

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: P231913

Luminaire Tested: **FVS4WM-2-LD4-35-2STD-P125-UNV-EDC1**

Issue Date: 3/3/2020



Test Information

Test Method: LM-79-08
Report Number: P231913
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-LD4-35-2STD-P125-UNV-EDC1
Description: FAILSAFE FVS LED FIXTURE
2FT LENGTH, 2-MODULE LED WITH P125 LENS
Light Source: (84) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

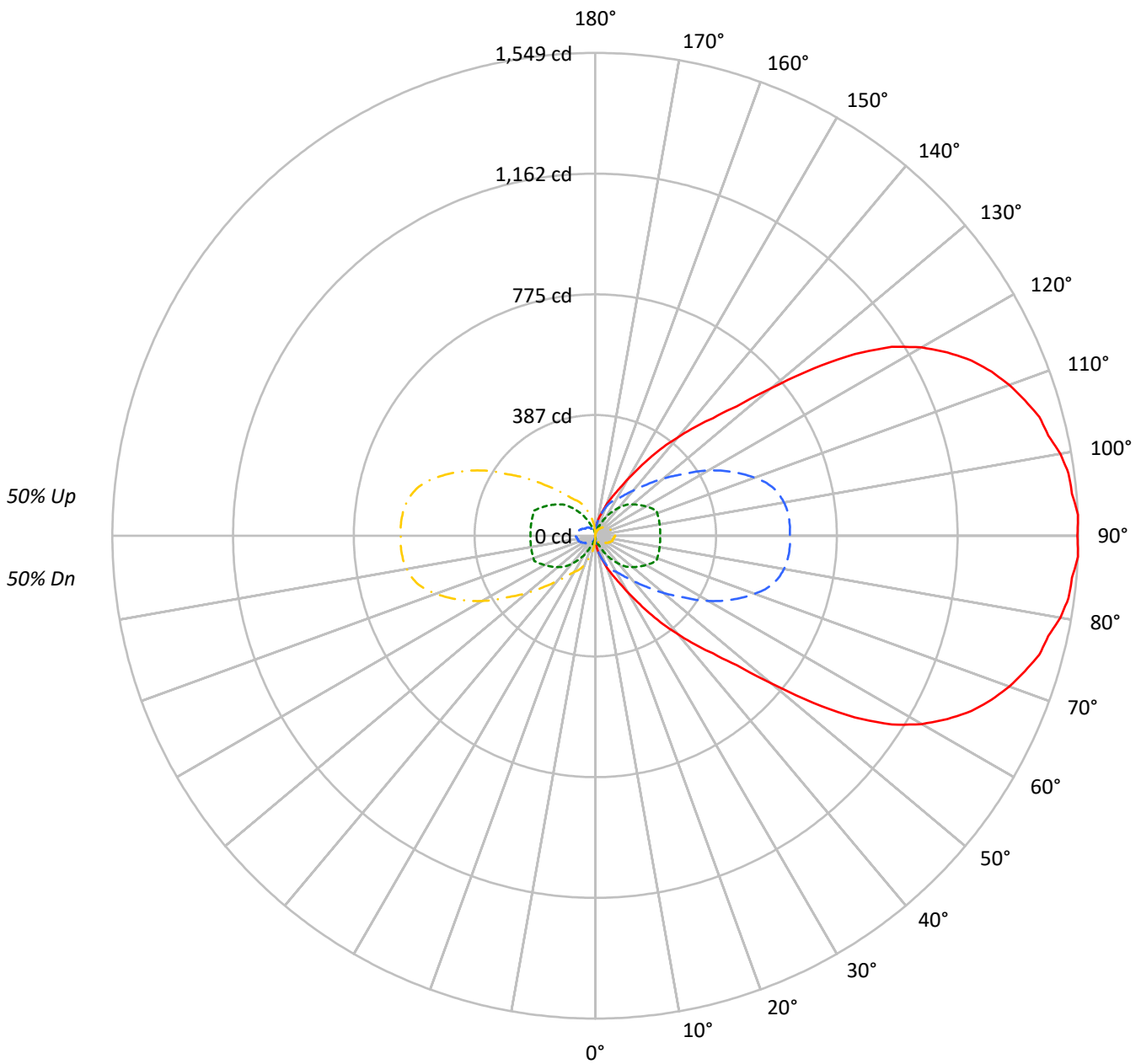
Lumens per Lamp: N/A
Luminaire Lumens: 3539.5 lumens
Efficiency: N/A
Efficacy: 104.4 lumens/watt
Spacing Criteria (0/90/45): - / - / -
Luminous Opening: Rectangular w/ Sides (W: 1.92' x L: 0.19' x H: 0.31')
CIE Type: General Diffuse

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°	774	237	0	237
10°	1220	473	0	473
15°	1558	710	0	710
20°	2155	960	0	960
25°	2761	1459	0	1459
30°	3715	2238	0	2238
35°	5108	3088	0	3088
40°	6718	4034	0	4034
45°	8474	5121	0	5121
50°	11477	6102	0	6102
55°	15692	7294	0	7294
60°	18623	8777	12	8777
65°	20615	10697	12	10697
70°	22187	12773	13	12773
75°	23629	15130	13	15130
80°	24986	18766	0	18766
85°	26308	25022	0	25022



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1.7	0.0
10°-20°	11.3	0.3
20°-30°	31.8	0.9
30°-40°	70.5	2.0
40°-50°	136.3	3.9
50°-60°	242.6	6.9
60°-70°	357.6	10.1
70°-80°	438.6	12.4
80°-90°	479.5	13.5
90°-100°	479.5	13.5
100°-110°	438.6	12.4
110°-120°	357.6	10.1
120°-130°	242.6	6.9
130°-140°	136.3	3.9
140°-150°	70.5	2.0
150°-160°	31.8	0.9
160°-170°	11.3	0.3
170°-180°	1.7	0.0
0°-30°	44.7	1.3
0°-40°	115.2	3.3
0°-60°	494.1	14.0
0°-90°	1769.7	50.0
90°-120°	1275.7	36.0
90°-150°	1725.0	48.7
90°-180°	1770.0	50.0
0°-180°	3539.5	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	0	0	0	0	0	
5°	30	8	0	8	30	3
15°	73	24	0	24	73	22
25°	148	48	0	48	148	72
35°	303	94	0	94	303	195
45°	534	141	0	141	534	428
55°	1016	172	0	172	1016	900
65°	1330	204	1	204	1330	1314
75°	1474	210	1	210	1474	1553
85°	1535	208	0	208	1535	1252
90°	1546	208	0	208	1546	848
95°	1535	208	0	208	1535	1252
105°	1474	210	1	210	1474	1553
115°	1330	204	1	204	1330	1314
125°	1016	172	0	172	1016	900
135°	534	141	0	141	534	428
145°	303	94	0	94	303	195
155°	148	48	0	48	148	72
165°	73	24	0	24	73	22
175°	30	8	0	8	30	3
180°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	12.0	12.2	12.3	12.5	12.7	12.8	13.0	12.6	12.6	12.6	12.5
5°	29.5	29.8	30.1	30.4	30.6	30.1	30.0	29.9	29.7	29.4	29.1
7.5°	39.9	40.4	40.9	41.4	41.4	41.6	41.7	41.8	41.8	41.7	41.6
10°	51.9	52.6	53.3	54.1	54.0	54.3	54.5	54.5	54.5	54.3	54.1
12.5°	62.3	63.3	64.3	64.8	65.5	66.0	66.3	66.6	66.7	66.7	66.6
15°	72.7	74.0	75.4	76.1	77.0	77.7	78.3	78.7	78.9	79.0	78.9
17.5°	87.8	89.2	90.5	91.0	91.7	92.2	92.5	92.6	92.6	92.4	92.1
20°	108.6	109.5	110.5	110.1	110.0	109.8	109.3	108.7	108.0	107.2	106.3
22.5°	127.0	127.5	128.0	127.2	126.7	126.0	125.2	124.1	123.0	121.7	120.4
25°	148.5	148.5	147.7	146.7	145.4	143.8	141.9	139.9	137.6	135.2	132.7
27.5°	174.1	173.5	171.9	170.0	167.7	164.9	161.8	158.3	154.6	150.6	146.9
30°	210.8	209.4	206.3	202.8	198.6	193.7	188.2	182.2	175.8	168.9	163.9
32.5°	252.4	250.2	245.9	241.0	235.2	228.5	221.0	212.8	203.8	194.9	186.5
35°	302.7	299.8	294.0	287.5	279.6	270.5	260.2	248.8	236.3	225.0	213.6
37.5°	358.6	355.3	348.4	340.5	330.9	319.6	306.7	292.3	276.7	261.8	245.9
40°	412.1	409.8	403.4	395.8	386.0	373.8	359.1	342.1	323.8	304.9	284.5
42.5°	472.8	471.2	464.6	456.6	446.0	432.7	416.8	398.2	377.8	354.8	329.2
45°	533.5	534.8	530.3	523.8	513.5	499.2	480.7	460.9	436.0	410.8	384.2
47.5°	614.9	617.6	612.3	604.8	593.0	576.9	556.4	532.5	504.8	472.4	444.2
50°	735.5	736.9	726.1	712.7	693.9	670.3	642.1	614.1	583.5	547.9	512.0
52.5°	880.9	877.0	857.8	836.4	809.9	779.2	745.2	709.1	666.2	621.6	580.7
55°	1015.8	1006.4	981.7	954.8	922.8	886.9	847.5	803.5	752.6	700.3	648.1
57.5°	1127.6	1112.5	1083.6	1053.1	1018.8	981.6	939.2	889.9	839.7	777.9	717.2
60°	1208.3	1191.3	1162.4	1131.3	1095.4	1055.3	1011.7	966.2	913.5	852.4	787.6
62.5°	1273.0	1251.9	1225.6	1194.5	1158.8	1119.6	1075.0	1028.2	976.3	921.0	853.1
65°	1330.5	1308.9	1282.0	1249.7	1212.4	1171.7	1128.3	1081.7	1029.0	972.8	911.6
67.5°	1375.2	1355.0	1329.5	1298.4	1261.7	1219.9	1173.5	1124.2	1072.8	1016.2	956.7
70°	1413.5	1398.6	1376.8	1346.4	1305.3	1260.8	1214.0	1161.7	1107.0	1054.0	999.2
72.5°	1444.7	1435.3	1419.2	1394.5	1352.4	1298.8	1246.3	1193.6	1140.4	1087.7	1034.1
75°	1474.2	1469.1	1456.9	1428.5	1383.4	1331.6	1275.3	1223.0	1171.1	1116.2	1061.1
77.5°	1487.8	1487.3	1482.0	1452.8	1407.6	1356.4	1302.7	1249.3	1195.2	1138.7	1082.3
80°	1514.1	1511.9	1500.9	1472.6	1427.5	1375.7	1322.5	1269.5	1213.9	1155.3	1097.7
82.5°	1530.9	1528.9	1519.5	1497.5	1449.6	1390.8	1333.3	1277.4	1225.1	1170.1	1113.3
85°	1534.9	1536.4	1531.4	1505.7	1459.7	1401.8	1343.1	1288.4	1234.6	1180.6	1123.1
87.5°	1549.3	1546.0	1533.8	1512.3	1465.9	1411.9	1353.1	1295.0	1238.2	1184.4	1127.2
90°	1546.1	1544.5	1535.7	1514.9	1463.8	1408.7	1354.4	1294.5	1235.4	1181.9	1126.0
92.5°	1549.3	1546.0	1533.8	1512.3	1465.9	1411.9	1353.1	1295.0	1238.2	1184.4	1127.2
95°	1534.9	1536.4	1531.4	1505.7	1459.7	1401.8	1343.1	1288.4	1234.6	1180.6	1123.1
97.5°	1530.9	1528.9	1519.5	1497.5	1449.6	1390.8	1333.3	1277.4	1225.1	1170.1	1113.3
100°	1514.1	1511.9	1500.9	1472.6	1427.5	1375.7	1322.5	1269.5	1213.9	1155.3	1097.7
102.5°	1487.8	1487.3	1482.0	1452.8	1407.6	1356.4	1302.7	1249.3	1195.2	1138.7	1082.3
105°	1474.2	1469.1	1456.9	1428.5	1383.4	1331.6	1275.3	1223.0	1171.1	1116.2	1061.1
107.5°	1444.7	1435.3	1419.2	1394.5	1352.4	1298.8	1246.3	1193.6	1140.4	1087.7	1034.1
110°	1413.5	1398.6	1376.8	1346.4	1305.3	1260.8	1214.0	1161.7	1107.0	1054.0	999.2



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CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
112.5°	1375.2	1355.0	1329.5	1298.4	1261.7	1219.9	1173.5	1124.2	1072.8	1016.2	956.7
115°	1330.5	1308.9	1282.0	1249.7	1212.4	1171.7	1128.3	1081.7	1029.0	972.8	911.6
117.5°	1273.0	1251.9	1225.6	1194.5	1158.8	1119.6	1075.0	1028.2	976.3	921.0	853.1
120°	1208.3	1191.3	1162.4	1131.3	1095.4	1055.3	1011.7	966.2	913.5	852.4	787.6
122.5°	1127.6	1112.5	1083.6	1053.1	1018.8	981.6	939.2	889.9	839.7	777.9	717.2
125°	1015.8	1006.4	981.7	954.8	922.8	886.9	847.5	803.5	752.6	700.3	648.1
127.5°	880.9	877.0	857.8	836.4	809.9	779.2	745.2	709.1	666.2	621.6	580.7
130°	735.5	736.9	726.1	712.7	693.9	670.3	642.1	614.1	583.5	547.9	512.0
132.5°	614.9	617.6	612.3	604.8	593.0	576.9	556.4	532.5	504.8	472.4	444.2
135°	533.5	534.8	530.3	523.8	513.5	499.2	480.7	460.9	436.0	410.8	384.2
137.5°	472.8	471.2	464.6	456.6	446.0	432.7	416.8	398.2	377.8	354.8	329.2
140°	412.1	409.8	403.4	395.8	386.0	373.8	359.1	342.1	323.8	304.9	284.5
142.5°	358.6	355.3	348.4	340.5	330.9	319.6	306.7	292.3	276.7	261.8	245.9
145°	302.7	299.8	294.0	287.5	279.6	270.5	260.2	248.8	236.3	225.0	213.6
147.5°	252.4	250.2	245.9	241.0	235.2	228.5	221.0	212.8	203.8	194.9	186.5
150°	210.8	209.4	206.3	202.8	198.6	193.7	188.2	182.2	175.8	168.9	163.9
152.5°	174.1	173.5	171.9	170.0	167.7	164.9	161.8	158.3	154.6	150.6	146.9
155°	148.5	148.5	147.7	146.7	145.4	143.8	141.9	139.9	137.6	135.2	132.7
157.5°	127.0	127.5	128.0	127.2	126.7	126.0	125.2	124.1	123.0	121.7	120.4
160°	108.6	109.5	110.5	110.1	110.0	109.8	109.3	108.7	108.0	107.2	106.3
162.5°	87.8	89.2	90.5	91.0	91.7	92.2	92.5	92.6	92.6	92.4	92.1
165°	72.7	74.0	75.4	76.1	77.0	77.7	78.3	78.7	78.9	79.0	78.9
167.5°	62.3	63.3	64.3	64.8	65.5	66.0	66.3	66.6	66.7	66.7	66.6
170°	51.9	52.6	53.3	54.1	54.0	54.3	54.5	54.5	54.5	54.3	54.1
172.5°	39.9	40.4	40.9	41.4	41.4	41.6	41.7	41.8	41.8	41.7	41.6
175°	29.5	29.8	30.1	30.4	30.6	30.1	30.0	29.9	29.7	29.4	29.1
177.5°	12.0	12.2	12.3	12.5	12.7	12.8	13.0	12.6	12.6	12.6	12.5
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°	12.4	12.3	12.2	12.0	11.9	11.7	11.5	11.2	11.0	10.7	10.4
5°	28.7	28.2	27.7	27.2	26.5	25.8	25.1	24.3	23.5	22.6	21.7
7.5°	41.3	41.1	40.7	40.3	39.8	39.2	38.5	37.8	37.1	35.9	34.5
10°	53.7	53.3	52.7	52.0	51.2	50.3	49.4	48.4	47.4	46.3	45.0
12.5°	66.3	65.9	65.4	64.7	63.8	62.7	61.5	60.1	58.6	56.9	55.2
15°	78.7	78.2	77.6	76.9	75.9	74.8	73.5	72.1	70.5	68.5	66.4
17.5°	91.6	91.0	90.3	89.4	88.4	87.1	85.6	83.9	82.0	79.9	77.6
20°	105.3	104.4	103.4	102.3	101.1	99.8	98.1	96.2	94.0	91.5	88.9
22.5°	118.9	117.4	116.0	114.6	113.2	111.7	110.0	108.2	106.4	103.6	100.5
25°	130.7	128.8	126.9	125.1	123.4	121.8	120.5	119.1	117.0	114.9	113.0
27.5°	143.6	140.4	137.1	134.2	132.1	130.1	128.6	127.0	126.0	124.8	122.4
30°	158.7	153.4	148.5	144.4	140.8	137.2	135.2	133.3	133.4	134.5	135.5
32.5°	177.9	169.1	162.2	156.1	150.0	145.6	144.4	144.0	144.7	145.4	146.3
35°	201.7	190.1	180.1	170.0	163.7	161.1	158.1	157.3	156.4	156.6	157.1
37.5°	229.3	214.9	201.1	193.4	186.6	180.0	175.6	171.8	169.5	168.3	168.1
40°	263.8	246.1	233.6	223.1	213.0	203.6	195.8	188.9	184.3	181.0	179.5
42.5°	306.5	289.6	272.7	258.1	244.2	231.1	218.6	209.5	200.9	195.5	191.8
45°	361.4	337.6	316.8	296.4	278.4	261.0	246.2	231.4	220.9	211.5	205.3
47.5°	417.9	390.8	364.1	338.3	315.6	294.3	275.2	258.2	241.9	230.2	220.8
50°	475.3	443.5	412.7	383.2	355.6	329.4	306.2	285.4	266.9	250.1	237.1
52.5°	539.4	499.0	461.0	427.3	395.3	366.0	338.2	314.1	293.3	272.2	262.4
55°	600.6	555.4	512.1	470.9	434.8	401.4	370.3	343.6	325.1	309.4	297.3
57.5°	661.1	608.6	561.1	515.9	473.7	436.5	407.8	382.6	361.0	344.4	331.8
60°	719.9	660.5	606.3	557.7	516.4	478.8	445.8	418.7	396.2	378.2	364.5
62.5°	782.2	708.8	651.8	604.7	561.4	518.8	483.0	453.2	429.1	409.5	395.1
65°	838.8	766.8	699.0	648.4	603.1	559.2	517.7	484.3	459.5	440.0	425.3
67.5°	893.0	818.9	748.1	687.9	640.3	596.7	551.4	515.4	488.5	468.4	453.5
70°	936.2	863.4	791.2	722.9	673.4	629.5	585.0	544.1	514.5	494.4	479.8
72.5°	975.6	901.0	824.3	755.7	700.9	658.1	615.7	571.3	538.4	518.8	504.7
75°	1003.3	935.4	852.8	780.0	722.7	682.5	639.1	591.6	558.1	538.4	526.0
77.5°	1026.0	964.0	877.2	802.0	742.0	694.4	649.7	605.2	572.5	555.4	545.7
80°	1042.7	982.5	903.8	822.3	756.7	704.7	658.1	614.7	583.4	570.3	563.9
82.5°	1058.6	998.6	923.7	838.1	767.8	713.6	664.4	620.7	591.3	583.5	581.0
85°	1069.7	1010.9	936.9	849.4	775.5	720.6	668.5	623.7	597.2	595.5	597.4
87.5°	1075.9	1021.6	946.5	858.3	781.4	726.8	671.4	625.0	601.8	606.8	613.3
90°	1077.3	1021.4	943.9	857.7	781.0	727.5	670.0	623.7	606.1	618.1	629.3
92.5°	1075.9	1021.6	946.5	858.3	781.4	726.8	671.4	625.0	601.8	606.8	613.3
95°	1069.7	1010.9	936.9	849.4	775.5	720.6	668.5	623.7	597.2	595.5	597.4
97.5°	1058.6	998.6	923.7	838.1	767.8	713.6	664.4	620.7	591.3	583.5	581.0
100°	1042.7	982.5	903.8	822.3	756.7	704.7	658.1	614.7	583.4	570.3	563.9
102.5°	1026.0	964.0	877.2	802.0	742.0	694.4	649.7	605.2	572.5	555.4	545.7
105°	1003.3	935.4	852.8	780.0	722.7	682.5	639.1	591.6	558.1	538.4	526.0
107.5°	975.6	901.0	824.3	755.7	700.9	658.1	615.7	571.3	538.4	518.8	504.7
110°	936.2	863.4	791.2	722.9	673.4	629.5	585.0	544.1	514.5	494.4	479.8



TEST NUMBER: P231913

CATALOG NUMBER: FVS4WM-2-LD4-35-2STD-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°	893.0	818.9	748.1	687.9	640.3	596.7	551.4	515.4	488.5	468.4	453.5
115°	838.8	766.8	699.0	648.4	603.1	559.2	517.7	484.3	459.5	440.0	425.3
117.5°	782.2	708.8	651.8	604.7	561.4	518.8	483.0	453.2	429.1	409.5	395.1
120°	719.9	660.5	606.3	557.7	516.4	478.8	445.8	418.7	396.2	378.2	364.5
122.5°	661.1	608.6	561.1	515.9	473.7	436.5	407.8	382.6	361.0	344.4	331.8
125°	600.6	555.4	512.1	470.9	434.8	401.4	370.3	343.6	325.1	309.4	297.3
127.5°	539.4	499.0	461.0	427.3	395.3	366.0	338.2	314.1	293.3	272.2	262.4
130°	475.3	443.5	412.7	383.2	355.6	329.4	306.2	285.4	266.9	250.1	237.1
132.5°	417.9	390.8	364.1	338.3	315.6	294.3	275.2	258.2	241.9	230.2	220.8
135°	361.4	337.6	316.8	296.4	278.4	261.0	246.2	231.4	220.9	211.5	205.3
137.5°	306.5	289.6	272.7	258.1	244.2	231.1	218.6	209.5	200.9	195.5	191.8
140°	263.8	246.1	233.6	223.1	213.0	203.6	195.8	188.9	184.3	181.0	179.5
142.5°	229.3	214.9	201.1	193.4	186.6	180.0	175.6	171.8	169.5	168.3	168.1
145°	201.7	190.1	180.1	170.0	163.7	161.1	158.1	157.3	156.4	156.6	157.1
147.5°	177.9	169.1	162.2	156.1	150.0	145.6	144.4	144.0	144.7	145.4	146.3
150°	158.7	153.4	148.5	144.4	140.8	137.2	135.2	133.3	133.4	134.5	135.5
152.5°	143.6	140.4	137.1	134.2	132.1	130.1	128.6	127.0	126.0	124.8	122.4
155°	130.7	128.8	126.9	125.1	123.4	121.8	120.5	119.1	117.0	114.9	113.0
157.5°	118.9	117.4	116.0	114.6	113.2	111.7	110.0	108.2	106.4	103.6	100.5
160°	105.3	104.4	103.4	102.3	101.1	99.8	98.1	96.2	94.0	91.5	88.9
162.5°	91.6	91.0	90.3	89.4	88.4	87.1	85.6	83.9	82.0	79.9	77.6
165°	78.7	78.2	77.6	76.9	75.9	74.8	73.5	72.1	70.5	68.5	66.4
167.5°	66.3	65.9	65.4	64.7	63.8	62.7	61.5	60.1	58.6	56.9	55.2
170°	53.7	53.3	52.7	52.0	51.2	50.3	49.4	48.4	47.4	46.3	45.0
172.5°	41.3	41.1	40.7	40.3	39.8	39.2	38.5	37.8	37.1	35.9	34.5
175°	28.7	28.2	27.7	27.2	26.5	25.8	25.1	24.3	23.5	22.6	21.7
177.5°	12.4	12.3	12.2	12.0	11.9	11.7	11.5	11.2	11.0	10.7	10.4
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: P231913

CATALOG NUMBER: FVS4WM-2-LD4-35-2STD-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°	10.1	9.7	9.4	9.0	8.6	8.2	7.8	7.4	6.9	6.5	6.0
5°	20.7	19.7	18.6	17.9	17.1	16.3	15.5	14.6	13.7	12.8	11.9
7.5°	33.0	31.5	29.9	28.3	26.6	24.9	23.1	21.8	20.5	19.1	17.7
10°	43.7	42.3	40.9	38.7	36.5	34.3	32.0	29.6	27.2	25.3	23.5
12.5°	53.5	51.7	49.8	47.8	45.7	43.2	40.4	37.6	34.7	31.7	29.2
15°	64.1	61.6	59.4	56.6	54.0	51.3	48.5	45.2	41.9	38.5	35.0
17.5°	75.5	72.2	69.2	66.0	62.7	59.4	56.0	52.5	48.8	44.9	41.0
20°	86.0	82.9	79.6	75.8	71.9	67.8	63.8	59.7	55.4	51.2	46.9
22.5°	97.2	93.6	89.8	85.8	81.4	76.7	71.8	67.0	62.1	57.2	52.6
25°	108.7	104.7	100.4	95.8	92.0	88.0	83.6	79.0	74.5	69.8	65.2
27.5°	121.2	118.7	115.3	111.7	107.7	103.5	98.8	93.9	88.9	83.9	78.8
30°	134.8	133.6	131.1	127.3	123.2	118.7	113.9	108.6	103.5	97.9	92.5
32.5°	147.1	146.7	145.3	142.5	138.2	133.6	128.5	123.1	117.3	111.6	105.9
35°	157.9	158.6	158.0	156.6	152.9	148.2	142.9	137.7	131.3	125.1	119.2
37.5°	168.6	169.2	169.9	168.8	167.6	162.4	157.2	151.3	145.0	138.5	132.4
40°	179.3	179.8	180.4	180.7	179.4	176.2	171.1	165.0	158.6	151.9	145.5
42.5°	190.2	190.3	190.8	191.4	191.0	189.8	184.5	178.6	172.0	165.1	158.3
45°	202.1	200.6	201.2	201.8	202.2	201.2	197.7	192.0	185.2	178.1	171.1
47.5°	213.7	211.9	211.3	212.1	212.6	213.7	214.0	209.5	202.7	194.5	185.7
50°	228.6	224.5	230.1	236.3	239.8	240.6	239.4	232.9	223.8	212.9	201.4
52.5°	257.7	259.3	265.4	270.4	272.2	269.3	265.3	257.4	246.0	232.1	217.7
55°	291.7	293.6	299.7	306.3	306.6	300.3	292.6	282.8	269.1	252.0	234.6
57.5°	324.8	325.0	333.2	341.9	341.8	333.5	321.2	309.1	292.9	272.6	252.0
60°	355.7	355.0	365.2	375.9	378.3	368.7	351.0	336.1	316.9	293.8	269.7
62.5°	386.7	385.8	395.1	409.2	416.0	405.7	382.4	363.4	341.5	315.4	287.9
65°	416.4	414.8	423.0	442.1	454.5	442.4	415.7	391.5	366.6	337.5	306.2
67.5°	444.1	442.2	449.4	473.3	488.3	478.9	450.1	420.2	392.0	359.9	324.8
70°	470.4	469.6	478.1	501.0	515.3	504.1	470.4	433.2	400.8	366.1	329.0
72.5°	495.0	492.4	498.4	512.6	521.9	510.1	475.9	436.3	402.8	368.1	330.6
75°	517.0	513.1	517.8	527.2	530.6	516.5	480.9	439.1	404.4	369.6	331.9
77.5°	538.3	533.6	537.3	544.4	541.0	523.2	485.2	441.6	405.6	370.7	332.7
80°	559.0	553.8	556.9	563.6	552.7	529.8	488.9	443.8	406.5	371.5	333.2
82.5°	579.3	574.0	576.7	584.2	565.2	536.3	491.9	445.6	406.9	371.8	334.4
85°	599.2	594.0	596.6	605.6	578.0	544.2	495.8	448.0	407.7	372.5	333.6
87.5°	618.8	614.0	616.7	627.7	591.2	548.4	496.2	448.0	406.7	371.5	332.9
90°	638.1	634.1	637.3	648.5	602.9	552.6	496.7	448.0	405.7	370.5	332.2
92.5°	618.8	614.0	616.7	627.7	591.2	548.4	496.2	448.0	406.7	371.5	332.9
95°	599.2	594.0	596.6	605.6	578.0	544.2	495.8	448.0	407.7	372.5	333.6
97.5°	579.3	574.0	576.7	584.2	565.2	536.3	491.9	445.6	406.9	371.8	334.4
100°	559.0	553.8	556.9	563.6	552.7	529.8	488.9	443.8	406.5	371.5	333.2
102.5°	538.3	533.6	537.3	544.4	541.0	523.2	485.2	441.6	405.6	370.7	332.7
105°	517.0	513.1	517.8	527.2	530.6	516.5	480.9	439.1	404.4	369.6	331.9
107.5°	495.0	492.4	498.4	512.6	521.9	510.1	475.9	436.3	402.8	368.1	330.6
110°	470.4	469.6	478.1	501.0	515.3	504.1	470.4	433.2	400.8	366.1	329.0



TEST NUMBER: P231913

CATALOG NUMBER: FVS4WM-2-LD4-35-2STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	444.1	442.2	449.4	473.3	488.3	478.9	450.1	420.2	392.0	359.9	324.8
115°	416.4	414.8	423.0	442.1	454.5	442.4	415.7	391.5	366.6	337.5	306.2
117.5°	386.7	385.8	395.1	409.2	416.0	405.7	382.4	363.4	341.5	315.4	287.9
120°	355.7	355.0	365.2	375.9	378.3	368.7	351.0	336.1	316.9	293.8	269.7
122.5°	324.8	325.0	333.2	341.9	341.8	333.5	321.2	309.1	292.9	272.6	252.0
125°	291.7	293.6	299.7	306.3	306.6	300.3	292.6	282.8	269.1	252.0	234.6
127.5°	257.7	259.3	265.4	270.4	272.2	269.3	265.3	257.4	246.0	232.1	217.7
130°	228.6	224.5	230.1	236.3	239.8	240.6	239.4	232.9	223.8	212.9	201.4
132.5°	213.7	211.9	211.3	212.1	212.6	213.7	214.0	209.5	202.7	194.5	185.7
135°	202.1	200.6	201.2	201.8	202.2	201.2	197.7	192.0	185.2	178.1	171.1
137.5°	190.2	190.3	190.8	191.4	191.0	189.8	184.5	178.6	172.0	165.1	158.3
140°	179.3	179.8	180.4	180.7	179.4	176.2	171.1	165.0	158.6	151.9	145.5
142.5°	168.6	169.2	169.9	168.8	167.6	162.4	157.2	151.3	145.0	138.5	132.4
145°	157.9	158.6	158.0	156.6	152.9	148.2	142.9	137.7	131.3	125.1	119.2
147.5°	147.1	146.7	145.3	142.5	138.2	133.6	128.5	123.1	117.3	111.6	105.9
150°	134.8	133.6	131.1	127.3	123.2	118.7	113.9	108.6	103.5	97.9	92.5
152.5°	121.2	118.7	115.3	111.7	107.7	103.5	98.8	93.9	88.9	83.9	78.8
155°	108.7	104.7	100.4	95.8	92.0	88.0	83.6	79.0	74.5	69.8	65.2
157.5°	97.2	93.6	89.8	85.8	81.4	76.7	71.8	67.0	62.1	57.2	52.6
160°	86.0	82.9	79.6	75.8	71.9	67.8	63.8	59.7	55.4	51.2	46.9
162.5°	75.5	72.2	69.2	66.0	62.7	59.4	56.0	52.5	48.8	44.9	41.0
165°	64.1	61.6	59.4	56.6	54.0	51.3	48.5	45.2	41.9	38.5	35.0
167.5°	53.5	51.7	49.8	47.8	45.7	43.2	40.4	37.6	34.7	31.7	29.2
170°	43.7	42.3	40.9	38.7	36.5	34.3	32.0	29.6	27.2	25.3	23.5
172.5°	33.0	31.5	29.9	28.3	26.6	24.9	23.1	21.8	20.5	19.1	17.7
175°	20.7	19.7	18.6	17.9	17.1	16.3	15.5	14.6	13.7	12.8	11.9
177.5°	10.1	9.7	9.4	9.0	8.6	8.2	7.8	7.4	6.9	6.5	6.0
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: P231913

CATALOG NUMBER: FVS4WM-2-LD4-35-2STD-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°	5.5	5.0	4.5	4.0	4.0	3.9	3.9	3.9	3.8	3.8	3.7
5°	10.9	10.0	9.0	8.0	7.9	7.8	7.7	7.6	7.5	7.4	7.2
7.5°	16.3	14.9	13.5	12.0	11.8	11.6	11.5	11.2	11.0	10.8	10.5
10°	21.7	19.8	17.9	16.0	15.7	15.4	15.1	14.7	14.4	14.0	13.8
12.5°	27.0	24.7	22.3	19.9	19.5	19.1	18.6	18.1	17.7	17.4	17.1
15°	32.2	29.5	26.7	23.9	23.4	22.7	22.1	21.5	21.2	20.8	20.4
17.5°	37.4	34.3	31.1	27.9	27.1	26.3	25.5	24.9	24.6	24.1	23.7
20°	42.6	39.0	35.5	31.9	30.9	29.9	28.8	28.4	27.9	27.5	26.9
22.5°	47.9	43.7	39.8	35.9	34.6	33.3	32.3	31.8	31.3	30.7	30.1
25°	60.6	56.1	51.9	47.5	45.7	43.7	42.2	41.0	39.6	38.2	36.6
27.5°	73.9	68.8	64.1	59.2	56.8	54.2	52.4	50.7	48.9	47.0	45.0
30°	87.1	81.5	76.3	70.8	67.8	64.5	62.5	60.3	57.9	55.5	52.9
32.5°	100.2	94.3	88.5	82.4	78.7	75.0	72.3	69.6	66.7	63.6	60.4
35°	113.2	107.0	100.6	94.1	89.6	85.3	82.0	78.6	75.1	71.4	67.5
37.5°	126.2	119.7	112.8	105.7	100.4	95.5	91.6	87.6	83.5	78.8	74.5
40°	139.1	132.3	125.0	117.3	111.2	105.6	101.0	96.3	91.3	86.0	81.2
42.5°	151.9	144.9	137.2	129.0	121.9	115.7	110.5	104.8	99.0	93.1	87.7
45°	164.6	157.4	149.4	140.6	132.6	125.6	119.5	113.2	106.4	99.8	93.9
47.5°	177.1	168.3	158.8	148.5	138.8	130.7	123.6	116.7	109.8	103.6	97.7
50°	190.2	179.2	168.2	156.4	144.9	135.4	127.0	119.0	111.7	105.6	99.2
52.5°	203.6	190.3	177.7	164.3	150.9	139.9	130.2	121.3	113.5	107.8	101.0
55°	217.4	201.6	187.2	172.2	156.8	144.4	133.4	123.7	115.7	110.0	103.3
57.5°	231.6	212.9	196.7	180.0	162.7	148.7	136.4	126.0	118.1	112.3	105.9
60°	246.1	224.4	206.3	187.9	168.5	152.9	139.3	128.4	120.5	114.8	109.1
62.5°	260.9	235.9	215.9	195.8	174.3	157.1	142.1	130.7	123.1	117.6	112.3
65°	275.8	247.5	225.5	203.7	180.1	161.2	144.9	133.2	125.8	120.6	115.9
67.5°	290.9	259.2	235.2	211.6	185.8	165.2	147.7	135.6	128.5	123.8	119.9
70°	294.5	261.9	236.2	211.2	184.6	164.2	146.7	135.0	128.2	123.9	120.8
72.5°	297.0	264.4	237.2	210.7	183.4	163.0	145.5	134.1	127.2	122.8	119.8
75°	299.2	266.8	239.1	210.3	182.3	161.9	144.5	133.3	126.2	121.6	119.0
77.5°	301.1	269.1	239.7	209.8	181.2	161.0	143.6	132.6	125.1	120.6	118.2
80°	302.8	272.4	240.3	209.4	180.2	160.1	142.8	131.9	124.1	119.5	117.4
82.5°	305.1	274.1	240.9	208.9	179.2	159.2	142.1	131.4	123.1	118.5	116.8
85°	305.9	275.9	241.6	208.5	178.2	158.5	141.5	130.9	122.2	117.6	116.2
87.5°	306.7	277.7	242.2	208.0	177.3	157.9	141.0	130.5	121.4	116.7	115.6
90°	307.5	279.5	242.8	207.6	176.5	157.3	140.6	130.2	120.6	115.8	115.0
92.5°	306.7	277.7	242.2	208.0	177.3	157.9	141.0	130.5	121.4	116.7	115.6
95°	305.9	275.9	241.6	208.5	178.2	158.5	141.5	130.9	122.2	117.6	116.2
97.5°	305.1	274.1	240.9	208.9	179.2	159.2	142.1	131.4	123.1	118.5	116.8
100°	302.8	272.4	240.3	209.4	180.2	160.1	142.8	131.9	124.1	119.5	117.4
102.5°	301.1	269.1	239.7	209.8	181.2	161.0	143.6	132.6	125.1	120.6	118.2
105°	299.2	266.8	239.1	210.3	182.3	161.9	144.5	133.3	126.2	121.6	119.0
107.5°	297.0	264.4	237.2	210.7	183.4	163.0	145.5	134.1	127.2	122.8	119.8
110°	294.5	261.9	236.2	211.2	184.6	164.2	146.7	135.0	128.2	123.9	120.8



TEST NUMBER: P231913

CATALOG NUMBER: FVS4WM-2-LD4-35-2STD-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°	290.9	259.2	235.2	211.6	185.8	165.2	147.7	135.6	128.5	123.8	119.9
115°	275.8	247.5	225.5	203.7	180.1	161.2	144.9	133.2	125.8	120.6	115.9
117.5°	260.9	235.9	215.9	195.8	174.3	157.1	142.1	130.7	123.1	117.6	112.3
120°	246.1	224.4	206.3	187.9	168.5	152.9	139.3	128.4	120.5	114.8	109.1
122.5°	231.6	212.9	196.7	180.0	162.7	148.7	136.4	126.0	118.1	112.3	105.9
125°	217.4	201.6	187.2	172.2	156.8	144.4	133.4	123.7	115.7	110.0	103.3
127.5°	203.6	190.3	177.7	164.3	150.9	139.9	130.2	121.3	113.5	107.8	101.0
130°	190.2	179.2	168.2	156.4	144.9	135.4	127.0	119.0	111.7	105.6	99.2
132.5°	177.1	168.3	158.8	148.5	138.8	130.7	123.6	116.7	109.8	103.6	97.7
135°	164.6	157.4	149.4	140.6	132.6	125.6	119.5	113.2	106.4	99.8	93.9
137.5°	151.9	144.9	137.2	129.0	121.9	115.7	110.5	104.8	99.0	93.1	87.7
140°	139.1	132.3	125.0	117.3	111.2	105.6	101.0	96.3	91.3	86.0	81.2
142.5°	126.2	119.7	112.8	105.7	100.4	95.5	91.6	87.6	83.5	78.8	74.5
145°	113.2	107.0	100.6	94.1	89.6	85.3	82.0	78.6	75.1	71.4	67.5
147.5°	100.2	94.3	88.5	82.4	78.7	75.0	72.3	69.6	66.7	63.6	60.4
150°	87.1	81.5	76.3	70.8	67.8	64.5	62.5	60.3	57.9	55.5	52.9
152.5°	73.9	68.8	64.1	59.2	56.8	54.2	52.4	50.7	48.9	47.0	45.0
155°	60.6	56.1	51.9	47.5	45.7	43.7	42.2	41.0	39.6	38.2	36.6
157.5°	47.9	43.7	39.8	35.9	34.6	33.3	32.3	31.8	31.3	30.7	30.1
160°	42.6	39.0	35.5	31.9	30.9	29.9	28.8	28.4	27.9	27.5	26.9
162.5°	37.4	34.3	31.1	27.9	27.1	26.3	25.5	24.9	24.6	24.1	23.7
165°	32.2	29.5	26.7	23.9	23.4	22.7	22.1	21.5	21.2	20.8	20.4
167.5°	27.0	24.7	22.3	19.9	19.5	19.1	18.6	18.1	17.7	17.4	17.1
170°	21.7	19.8	17.9	16.0	15.7	15.4	15.1	14.7	14.4	14.0	13.8
172.5°	16.3	14.9	13.5	12.0	11.8	11.6	11.5	11.2	11.0	10.8	10.5
175°	10.9	10.0	9.0	8.0	7.9	7.8	7.7	7.6	7.5	7.4	7.2
177.5°	5.5	5.0	4.5	4.0	4.0	3.9	3.9	3.9	3.8	3.8	3.7
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231913

CATALOG NUMBER: FVS4WM-2-LD4-35-2STD-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	3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.6
5°	7.0	6.9	6.7	6.5	6.3	6.1	5.9	5.7	5.5	5.3	5.1
7.5°	10.2	10.0	9.8	9.6	9.3	9.1	8.8	8.5	8.2	7.9	7.5
10°	13.6	13.3	13.0	12.7	12.3	11.9	11.6	11.2	10.8	10.3	9.9
12.5°	16.8	16.5	16.1	15.7	15.2	14.8	14.3	13.8	13.3	12.7	12.1
15°	20.0	19.6	19.1	18.6	18.1	17.5	16.9	16.3	15.7	15.0	14.4
17.5°	23.2	22.7	22.1	21.5	20.9	20.2	19.5	18.8	18.1	17.3	16.5
20°	26.3	25.7	25.0	24.3	23.6	22.8	22.0	21.2	20.4	19.5	18.6
22.5°	29.4	28.7	27.9	27.1	26.3	25.4	24.5	23.6	22.6	21.7	20.7
25°	35.0	33.3	31.5	29.9	28.9	28.0	27.0	25.9	24.9	23.8	22.7
27.5°	42.8	40.7	38.6	36.5	34.3	32.2	30.1	28.3	27.1	25.9	24.7
30°	50.2	47.7	45.2	42.5	39.8	37.2	34.8	32.5	30.4	28.3	26.4
32.5°	57.3	54.4	51.1	47.7	44.5	41.5	38.7	36.1	33.6	31.1	28.7
35°	64.1	60.5	56.3	52.3	48.6	45.1	42.0	39.0	36.1	33.4	31.0
37.5°	70.5	65.8	60.8	56.3	52.0	48.3	44.7	41.4	38.3	35.4	32.9
40°	76.4	70.5	65.0	59.7	55.2	50.9	47.0	43.4	40.1	37.2	34.6
42.5°	81.6	74.7	68.6	62.9	57.8	53.3	49.1	45.2	41.7	38.7	36.0
45°	86.3	78.7	71.7	65.7	60.2	55.4	50.8	46.7	43.2	40.1	37.2
47.5°	89.8	82.1	74.7	68.0	62.5	57.2	52.2	48.2	44.5	41.3	38.2
50°	91.5	84.3	77.3	70.8	64.9	58.8	53.7	49.5	45.8	42.2	38.8
52.5°	93.9	86.9	80.0	73.8	67.7	61.7	56.7	51.8	46.8	42.9	39.3
55°	96.6	90.0	83.1	76.9	70.7	65.4	60.7	55.9	50.5	45.0	39.8
57.5°	99.8	93.2	86.6	80.3	74.0	69.6	65.1	59.9	54.0	48.1	42.5
60°	103.4	96.7	90.1	83.8	78.3	74.2	69.8	63.8	57.3	51.0	45.1
62.5°	107.2	100.4	93.9	87.6	83.0	79.1	74.2	67.6	60.5	53.8	47.5
65°	111.0	104.3	97.8	91.6	88.0	84.2	78.4	71.1	63.6	56.5	49.5
67.5°	115.0	108.4	101.9	96.2	93.3	89.6	82.6	74.5	66.6	58.9	51.7
70°	116.5	110.8	105.2	101.0	98.7	94.6	86.8	77.9	69.7	61.2	53.8
72.5°	115.7	110.5	105.3	101.6	99.4	95.4	88.4	80.3	72.5	63.4	55.9
75°	115.2	110.4	105.6	102.2	99.5	94.8	87.9	80.1	72.0	63.9	57.0
77.5°	114.8	110.6	106.0	102.7	99.6	94.5	87.8	80.2	71.8	64.0	57.3
80°	114.6	110.9	106.6	103.2	99.7	94.5	88.2	80.6	72.0	64.5	58.0
82.5°	114.6	111.4	107.3	103.7	99.8	94.7	88.9	81.2	72.5	65.3	59.1
85°	114.7	112.0	108.2	104.2	100.0	95.2	89.9	82.1	73.3	66.4	60.4
87.5°	114.8	112.7	109.2	104.7	100.2	95.8	91.2	83.3	74.4	67.8	62.0
90°	115.0	113.4	110.2	105.4	100.6	96.6	92.6	84.7	75.9	69.5	63.9
92.5°	114.8	112.7	109.2	104.7	100.2	95.8	91.2	83.3	74.4	67.8	62.0
95°	114.7	112.0	108.2	104.2	100.0	95.2	89.9	82.1	73.3	66.4	60.4
97.5°	114.6	111.4	107.3	103.7	99.8	94.7	88.9	81.2	72.5	65.3	59.1
100°	114.6	110.9	106.6	103.2	99.7	94.5	88.2	80.6	72.0	64.5	58.0
102.5°	114.8	110.6	106.0	102.7	99.6	94.5	87.8	80.2	71.8	64.0	57.3
105°	115.2	110.4	105.6	102.2	99.5	94.8	87.9	80.1	72.0	63.9	57.0
107.5°	115.7	110.5	105.3	101.6	99.4	95.4	88.4	80.3	72.5	63.4	55.9
110°	116.5	110.8	105.2	101.0	98.7	94.6	86.8	77.9	69.7	61.2	53.8



TEST NUMBER: P231913

CATALOG NUMBER: FVS4WM-2-LD4-35-2STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	115.0	108.4	101.9	96.2	93.3	89.6	82.6	74.5	66.6	58.9	51.7
115°	111.0	104.3	97.8	91.6	88.0	84.2	78.4	71.1	63.6	56.5	49.5
117.5°	107.2	100.4	93.9	87.6	83.0	79.1	74.2	67.6	60.5	53.8	47.5
120°	103.4	96.7	90.1	83.8	78.3	74.2	69.8	63.8	57.3	51.0	45.1
122.5°	99.8	93.2	86.6	80.3	74.0	69.6	65.1	59.9	54.0	48.1	42.5
125°	96.6	90.0	83.1	76.9	70.7	65.4	60.7	55.9	50.5	45.0	39.8
127.5°	93.9	86.9	80.0	73.8	67.7	61.7	56.7	51.8	46.8	42.9	39.3
130°	91.5	84.3	77.3	70.8	64.9	58.8	53.7	49.5	45.8	42.2	38.8
132.5°	89.8	82.1	74.7	68.0	62.5	57.2	52.2	48.2	44.5	41.3	38.2
135°	86.3	78.7	71.7	65.7	60.2	55.4	50.8	46.7	43.2	40.1	37.2
137.5°	81.6	74.7	68.6	62.9	57.8	53.3	49.1	45.2	41.7	38.7	36.0
140°	76.4	70.5	65.0	59.7	55.2	50.9	47.0	43.4	40.1	37.2	34.6
142.5°	70.5	65.8	60.8	56.3	52.0	48.3	44.7	41.4	38.3	35.4	32.9
145°	64.1	60.5	56.3	52.3	48.6	45.1	42.0	39.0	36.1	33.4	31.0
147.5°	57.3	54.4	51.1	47.7	44.5	41.5	38.7	36.1	33.6	31.1	28.7
150°	50.2	47.7	45.2	42.5	39.8	37.2	34.8	32.5	30.4	28.3	26.4
152.5°	42.8	40.7	38.6	36.5	34.3	32.2	30.1	28.3	27.1	25.9	24.7
155°	35.0	33.3	31.5	29.9	28.9	28.0	27.0	25.9	24.9	23.8	22.7
157.5°	29.4	28.7	27.9	27.1	26.3	25.4	24.5	23.6	22.6	21.7	20.7
160°	26.3	25.7	25.0	24.3	23.6	22.8	22.0	21.2	20.4	19.5	18.6
162.5°	23.2	22.7	22.1	21.5	20.9	20.2	19.5	18.8	18.1	17.3	16.5
165°	20.0	19.6	19.1	18.6	18.1	17.5	16.9	16.3	15.7	15.0	14.4
167.5°	16.8	16.5	16.1	15.7	15.2	14.8	14.3	13.8	13.3	12.7	12.1
170°	13.6	13.3	13.0	12.7	12.3	11.9	11.6	11.2	10.8	10.3	9.9
172.5°	10.2	10.0	9.8	9.6	9.3	9.1	8.8	8.5	8.2	7.9	7.5
175°	7.0	6.9	6.7	6.5	6.3	6.1	5.9	5.7	5.5	5.3	5.1
177.5°	3.6	3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8	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: P231913

CATALOG NUMBER: FVS4WM-2-LD4-35-2STD-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	2.4	2.3	2.1	2.0	1.8	1.7	1.6	1.4	1.3	1.1
5°	4.9	4.6	4.4	4.1	3.8	3.6	3.3	3.0	2.7	2.4	2.1
7.5°	7.2	6.8	6.4	6.1	5.7	5.3	4.9	4.4	4.0	3.6	3.1
10°	9.4	8.9	8.4	7.9	7.4	6.9	6.3	5.8	5.2	4.7	4.1
12.5°	11.6	11.0	10.4	9.7	9.1	8.4	7.8	7.1	6.4	5.7	5.0
15°	13.7	13.0	12.2	11.5	10.7	10.0	9.2	8.4	7.6	6.7	5.9
17.5°	15.7	14.9	14.0	13.2	12.3	11.4	10.5	9.6	8.7	7.7	6.8
20°	17.7	16.8	15.8	14.9	13.9	12.9	11.9	10.8	9.8	8.7	7.6
22.5°	19.7	18.6	17.6	16.5	15.4	14.3	13.1	11.9	10.7	9.5	8.3
25°	21.6	20.4	19.3	18.0	16.7	15.3	14.0	12.7	11.4	10.2	8.9
27.5°	23.5	22.0	20.5	19.0	17.7	16.4	15.1	13.7	12.4	11.0	9.7
30°	24.8	23.2	21.8	20.4	19.0	17.6	16.2	14.7	13.3	11.8	10.4
32.5°	26.6	24.8	23.3	21.8	20.3	18.8	17.3	15.7	14.2	12.6	11.1
35°	28.8	26.8	24.9	23.2	21.6	20.0	18.3	16.7	15.0	13.4	11.7
37.5°	30.6	28.5	26.5	24.6	22.8	21.1	19.4	17.6	15.9	14.1	12.4
40°	32.2	29.9	27.8	25.8	24.0	22.2	20.4	18.6	16.7	14.9	13.0
42.5°	33.5	31.1	28.8	26.7	24.8	23.0	21.3	19.5	17.6	15.6	13.6
45°	34.5	31.9	29.5	27.3	25.2	23.4	21.8	20.3	18.1	15.9	13.7
47.5°	35.2	32.4	29.9	27.5	25.5	23.6	21.8	19.9	18.2	16.0	13.7
50°	35.7	32.7	29.9	27.6	25.5	23.3	21.3	19.5	17.7	16.2	14.2
52.5°	35.8	32.6	30.0	27.5	25.1	22.9	21.0	19.3	17.8	16.2	14.2
55°	35.7	32.7	29.8	27.1	24.8	22.7	21.1	19.3	17.4	15.6	13.8
57.5°	37.3	32.7	29.5	27.0	24.8	23.0	21.0	18.8	17.1	15.3	13.6
60°	39.6	34.7	30.5	27.0	25.1	22.9	20.6	19.0	17.2	15.4	13.5
62.5°	41.7	36.6	32.3	28.7	25.4	22.7	21.2	19.3	17.4	15.3	13.1
65°	43.6	38.4	34.0	30.1	26.4	23.9	21.6	19.6	17.4	15.0	12.6
67.5°	45.5	40.2	35.3	31.1	27.7	24.9	22.2	19.8	17.3	14.6	12.1
70°	47.4	41.6	36.5	32.2	28.6	25.4	22.6	19.7	16.9	14.3	11.5
72.5°	49.2	42.9	37.7	33.2	29.3	25.8	22.6	19.1	16.2	13.6	11.0
75°	50.5	44.2	39.0	34.0	29.9	26.1	22.2	18.5	15.3	12.5	9.6
77.5°	50.9	44.8	39.6	34.7	30.4	26.3	21.6	17.9	14.4	11.0	8.1
80°	51.6	45.6	40.2	35.1	30.5	25.9	21.3	17.3	13.4	9.7	6.5
82.5°	52.6	46.6	40.9	35.6	30.7	25.7	21.1	16.8	12.5	8.5	5.1
85°	53.9	47.8	41.9	36.2	31.1	25.9	21.2	16.4	11.7	7.4	4.1
87.5°	55.5	49.3	43.1	37.1	31.7	26.3	21.6	16.4	11.2	6.7	3.4
90°	57.5	51.1	44.7	38.3	32.7	27.2	22.4	16.8	11.2	6.4	3.2
92.5°	55.5	49.3	43.1	37.1	31.7	26.3	21.6	16.4	11.2	6.7	3.4
95°	53.9	47.8	41.9	36.2	31.1	25.9	21.2	16.4	11.7	7.4	4.1
97.5°	52.6	46.6	40.9	35.6	30.7	25.7	21.1	16.8	12.5	8.5	5.1
100°	51.6	45.6	40.2	35.1	30.5	25.9	21.3	17.3	13.4	9.7	6.5
102.5°	50.9	44.8	39.6	34.7	30.4	26.3	21.6	17.9	14.4	11.0	8.1
105°	50.5	44.2	39.0	34.0	29.9	26.1	22.2	18.5	15.3	12.5	9.6
107.5°	49.2	42.9	37.7	33.2	29.3	25.8	22.6	19.1	16.2	13.6	11.0
110°	47.4	41.6	36.5	32.2	28.6	25.4	22.6	19.7	16.9	14.3	11.5



TEST NUMBER: P231913

CATALOG NUMBER: FVS4WM-2-LD4-35-2STD-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°	45.5	40.2	35.3	31.1	27.7	24.9	22.2	19.8	17.3	14.6	12.1
115°	43.6	38.4	34.0	30.1	26.4	23.9	21.6	19.6	17.4	15.0	12.6
117.5°	41.7	36.6	32.3	28.7	25.4	22.7	21.2	19.3	17.4	15.3	13.1
120°	39.6	34.7	30.5	27.0	25.1	22.9	20.6	19.0	17.2	15.4	13.5
122.5°	37.3	32.7	29.5	27.0	24.8	23.0	21.0	18.8	17.1	15.3	13.6
125°	35.7	32.7	29.8	27.1	24.8	22.7	21.1	19.3	17.4	15.6	13.8
127.5°	35.8	32.6	30.0	27.5	25.1	22.9	21.0	19.3	17.8	16.2	14.2
130°	35.7	32.7	29.9	27.6	25.5	23.3	21.3	19.5	17.7	16.2	14.2
132.5°	35.2	32.4	29.9	27.5	25.5	23.6	21.8	19.9	18.2	16.0	13.7
135°	34.5	31.9	29.5	27.3	25.2	23.4	21.8	20.3	18.1	15.9	13.7
137.5°	33.5	31.1	28.8	26.7	24.8	23.0	21.3	19.5	17.6	15.6	13.6
140°	32.2	29.9	27.8	25.8	24.0	22.2	20.4	18.6	16.7	14.9	13.0
142.5°	30.6	28.5	26.5	24.6	22.8	21.1	19.4	17.6	15.9	14.1	12.4
145°	28.8	26.8	24.9	23.2	21.6	20.0	18.3	16.7	15.0	13.4	11.7
147.5°	26.6	24.8	23.3	21.8	20.3	18.8	17.3	15.7	14.2	12.6	11.1
150°	24.8	23.2	21.8	20.4	19.0	17.6	16.2	14.7	13.3	11.8	10.4
152.5°	23.5	22.0	20.5	19.0	17.7	16.4	15.1	13.7	12.4	11.0	9.7
155°	21.6	20.4	19.3	18.0	16.7	15.3	14.0	12.7	11.4	10.2	8.9
157.5°	19.7	18.6	17.6	16.5	15.4	14.3	13.1	11.9	10.7	9.5	8.3
160°	17.7	16.8	15.8	14.9	13.9	12.9	11.9	10.8	9.8	8.7	7.6
162.5°	15.7	14.9	14.0	13.2	12.3	11.4	10.5	9.6	8.7	7.7	6.8
165°	13.7	13.0	12.2	11.5	10.7	10.0	9.2	8.4	7.6	6.7	5.9
167.5°	11.6	11.0	10.4	9.7	9.1	8.4	7.8	7.1	6.4	5.7	5.0
170°	9.4	8.9	8.4	7.9	7.4	6.9	6.3	5.8	5.2	4.7	4.1
172.5°	7.2	6.8	6.4	6.1	5.7	5.3	4.9	4.4	4.0	3.6	3.1
175°	4.9	4.6	4.4	4.1	3.8	3.6	3.3	3.0	2.7	2.4	2.1
177.5°	2.5	2.4	2.3	2.1	2.0	1.8	1.7	1.6	1.4	1.3	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: P231913

CATALOG NUMBER: FVS4WM-2-LD4-35-2STD-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	2.3	1.8	1.4	0.9	0.5	0.0	0.5	0.9	1.4	1.8
10°	3.5	3.0	2.4	1.8	1.2	0.6	0.0	0.6	1.2	1.8	2.4
12.5°	4.3	3.6	2.9	2.2	1.5	0.7	0.0	0.7	1.5	2.2	2.9
15°	5.1	4.3	3.4	2.6	1.7	0.9	0.0	0.9	1.7	2.6	3.4
17.5°	5.8	4.9	3.9	2.9	2.0	1.0	0.0	1.0	2.0	2.9	3.9
20°	6.6	5.5	4.4	3.3	2.2	1.1	0.0	1.1	2.2	3.3	4.4
22.5°	7.1	5.9	4.7	3.5	2.4	1.2	0.0	1.2	2.4	3.5	4.7
25°	7.7	6.4	5.1	3.9	2.6	1.3	0.0	1.3	2.6	3.9	5.1
27.5°	8.3	6.9	5.5	4.2	2.8	1.4	0.0	1.4	2.8	4.2	5.5
30°	8.9	7.4	5.9	4.5	3.0	1.5	0.0	1.5	3.0	4.5	5.9
32.5°	9.5	7.9	6.3	4.8	3.2	1.6	0.0	1.6	3.2	4.8	6.3
35°	10.1	8.4	6.7	5.0	3.4	1.7	0.0	1.7	3.4	5.0	6.7
37.5°	10.6	8.9	7.1	5.3	3.5	1.8	0.0	1.8	3.5	5.3	7.1
40°	11.2	9.3	7.5	5.6	3.7	1.9	0.0	1.9	3.7	5.6	7.5
42.5°	11.6	9.6	7.6	5.7	3.8	1.9	0.0	1.9	3.8	5.7	7.6
45°	11.6	9.6	7.6	5.7	3.8	1.9	0.0	1.9	3.8	5.7	7.6
47.5°	11.7	9.7	7.8	5.8	3.9	1.9	0.0	1.9	3.9	5.8	7.8
50°	12.1	9.9	7.8	5.8	3.8	1.9	0.0	1.9	3.8	5.8	7.8
52.5°	11.9	9.7	7.7	5.7	3.7	1.9	0.0	1.9	3.7	5.7	7.7
55°	11.7	9.6	7.7	5.7	3.8	1.9	0.0	1.9	3.8	5.7	7.7
57.5°	11.9	9.8	7.7	5.9	4.1	2.5	0.8	2.5	4.1	5.9	7.7
60°	11.5	9.4	7.5	5.6	3.9	2.3	0.8	2.3	3.9	5.6	7.5
62.5°	10.9	8.8	6.9	5.2	3.6	2.2	0.8	2.2	3.6	5.2	6.9
65°	10.3	8.1	6.0	4.3	2.9	1.8	0.8	1.8	2.9	4.3	6.0
67.5°	9.6	7.0	4.6	3.2	2.2	1.5	0.8	1.5	2.2	3.2	4.6
70°	8.7	6.1	3.8	2.2	1.5	1.1	0.8	1.1	1.5	2.2	3.8
72.5°	7.8	5.3	3.0	1.3	0.9	0.8	0.8	0.8	0.9	1.3	3.0
75°	7.2	4.7	2.6	1.2	0.8	0.8	0.8	0.8	0.8	1.2	2.6
77.5°	5.8	4.0	2.0	0.9	0.3	0.1	0.0	0.1	0.3	0.9	2.0
80°	4.1	2.2	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°	4.1	2.2	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
102.5°	5.8	4.0	2.0	0.9	0.3	0.1	0.0	0.1	0.3	0.9	2.0
105°	7.2	4.7	2.6	1.2	0.8	0.8	0.8	0.8	0.8	1.2	2.6
107.5°	7.8	5.3	3.0	1.3	0.9	0.8	0.8	0.8	0.9	1.3	3.0
110°	8.7	6.1	3.8	2.2	1.5	1.1	0.8	1.1	1.5	2.2	3.8



TEST NUMBER: P231913

CATALOG NUMBER: FVS4WM-2-LD4-35-2STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	9.6	7.0	4.6	3.2	2.2	1.5	0.8	1.5	2.2	3.2	4.6
115°	10.3	8.1	6.0	4.3	2.9	1.8	0.8	1.8	2.9	4.3	6.0
117.5°	10.9	8.8	6.9	5.2	3.6	2.2	0.8	2.2	3.6	5.2	6.9
120°	11.5	9.4	7.5	5.6	3.9	2.3	0.8	2.3	3.9	5.6	7.5
122.5°	11.9	9.8	7.7	5.9	4.1	2.5	0.8	2.5	4.1	5.9	7.7
125°	11.7	9.6	7.7	5.7	3.8	1.9	0.0	1.9	3.8	5.7	7.7
127.5°	11.9	9.7	7.7	5.7	3.7	1.9	0.0	1.9	3.7	5.7	7.7
130°	12.1	9.9	7.8	5.8	3.8	1.9	0.0	1.9	3.8	5.8	7.8
132.5°	11.7	9.7	7.8	5.8	3.9	1.9	0.0	1.9	3.9	5.8	7.8
135°	11.6	9.6	7.6	5.7	3.8	1.9	0.0	1.9	3.8	5.7	7.6
137.5°	11.6	9.6	7.6	5.7	3.8	1.9	0.0	1.9	3.8	5.7	7.6
140°	11.2	9.3	7.5	5.6	3.7	1.9	0.0	1.9	3.7	5.6	7.5
142.5°	10.6	8.9	7.1	5.3	3.5	1.8	0.0	1.8	3.5	5.3	7.1
145°	10.1	8.4	6.7	5.0	3.4	1.7	0.0	1.7	3.4	5.0	6.7
147.5°	9.5	7.9	6.3	4.8	3.2	1.6	0.0	1.6	3.2	4.8	6.3
150°	8.9	7.4	5.9	4.5	3.0	1.5	0.0	1.5	3.0	4.5	5.9
152.5°	8.3	6.9	5.5	4.2	2.8	1.4	0.0	1.4	2.8	4.2	5.5
155°	7.7	6.4	5.1	3.9	2.6	1.3	0.0	1.3	2.6	3.9	5.1
157.5°	7.1	5.9	4.7	3.5	2.4	1.2	0.0	1.2	2.4	3.5	4.7
160°	6.6	5.5	4.4	3.3	2.2	1.1	0.0	1.1	2.2	3.3	4.4
162.5°	5.8	4.9	3.9	2.9	2.0	1.0	0.0	1.0	2.0	2.9	3.9
165°	5.1	4.3	3.4	2.6	1.7	0.9	0.0	0.9	1.7	2.6	3.4
167.5°	4.3	3.6	2.9	2.2	1.5	0.7	0.0	0.7	1.5	2.2	2.9
170°	3.5	3.0	2.4	1.8	1.2	0.6	0.0	0.6	1.2	1.8	2.4
172.5°	2.7	2.3	1.8	1.4	0.9	0.5	0.0	0.5	0.9	1.4	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: P231913

CATALOG NUMBER: FVS4WM-2-LD4-35-2STD-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	1.3	1.4	1.6	1.7	1.8	2.0	2.1	2.3
5°	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.6	3.8	4.1	4.4
7.5°	2.3	2.7	3.1	3.6	4.0	4.4	4.9	5.3	5.7	6.1	6.4
10°	3.0	3.5	4.1	4.7	5.2	5.8	6.3	6.9	7.4	7.9	8.4
12.5°	3.6	4.3	5.0	5.7	6.4	7.1	7.8	8.4	9.1	9.7	10.4
15°	4.3	5.1	5.9	6.7	7.6	8.4	9.2	10.0	10.7	11.5	12.2
17.5°	4.9	5.8	6.8	7.7	8.7	9.6	10.5	11.4	12.3	13.2	14.0
20°	5.5	6.6	7.6	8.7	9.8	10.8	11.9	12.9	13.9	14.9	15.8
22.5°	5.9	7.1	8.3	9.5	10.7	11.9	13.1	14.3	15.4	16.5	17.6
25°	6.4	7.7	8.9	10.2	11.4	12.7	14.0	15.3	16.7	18.0	19.3
27.5°	6.9	8.3	9.7	11.0	12.4	13.7	15.1	16.4	17.7	19.0	20.5
30°	7.4	8.9	10.4	11.8	13.3	14.7	16.2	17.6	19.0	20.4	21.8
32.5°	7.9	9.5	11.1	12.6	14.2	15.7	17.3	18.8	20.3	21.8	23.3
35°	8.4	10.1	11.7	13.4	15.0	16.7	18.3	20.0	21.6	23.2	24.9
37.5°	8.9	10.6	12.4	14.1	15.9	17.6	19.4	21.1	22.8	24.6	26.5
40°	9.3	11.2	13.0	14.9	16.7	18.6	20.4	22.2	24.0	25.8	27.8
42.5°	9.6	11.6	13.6	15.6	17.6	19.5	21.3	23.0	24.8	26.7	28.8
45°	9.6	11.6	13.7	15.9	18.1	20.3	21.8	23.4	25.2	27.3	29.5
47.5°	9.7	11.7	13.7	16.0	18.2	19.9	21.8	23.6	25.5	27.5	29.9
50°	9.9	12.1	14.2	16.2	17.7	19.5	21.3	23.3	25.5	27.6	29.9
52.5°	9.7	11.9	14.2	16.2	17.8	19.3	21.0	22.9	25.1	27.5	30.0
55°	9.6	11.7	13.8	15.6	17.4	19.3	21.1	22.7	24.8	27.1	29.8
57.5°	9.8	11.9	13.6	15.3	17.1	18.8	21.0	23.0	24.8	27.0	29.5
60°	9.4	11.5	13.5	15.4	17.2	19.0	20.6	22.9	25.1	27.0	30.5
62.5°	8.8	10.9	13.1	15.3	17.4	19.3	21.2	22.7	25.4	28.7	32.3
65°	8.1	10.3	12.6	15.0	17.4	19.6	21.6	23.9	26.4	30.1	34.0
67.5°	7.0	9.6	12.1	14.6	17.3	19.8	22.2	24.9	27.7	31.1	35.3
70°	6.1	8.7	11.5	14.3	16.9	19.7	22.6	25.4	28.6	32.2	36.5
72.5°	5.3	7.8	11.0	13.6	16.2	19.1	22.6	25.8	29.3	33.2	37.7
75°	4.7	7.2	9.6	12.5	15.3	18.5	22.2	26.1	29.9	34.0	39.0
77.5°	4.0	5.8	8.1	11.0	14.4	17.9	21.6	26.3	30.4	34.7	39.6
80°	2.2	4.1	6.5	9.7	13.4	17.3	21.3	25.9	30.5	35.1	40.2
82.5°	0.5	2.4	5.1	8.5	12.5	16.8	21.1	25.7	30.7	35.6	40.9
85°	0.0	1.0	4.1	7.4	11.7	16.4	21.2	25.9	31.1	36.2	41.9
87.5°	0.0	0.3	3.4	6.7	11.2	16.4	21.6	26.3	31.7	37.1	43.1
90°	0.0	0.0	3.2	6.4	11.2	16.8	22.4	27.2	32.7	38.3	44.7
92.5°	0.0	0.3	3.4	6.7	11.2	16.4	21.6	26.3	31.7	37.1	43.1
95°	0.0	1.0	4.1	7.4	11.7	16.4	21.2	25.9	31.1	36.2	41.9
97.5°	0.5	2.4	5.1	8.5	12.5	16.8	21.1	25.7	30.7	35.6	40.9
100°	2.2	4.1	6.5	9.7	13.4	17.3	21.3	25.9	30.5	35.1	40.2
102.5°	4.0	5.8	8.1	11.0	14.4	17.9	21.6	26.3	30.4	34.7	39.6
105°	4.7	7.2	9.6	12.5	15.3	18.5	22.2	26.1	29.9	34.0	39.0
107.5°	5.3	7.8	11.0	13.6	16.2	19.1	22.6	25.8	29.3	33.2	37.7
110°	6.1	8.7	11.5	14.3	16.9	19.7	22.6	25.4	28.6	32.2	36.5



TEST NUMBER: P231913

CATALOG NUMBER: FVS4WM-2-LD4-35-2STD-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°	7.0	9.6	12.1	14.6	17.3	19.8	22.2	24.9	27.7	31.1	35.3
115°	8.1	10.3	12.6	15.0	17.4	19.6	21.6	23.9	26.4	30.1	34.0
117.5°	8.8	10.9	13.1	15.3	17.4	19.3	21.2	22.7	25.4	28.7	32.3
120°	9.4	11.5	13.5	15.4	17.2	19.0	20.6	22.9	25.1	27.0	30.5
122.5°	9.8	11.9	13.6	15.3	17.1	18.8	21.0	23.0	24.8	27.0	29.5
125°	9.6	11.7	13.8	15.6	17.4	19.3	21.1	22.7	24.8	27.1	29.8
127.5°	9.7	11.9	14.2	16.2	17.8	19.3	21.0	22.9	25.1	27.5	30.0
130°	9.9	12.1	14.2	16.2	17.7	19.5	21.3	23.3	25.5	27.6	29.9
132.5°	9.7	11.7	13.7	16.0	18.2	19.9	21.8	23.6	25.5	27.5	29.9
135°	9.6	11.6	13.7	15.9	18.1	20.3	21.8	23.4	25.2	27.3	29.5
137.5°	9.6	11.6	13.6	15.6	17.6	19.5	21.3	23.0	24.8	26.7	28.8
140°	9.3	11.2	13.0	14.9	16.7	18.6	20.4	22.2	24.0	25.8	27.8
142.5°	8.9	10.6	12.4	14.1	15.9	17.6	19.4	21.1	22.8	24.6	26.5
145°	8.4	10.1	11.7	13.4	15.0	16.7	18.3	20.0	21.6	23.2	24.9
147.5°	7.9	9.5	11.1	12.6	14.2	15.7	17.3	18.8	20.3	21.8	23.3
150°	7.4	8.9	10.4	11.8	13.3	14.7	16.2	17.6	19.0	20.4	21.8
152.5°	6.9	8.3	9.7	11.0	12.4	13.7	15.1	16.4	17.7	19.0	20.5
155°	6.4	7.7	8.9	10.2	11.4	12.7	14.0	15.3	16.7	18.0	19.3
157.5°	5.9	7.1	8.3	9.5	10.7	11.9	13.1	14.3	15.4	16.5	17.6
160°	5.5	6.6	7.6	8.7	9.8	10.8	11.9	12.9	13.9	14.9	15.8
162.5°	4.9	5.8	6.8	7.7	8.7	9.6	10.5	11.4	12.3	13.2	14.0
165°	4.3	5.1	5.9	6.7	7.6	8.4	9.2	10.0	10.7	11.5	12.2
167.5°	3.6	4.3	5.0	5.7	6.4	7.1	7.8	8.4	9.1	9.7	10.4
170°	3.0	3.5	4.1	4.7	5.2	5.8	6.3	6.9	7.4	7.9	8.4
172.5°	2.3	2.7	3.1	3.6	4.0	4.4	4.9	5.3	5.7	6.1	6.4
175°	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.6	3.8	4.1	4.4
177.5°	0.8	0.9	1.1	1.3	1.4	1.6	1.7	1.8	2.0	2.1	2.3
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231913

CATALOG NUMBER: FVS4WM-2-LD4-35-2STD-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°	2.4	2.5	2.6	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.5
5°	4.6	4.9	5.1	5.3	5.5	5.7	5.9	6.1	6.3	6.5	6.7
7.5°	6.8	7.2	7.5	7.9	8.2	8.5	8.8	9.1	9.3	9.6	9.8
10°	8.9	9.4	9.9	10.3	10.8	11.2	11.6	11.9	12.3	12.7	13.0
12.5°	11.0	11.6	12.1	12.7	13.3	13.8	14.3	14.8	15.2	15.7	16.1
15°	13.0	13.7	14.4	15.0	15.7	16.3	16.9	17.5	18.1	18.6	19.1
17.5°	14.9	15.7	16.5	17.3	18.1	18.8	19.5	20.2	20.9	21.5	22.1
20°	16.8	17.7	18.6	19.5	20.4	21.2	22.0	22.8	23.6	24.3	25.0
22.5°	18.6	19.7	20.7	21.7	22.6	23.6	24.5	25.4	26.3	27.1	27.9
25°	20.4	21.6	22.7	23.8	24.9	25.9	27.0	28.0	28.9	29.9	31.5
27.5°	22.0	23.5	24.7	25.9	27.1	28.3	30.1	32.2	34.3	36.5	38.6
30°	23.2	24.8	26.4	28.3	30.4	32.5	34.8	37.2	39.8	42.5	45.2
32.5°	24.8	26.6	28.7	31.1	33.6	36.1	38.7	41.5	44.5	47.7	51.1
35°	26.8	28.8	31.0	33.4	36.1	39.0	42.0	45.1	48.6	52.3	56.3
37.5°	28.5	30.6	32.9	35.4	38.3	41.4	44.7	48.3	52.0	56.3	60.8
40°	29.9	32.2	34.6	37.2	40.1	43.4	47.0	50.9	55.2	59.7	65.0
42.5°	31.1	33.5	36.0	38.7	41.7	45.2	49.1	53.3	57.8	62.9	68.6
45°	31.9	34.5	37.2	40.1	43.2	46.7	50.8	55.4	60.2	65.7	71.7
47.5°	32.4	35.2	38.2	41.3	44.5	48.2	52.2	57.2	62.5	68.0	74.7
50°	32.7	35.7	38.8	42.2	45.8	49.5	53.7	58.8	64.9	70.8	77.3
52.5°	32.6	35.8	39.3	42.9	46.8	51.8	56.7	61.7	67.7	73.8	80.0
55°	32.7	35.7	39.8	45.0	50.5	55.9	60.7	65.4	70.7	76.9	83.1
57.5°	32.7	37.3	42.5	48.1	54.0	59.9	65.1	69.6	74.0	80.3	86.6
60°	34.7	39.6	45.1	51.0	57.3	63.8	69.8	74.2	78.3	83.8	90.1
62.5°	36.6	41.7	47.5	53.8	60.5	67.6	74.2	79.1	83.0	87.6	93.9
65°	38.4	43.6	49.5	56.5	63.6	71.1	78.4	84.2	88.0	91.6	97.8
67.5°	40.2	45.5	51.7	58.9	66.6	74.5	82.6	89.6	93.3	96.2	101.9
70°	41.6	47.4	53.8	61.2	69.7	77.9	86.8	94.6	98.7	101.0	105.2
72.5°	42.9	49.2	55.9	63.4	72.5	80.3	88.4	95.4	99.4	101.6	105.3
75°	44.2	50.5	57.0	63.9	72.0	80.1	87.9	94.8	99.5	102.2	105.6
77.5°	44.8	50.9	57.3	64.0	71.8	80.2	87.8	94.5	99.6	102.7	106.0
80°	45.6	51.6	58.0	64.5	72.0	80.6	88.2	94.5	99.7	103.2	106.6
82.5°	46.6	52.6	59.1	65.3	72.5	81.2	88.9	94.7	99.8	103.7	107.3
85°	47.8	53.9	60.4	66.4	73.3	82.1	89.9	95.2	100.0	104.2	108.2
87.5°	49.3	55.5	62.0	67.8	74.4	83.3	91.2	95.8	100.2	104.7	109.2
90°	51.1	57.5	63.9	69.5	75.9	84.7	92.6	96.6	100.6	105.4	110.2
92.5°	49.3	55.5	62.0	67.8	74.4	83.3	91.2	95.8	100.2	104.7	109.2
95°	47.8	53.9	60.4	66.4	73.3	82.1	89.9	95.2	100.0	104.2	108.2
97.5°	46.6	52.6	59.1	65.3	72.5	81.2	88.9	94.7	99.8	103.7	107.3
100°	45.6	51.6	58.0	64.5	72.0	80.6	88.2	94.5	99.7	103.2	106.6
102.5°	44.8	50.9	57.3	64.0	71.8	80.2	87.8	94.5	99.6	102.7	106.0
105°	44.2	50.5	57.0	63.9	72.0	80.1	87.9	94.8	99.5	102.2	105.6
107.5°	42.9	49.2	55.9	63.4	72.5	80.3	88.4	95.4	99.4	101.6	105.3
110°	41.6	47.4	53.8	61.2	69.7	77.9	86.8	94.6	98.7	101.0	105.2



TEST NUMBER: P231913

CATALOG NUMBER: FVS4WM-2-LD4-35-2STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	40.2	45.5	51.7	58.9	66.6	74.5	82.6	89.6	93.3	96.2	101.9
115°	38.4	43.6	49.5	56.5	63.6	71.1	78.4	84.2	88.0	91.6	97.8
117.5°	36.6	41.7	47.5	53.8	60.5	67.6	74.2	79.1	83.0	87.6	93.9
120°	34.7	39.6	45.1	51.0	57.3	63.8	69.8	74.2	78.3	83.8	90.1
122.5°	32.7	37.3	42.5	48.1	54.0	59.9	65.1	69.6	74.0	80.3	86.6
125°	32.7	35.7	39.8	45.0	50.5	55.9	60.7	65.4	70.7	76.9	83.1
127.5°	32.6	35.8	39.3	42.9	46.8	51.8	56.7	61.7	67.7	73.8	80.0
130°	32.7	35.7	38.8	42.2	45.8	49.5	53.7	58.8	64.9	70.8	77.3
132.5°	32.4	35.2	38.2	41.3	44.5	48.2	52.2	57.2	62.5	68.0	74.7
135°	31.9	34.5	37.2	40.1	43.2	46.7	50.8	55.4	60.2	65.7	71.7
137.5°	31.1	33.5	36.0	38.7	41.7	45.2	49.1	53.3	57.8	62.9	68.6
140°	29.9	32.2	34.6	37.2	40.1	43.4	47.0	50.9	55.2	59.7	65.0
142.5°	28.5	30.6	32.9	35.4	38.3	41.4	44.7	48.3	52.0	56.3	60.8
145°	26.8	28.8	31.0	33.4	36.1	39.0	42.0	45.1	48.6	52.3	56.3
147.5°	24.8	26.6	28.7	31.1	33.6	36.1	38.7	41.5	44.5	47.7	51.1
150°	23.2	24.8	26.4	28.3	30.4	32.5	34.8	37.2	39.8	42.5	45.2
152.5°	22.0	23.5	24.7	25.9	27.1	28.3	30.1	32.2	34.3	36.5	38.6
155°	20.4	21.6	22.7	23.8	24.9	25.9	27.0	28.0	28.9	29.9	31.5
157.5°	18.6	19.7	20.7	21.7	22.6	23.6	24.5	25.4	26.3	27.1	27.9
160°	16.8	17.7	18.6	19.5	20.4	21.2	22.0	22.8	23.6	24.3	25.0
162.5°	14.9	15.7	16.5	17.3	18.1	18.8	19.5	20.2	20.9	21.5	22.1
165°	13.0	13.7	14.4	15.0	15.7	16.3	16.9	17.5	18.1	18.6	19.1
167.5°	11.0	11.6	12.1	12.7	13.3	13.8	14.3	14.8	15.2	15.7	16.1
170°	8.9	9.4	9.9	10.3	10.8	11.2	11.6	11.9	12.3	12.7	13.0
172.5°	6.8	7.2	7.5	7.9	8.2	8.5	8.8	9.1	9.3	9.6	9.8
175°	4.6	4.9	5.1	5.3	5.5	5.7	5.9	6.1	6.3	6.5	6.7
177.5°	2.4	2.5	2.6	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.5
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231913

CATALOG NUMBER: FVS4WM-2-LD4-35-2STD-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°	3.6	3.6	3.7	3.8	3.8	3.9	3.9	3.9	4.0	4.0	4.5
5°	6.9	7.0	7.2	7.4	7.5	7.6	7.7	7.8	7.9	8.0	9.0
7.5°	10.0	10.2	10.5	10.8	11.0	11.2	11.5	11.6	11.8	12.0	13.5
10°	13.3	13.6	13.8	14.0	14.4	14.7	15.1	15.4	15.7	16.0	17.9
12.5°	16.5	16.8	17.1	17.4	17.7	18.1	18.6	19.1	19.5	19.9	22.3
15°	19.6	20.0	20.4	20.8	21.2	21.5	22.1	22.7	23.4	23.9	26.7
17.5°	22.7	23.2	23.7	24.1	24.6	24.9	25.5	26.3	27.1	27.9	31.1
20°	25.7	26.3	26.9	27.5	27.9	28.4	28.8	29.9	30.9	31.9	35.5
22.5°	28.7	29.4	30.1	30.7	31.3	31.8	32.3	33.3	34.6	35.9	39.8
25°	33.3	35.0	36.6	38.2	39.6	41.0	42.2	43.7	45.7	47.5	51.9
27.5°	40.7	42.8	45.0	47.0	48.9	50.7	52.4	54.2	56.8	59.2	64.1
30°	47.7	50.2	52.9	55.5	57.9	60.3	62.5	64.5	67.8	70.8	76.3
32.5°	54.4	57.3	60.4	63.6	66.7	69.6	72.3	75.0	78.7	82.4	88.5
35°	60.5	64.1	67.5	71.4	75.1	78.6	82.0	85.3	89.6	94.1	100.6
37.5°	65.8	70.5	74.5	78.8	83.5	87.6	91.6	95.5	100.4	105.7	112.8
40°	70.5	76.4	81.2	86.0	91.3	96.3	101.0	105.6	111.2	117.3	125.0
42.5°	74.7	81.6	87.7	93.1	99.0	104.8	110.5	115.7	121.9	129.0	137.2
45°	78.7	86.3	93.9	99.8	106.4	113.2	119.5	125.6	132.6	140.6	149.4
47.5°	82.1	89.8	97.7	103.6	109.8	116.7	123.6	130.7	138.8	148.5	158.8
50°	84.3	91.5	99.2	105.6	111.7	119.0	127.0	135.4	144.9	156.4	168.2
52.5°	86.9	93.9	101.0	107.8	113.5	121.3	130.2	139.9	150.9	164.3	177.7
55°	90.0	96.6	103.3	110.0	115.7	123.7	133.4	144.4	156.8	172.2	187.2
57.5°	93.2	99.8	105.9	112.3	118.1	126.0	136.4	148.7	162.7	180.0	196.7
60°	96.7	103.4	109.1	114.8	120.5	128.4	139.3	152.9	168.5	187.9	206.3
62.5°	100.4	107.2	112.3	117.6	123.1	130.7	142.1	157.1	174.3	195.8	215.9
65°	104.3	111.0	115.9	120.6	125.8	133.2	144.9	161.2	180.1	203.7	225.5
67.5°	108.4	115.0	119.9	123.8	128.5	135.6	147.7	165.2	185.8	211.6	235.2
70°	110.8	116.5	120.8	123.9	128.2	135.0	146.7	164.2	184.6	211.2	236.2
72.5°	110.5	115.7	119.8	122.8	127.2	134.1	145.5	163.0	183.4	210.7	237.2
75°	110.4	115.2	119.0	121.6	126.2	133.3	144.5	161.9	182.3	210.3	239.1
77.5°	110.6	114.8	118.2	120.6	125.1	132.6	143.6	161.0	181.2	209.8	239.7
80°	110.9	114.6	117.4	119.5	124.1	131.9	142.8	160.1	180.2	209.4	240.3
82.5°	111.4	114.6	116.8	118.5	123.1	131.4	142.1	159.2	179.2	208.9	240.9
85°	112.0	114.7	116.2	117.6	122.2	130.9	141.5	158.5	178.2	208.5	241.6
87.5°	112.7	114.8	115.6	116.7	121.4	130.5	141.0	157.9	177.3	208.0	242.2
90°	113.4	115.0	115.0	115.8	120.6	130.2	140.6	157.3	176.5	207.6	242.8
92.5°	112.7	114.8	115.6	116.7	121.4	130.5	141.0	157.9	177.3	208.0	242.2
95°	112.0	114.7	116.2	117.6	122.2	130.9	141.5	158.5	178.2	208.5	241.6
97.5°	111.4	114.6	116.8	118.5	123.1	131.4	142.1	159.2	179.2	208.9	240.9
100°	110.9	114.6	117.4	119.5	124.1	131.9	142.8	160.1	180.2	209.4	240.3
102.5°	110.6	114.8	118.2	120.6	125.1	132.6	143.6	161.0	181.2	209.8	239.7
105°	110.4	115.2	119.0	121.6	126.2	133.3	144.5	161.9	182.3	210.3	239.1
107.5°	110.5	115.7	119.8	122.8	127.2	134.1	145.5	163.0	183.4	210.7	237.2
110°	110.8	116.5	120.8	123.9	128.2	135.0	146.7	164.2	184.6	211.2	236.2



TEST NUMBER: P231913

CATALOG NUMBER: FVS4WM-2-LD4-35-2STD-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°	108.4	115.0	119.9	123.8	128.5	135.6	147.7	165.2	185.8	211.6	235.2
115°	104.3	111.0	115.9	120.6	125.8	133.2	144.9	161.2	180.1	203.7	225.5
117.5°	100.4	107.2	112.3	117.6	123.1	130.7	142.1	157.1	174.3	195.8	215.9
120°	96.7	103.4	109.1	114.8	120.5	128.4	139.3	152.9	168.5	187.9	206.3
122.5°	93.2	99.8	105.9	112.3	118.1	126.0	136.4	148.7	162.7	180.0	196.7
125°	90.0	96.6	103.3	110.0	115.7	123.7	133.4	144.4	156.8	172.2	187.2
127.5°	86.9	93.9	101.0	107.8	113.5	121.3	130.2	139.9	150.9	164.3	177.7
130°	84.3	91.5	99.2	105.6	111.7	119.0	127.0	135.4	144.9	156.4	168.2
132.5°	82.1	89.8	97.7	103.6	109.8	116.7	123.6	130.7	138.8	148.5	158.8
135°	78.7	86.3	93.9	99.8	106.4	113.2	119.5	125.6	132.6	140.6	149.4
137.5°	74.7	81.6	87.7	93.1	99.0	104.8	110.5	115.7	121.9	129.0	137.2
140°	70.5	76.4	81.2	86.0	91.3	96.3	101.0	105.6	111.2	117.3	125.0
142.5°	65.8	70.5	74.5	78.8	83.5	87.6	91.6	95.5	100.4	105.7	112.8
145°	60.5	64.1	67.5	71.4	75.1	78.6	82.0	85.3	89.6	94.1	100.6
147.5°	54.4	57.3	60.4	63.6	66.7	69.6	72.3	75.0	78.7	82.4	88.5
150°	47.7	50.2	52.9	55.5	57.9	60.3	62.5	64.5	67.8	70.8	76.3
152.5°	40.7	42.8	45.0	47.0	48.9	50.7	52.4	54.2	56.8	59.2	64.1
155°	33.3	35.0	36.6	38.2	39.6	41.0	42.2	43.7	45.7	47.5	51.9
157.5°	28.7	29.4	30.1	30.7	31.3	31.8	32.3	33.3	34.6	35.9	39.8
160°	25.7	26.3	26.9	27.5	27.9	28.4	28.8	29.9	30.9	31.9	35.5
162.5°	22.7	23.2	23.7	24.1	24.6	24.9	25.5	26.3	27.1	27.9	31.1
165°	19.6	20.0	20.4	20.8	21.2	21.5	22.1	22.7	23.4	23.9	26.7
167.5°	16.5	16.8	17.1	17.4	17.7	18.1	18.6	19.1	19.5	19.9	22.3
170°	13.3	13.6	13.8	14.0	14.4	14.7	15.1	15.4	15.7	16.0	17.9
172.5°	10.0	10.2	10.5	10.8	11.0	11.2	11.5	11.6	11.8	12.0	13.5
175°	6.9	7.0	7.2	7.4	7.5	7.6	7.7	7.8	7.9	8.0	9.0
177.5°	3.6	3.6	3.7	3.8	3.8	3.9	3.9	3.9	4.0	4.0	4.5
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231913

CATALOG NUMBER: FVS4WM-2-LD4-35-2STD-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°	5.0	5.5	6.0	6.5	6.9	7.4	7.8	8.2	8.6	9.0	9.4
5°	10.0	10.9	11.9	12.8	13.7	14.6	15.5	16.3	17.1	17.9	18.6
7.5°	14.9	16.3	17.7	19.1	20.5	21.8	23.1	24.9	26.6	28.3	29.9
10°	19.8	21.7	23.5	25.3	27.2	29.6	32.0	34.3	36.5	38.7	40.9
12.5°	24.7	27.0	29.2	31.7	34.7	37.6	40.4	43.2	45.7	47.8	49.8
15°	29.5	32.2	35.0	38.5	41.9	45.2	48.5	51.3	54.0	56.6	59.4
17.5°	34.3	37.4	41.0	44.9	48.8	52.5	56.0	59.4	62.7	66.0	69.2
20°	39.0	42.6	46.9	51.2	55.4	59.7	63.8	67.8	71.9	75.8	79.6
22.5°	43.7	47.9	52.6	57.2	62.1	67.0	71.8	76.7	81.4	85.8	89.8
25°	56.1	60.6	65.2	69.8	74.5	79.0	83.6	88.0	92.0	95.8	100.4
27.5°	68.8	73.9	78.8	83.9	88.9	93.9	98.8	103.5	107.7	111.7	115.3
30°	81.5	87.1	92.5	97.9	103.5	108.6	113.9	118.7	123.2	127.3	131.1
32.5°	94.3	100.2	105.9	111.6	117.3	123.1	128.5	133.6	138.2	142.5	145.3
35°	107.0	113.2	119.2	125.1	131.3	137.7	142.9	148.2	152.9	156.6	158.0
37.5°	119.7	126.2	132.4	138.5	145.0	151.3	157.2	162.4	167.6	168.8	169.9
40°	132.3	139.1	145.5	151.9	158.6	165.0	171.1	176.2	179.4	180.7	180.4
42.5°	144.9	151.9	158.3	165.1	172.0	178.6	184.5	189.8	191.0	191.4	190.8
45°	157.4	164.6	171.1	178.1	185.2	192.0	197.7	201.2	202.2	201.8	201.2
47.5°	168.3	177.1	185.7	194.5	202.7	209.5	214.0	213.7	212.6	212.1	211.3
50°	179.2	190.2	201.4	212.9	223.8	232.9	239.4	240.6	239.8	236.3	230.1
52.5°	190.3	203.6	217.7	232.1	246.0	257.4	265.3	269.3	272.2	270.4	265.4
55°	201.6	217.4	234.6	252.0	269.1	282.8	292.6	300.3	306.6	306.3	299.7
57.5°	212.9	231.6	252.0	272.6	292.9	309.1	321.2	333.5	341.8	341.9	333.2
60°	224.4	246.1	269.7	293.8	316.9	336.1	351.0	368.7	378.3	375.9	365.2
62.5°	235.9	260.9	287.9	315.4	341.5	363.4	382.4	405.7	416.0	409.2	395.1
65°	247.5	275.8	306.2	337.5	366.6	391.5	415.7	442.4	454.5	442.1	423.0
67.5°	259.2	290.9	324.8	359.9	392.0	420.2	450.1	478.9	488.3	473.3	449.4
70°	261.9	294.5	329.0	366.1	400.8	433.2	470.4	504.1	515.3	501.0	478.1
72.5°	264.4	297.0	330.6	368.1	402.8	436.3	475.9	510.1	521.9	512.6	498.4
75°	266.8	299.2	331.9	369.6	404.4	439.1	480.9	516.6	530.6	527.2	517.8
77.5°	269.1	301.1	332.7	370.7	405.6	441.6	485.2	523.2	541.0	544.4	537.3
80°	272.4	302.8	333.2	371.5	406.5	443.8	488.9	529.8	552.7	563.6	556.9
82.5°	274.1	305.1	334.4	371.8	406.9	445.6	491.9	536.3	565.2	584.2	576.7
85°	275.9	305.9	333.6	372.5	407.7	448.0	495.8	544.2	578.0	605.6	596.6
87.5°	277.7	306.7	332.9	371.5	406.7	448.0	496.2	548.4	591.2	627.7	616.7
90°	279.5	307.5	332.2	370.5	405.7	448.0	496.7	552.6	602.9	648.5	637.3
92.5°	277.7	306.7	332.9	371.5	406.7	448.0	496.2	548.4	591.2	627.7	616.7
95°	275.9	305.9	333.6	372.5	407.7	448.0	495.8	544.2	578.0	605.6	596.6
97.5°	274.1	305.1	334.4	371.8	406.9	445.6	491.9	536.3	565.2	584.2	576.7
100°	272.4	302.8	333.2	371.5	406.5	443.8	488.9	529.8	552.7	563.6	556.9
102.5°	269.1	301.1	332.7	370.7	405.6	441.6	485.2	523.2	541.0	544.4	537.3
105°	266.8	299.2	331.9	369.6	404.4	439.1	480.9	516.6	530.6	527.2	517.8
107.5°	264.4	297.0	330.6	368.1	402.8	436.3	475.9	510.1	521.9	512.6	498.4
110°	261.9	294.5	329.0	366.1	400.8	433.2	470.4	504.1	515.3	501.0	478.1



TEST NUMBER: P231913

CATALOG NUMBER: FVS4WM-2-LD4-35-2STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	259.2	290.9	324.8	359.9	392.0	420.2	450.1	478.9	488.3	473.3	449.4
115°	247.5	275.8	306.2	337.5	366.6	391.5	415.7	442.4	454.5	442.1	423.0
117.5°	235.9	260.9	287.9	315.4	341.5	363.4	382.4	405.7	416.0	409.2	395.1
120°	224.4	246.1	269.7	293.8	316.9	336.1	351.0	368.7	378.3	375.9	365.2
122.5°	212.9	231.6	252.0	272.6	292.9	309.1	321.2	333.5	341.8	341.9	333.2
125°	201.6	217.4	234.6	252.0	269.1	282.8	292.6	300.3	306.6	306.3	299.7
127.5°	190.3	203.6	217.7	232.1	246.0	257.4	265.3	269.3	272.2	270.4	265.4
130°	179.2	190.2	201.4	212.9	223.8	232.9	239.4	240.6	239.8	236.3	230.1
132.5°	168.3	177.1	185.7	194.5	202.7	209.5	214.0	213.7	212.6	212.1	211.3
135°	157.4	164.6	171.1	178.1	185.2	192.0	197.7	201.2	202.2	201.8	201.2
137.5°	144.9	151.9	158.3	165.1	172.0	178.6	184.5	189.8	191.0	191.4	190.8
140°	132.3	139.1	145.5	151.9	158.6	165.0	171.1	176.2	179.4	180.7	180.4
142.5°	119.7	126.2	132.4	138.5	145.0	151.3	157.2	162.4	167.6	168.8	169.9
145°	107.0	113.2	119.2	125.1	131.3	137.7	142.9	148.2	152.9	156.6	158.0
147.5°	94.3	100.2	105.9	111.6	117.3	123.1	128.5	133.6	138.2	142.5	145.3
150°	81.5	87.1	92.5	97.9	103.5	108.6	113.9	118.7	123.2	127.3	131.1
152.5°	68.8	73.9	78.8	83.9	88.9	93.9	98.8	103.5	107.7	111.7	115.3
155°	56.1	60.6	65.2	69.8	74.5	79.0	83.6	88.0	92.0	95.8	100.4
157.5°	43.7	47.9	52.6	57.2	62.1	67.0	71.8	76.7	81.4	85.8	89.8
160°	39.0	42.6	46.9	51.2	55.4	59.7	63.8	67.8	71.9	75.8	79.6
162.5°	34.3	37.4	41.0	44.9	48.8	52.5	56.0	59.4	62.7	66.0	69.2
165°	29.5	32.2	35.0	38.5	41.9	45.2	48.5	51.3	54.0	56.6	59.4
167.5°	24.7	27.0	29.2	31.7	34.7	37.6	40.4	43.2	45.7	47.8	49.8
170°	19.8	21.7	23.5	25.3	27.2	29.6	32.0	34.3	36.5	38.7	40.9
172.5°	14.9	16.3	17.7	19.1	20.5	21.8	23.1	24.9	26.6	28.3	29.9
175°	10.0	10.9	11.9	12.8	13.7	14.6	15.5	16.3	17.1	17.9	18.6
177.5°	5.0	5.5	6.0	6.5	6.9	7.4	7.8	8.2	8.6	9.0	9.4
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: P231913

CATALOG NUMBER: FVS4WM-2-LD4-35-2STD-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°	9.7	10.1	10.4	10.7	11.0	11.2	11.5	11.7	11.9	12.0	12.2
5°	19.7	20.7	21.7	22.6	23.5	24.3	25.1	25.8	26.5	27.2	27.7
7.5°	31.5	33.0	34.5	35.9	37.1	37.8	38.5	39.2	39.8	40.3	40.7
10°	42.3	43.7	45.0	46.3	47.4	48.4	49.4	50.3	51.2	52.0	52.7
12.5°	51.7	53.5	55.2	56.9	58.6	60.1	61.5	62.7	63.8	64.7	65.4
15°	61.6	64.1	66.4	68.5	70.5	72.1	73.5	74.8	75.9	76.9	77.6
17.5°	72.2	75.5	77.6	79.9	82.0	83.9	85.6	87.1	88.4	89.4	90.3
20°	82.9	86.0	88.9	91.5	94.0	96.2	98.1	99.8	101.1	102.3	103.4
22.5°	93.6	97.2	100.5	103.6	106.4	108.2	110.0	111.7	113.2	114.6	116.0
25°	104.7	108.7	113.0	114.9	117.0	119.1	120.5	121.8	123.4	125.1	126.9
27.5°	118.7	121.2	122.4	124.8	126.0	127.0	128.6	130.1	132.1	134.2	137.1
30°	133.6	134.8	135.5	134.5	133.4	133.3	135.2	137.2	140.8	144.4	148.5
32.5°	146.7	147.1	146.3	145.4	144.7	144.0	144.4	145.6	150.0	156.1	162.2
35°	158.6	157.9	157.1	156.6	156.4	157.3	158.1	161.1	163.7	170.0	180.1
37.5°	169.2	168.6	168.1	168.3	169.5	171.8	175.6	180.0	186.6	193.4	201.1
40°	179.8	179.3	179.5	181.0	184.3	188.9	195.8	203.6	213.0	223.1	233.6
42.5°	190.3	190.2	191.8	195.5	200.9	209.5	218.6	231.1	244.2	258.1	272.7
45°	200.6	202.1	205.3	211.5	220.9	231.4	246.2	261.0	278.4	296.4	316.8
47.5°	211.9	213.7	220.8	230.2	241.9	258.2	275.2	294.3	315.6	338.3	364.1
50°	224.5	228.6	237.1	250.1	266.9	285.4	306.2	329.4	355.6	383.2	412.7
52.5°	259.3	257.7	262.4	272.2	293.3	314.1	338.2	366.0	395.3	427.3	461.0
55°	293.6	291.7	297.3	309.4	325.1	343.6	370.3	401.4	434.8	470.9	512.1
57.5°	325.0	324.8	331.8	344.4	361.0	382.6	407.8	436.5	473.7	515.9	561.1
60°	355.0	355.7	364.5	378.2	396.2	418.7	445.8	478.8	516.4	557.7	606.3
62.5°	385.8	386.7	395.1	409.5	429.1	453.2	483.0	518.8	561.4	604.7	651.8
65°	414.8	416.4	425.3	440.0	459.5	484.3	517.7	559.2	603.1	648.4	699.0
67.5°	442.2	444.1	453.5	468.4	488.5	515.4	551.4	596.7	640.3	687.9	748.1
70°	469.6	470.4	479.8	494.4	514.5	544.1	585.0	629.5	673.4	722.9	791.2
72.5°	492.4	495.0	504.7	518.8	538.4	571.3	615.7	658.1	700.9	755.7	824.3
75°	513.1	517.0	526.0	538.4	558.1	591.6	639.1	682.5	722.7	780.0	852.8
77.5°	533.6	538.3	545.7	555.4	572.5	605.2	649.7	694.4	742.0	802.0	877.2
80°	553.8	559.0	563.9	570.3	583.4	614.7	658.1	704.7	756.7	822.3	903.8
82.5°	574.0	579.3	581.0	583.5	591.3	620.7	664.4	713.6	767.8	838.1	923.7
85°	594.0	599.2	597.4	595.5	597.2	623.7	668.5	720.6	775.5	849.4	936.9
87.5°	614.0	618.8	613.3	606.8	601.8	625.0	671.4	726.8	781.4	858.3	946.5
90°	634.1	638.1	629.3	618.1	606.1	623.7	670.0	727.5	781.0	857.7	943.9
92.5°	614.0	618.8	613.3	606.8	601.8	625.0	671.4	726.8	781.4	858.3	946.5
95°	594.0	599.2	597.4	595.5	597.2	623.7	668.5	720.6	775.5	849.4	936.9
97.5°	574.0	579.3	581.0	583.5	591.3	620.7	664.4	713.6	767.8	838.1	923.7
100°	553.8	559.0	563.9	570.3	583.4	614.7	658.1	704.7	756.7	822.3	903.8
102.5°	533.6	538.3	545.7	555.4	572.5	605.2	649.7	694.4	742.0	802.0	877.2
105°	513.1	517.0	526.0	538.4	558.1	591.6	639.1	682.5	722.7	780.0	852.8
107.5°	492.4	495.0	504.7	518.8	538.4	571.3	615.7	658.1	700.9	755.7	824.3
110°	469.6	470.4	479.8	494.4	514.5	544.1	585.0	629.5	673.4	722.9	791.2



TEST NUMBER: P231913

CATALOG NUMBER: FVS4WM-2-LD4-35-2STD-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°	442.2	444.1	453.5	468.4	488.5	515.4	551.4	596.7	640.3	687.9	748.1
115°	414.8	416.4	425.3	440.0	459.5	484.3	517.7	559.2	603.1	648.4	699.0
117.5°	385.8	386.7	395.1	409.5	429.1	453.2	483.0	518.8	561.4	604.7	651.8
120°	355.0	355.7	364.5	378.2	396.2	418.7	445.8	478.8	516.4	557.7	606.3
122.5°	325.0	324.8	331.8	344.4	361.0	382.6	407.8	436.5	473.7	515.9	561.1
125°	293.6	291.7	297.3	309.4	325.1	343.6	370.3	401.4	434.8	470.9	512.1
127.5°	259.3	257.7	262.4	272.2	293.3	314.1	338.2	366.0	395.3	427.3	461.0
130°	224.5	228.6	237.1	250.1	266.9	285.4	306.2	329.4	355.6	383.2	412.7
132.5°	211.9	213.7	220.8	230.2	241.9	258.2	275.2	294.3	315.6	338.3	364.1
135°	200.6	202.1	205.3	211.5	220.9	231.4	246.2	261.0	278.4	296.4	316.8
137.5°	190.3	190.2	191.8	195.5	200.9	209.5	218.6	231.1	244.2	258.1	272.7
140°	179.8	179.3	179.5	181.0	184.3	188.9	195.8	203.6	213.0	223.1	233.6
142.5°	169.2	168.6	168.1	168.3	169.5	171.8	175.6	180.0	186.6	193.4	201.1
145°	158.6	157.9	157.1	156.6	156.4	157.3	158.1	161.1	163.7	170.0	180.1
147.5°	146.7	147.1	146.3	145.4	144.7	144.0	144.4	145.6	150.0	156.1	162.2
150°	133.6	134.8	135.5	134.5	133.4	133.3	135.2	137.2	140.8	144.4	148.5
152.5°	118.7	121.2	122.4	124.8	126.0	127.0	128.6	130.1	132.1	134.2	137.1
155°	104.7	108.7	113.0	114.9	117.0	119.1	120.5	121.8	123.4	125.1	126.9
157.5°	93.6	97.2	100.5	103.6	106.4	108.2	110.0	111.7	113.2	114.6	116.0
160°	82.9	86.0	88.9	91.5	94.0	96.2	98.1	99.8	101.1	102.3	103.4
162.5°	72.2	75.5	77.6	79.9	82.0	83.9	85.6	87.1	88.4	89.4	90.3
165°	61.6	64.1	66.4	68.5	70.5	72.1	73.5	74.8	75.9	76.9	77.6
167.5°	51.7	53.5	55.2	56.9	58.6	60.1	61.5	62.7	63.8	64.7	65.4
170°	42.3	43.7	45.0	46.3	47.4	48.4	49.4	50.3	51.2	52.0	52.7
172.5°	31.5	33.0	34.5	35.9	37.1	37.8	38.5	39.2	39.8	40.3	40.7
175°	19.7	20.7	21.7	22.6	23.5	24.3	25.1	25.8	26.5	27.2	27.7
177.5°	9.7	10.1	10.4	10.7	11.0	11.2	11.5	11.7	11.9	12.0	12.2
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: P231913

CATALOG NUMBER: FVS4WM-2-LD4-35-2STD-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°	12.3	12.4	12.5	12.6	12.6	12.6	13.0	12.8	12.7	12.5	12.3
5°	28.2	28.7	29.1	29.4	29.7	29.9	30.0	30.1	30.6	30.4	30.1
7.5°	41.1	41.3	41.6	41.7	41.8	41.8	41.7	41.6	41.4	41.4	40.9
10°	53.3	53.7	54.1	54.3	54.5	54.5	54.5	54.3	54.0	54.1	53.3
12.5°	65.9	66.3	66.6	66.7	66.7	66.6	66.3	66.0	65.5	64.8	64.3
15°	78.2	78.7	78.9	79.0	78.9	78.7	78.3	77.7	77.0	76.1	75.4
17.5°	91.0	91.6	92.1	92.4	92.6	92.6	92.5	92.2	91.7	91.0	90.5
20°	104.4	105.3	106.3	107.2	108.0	108.7	109.3	109.8	110.0	110.1	110.5
22.5°	117.4	118.9	120.4	121.7	123.0	124.1	125.2	126.0	126.7	127.2	128.0
25°	128.8	130.7	132.7	135.2	137.6	139.9	141.9	143.8	145.4	146.7	147.7
27.5°	140.4	143.6	146.9	150.6	154.6	158.3	161.8	164.9	167.7	170.0	171.9
30°	153.4	158.7	163.9	168.9	175.8	182.2	188.2	193.7	198.6	202.8	206.3
32.5°	169.1	177.9	186.5	194.9	203.8	212.8	221.0	228.5	235.2	241.0	245.9
35°	190.1	201.7	213.6	225.0	236.3	248.8	260.2	270.5	279.6	287.5	294.0
37.5°	214.9	229.3	245.9	261.8	276.7	292.3	306.7	319.6	330.9	340.5	348.4
40°	246.1	263.8	284.5	304.9	323.8	342.1	359.1	373.8	386.0	395.8	403.4
42.5°	289.6	306.5	329.2	354.8	377.8	398.2	416.8	432.7	446.0	456.6	464.6
45°	337.6	361.4	384.2	410.8	436.0	460.9	480.7	499.2	513.5	523.8	530.3
47.5°	390.8	417.9	444.2	472.4	504.8	532.5	556.4	576.9	593.0	604.8	612.3
50°	443.5	475.3	512.0	547.9	583.5	614.1	642.1	670.3	693.9	712.7	726.1
52.5°	499.0	539.4	580.7	621.6	666.2	709.1	745.2	779.2	809.9	836.4	857.8
55°	555.4	600.6	648.1	700.3	752.6	803.5	847.5	886.9	922.8	954.8	981.7
57.5°	608.6	661.1	717.2	777.9	839.7	889.9	939.2	981.6	1018.8	1053.1	1083.6
60°	660.5	719.9	787.6	852.4	913.5	966.2	1011.7	1055.3	1095.4	1131.3	1162.4
62.5°	708.8	782.2	853.1	921.0	976.3	1028.2	1075.0	1119.6	1158.8	1194.5	1225.6
65°	766.8	838.8	911.6	972.8	1029.0	1081.7	1128.3	1171.7	1212.4	1249.7	1282.0
67.5°	818.9	893.0	956.7	1016.2	1072.8	1124.2	1173.5	1219.9	1261.7	1298.4	1329.5
70°	863.4	936.2	999.2	1054.0	1107.0	1161.7	1214.0	1260.8	1305.3	1346.4	1376.8
72.5°	901.0	975.6	1034.1	1087.7	1140.4	1193.6	1246.3	1298.8	1352.4	1394.5	1419.2
75°	935.4	1003.3	1061.1	1116.2	1171.1	1223.0	1275.3	1331.6	1383.4	1428.5	1456.9
77.5°	964.0	1026.0	1082.3	1138.7	1195.2	1249.3	1302.7	1356.4	1407.6	1452.8	1482.0
80°	982.5	1042.7	1097.7	1155.3	1213.9	1269.5	1322.5	1375.7	1427.5	1472.6	1500.9
82.5°	998.6	1058.6	1113.3	1170.1	1225.1	1277.4	1333.3	1390.8	1449.6	1497.5	1519.5
85°	1010.9	1069.7	1123.1	1180.6	1234.6	1288.4	1343.1	1401.8	1459.7	1505.7	1531.4
87.5°	1021.6	1075.9	1127.2	1184.4	1238.2	1295.0	1353.1	1411.9	1465.9	1512.3	1533.8
90°	1021.4	1077.3	1126.0	1181.9	1235.4	1294.5	1354.4	1408.7	1463.8	1514.9	1535.7
92.5°	1021.6	1075.9	1127.2	1184.4	1238.2	1295.0	1353.1	1411.9	1465.9	1512.3	1533.8
95°	1010.9	1069.7	1123.1	1180.6	1234.6	1288.4	1343.1	1401.8	1459.7	1505.7	1531.4
97.5°	998.6	1058.6	1113.3	1170.1	1225.1	1277.4	1333.3	1390.8	1449.6	1497.5	1519.5
100°	982.5	1042.7	1097.7	1155.3	1213.9	1269.5	1322.5	1375.7	1427.5	1472.6	1500.9
102.5°	964.0	1026.0	1082.3	1138.7	1195.2	1249.3	1302.7	1356.4	1407.6	1452.8	1482.0
105°	935.4	1003.3	1061.1	1116.2	1171.1	1223.0	1275.3	1331.6	1383.4	1428.5	1456.9
107.5°	901.0	975.6	1034.1	1087.7	1140.4	1193.6	1246.3	1298.8	1352.4	1394.5	1419.2
110°	863.4	936.2	999.2	1054.0	1107.0	1161.7	1214.0	1260.8	1305.3	1346.4	1376.8



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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°	818.9	893.0	956.7	1016.2	1072.8	1124.2	1173.5	1219.9	1261.7	1298.4	1329.5
115°	766.8	838.8	911.6	972.8	1029.0	1081.7	1128.3	1171.7	1212.4	1249.7	1282.0
117.5°	708.8	782.2	853.1	921.0	976.3	1028.2	1075.0	1119.6	1158.8	1194.5	1225.6
120°	660.5	719.9	787.6	852.4	913.5	966.2	1011.7	1055.3	1095.4	1131.3	1162.4
122.5°	608.6	661.1	717.2	777.9	839.7	889.9	939.2	981.6	1018.8	1053.1	1083.6
125°	555.4	600.6	648.1	700.3	752.6	803.5	847.5	886.9	922.8	954.8	981.7
127.5°	499.0	539.4	580.7	621.6	666.2	709.1	745.2	779.2	809.9	836.4	857.8
130°	443.5	475.3	512.0	547.9	583.5	614.1	642.1	670.3	693.9	712.7	726.1
132.5°	390.8	417.9	444.2	472.4	504.8	532.5	556.4	576.9	593.0	604.8	612.3
135°	337.6	361.4	384.2	410.8	436.0	460.9	480.7	499.2	513.5	523.8	530.3
137.5°	289.6	306.5	329.2	354.8	377.8	398.2	416.8	432.7	446.0	456.6	464.6
140°	246.1	263.8	284.5	304.9	323.8	342.1	359.1	373.8	386.0	395.8	403.4
142.5°	214.9	229.3	245.9	261.8	276.7	292.3	306.7	319.6	330.9	340.5	348.4
145°	190.1	201.7	213.6	225.0	236.3	248.8	260.2	270.5	279.6	287.5	294.0
147.5°	169.1	177.9	186.5	194.9	203.8	212.8	221.0	228.5	235.2	241.0	245.9
150°	153.4	158.7	163.9	168.9	175.8	182.2	188.2	193.7	198.6	202.8	206.3
152.5°	140.4	143.6	146.9	150.6	154.6	158.3	161.8	164.9	167.7	170.0	171.9
155°	128.8	130.7	132.7	135.2	137.6	139.9	141.9	143.8	145.4	146.7	147.7
157.5°	117.4	118.9	120.4	121.7	123.0	124.1	125.2	126.0	126.7	127.2	128.0
160°	104.4	105.3	106.3	107.2	108.0	108.7	109.3	109.8	110.0	110.1	110.5
162.5°	91.0	91.6	92.1	92.4	92.6	92.6	92.5	92.2	91.7	91.0	90.5
165°	78.2	78.7	78.9	79.0	78.9	78.7	78.3	77.7	77.0	76.1	75.4
167.5°	65.9	66.3	66.6	66.7	66.7	66.6	66.3	66.0	65.5	64.8	64.3
170°	53.3	53.7	54.1	54.3	54.5	54.5	54.5	54.3	54.0	54.1	53.3
172.5°	41.1	41.3	41.6	41.7	41.8	41.8	41.7	41.6	41.4	41.4	40.9
175°	28.2	28.7	29.1	29.4	29.7	29.9	30.0	30.1	30.6	30.4	30.1
177.5°	12.3	12.4	12.5	12.6	12.6	12.6	13.0	12.8	12.7	12.5	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):

	357.5°	360°
0°	0.0	0.0
2.5°	12.2	12.0
5°	29.8	29.5
7.5°	40.4	39.9
10°	52.6	51.9
12.5°	63.3	62.3
15°	74.0	72.7
17.5°	89.2	87.8
20°	109.5	108.6
22.5°	127.5	127.0
25°	148.5	148.5
27.5°	173.5	174.1
30°	209.4	210.8
32.5°	250.2	252.4
35°	299.8	302.7
37.5°	355.3	358.6
40°	409.8	412.1
42.5°	471.2	472.8
45°	534.8	533.5
47.5°	617.6	614.9
50°	736.9	735.5
52.5°	877.0	880.9
55°	1006.4	1015.8
57.5°	1112.5	1127.6
60°	1191.3	1208.3
62.5°	1251.9	1273.0
65°	1308.9	1330.5
67.5°	1355.0	1375.2
70°	1398.6	1413.5
72.5°	1435.3	1444.7
75°	1469.1	1474.2
77.5°	1487.3	1487.8
80°	1511.9	1514.1
82.5°	1528.9	1530.9
85°	1536.4	1534.9
87.5°	1546.0	1549.3
90°	1544.5	1546.1
92.5°	1546.0	1549.3
95°	1536.4	1534.9
97.5°	1528.9	1530.9
100°	1511.9	1514.1
102.5°	1487.3	1487.8
105°	1469.1	1474.2
107.5°	1435.3	1444.7
110°	1398.6	1413.5



TEST NUMBER: P231913

CATALOG NUMBER: FVS4WM-2-LD4-35-2STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	1355.0	1375.2
115°	1308.9	1330.5
117.5°	1251.9	1273.0
120°	1191.3	1208.3
122.5°	1112.5	1127.6
125°	1006.4	1015.8
127.5°	877.0	880.9
130°	736.9	735.5
132.5°	617.6	614.9
135°	534.8	533.5
137.5°	471.2	472.8
140°	409.8	412.1
142.5°	355.3	358.6
145°	299.8	302.7
147.5°	250.2	252.4
150°	209.4	210.8
152.5°	173.5	174.1
155°	148.5	148.5
157.5°	127.5	127.0
160°	109.5	108.6
162.5°	89.2	87.8
165°	74.0	72.7
167.5°	63.3	62.3
170°	52.6	51.9
172.5°	40.4	39.9
175°	29.8	29.5
177.5°	12.2	12.0
180°	0.0	0.0

(END OF REPORT)