6.3	6.8	7.2	7.7	8.1	8.5	8.9	9.2
5°	9.8	10.8	11.7	12.6	13.5	14.4	15.2	16.0	16.8	17.6	18.3
7.5°	14.7	16.1	17.4	18.8	20.1	21.4	22.7	24.5	26.2	27.8	29.4
10°	19.5	21.3	23.1	24.9	26.7	29.1	31.4	33.7	35.9	38.0	40.2
12.5°	24.3	26.5	28.7	31.2	34.1	36.9	39.7	42.4	44.9	46.9	48.9
15°	29.0	31.7	34.4	37.8	41.1	44.4	47.6	50.4	53.0	55.6	58.3
17.5°	33.7	36.7	40.3	44.1	47.9	51.6	55.0	58.3	61.5	64.7	67.9
20°	38.4	41.8	46.1	50.3	54.4	58.6	62.6	66.5	70.5	74.4	78.1
22.5°	43.0	47.1	51.6	56.1	60.9	65.7	70.4	75.2	79.9	84.2	88.2
25°	55.1	59.6	64.0	68.5	73.1	77.5	82.0	86.4	90.4	94.0	98.5
27.5°	67.6	72.5	77.4	82.3	87.2	92.1	97.0	101.6	105.7	109.6	113.2
30°	80.1	85.5	90.7	96.0	101.5	106.6	111.8	116.5	120.9	124.9	128.7
32.5°	92.6	98.3	103.9	109.5	115.1	120.8	126.1	131.1	135.6	139.8	142.6
35°	105.1	111.1	117.0	122.8	128.8	135.1	140.3	145.4	150.0	153.6	155.0
37.5°	117.5	123.8	129.9	135.9	142.3	148.5	154.2	159.3	164.5	165.7	166.7
40°	129.9	136.5	142.7	149.0	155.7	161.9	167.8	172.9	176.1	177.3	177.1
42.5°	142.2	149.0	155.3	162.0	168.8	175.2	181.0	186.3	187.5	187.9	187.3
45°	154.5	161.5	167.8	174.8	181.7	188.4	193.9	197.5	198.5	198.1	197.5
47.5°	165.2	173.8	182.2	190.9	198.8	205.5	210.0	209.8	208.7	208.2	207.4
50°	175.9	186.6	197.6	208.9	219.6	228.5	234.9	236.1	235.4	231.9	225.9
52.5°	186.8	199.8	213.6	227.7	241.4	252.6	260.3	264.3	267.2	265.4	260.4
55°	197.8	213.4	230.2	247.3	264.1	277.5	287.1	294.8	300.9	300.7	294.1
57.5°	209.0	227.3	247.3	267.5	287.4	303.3	315.3	327.4	335.5	335.5	327.0
60°	220.2	241.5	264.7	288.3	311.0	329.7	344.5	361.9	371.3	368.9	358.4
62.5°	231.5	256.0	282.5	309.6	335.1	356.6	375.3	398.2	408.2	401.6	387.7
65°	242.9	270.7	300.5	331.2	359.7	384.1	408.0	434.2	446.0	433.8	415.1
67.5°	254.3	285.5	318.8	353.2	384.7	412.3	441.8	470.0	479.2	464.5	441.0
70°	257.0	289.0	322.8	359.3	393.3	425.1	461.7	494.8	505.7	491.7	469.2
72.5°	259.4	291.4	324.5	361.2	395.2	428.2	467.1	500.6	512.2	503.0	489.1
75°	261.8	293.6	325.7	362.7	396.8	430.9	472.0	506.9	520.8	517.4	508.1
77.5°	264.1	295.5	326.5	363.9	398.0	433.4	476.2	513.4	531.0	534.3	527.2
80°	267.3	297.1	327.0	364.6	398.8	435.6	479.8	520.0	542.4	553.1	546.5
82.5°	269.0	299.3	328.1	364.9	399.3	437.3	482.8	526.3	554.7	573.3	565.9
85°	270.8	300.1	327.4	365.6	400.1	439.7	486.6	534.0	567.2	594.3	585.5
87.5°	272.5	300.9	326.7	364.6	399.1	439.7	487.0	538.2	580.2	616.0	605.2
90°	274.3	301.7	326.0	363.6	398.1	439.7	487.5	542.3	591.7	636.4	625.4
92.5°	272.5	300.9	326.7	364.6	399.1	439.7	487.0	538.2	580.2	616.0	605.2
95°	270.8	300.1	327.4	365.6	400.1	439.7	486.6	534.0	567.2	594.3	585.5
97.5°	269.0	299.3	328.1	364.9	399.3	437.3	482.8	526.3	554.7	573.3	565.9
100°	267.3	297.1	327.0	364.6	398.8	435.6	479.8	520.0	542.4	553.1	546.5
102.5°	264.1	295.5	326.5	363.9	398.0	433.4	476.2	513.4	531.0	534.3	527.2
105°	261.8	293.6	325.7	362.7	396.8	430.9	472.0	506.9	520.8	517.4	508.1
107.5°	259.4	291.4	324.5	361.2	395.2	428.2	467.1	500.6	512.2	503.0	489.1
110°	257.0	289.0	322.8	359.3	393.3	425.1	461.7	494.8	505.7	491.7	469.2



TEST NUMBER: P231912

CATALOG NUMBER: FVS4WM-2-LD4-30-2STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	254.3	285.5	318.8	353.2	384.7	412.3	441.8	470.0	479.2	464.5	441.0
115°	242.9	270.7	300.5	331.2	359.7	384.1	408.0	434.2	446.0	433.8	415.1
117.5°	231.5	256.0	282.5	309.6	335.1	356.6	375.3	398.2	408.2	401.6	387.7
120°	220.2	241.5	264.7	288.3	311.0	329.7	344.5	361.9	371.3	368.9	358.4
122.5°	209.0	227.3	247.3	267.5	287.4	303.3	315.3	327.4	335.5	335.5	327.0
125°	197.8	213.4	230.2	247.3	264.1	277.5	287.1	294.8	300.9	300.7	294.1
127.5°	186.8	199.8	213.6	227.7	241.4	252.6	260.3	264.3	267.2	265.4	260.4
130°	175.9	186.6	197.6	208.9	219.6	228.5	234.9	236.1	235.4	231.9	225.9
132.5°	165.2	173.8	182.2	190.9	198.8	205.5	210.0	209.8	208.7	208.2	207.4
135°	154.5	161.5	167.8	174.8	181.7	188.4	193.9	197.5	198.5	198.1	197.5
137.5°	142.2	149.0	155.3	162.0	168.8	175.2	181.0	186.3	187.5	187.9	187.3
140°	129.9	136.5	142.7	149.0	155.7	161.9	167.8	172.9	176.1	177.3	177.1
142.5°	117.5	123.8	129.9	135.9	142.3	148.5	154.2	159.3	164.5	165.7	166.7
145°	105.1	111.1	117.0	122.8	128.8	135.1	140.3	145.4	150.0	153.6	155.0
147.5°	92.6	98.3	103.9	109.5	115.1	120.8	126.1	131.1	135.6	139.8	142.6
150°	80.1	85.5	90.7	96.0	101.5	106.6	111.8	116.5	120.9	124.9	128.7
152.5°	67.6	72.5	77.4	82.3	87.2	92.1	97.0	101.6	105.7	109.6	113.2
155°	55.1	59.6	64.0	68.5	73.1	77.5	82.0	86.4	90.4	94.0	98.5
157.5°	43.0	47.1	51.6	56.1	60.9	65.7	70.4	75.2	79.9	84.2	88.2
160°	38.4	41.8	46.1	50.3	54.4	58.6	62.6	66.5	70.5	74.4	78.1
162.5°	33.7	36.7	40.3	44.1	47.9	51.6	55.0	58.3	61.5	64.7	67.9
165°	29.0	31.7	34.4	37.8	41.1	44.4	47.6	50.4	53.0	55.6	58.3
167.5°	24.3	26.5	28.7	31.2	34.1	36.9	39.7	42.4	44.9	46.9	48.9
170°	19.5	21.3	23.1	24.9	26.7	29.1	31.4	33.7	35.9	38.0	40.2
172.5°	14.7	16.1	17.4	18.8	20.1	21.4	22.7	24.5	26.2	27.8	29.4
175°	9.8	10.8	11.7	12.6	13.5	14.4	15.2	16.0	16.8	17.6	18.3
177.5°	4.9	5.4	5.9	6.3	6.8	7.2	7.7	8.1	8.5	8.9	9.2
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: P231912

CATALOG NUMBER: FVS4WM-2-LD4-30-2STD-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°	9.6	9.9	10.2	10.5	10.8	11.0	11.3	11.5	11.7	11.8	12.0
5°	19.3	20.3	21.3	22.2	23.1	23.9	24.7	25.4	26.1	26.7	27.2
7.5°	31.0	32.4	33.9	35.2	36.4	37.2	37.9	38.5	39.1	39.5	40.0
10°	41.6	42.9	44.2	45.4	46.5	47.5	48.5	49.4	50.3	51.0	51.7
12.5°	50.7	52.5	54.2	55.9	57.5	59.0	60.3	61.6	62.7	63.5	64.2
15°	60.5	62.9	65.1	67.2	69.2	70.7	72.2	73.4	74.5	75.4	76.2
17.5°	70.9	74.1	76.2	78.4	80.5	82.3	84.0	85.5	86.7	87.8	88.6
20°	81.4	84.4	87.2	89.8	92.2	94.4	96.3	97.9	99.2	100.4	101.5
22.5°	91.9	95.4	98.6	101.6	104.4	106.2	108.0	109.6	111.1	112.4	113.8
25°	102.7	106.7	110.9	112.7	114.8	116.9	118.2	119.5	121.1	122.7	124.6
27.5°	116.5	118.9	120.1	122.4	123.6	124.6	126.1	127.7	129.6	131.7	134.5
30°	131.1	132.3	132.9	132.0	130.9	130.8	132.6	134.6	138.2	141.8	145.8
32.5°	143.9	144.4	143.5	142.6	142.0	141.3	141.7	142.9	147.3	153.2	159.1
35°	155.6	154.9	154.2	153.7	153.5	154.4	155.2	158.1	160.6	166.8	176.7
37.5°	166.1	165.4	164.9	165.2	166.4	168.6	172.3	176.6	183.1	189.8	197.3
40°	176.4	176.0	176.2	177.6	180.9	185.3	192.1	199.8	209.0	219.0	229.3
42.5°	186.8	186.7	188.3	191.8	197.1	205.5	214.5	226.8	239.7	253.3	267.7
45°	196.9	198.3	201.5	207.6	216.8	227.1	241.6	256.2	273.2	290.9	311.0
47.5°	207.9	209.7	216.6	225.8	237.4	253.4	270.1	288.9	309.8	332.1	357.4
50°	220.3	224.3	232.6	245.4	261.9	280.1	300.5	323.3	349.0	376.1	405.0
52.5°	254.5	252.9	257.5	267.1	287.8	308.2	332.0	359.3	388.0	419.4	452.5
55°	288.1	286.2	291.8	303.6	319.0	337.3	363.5	393.9	426.7	462.1	502.6
57.5°	318.9	318.8	325.6	337.9	354.3	375.5	400.3	428.4	464.9	506.4	550.7
60°	348.3	349.0	357.7	371.1	388.9	410.9	437.5	470.0	506.9	547.3	595.0
62.5°	378.6	379.5	387.7	401.9	421.2	444.8	474.0	509.1	550.9	593.4	639.6
65°	407.1	408.6	417.4	431.8	451.0	475.3	508.1	548.8	591.8	636.3	685.9
67.5°	434.0	435.8	445.1	459.7	479.4	505.8	541.2	585.5	628.4	675.0	734.1
70°	460.8	461.6	470.9	485.2	504.9	533.9	574.1	617.7	660.9	709.4	776.5
72.5°	483.2	485.8	495.3	509.1	528.4	560.6	604.2	645.9	687.8	741.5	808.9
75°	503.5	507.3	516.2	528.3	547.6	580.5	627.2	669.9	709.2	765.5	836.8
77.5°	523.6	528.2	535.5	545.0	561.8	593.9	637.6	681.5	728.2	787.0	860.9
80°	543.5	548.6	553.4	559.6	572.5	603.2	645.8	691.6	742.6	806.9	887.0
82.5°	563.3	568.5	570.2	572.6	580.3	609.1	652.0	700.3	753.6	822.5	906.5
85°	583.0	588.0	586.3	584.4	586.1	612.1	656.0	707.2	761.1	833.5	919.4
87.5°	602.6	607.3	601.9	595.5	590.6	613.3	658.9	713.3	766.9	842.3	928.9
90°	622.3	626.2	617.6	606.6	594.8	612.1	657.5	714.0	766.5	841.7	926.3
92.5°	602.6	607.3	601.9	595.5	590.6	613.3	658.9	713.3	766.9	842.3	928.9
95°	583.0	588.0	586.3	584.4	586.1	612.1	656.0	707.2	761.1	833.5	919.4
97.5°	563.3	568.5	570.2	572.6	580.3	609.1	652.0	700.3	753.6	822.5	906.5
100°	543.5	548.6	553.4	559.6	572.5	603.2	645.8	691.6	742.6	806.9	887.0
102.5°	523.6	528.2	535.5	545.0	561.8	593.9	637.6	681.5	728.2	787.0	860.9
105°	503.5	507.3	516.2	528.3	547.6	580.5	627.2	669.9	709.2	765.5	836.8
107.5°	483.2	485.8	495.3	509.1	528.4	560.6	604.2	645.9	687.8	741.5	808.9
110°	460.8	461.6	470.9	485.2	504.9	533.9	574.1	617.7	660.9	709.4	776.5



TEST NUMBER: P231912

CATALOG NUMBER: FVS4WM-2-LD4-30-2STD-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°	434.0	435.8	445.1	459.7	479.4	505.8	541.2	585.5	628.4	675.0	734.1
115°	407.1	408.6	417.4	431.8	451.0	475.3	508.1	548.8	591.8	636.3	685.9
117.5°	378.6	379.5	387.7	401.9	421.2	444.8	474.0	509.1	550.9	593.4	639.6
120°	348.3	349.0	357.7	371.1	388.9	410.9	437.5	470.0	506.9	547.3	595.0
122.5°	318.9	318.8	325.6	337.9	354.3	375.5	400.2	428.4	464.9	506.4	550.7
125°	288.1	286.2	291.8	303.6	319.0	337.3	363.5	393.9	426.7	462.1	502.6
127.5°	254.5	252.9	257.5	267.1	287.8	308.2	332.0	359.3	388.0	419.4	452.5
130°	220.3	224.3	232.6	245.4	261.9	280.1	300.5	323.3	349.0	376.1	405.0
132.5°	207.9	209.7	216.6	225.8	237.4	253.4	270.1	288.9	309.8	332.1	357.4
135°	196.9	198.3	201.5	207.6	216.8	227.1	241.6	256.2	273.2	290.9	311.0
137.5°	186.8	186.7	188.3	191.8	197.1	205.5	214.5	226.8	239.7	253.3	267.7
140°	176.4	176.0	176.2	177.6	180.9	185.3	192.1	199.8	209.0	219.0	229.3
142.5°	166.1	165.4	164.9	165.2	166.4	168.6	172.3	176.6	183.1	189.8	197.3
145°	155.6	154.9	154.2	153.7	153.5	154.4	155.2	158.1	160.6	166.8	176.7
147.5°	143.9	144.4	143.5	142.6	142.0	141.3	141.7	142.9	147.3	153.2	159.1
150°	131.1	132.3	132.9	132.0	130.9	130.8	132.6	134.6	138.2	141.8	145.8
152.5°	116.5	118.9	120.1	122.4	123.6	124.6	126.1	127.7	129.6	131.7	134.5
155°	102.7	106.7	110.9	112.7	114.8	116.9	118.2	119.5	121.1	122.7	124.6
157.5°	91.9	95.4	98.6	101.6	104.4	106.2	108.0	109.6	111.1	112.4	113.8
160°	81.4	84.4	87.2	89.8	92.2	94.4	96.3	97.9	99.2	100.4	101.5
162.5°	70.9	74.1	76.2	78.4	80.5	82.3	84.0	85.5	86.7	87.8	88.6
165°	60.5	62.9	65.1	67.2	69.2	70.7	72.2	73.4	74.5	75.4	76.2
167.5°	50.7	52.5	54.2	55.9	57.5	59.0	60.3	61.6	62.7	63.5	64.2
170°	41.6	42.9	44.2	45.4	46.5	47.5	48.5	49.4	50.3	51.0	51.7
172.5°	31.0	32.4	33.9	35.2	36.4	37.2	37.9	38.5	39.1	39.5	40.0
175°	19.3	20.3	21.3	22.2	23.1	23.9	24.7	25.4	26.1	26.7	27.2
177.5°	9.6	9.9	10.2	10.5	10.8	11.0	11.3	11.5	11.7	11.8	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: P231912

CATALOG NUMBER: FVS4WM-2-LD4-30-2STD-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°	12.1	12.2	12.3	12.3	12.4	12.4	12.8	12.6	12.5	12.3	12.1
5°	27.8	28.2	28.6	28.9	29.2	29.4	29.5	29.6	30.1	29.8	29.6
7.5°	40.3	40.6	40.8	41.0	41.0	41.0	41.0	40.8	40.6	40.6	40.2
10°	52.3	52.7	53.1	53.3	53.5	53.5	53.4	53.3	53.0	53.0	52.3
12.5°	64.7	65.1	65.3	65.5	65.5	65.3	65.1	64.7	64.2	63.6	63.1
15°	76.8	77.2	77.4	77.5	77.4	77.2	76.8	76.2	75.5	74.7	73.9
17.5°	89.3	89.9	90.4	90.7	90.9	90.9	90.8	90.5	90.0	89.3	88.9
20°	102.5	103.4	104.3	105.2	106.0	106.7	107.3	107.7	108.0	108.0	108.4
22.5°	115.2	116.7	118.1	119.4	120.7	121.8	122.8	123.7	124.3	124.8	125.6
25°	126.4	128.3	130.2	132.7	135.1	137.3	139.3	141.2	142.7	144.0	145.0
27.5°	137.8	141.0	144.2	147.8	151.7	155.4	158.8	161.8	164.5	166.8	168.6
30°	150.6	155.8	160.8	165.7	172.5	178.8	184.7	190.1	194.9	199.0	202.4
32.5°	165.9	174.5	183.0	191.2	200.0	208.8	216.9	224.3	230.9	236.5	241.3
35°	186.5	197.9	209.6	220.8	232.0	244.2	255.4	265.5	274.4	282.1	288.5
37.5°	210.9	225.1	241.4	256.9	271.5	286.8	301.0	313.7	324.8	334.2	341.9
40°	241.6	259.0	279.3	299.2	317.8	335.8	352.5	366.8	378.8	388.4	395.9
42.5°	284.3	300.9	323.2	348.3	370.8	390.8	409.0	424.7	437.7	448.1	455.9
45°	331.3	354.7	377.1	403.1	427.9	452.3	471.8	489.9	503.9	514.0	520.4
47.5°	383.5	410.1	436.0	463.6	495.5	522.6	546.1	566.2	582.0	593.6	601.0
50°	435.3	466.5	502.5	537.7	572.6	602.6	630.1	657.8	681.0	699.4	712.5
52.5°	489.7	529.4	569.9	610.1	653.7	695.9	731.4	764.6	794.8	820.8	841.8
55°	545.1	589.4	636.0	687.2	738.6	788.5	831.7	870.3	905.6	937.0	963.4
57.5°	597.2	648.7	703.8	763.3	824.0	873.3	921.7	963.3	999.8	1033.5	1063.4
60°	648.1	706.4	772.9	836.6	896.5	948.2	992.9	1035.6	1075.0	1110.3	1140.8
62.5°	695.6	767.6	837.2	903.9	958.1	1009.0	1054.9	1098.8	1137.3	1172.2	1202.7
65°	752.5	823.1	894.7	954.6	1009.8	1061.5	1107.3	1149.9	1189.9	1226.5	1258.1
67.5°	803.6	876.3	938.9	997.2	1052.8	1103.3	1151.7	1197.2	1238.2	1274.2	1304.7
70°	847.3	918.7	980.5	1034.3	1086.4	1140.1	1191.4	1237.4	1281.0	1321.3	1351.2
72.5°	884.1	957.4	1014.9	1067.5	1119.2	1171.4	1223.1	1274.6	1327.2	1368.5	1392.7
75°	918.0	984.6	1041.3	1095.4	1149.3	1200.3	1251.5	1306.8	1357.6	1401.8	1429.7
77.5°	946.0	1006.9	1062.1	1117.6	1173.0	1226.1	1278.4	1331.1	1381.4	1425.7	1454.4
80°	964.2	1023.3	1077.2	1133.8	1191.3	1245.8	1297.8	1350.1	1400.9	1445.2	1472.9
82.5°	980.0	1038.8	1092.6	1148.3	1202.2	1253.6	1308.5	1364.9	1422.6	1469.6	1491.2
85°	992.1	1049.7	1102.2	1158.6	1211.6	1264.4	1318.1	1375.6	1432.5	1477.7	1502.9
87.5°	1002.6	1055.8	1106.2	1162.4	1215.1	1270.9	1327.9	1385.6	1438.6	1484.2	1505.2
90°	1002.4	1057.2	1105.0	1159.9	1212.4	1270.4	1329.2	1382.5	1436.5	1486.7	1507.1
92.5°	1002.6	1055.8	1106.2	1162.4	1215.1	1270.9	1327.9	1385.6	1438.6	1484.2	1505.2
95°	992.1	1049.7	1102.2	1158.6	1211.6	1264.4	1318.1	1375.6	1432.5	1477.7	1502.9
97.5°	980.0	1038.8	1092.6	1148.3	1202.2	1253.6	1308.5	1364.9	1422.6	1469.6	1491.2
100°	964.2	1023.3	1077.2	1133.8	1191.3	1245.8	1297.8	1350.1	1400.9	1445.2	1472.9
102.5°	946.0	1006.9	1062.1	1117.6	1173.0	1226.1	1278.4	1331.1	1381.4	1425.7	1454.4
105°	918.0	984.6	1041.3	1095.4	1149.3	1200.3	1251.5	1306.8	1357.6	1401.8	1429.7
107.5°	884.1	957.4	1014.9	1067.5	1119.2	1171.4	1223.1	1274.6	1327.2	1368.5	1392.7
110°	847.3	918.7	980.5	1034.3	1086.4	1140.1	1191.4	1237.4	1281.0	1321.3	1351.2



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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°	803.6	876.3	938.9	997.2	1052.8	1103.3	1151.7	1197.2	1238.2	1274.2	1304.7
115°	752.5	823.1	894.7	954.6	1009.8	1061.5	1107.3	1149.9	1189.9	1226.5	1258.1
117.5°	695.6	767.6	837.2	903.9	958.1	1009.0	1054.9	1098.8	1137.3	1172.2	1202.7
120°	648.1	706.4	772.9	836.6	896.5	948.2	992.9	1035.6	1075.0	1110.3	1140.8
122.5°	597.2	648.7	703.8	763.3	824.0	873.3	921.7	963.3	999.8	1033.5	1063.4
125°	545.1	589.4	636.0	687.2	738.6	788.5	831.7	870.3	905.6	937.0	963.4
127.5°	489.7	529.4	569.9	610.1	653.7	695.9	731.4	764.6	794.8	820.8	841.8
130°	435.3	466.5	502.5	537.7	572.6	602.6	630.1	657.8	681.0	699.4	712.5
132.5°	383.5	410.1	436.0	463.6	495.5	522.6	546.1	566.2	582.0	593.6	601.0
135°	331.3	354.7	377.1	403.1	427.9	452.3	471.8	489.9	503.9	514.0	520.4
137.5°	284.3	300.9	323.2	348.3	370.8	390.8	409.0	424.7	437.7	448.1	455.9
140°	241.6	259.0	279.3	299.2	317.8	335.8	352.5	366.8	378.8	388.4	395.9
142.5°	210.9	225.1	241.4	256.9	271.5	286.8	301.0	313.7	324.8	334.2	341.9
145°	186.5	197.9	209.6	220.8	232.0	244.2	255.4	265.5	274.4	282.1	288.5
147.5°	165.9	174.5	183.0	191.2	200.0	208.8	216.9	224.3	230.9	236.5	241.3
150°	150.6	155.8	160.8	165.7	172.5	178.8	184.7	190.1	194.9	199.0	202.4
152.5°	137.8	141.0	144.2	147.8	151.7	155.4	158.8	161.8	164.5	166.8	168.6
155°	126.4	128.3	130.2	132.7	135.1	137.3	139.3	141.2	142.7	144.0	145.0
157.5°	115.2	116.7	118.1	119.4	120.7	121.8	122.8	123.7	124.3	124.8	125.6
160°	102.5	103.4	104.3	105.2	106.0	106.7	107.3	107.7	108.0	108.0	108.4
162.5°	89.3	89.9	90.4	90.7	90.9	90.9	90.8	90.5	90.0	89.3	88.9
165°	76.8	77.2	77.4	77.5	77.4	77.2	76.8	76.2	75.5	74.7	73.9
167.5°	64.7	65.1	65.3	65.5	65.5	65.3	65.1	64.7	64.2	63.6	63.1
170°	52.3	52.7	53.1	53.3	53.5	53.5	53.4	53.3	53.0	53.0	52.3
172.5°	40.3	40.6	40.8	41.0	41.0	41.0	41.0	40.8	40.6	40.6	40.2
175°	27.8	28.2	28.6	28.9	29.2	29.4	29.5	29.6	30.1	29.8	29.6
177.5°	12.1	12.2	12.3	12.3	12.4	12.4	12.8	12.6	12.5	12.3	12.1
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	0.0	0.0
2.5°	12.0	11.8
5°	29.3	29.0
7.5°	39.7	39.2
10°	51.6	50.9
12.5°	62.1	61.1
15°	72.6	71.3
17.5°	87.5	86.2
20°	107.5	106.6
22.5°	125.1	124.6
25°	145.8	145.8
27.5°	170.3	170.8
30°	205.5	206.9
32.5°	245.6	247.7
35°	294.2	297.0
37.5°	348.7	351.9
40°	402.1	404.4
42.5°	462.4	464.0
45°	524.8	523.5
47.5°	606.2	603.5
50°	723.1	721.8
52.5°	860.6	864.4
55°	987.7	996.9
57.5°	1091.7	1106.6
60°	1169.1	1185.8
62.5°	1228.5	1249.2
65°	1284.6	1305.7
67.5°	1329.7	1349.6
70°	1372.6	1387.2
72.5°	1408.5	1417.7
75°	1441.7	1446.7
77.5°	1459.6	1460.1
80°	1483.8	1485.9
82.5°	1500.5	1502.4
85°	1507.8	1506.3
87.5°	1517.2	1520.4
90°	1515.7	1517.3
92.5°	1517.2	1520.4
95°	1507.8	1506.3
97.5°	1500.5	1502.4
100°	1483.8	1485.9
102.5°	1459.6	1460.1
105°	1441.7	1446.7
107.5°	1408.5	1417.7
110°	1372.6	1387.2



TEST NUMBER: P231912

CATALOG NUMBER: FVS4WM-2-LD4-30-2STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	1329.7	1349.6
115°	1284.6	1305.7
117.5°	1228.5	1249.2
120°	1169.1	1185.8
122.5°	1091.7	1106.6
125°	987.7	996.9
127.5°	860.6	864.4
130°	723.1	721.8
132.5°	606.2	603.5
135°	524.8	523.5
137.5°	462.4	464.0
140°	402.1	404.4
142.5°	348.7	351.9
145°	294.2	297.0
147.5°	245.6	247.7
150°	205.5	206.9
152.5°	170.3	170.8
155°	145.8	145.8
157.5°	125.1	124.6
160°	107.5	106.6
162.5°	87.5	86.2
165°	72.6	71.3
167.5°	62.1	61.1
170°	51.6	50.9
172.5°	39.7	39.2
175°	29.3	29.0
177.5°	12.0	11.8
180°	0.0	0.0

(END OF REPORT)